California

Electronic Death Registration System
Overview

- Project background and goals
- Assumptions
- System benefits
- Timeline
- System functionality
- Funeral Director Technical Advisory Group
- Contacting the CA-EDRS Project Team
Background

- California AB2550
- Interagency Agreement
- The CA-EDRS is currently being built.
- Use of System is Voluntary
Project Oversight

The CA-EDRS project is overseen by a Steering Committee comprised of representatives from:

- CA Department of Health Services: Greg Franklin
- CA Conference of Local Health Officers: Gary Feldman
- CA Funeral Director’s Association: Jim Draper
- CA Coroners Association: Jim Malouf
- CA Medical Association: Wesley Bradford
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 Attestation (eliminate driving to get a Physician Signature)
Project Timeline

- In January 2005, CA-EDRS will be available only to the pilot counties.
- In July 2005, CA-EDRS will be available statewide.
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 internal use
Error Reduction

β System Edits
β Compare Dates
β Check for Signatures
β Format
β Drop down lists, pick lists when possible
β Medical Spell check
β On-line HELP
β Local Registrar can review COD prior to submission
Highlights

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

- User ID, Password, and IP address captured
- Local registrar
- Coroner/ME
- Funeral Director
- Embalmer
Physician Attestation

- Electronic attestation of death certificates
  - DHS-approved physician attestation
  - Electronic solutions are currently being evaluated.
    - Electronic voice capture
    - Automated fax signature capture
  - Neither method requires pre-enrollment
CA-EDRS Application Overview

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

July 12, 2004
Electronic Death Certificate

Decedent’s Personal Information

Enter Personal and Medical Data (FD, Medical Facility, Coroner)

Medical Information worksheet
CA-EDRS Functions

FD authenticates PI

Embalmers signature

COD reviewed by LRD

SSN Verification

Referred to ME/Coroner

Print Working Copy

ME/Coroner Attests

Pass Edits

MC Attests to MI
CA-EDRS Registration

FD submits to LR

LRD registers

State registers

Disposition Permit Approved

Print Disposition Permit(s)

Print Certified Copies
CA-EDRS Communication

Funeral Director

Embalmer

Medical Facility

Local Registrar

Medical Certifier

State Registrar

Physician

Coroner

Medical Examiner
Other Electronic “Signatures”

Funeral Director
- Authenticaates

Embalmer
- Signs

Coroner
- Attests

Medical Examiner

Local Registrar
- Approves

UserID
password
IP address
Electronic Physician Attestation

Voice Attestation

Fax Attestation

JOHN SMITH MD @vSig

JANE JONES MD @fSig
Drop to Paper Process

Drop to Paper for ink signature

Registration Process
Dual-Pass Process

Drop to Paper for ink signature

Reinsert signed form and print rest

Registration Process
### Dual-Pass (Pass 1)

**Date:**
- **July 12, 2004**

**Event:**
- **CFDA Annual Convention**

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### Certificate of Death Details

**Certificate of Death**
- **State File Number:** [Blank]
- **Sex:** [Blank]
- **Race:** [Blank]
- **Age:** [Blank]
- **Birth Date:** [Blank]
- **Birthplace:** [Blank]
- **Social Security Number:** [Blank]
- **Date of Death:** [Blank]
- **Place of Death:** [Blank]
- **Cause of Death:** [Blank]
- **Signatures:** [Blank]
Dual-Pass Process

Drop to Paper for ink signature

Reinsert signed form and print rest

Registration Process
Welcome to CA-EDRS

Username:

Password:

Login  Reset
Funeral Home enters Personal Information
Funeral Home, Medical Facility, ME/Coroner enters Medical Information
Technical Advisory Groups

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

June 14: Funeral Directors

- 19 participants
- Reviewed functionality (use cases)
- Feedback and comments incorporated to improve design

To become a TAG participant:
- sreali@ucdavis.edu
- CA-EDRS Project Office at (916) 734-4563
For more information...

How do we get more information on CA-EDRS?

http://edrs.ucdavis.edu
lportiga@dhs.ca.gov  Larry Portigal
sreali@ucdavis.edu  Stephanie Reali
CA-EDRS Project Office at  (916) 734-4563
CA-EDRS User Resource Site

California Electronic Death Registration System Project

Making the death certificate registration an electronic process reduces the significant costs associated with a manual process and improves the quality of the data collected through the certificates. In 2003, the California Assembly passed (ADA 2560 Chapter 97 Title 4.5) mandated the California Department of Health Services (CDHS) implement an electronic death registration system for the State of California. The CDHS began the California Electronic Death Registration System (CA-EDRS) Project in 2003.

The goal of the CA-EDRS Project is to develop an electronic system for registration and certification of death certificates in California. Death certificate registration processes in California are based in paper, which is time consuming and results in errors (occurring) as well as the creation of important derivative public health and regulatory data.

This site provides ongoing and up-to-date information about the development and implementation of the CA-EDRS.

http://edrs.ucdavis.edu