

All About EVVE

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NAPHSIS

- National Association for Public Health Statistics and Information Systems
- Formed in 1933
- Association of state health statistics and vital records agencies in 57 jurisdictions
- **Mission:** Provide national leadership and advocacy on behalf of its members to ensure the quality, security, confidentiality and utility of vital records and health statistics, as well as their integral role within health information systems, for monitoring and improving public health.



2005 Deficit Reduction Act

- Contained provisions that required individuals applying for or recertifying for Medicaid to provide proof of citizenship
- Provision went into effect July 1, 2006
- Birth Certificate can be used for proof of citizenship
- Issues
 - Not all applicants have a copy of their birth certificate
 - Applicant may be applying for Medicaid in a state where they were not born



What is EVVE™?

- Electronic Verification of Vital Events
- Message based query system
- Authorized users have a single interface to generate a query to any participating vital records jurisdiction throughout the country
 - Verifications
 - Certifications

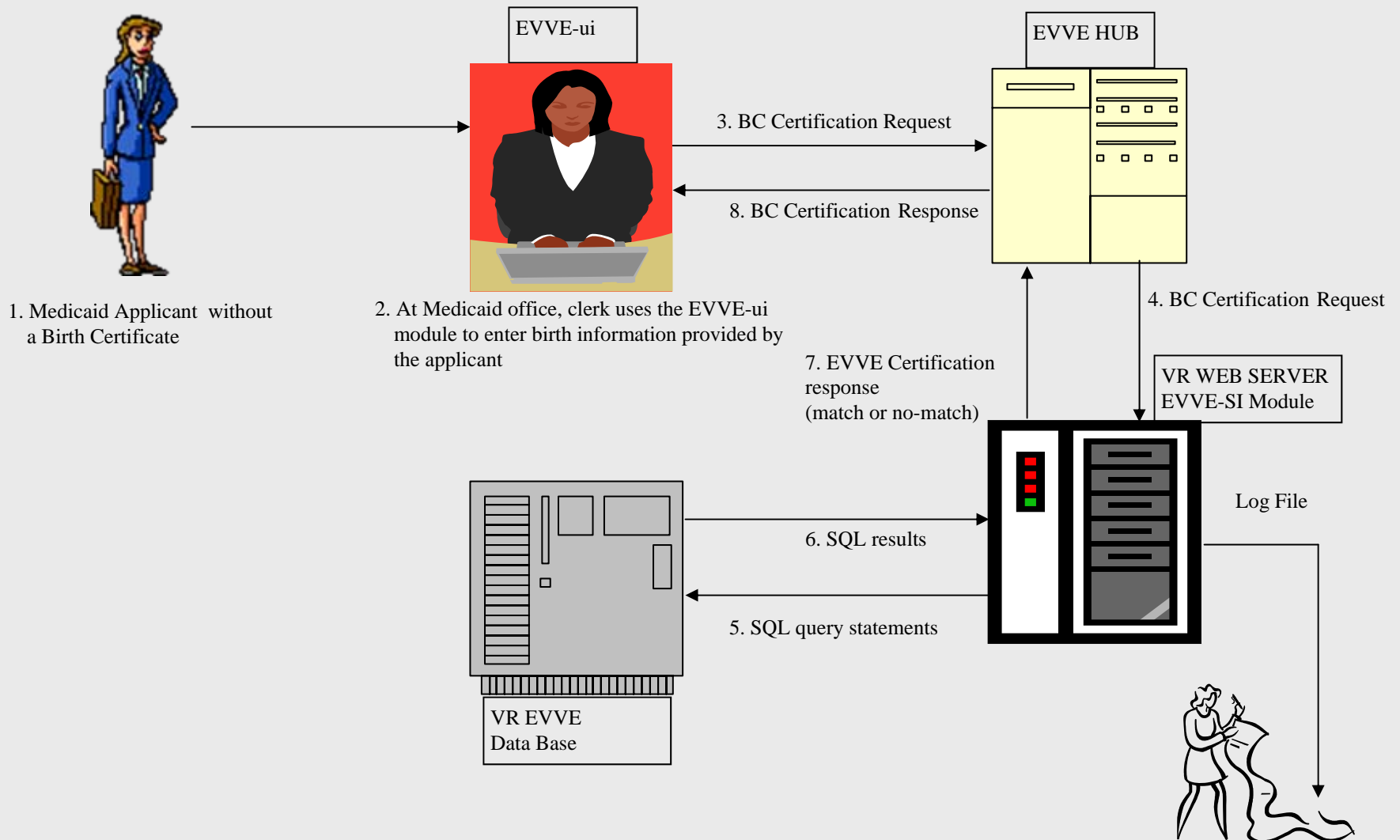


What is EVVE?

- NAPHSIS national clearinghouse (hub)
- Standard Internet-based XML Vital Event Transaction (VET)
- Knowledge database for jurisdiction rules and data availability/mapping
- Transaction log of exchanges of requests and responses between users and the jurisdictions via the hub
- Management and billing reports



EVVE Birth Certification Process – Medicaid Office



What are the benefits of EVVE?

- Protects against potential fraudulent activities
- Improves customer service
- Facilitates rapid access to accurate and verifiable vital record data
- Supports the future of business between the vital records offices and EVVE users
- Safeguards the confidentiality of data
- Offers a secure mechanism for communication between agencies and vital records offices
- Integrates easily with current legacy systems
