

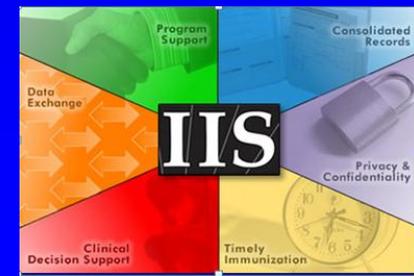
Making It All Add Up

Gerri Yett, RN, MSN, CHES
Deputy Immunization Program Manager



What is an Immunization Information System?

- Confidential, computerized, population based
- Collects and consolidates vaccination data from providers
- Provides tools for designing & sustaining effective immunization strategies at provider & program level



Benefits of an Immunization Information System

- **Obtain consolidated patient immunization records**
- **Reduce staff time spent tracking down records**
- **Forecast future vaccines needed**
- **Generate automated reminder/recall notices**
- **Assess facility-specific immunization completion rates**
- **Electronically order state-supplied vaccine, manage vaccine inventory, and submit state-required reports**

VAC TRAK

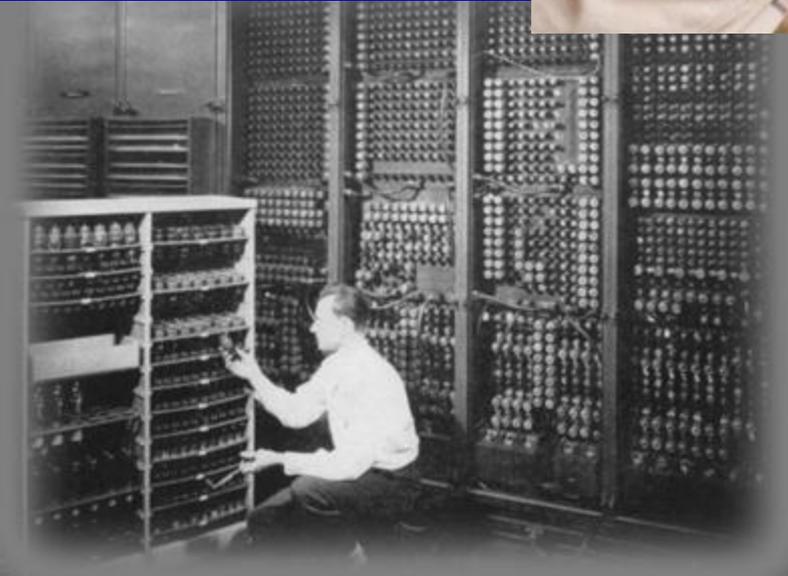
– Alaska's Immunization Information System



Past

Future

Present



VAC TRAK – Past Activities

- **November 2008 – VacTrAK initiated first data exchange with pilot facility using an EHR**
- **Spring 2009 – Initiated state-wide provider recruitment**
- **September 2009 – VacTrAK played critical role in H1N1 influenza vaccine distribution & inventory management**





