California
Electronic Death Registration System
Summary

- Project background and goals
- Assumptions
- System benefits
- Timeline
- System functionality
- Technical Advisory Groups
- Contacting the CA-EDRS Project Team
- Next steps
Background

β California AB2550

β 2002 -- Mandated an electronic death registration system be developed by DHS and implemented by January 2005.

β Interagency Agreement

β The CA-EDRS is currently being built.
The CA-EDRS project is overseen by a Steering Committee comprised of representatives from:

- CA Department of Health Services
- CA Conference of Local Health Officers
- CA Funeral Director’s Association
- CA Coroner’s Association
- CA Medical Association
Project Goals

- Develop a Web based, secure electronic death registration system for California
- Create a California-specific EDRS design (CA-EDRS)
- Design based on the NAPHSIS EDR Model (released Jan 2004)
- Remote Physician Signature
  - (eliminate driving to get a Physician Signature)
Assumptions

- In January 2005, CA-EDRS will be available only to the pilot counties.
- In July 2005, CA-EDRS will be available statewide.
- Use of CA-EDRS is voluntary.
- Electronic signature solutions are currently being evaluated for approval; the e-signature option(s) may be available after Phase 1.
Benefits

- **Permits for Disposition**
  - Local Registrar approves the DC
  - Burial Permit is printed at Funeral Home

- **Amendments**
  - Coroner Pending COD automatically started
  - Linked to Death Certificate in the system

- **Data**
  - Allows data extraction into tab- or comma-delimited files for downloading and subsequent analysis by data managers
Benefits

- Error Reduction
  - System Edits
    - Compare Dates
    - Check for Signatures
    - Format
    - Drop down lists, pick lists when possible
    - Spell check
    - On-line HELP
  - SSN Verification
    - Pilot testing in other states
  - Local Registrar can review COD prior to submission
Timeline

Oct. 2003  Project Charter finalized
Nov. 2003  UCD-DHS IA signed
Apr. 2004  CA-EDRS Design approved
Dec. 2004  CA-EDRS V1.0 completion
Jan. 2005  Pilot Implementation, Phase 1
t           Riverside and Yolo
July 2005  User Expansion, Phase 2
           Statewide rollout
Highlights

- Web-based over secure connection
- Role-specific user front end
- Message center for notification
  - (option to forward to e-mail)
- Ability to render the VS11 form in PDF format dynamically (real time) for printing and ink signature
- Validate the SSN on the certificate using messaging routines supplied by the SSA
  - (implementation currently being evaluated)
Highlights

Electronic signature of death certificates
- PIN from secure, registered connection
- Local registrar, embalmer, Coroner/ME
- DHS-approved external e-signature solution
- Physician, Coroner/ME

Data Extraction Utility
- Allows the creation of data files into tab- or comma-delimited files for use in other data management tools (SAS, SPSS, EPI 2000, Excel, Access)
CA-EDRS Application Overview

- Data Files
- CA-EDRS Application
- Data Utilities
- Message Center
- CA-EDRS Databases
- Death Certificates
- Permits for Disposition

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Southern California OVR Workshop
Electronic Death Certificate

FD obtains Decedent’s Personal Information

Medical information worksheet

Enter Personal and Medical Data (FD, Medical Facility, Coroner)
CA-EDRS Functions

FD authenticates PI

COD reviewed by LRD

Referred to ME/C

MC certifies MI

Pass Edits

SSN Verification

Embalmer signature

Print Working Copy
Electronic Registration

FD submits to LR

Disposition Permit Approved

LRD registers

Print Disposition Permit(s)

Print Certified Copies

State registers
CA-EDRS Communication

Funeral Director
Medical Facility
Medical Certifier
Physician
Coroner
Medical Examiner
Embalmers
Local Registrar
State Registrar
Electronic Physician “Signatures”

User ID and PIN

Speaker / Voice Identification

Fax Signature

CA-EDRS-Registered
Other Electronic “Signatures”

- Embalmer
- Coroner Medical Examiner
- Local Registrar

CA-EDRS-Registered

UserID
PIN
Coroner’s Case: “Pending” COD

Death Certificate

Amendment

Registration Process
Dual-Pass Process

Drop to Paper for ink signature

Dual Pass

Reinsert signed form and print rest

Registration Process
Technical Advisory Groups (TAGs)

- Input into the design for their particular role based functionality
- Meet in a mutually agreeable venue 2-3 times to review design

Group members

- Will have access to early releases (alpha, beta, pre-release, etc.)
- Will be asked to provide feedback through:
  - Face-to-Face meetings
  - Project portal – online web-based user forum
  - Issue tracking system – web-based system
TAG Meetings

Upcoming meetings
- June 1: Local Registration Districts
- June 14: Coroners
- June 14: Funeral Directors

Second round TAG meetings
- Tentatively set for mid-July
For more information...

How do we get more information on CA-EDRS?
- http://edrs.ucdavis.edu
- mrodrian@dhs.ca.gov
- lportiga@dhs.ca.gov

How do we sign up for the CA-EDRS Technical Advisory Group?
- Contact the CA-EDRS Project Office at (916) 734-4563 or e-mail sreali@ucdavis.edu
CA-EDRS User Resource Site

http://edrs.ucdavis.edu

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This Afternoon:

- Please pick up a survey questionnaire as you leave.
  - The survey questionnaires will help us build the CA-EDRS to meet your needs.
  - Please complete the questionnaire during lunch.
- Review and discuss the handouts over lunch.
- Return from lunch prepared to:
  - Break into tables for round table discussions.
  - Make comments on each handout.
- Summarize Highlights of this afternoon’s discussions.
You can help us...

β We are compiling lists of issues, concerns, etc. as we move forward and to provide to the technical advisory groups during our upcoming sessions.

β To participate in the technical advisory groups, contact us and/or leave us your name and contact information.