- User friendly internet-based interface also available



How will working with NAPHSIS benefit Medicaid Offices?

- Established relationships with all vital records jurisdiction data sources
- Single point of contact
- Standard-setting mechanisms in place to provide commonality across unique jurisdiction characteristics
- Clear recognition of the various jurisdiction laws governing vital records access and use of these records



Birth Certification Query Request

- Required Fields
 - First Name
 - Last Name
 - Date of Birth
 - Gender
 - Jurisdiction of Birth
 - Mother's Maiden Surname
- Optional Fields
 - Father's Surname
- Applicant does not have a birth certificate, fields entered would be what is documented on the birth certificate



Query Logic

- EVVE queries for an exact match
- If no exact match then EVVE executes alternate queries
 - Soundex searches
 - Last Name replacements
 - Remove Day
 - Adjust Year
 - Switch Gender
 - Switch Month/Day
 - Remove fields



Query Response

- Match
 - Indication if birth record marked deceased
 - Indication if birth record data modified
- No-Match on one required field
 - Problem with First Name
 - Problem with Last Name
 - Problem with Date of Birth
 - Problem with Mother's Maiden Surname
 - Problem with Gender
- No-Match on more than one required field
- Other (time out, no data for that year, etc.)



EVVE Pilot with SSA

- Birth/Death Verifications/Certifications
- August 2002 – December 2003
- Participating Vital Records Offices
 - California, Colorado, Hawaii, Iowa, Minnesota, Mississippi, Missouri, Oklahoma
- SSA Local Offices in 26 states had EVVE access



EVVE Pilot with AAMVA/DMVs

- Birth Verifications
- May 2004 – ongoing
- Vital Records Offices
 - Iowa, Minnesota, Missouri, Montana, North Dakota, South Dakota
- DMV Offices
 - Iowa, South Dakota, North Dakota
- Match rates on average are 86%
- Response times range from 3.3 to 8.3 seconds



EVVE Pilot with Medicaid

■ Birth Certifications

- February 2007 – ongoing
- Vital Records Offices
 - Iowa, Missouri, Minnesota, Montana, North Dakota, South Dakota
- Medicaid Offices
 - South Dakota