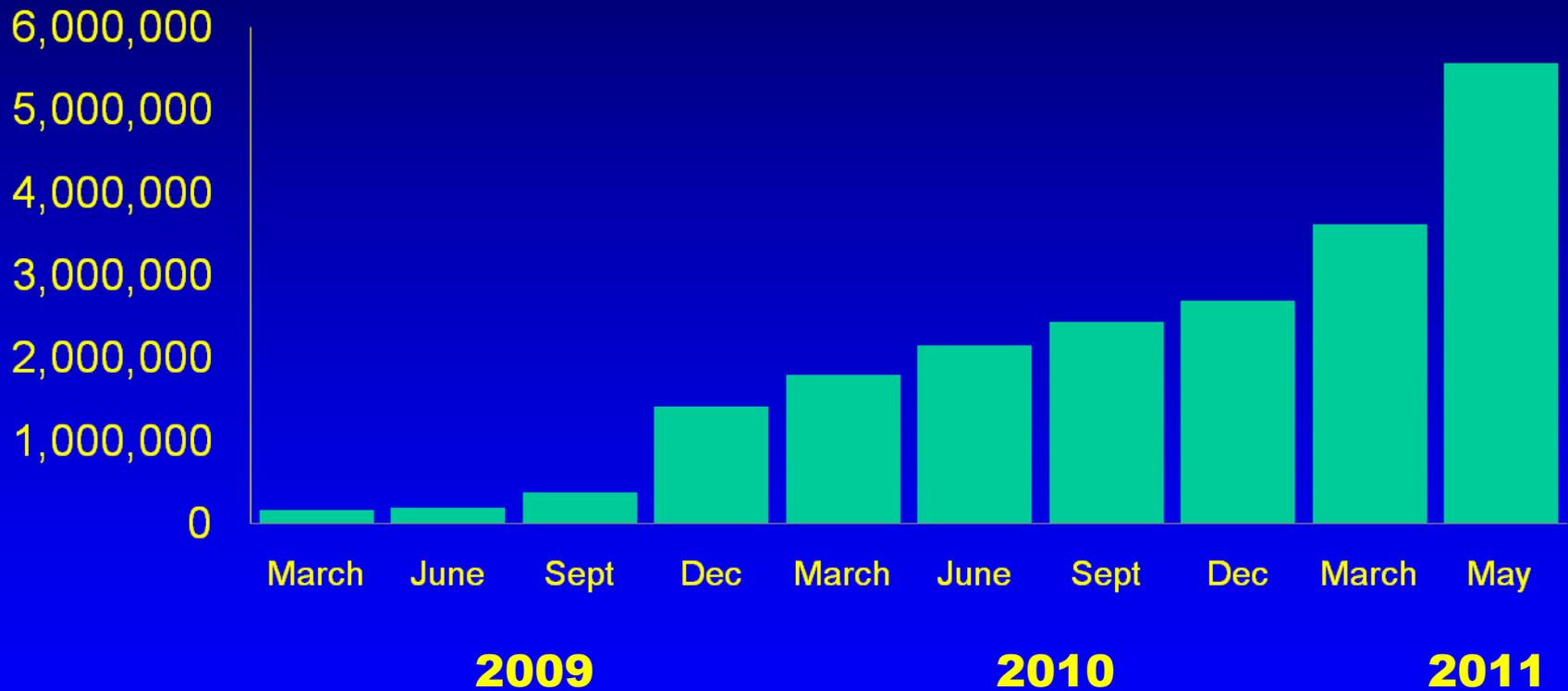
VacTrAK's success of H1N1 activities recognized nationally by receiving 2010 "Center of Excellence" award from the American Immunization Registry Association (AIRA)

VAC TRAK

Present Activities



Number of Vaccinations submitted to VacTrAK





(as of 5/6/2011)

Patient Age Range (in yrs)	Patients		Total # Vaccinations
	Total #	# (%) with ≥ 2 vaccinations in VacTrAK	
0-1	23,269	8,118 (34.8%)	95,215
2-5	51,415	28,470 (55.3%)	487,792
6-18	151,405	96,525 (63.7%)	1,952,687
19+	749,647	272,389 (36.3%)	3,018,508
Total	976,748*	405,502 (41.5%)	5,554,202

*includes historical information for persons who are no longer AK residents (e.g., moved out of state, deceased)



(as of 5/6/2011)

Type of Facility/Organization	# Enrolled
Private Provider Facilities	85
AK Native Health Corporations	21
State of AK-owned Facilities <i>(excluding PH Centers)</i>	15
Alaska PH Centers *	10
Total	131

* Currently active PH centers:

Barrow, Bethel, Cordova, Dillingham, Fairbanks, Kenai,
Mat/Su, Seward, Valdez, MOA
(goal to have all included by this summer)



(as of 5/6/2011)