Medicaid EVVE Pilot Observations

- Birth Certification match rates on average (06/01/07 – 07/30/07)
 - Iowa: 41% match rate
 - Minnesota: 67% match rate
 - Missouri: 61% match rate
 - Montana 74% match rate
 - North Dakota: 74% match rate
 - South Dakota: 61% match rate
- Response times
 - Average 3 to 5 seconds

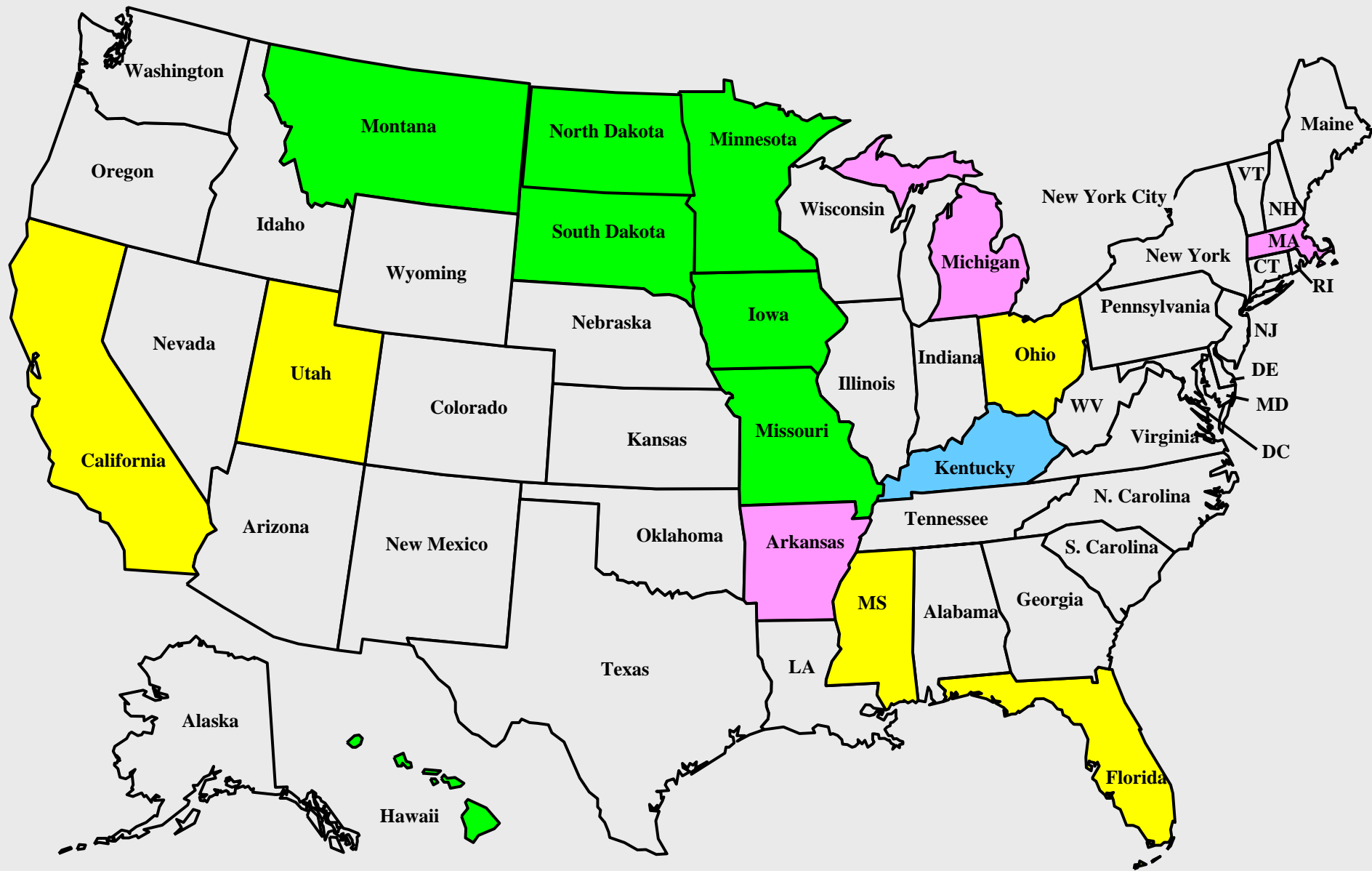



No Match Analysis

- NAPHSIS works with the vital records offices on no-matches
- Vital records offices work with their sister-agency offices on no-matches
- Data quality problems with birth records
 - Generational ID part of Last Name field
 - Name parsing errors
 - Native American Names
 - Tendency to go by a shorter version of the formal name assigned at birth
 - Spacing in name fields
- Incorrectly provided information entered by Medicaid users
- Identify training improvements
- Identify query algorithm improvements for the EVVE system



EVVE Implementation/Interests by Vital Records Jurisdiction – July 2007



-  On-line with EVVE
-  Expressed interest with own funding
-  Kentucky Real ID
-  Medicaid Transformation Grants

Vital Record Offices – Preparation for EVVE

- Need to automate birth records back to 1935
 - Establish a central database
 - 85% of birth records back to 1935 in electronic format
 - Perform data cleanup and quality improvements to legacy birth records
 - Standardize birth records in EVVE-compliant format
- Match birth and death records to mark deceased
 - Within the jurisdiction and between jurisdictions
- EVVE-SI module installed
- MOU between NAPHSIS and State Vital Records Office



Implementing EVVE

- Work with NAPHSIS and your vital records office
- Conduct conference call and EVVE demo
- Establish an MOU between NAPHSIS and State Medicaid Office
- User Agreement Form
 - Includes connectivity information
- User Confidentiality Form
- EVVE-ui User's Manual



EVVE-ui Logon Screen



EVVE™

Electronic Verification of Vital Events

Log In

EVVE User Interface Login Screen

User ID:

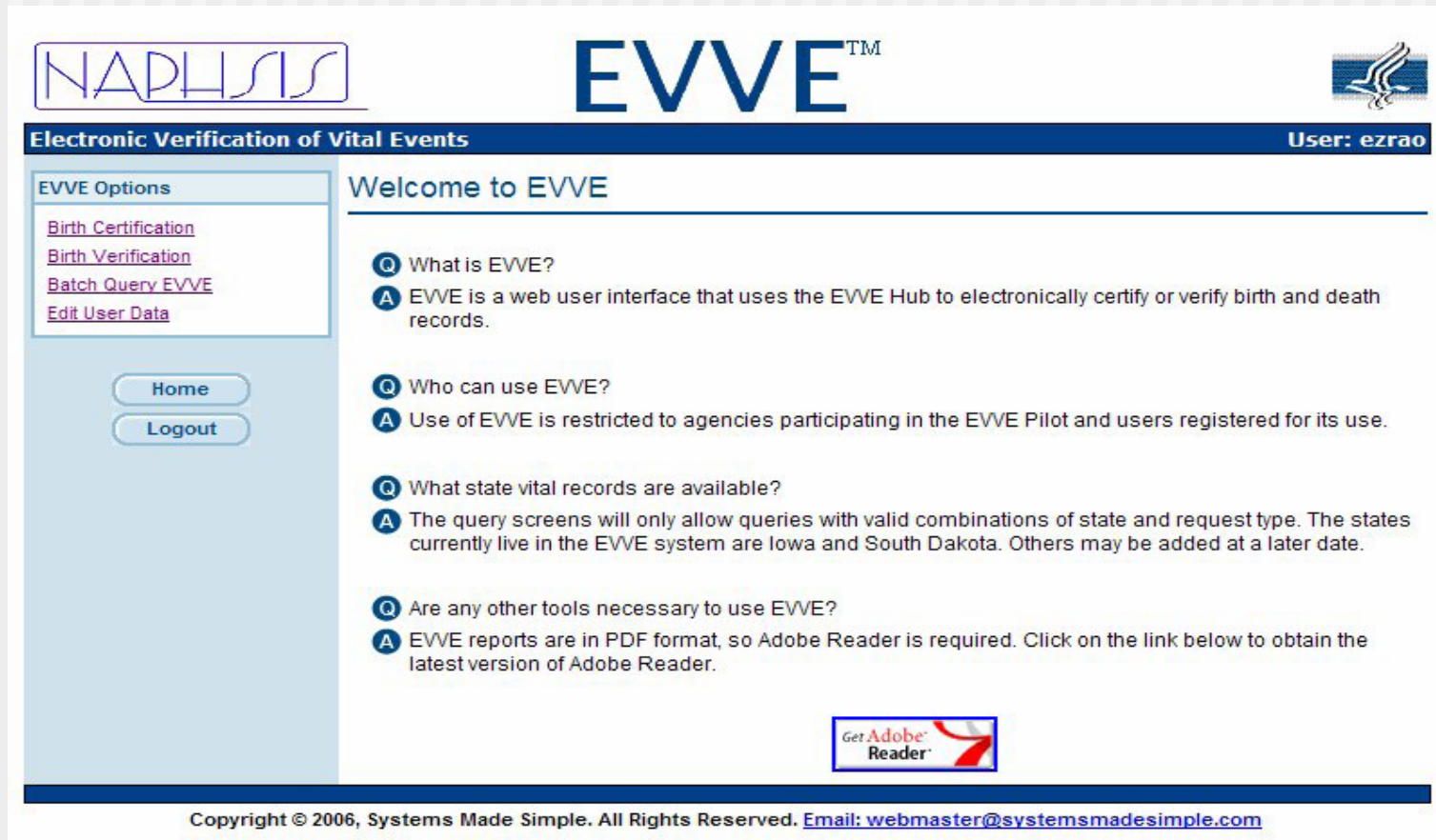
Password:

This site is intended to be used by authorized EVVE users for viewing and retrieving information only except as otherwise explicitly authorized. Information from this server resides on and transmits through computer systems and networks funded by the NAPHSIS and the participating states. All use of this system is subject to auditing and review. All use of this system constitutes understanding and unconditional consent and acceptance of these terms. Unauthorized attempts or acts to either (1) access, upload, change, or delete information on this system, (2) modify this system, or (3) deny access to this system are subject to action that may result in criminal, civil, or administrative penalties. This includes penalties for violations of Federal Laws including, but not limited to, 18 U.S.C. Â§1030 (fraud and related activity in connection with computers) and 18 U.S.C. Â§2701 (unlawful access to stored communications).

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EVVE-ui Welcome Screen



The screenshot shows the EVVE-ui Welcome Screen. At the top left is the NADPHSIS logo. In the center is the EVVE™ logo. At the top right is a logo of a stylized bird or wing. Below the EVVE logo is a dark blue banner with the text "Electronic Verification of Vital Events" on the left and "User: ezrao" on the right. On the left side, there is a light blue sidebar with a section titled "EVVE Options" containing links for "Birth Certification", "Birth Verification", "Batch Query EVVE", and "Edit User Data". Below these links are two buttons: "Home" and "Logout". The main content area is titled "Welcome to EVVE" and contains a list of questions and answers. At the bottom right of the main content area is a "Get Adobe Reader" button. At the bottom of the page is a dark blue footer with the text "Copyright © 2006, Systems Made Simple. All Rights Reserved. Email: webmaster@systemsmadesimple.com".

EVVE™

Electronic Verification of Vital Events User: ezrao

EVVE Options

- [Birth Certification](#)
- [Birth Verification](#)
- [Batch Query EVVE](#)
- [Edit User Data](#)

[Home](#)

[Logout](#)

Welcome to EVVE

Q What is EVVE?

A EVVE is a web user interface that uses the EVVE Hub to electronically certify or verify birth and death records.

Q Who can use EVVE?