Type of Facility/Organization	# Development
Private Provider Facilities	11
AK Native Health Corporations [§]	5
Alaska PH Centers *	3
Total	19

* Development PH centers: Juneau, Sitka & Ketchikan

§ Ketchikan Indian Community (KIC) & Eastern Aleutian Tribal System (EATS) process of implementing bi-directional exchange



(as of 5/6/2011)

Type of Data Submission	# Facilities
Direct data entry	72 (55%)
Electronic interfaces (Health Level 7*—"HL7" or CSV "flat" file) §	59 (45%)
Total	131

* VacTrAK is fully HL7 compliant with Version 2.3.1 and 2.5.1

§ Municipality of Anchorage PHC real-time bi-directional

VAC TRAK – Future Activities



- **Implementation of Vaccine Ordering and Management System (VOMS)**
- **Pilot facilities Summer 2011**
- **Transition all providers receiving state-supplied vaccine by January 2012**

Benefits of VOMS for Providers and Immunization Program

- **Decrease staff time spent ordering and tracking inventory**
- **Increase ability for facility to monitor orders and vaccine usage**
- **Enhanced inventory tracking may reduce vaccine wastage**
- **Provider annual recertification on-line**
- **Meets Centers for Disease Control and Prevention (CDC) requirement for “dose level” accountability of VFC vaccines 😊**

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 - Submission
 - Cold Storage
- Reports

Create Order

IRMS: SOA EPI VACCINE DEPOT	Contact Name: <input type="text" value="DELLA FISHER"/>
Facility:	Address: 9210 VANGUARD DRIVE
	City: ANCHORAGE
	State: AK
	Zip: 99507
Monday: <input type="checkbox"/> 9:00 <input type="button" value="v"/> 5:00 <input type="button" value="v"/>	Tuesday: <input type="checkbox"/> 9:00 <input type="button" value="v"/> 5:00 <input type="button" value="v"/>
Wednesday: <input type="checkbox"/> 9:00 <input type="button" value="v"/> 5:00 <input type="button" value="v"/>	Thursday: <input type="checkbox"/> 9:00 <input type="button" value="v"/> 5:00 <input type="button" value="v"/>
Friday: <input type="checkbox"/> 9:00 <input type="button" value="v"/> 5:00 <input type="button" value="v"/>	

PIN: 999998 **Instructions:**

Order Date: 05/07/2011 **Order Status:** In Progress

Submitter: GERRI YETT (GYETT)

Comments:

Order Set:

Accountability:	Last Date Submitted:	Past Due?
Doses Administered		Yes
Temp Graphs		Yes
Lot Number Summary		Yes
Temp Logs		Yes

Order Frequency: **Order Timing:**

Order Schedule:

Order Details

Vaccine	Description	Dose Used Last Month	Physical Inventory	Order Quantity	Urgent	Priority Reason	Comments

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Order History Search

IRMS:	--select--	
Facility:	--select--	
PIN:	--select--	
Submit Date:	From: <input type="text"/>	To: <input type="text"/>
Receipt Date:	From: <input type="text"/>	To: <input type="text"/>
Approval Date:	From: <input type="text"/>	To: <input type="text"/>
Denial Date:	From: <input type="text"/>	To: <input type="text"/>
Vaccine:	--SELECT VACCINE-- DT (Pediatric) DTaP DTaP/Hep B/IPV HPV, quadrivalent Hep A 2 dose - Adult Hep A 2 dose - Ped/Adol Hep B Ped/Adol - Preserv Free Hepatitis B--adult Hib--PRP-OMP	
Lot Number:	<input type="text"/>	
Order Status:	--select--	
Order Number:	<input type="text"/>	
Include deleted orders:	<input type="checkbox"/>	

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Public lots display with dark gray shading. Private lots display with light gray shading.