A Use of EVVE is restricted to agencies participating in the EVVE Pilot and users registered for its use.

Q What state vital records are available?

A The query screens will only allow queries with valid combinations of state and request type. The states currently live in the EVVE system are Iowa and South Dakota. Others may be added at a later date.

Q Are any other tools necessary to use EVVE?

A EVVE reports are in PDF format, so Adobe Reader is required. Click on the link below to obtain the latest version of Adobe Reader.

[Get Adobe Reader](#)

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EVVE-ui Query Data Entry



Electronic Verification of Vital Events User: ezrao

EVVE Birth Certification

NOTE: required fields marked by red dot

● Request Type:	Birth Certification
● State of Birth:	State XX <input type="text"/>
● Registrant First Name:	<input type="text"/>
● Registrant Last Name:	<input type="text"/>
● Date of Birth:	<input type="text"/> / <input type="text"/> / <input type="text"/> (MM/DD/YYYY)
● Gender:	<input type="text"/>
● Mother's Maiden:	<input type="text"/>
Father's Surname:	<input type="text"/>
Query Result:	<input type="text"/>

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EVVE-ui Data Entry Error



EVVE™



Electronic Verification of Vital Events

User: ezrao

- EVVE Options
- [Birth Certification](#)
 - [Birth Verification](#)
 - [Batch Query EVVE](#)
 - [Edit User Data](#)

- Home
- Logout

EVVE Birth Certification

NOTE: required fields marked by red dot

THE FOLLOWING ERRORS MUST BE CORRECTED:

- Last Name is required.

• Request Type:	Birth Certification
• State of Birth:	State XX
• Registrant First Name:	evve
• Registrant Last Name:	
• Date of Birth:	08/01/2003 (MM/DD/YYYY)
• Gender:	Male
• Mother's Maiden:	evve
Father's Surname:	
Query Result:	

- Reset
- Submit



EVVE-ui No Match



EVVE™



Electronic Verification of Vital Events

User: ezrao

EVVE Options

- [Birth Certification](#)
- [Birth Verification](#)
- [Batch Query EVVE](#)
- [Edit User Data](#)

Home

Logout

EVVE Birth Certification

NOTE: required fields marked by red dot

● Request Type:	Birth Certification
● State of Birth:	State XX ▾
● Registrant First Name:	evve
● Registrant Last Name:	notreal
● Date of Birth:	08/01/2003 (MM/DD/YYYY)
● Gender:	Male ▾
● Mother's Maiden:	evve
Father's Surname:	
Query Result:	Your search did not find a match ▾

Reset

Submit

Detail



EVVE-UI Match



EVVE



Electronic Verification of Vital Events

User: admin

EVVE Options

- [Birth Certification](#)
- [Batch Query EVVE](#)
- [Edit User Data](#)

Home

Logout



ABOUT SSL CERTIFICATES

EVVE Birth Certification

NOTE: required fields marked by red dot

Request Type:	Birth Certification
State of Birth:	STATE XX
Registrant First Name:	ewve
Registrant Last Name:	notreal
Date of Birth:	08/01/2003 (MM/DD/YYYY)
Gender:	Female
Mother's Maiden:	dontuse
Father's Surname:	

Query Result:

Your search resulted in a successful match.

Submit

Reset

Detail

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EVVE Pricing

- EVVE hub transaction fees
- NAPHSIS session fees
- State certification match costs
 - Vary between in-state and out-of-state queries



Conclusion

- Legislation promotes the EVVE concept
 - Deficit Reduction Act
 - Intelligence Reform and Terrorism Prevention Act
 - Real ID Act
- NAPHSIS and its membership want to see EVVE become a nationwide system
 - Federal agencies
 - Sister agencies
- Making EVVE successful requires cooperation and partnership-building relationships
 - Between NAPHSIS and agencies
 - Between each jurisdiction vital records office and their respective agencies



Contact Information

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