Reconcile Inventory

Vaccine	Lot Number	Exp Date	Quantity on Hand	Physical Inventory	Adjustment (+/-)	Reason	Public	Inactive	Add Row
DT (Pediatric)	U3327AA	03/18/2013	16		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
DTaP	AC14B099BA	10/27/2011	50		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
DTaP	AC14B107AA	02/19/2012	6,250		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
DTaP/Hep B/IPV	AC21B254AA	04/24/2012	0		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
DTaP/Hep B/IPV	AC21B256CA	05/14/2012	3,560		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
DTaP/Hep B/IPV	AC21B285EA	01/19/2013	5,850		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
HPV, quadrivalent	0768Z	10/17/2012	560		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
HPV, quadrivalent	1437Z	02/25/2013	1,000		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
Hep A 2 dose - Adult	AHAVB456AA	03/04/2013	51		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
Hep A 2 dose - Ped/Adol	AHAVB362BA	02/23/2012	0		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
Hep A 2 dose - Ped/Adol	AHAVB365AA	03/10/2012	0		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
Hep A 2 dose - Ped/Adol	AHAVB441AA	01/28/2013	0		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
Hep A 2 dose - Ped/Adol	AHAVB441BA	01/28/2013	570		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
Hep A 2 dose - Ped/Adol	AHAVB453AA	02/25/2013	7,540		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+
Hep B Ped/Adol - Preserv Free	0485Z	09/21/2012	3,400		0.0	--No Reason Required--	<input checked="" type="checkbox"/>	<input type="checkbox"/>	+

State of Alaska Health & Social Services Public Notices myAlaska Health & Social Services Search Find



Health Information Technologies

Improving quality, reducing costs

State of Alaska > Health & Social Services > Health Information Technologies



Paul Cartland
State Health Information
Technology Coordinator

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Headlines

- NEW** *Alaska Makes First EHR Incentive Payments*
 - > Press Release - EHR Incentive Programs
 - > Hospital and Eligible Professional (EP) Registration Guide
-  Health Information Technology Workforce Training Program Flyer
 - > First EHR certifications have been approved
 - > Certified Health IT Product List Published
-  Medicare & Medicaid EHR Incentive Program Specifics of the Program for Hospitals, August 11, 2010
-  Medicare & Medicaid EHR Incentive Program Specifics on the Program for Eligible Professionals, August 10, 2010



Quicklinks

Electronic Health Records (EHR)

- > News
- > Certification
- > EHR Incentive Program Registration
- > EHR Incentive Program FAQs
- > State Medicaid Health Information Technology Plan



alaska
HIT Health Information TECHNOLOGIES

Alaska Medicaid EHR Incentive Program

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[Why EHR's and an HIE ?](#)
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Welcome to Alaska EHealth Network

AeHN Overview

AeHN is dedicated to providing news updates on state and national activities related to health information exchange and to providing discussion space for all Alaskans to comment on issues related to health information exchange.

Join a forum!
Provide input!
Help us focus on improving health care for all Alaskans!

Click here to download an [AeHN Fact Sheet](#). If you have general questions regarding AeHN please email them to info@ak-ehealth.org.

AeHN Membership

To obtain the AeHN membership agreement and become a member, please call or email Jim Landon, EHR Project Director at (866) 966-9030 x-4 or jim@ak-ehealth.org.

Upcoming Events!

EHR

News

10/13/2010 -
Alaska's EHR
Champions Help
Guide Providers
Across the
Digital Divide -
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6/18/2010 -
ONC releases
EHR certification
rule - [Read
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4/12/2010 -
Alaska's
healthcare
providers to get
their own "geek
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Health Information Exchange (HIE) Solution
from Orion Health for
Alaska eHealth Network (AeHN)

Grin and bear it ...





... jump right in and use VacTrAK!

Contact VacTrAK today!

Enrollment application found on our website:

www.vactrak.alaska.gov

For questions or more information:

Telephone: 907-269-0312

Toll Free: 866-702-8725

Fax: 907-562-7802

Email: vactrak@alaska.gov