

## CCWIS 6-Year Road Map

Comprehensive Child Welfare Information System  
*Strengthening CONNECTIONS for Caseworkers, Children, and Families*

### YEAR 1 (July 2018-June 2019)

<b>CCWIS Governance:</b> <ul style="list-style-type: none"><li>✓ CCWIS team established</li><li>✓ CCWIS governance established</li><li>✓ CONNECTIONS governance improvements</li><li>✓ Procured consulting services for APD and DQP development</li><li>✓ Local systems survey and begin analysis</li><li>✓ Communications/end user feedback loop established (monthly webex)</li></ul>
<b>CONNECTIONS Enhancements:</b> <ul style="list-style-type: none"><li>✓ Placement Search/Referral, Phases 1 and 2</li><li>✓ Updates to FAD Home Study and Documents Templates</li><li>✓ CARA (Comprehensive Addiction and Recovery Act)</li><li>✓ Specifying Drug Use</li><li>✓ Enhancements to support AFCARS and other Federal reporting requirements</li><li>✓ New CPS Allegations created</li><li>✓ Enhancements to support direct access to view family's prior child welfare history</li><li>✓ Family Relationship Matrix required for Investigations</li><li>✓ Many other small enhancements</li></ul>
<b>Data Exchanges:</b> <ul style="list-style-type: none"><li>✓ Local systems survey completed</li><li>✓ Data Exchange Standard planning</li><li>• Start to build MOUs and data exchange agreements</li></ul>
<b>Data Quality:</b> <ul style="list-style-type: none"><li>✓ Data Quality workgroup initiated (COFCCA and ACS)</li><li>✓ Data Quality Plan developed</li></ul>
<b>Reporting/DW/Operational Data Store:</b> <ul style="list-style-type: none"><li>✓ AFCARS and other Federal reporting enhancements</li><li>✓ Add ODS participants</li></ul>

**YEAR 2 (July 2019-June 2020)**

<p><b>CCWIS Governance:</b></p> <ul style="list-style-type: none"><li>• Procure/assign resources: project manager; data governance lead; consulting services for DQP/data exchange strategy; data exchange planning and design; data quality planning</li><li>• Finalize scope of IES/CCWIS</li><li>• Establish data governance committee</li><li>• Develop data governance policy and practice</li><li>• Continue to analyze and evaluate local systems survey results and determine potential new CONNX functionality</li></ul>
<p><b>CONNECTIONS Enhancements:</b></p> <ul style="list-style-type: none"><li>• Placement Search/Referral, Phase 3</li><li>• Document Image Management</li><li>• Child Passport (DOH Medicaid claims and encounters data)</li><li>• KinGap Management</li><li>• IVE Eligibility</li><li>• AFCARS/federal reporting data collection enhancements</li><li>• FAD Progress Notes</li><li>• Automating sections of CPS Intake to improve work flow; reduce data entry burden; and email alerts.</li><li>• Build Bulletin Announcements</li><li>• Enhancements to support Reduction of Duplicate PIDS</li><li>• Dashboard home page – Identify most beneficial content, including access to certain DW reports (static) available through CONNX interface (pending security implications)</li><li>• Many other small enhancements</li></ul>
<p><b>Data Exchanges:</b></p> <ul style="list-style-type: none"><li>• Design and begin to build Data Exchange Standard</li><li>• Identify and complete integration architecture</li><li>• Common Client Index - Determine opportunity to collaborate with IES</li><li>• Procure required professional services for data exchanges</li><li>• Identify software and hardware needs; begin procurement</li><li>• Work with business partners to plan for intro of mandatory data exchange sources</li><li>• Develop CONNX message schemas based upon identified data set(s) (1 way to start)</li><li>• Work on MOUs and data exchange agreements</li></ul>
<p><b>Data Quality:</b></p> <ul style="list-style-type: none"><li>• Identify data quality tool needs, including biennial review/evaluate software; begin procurement</li><li>• Build matrix to prioritize list of data quality measures based on impact and priority</li><li>• Finalize scope of data assets to review</li><li>• Develop prioritized list of data quality issues</li></ul>
<p><b>Reporting/DW/Operational Data Store:</b></p> <ul style="list-style-type: none"><li>• AFCARS and other Federal reporting enhancements</li><li>• Data Quality Reports development</li><li>• ODS enhancements (addition of data)</li><li>• Report changes needed to make access to DW reports (static) available through CONNX interface</li></ul>

**YEAR 3 (July 2020-June 2021)**

<p><b>CCWIS Governance:</b></p> <ul style="list-style-type: none"><li>• Procure resources: consulting services for DQP/data exchange strategy; data exchange development services; data exchange and data quality software and hardware</li><li>• Identify or procure lead to develop strategy for use of predictive analytics</li></ul>
<p><b>CONNECTIONS Enhancements:</b></p> <ul style="list-style-type: none"><li>• Service Authorizations (or interface)</li><li>• Medicaid Authorizations (or interface)</li><li>• Mobility – Progress Notes</li><li>• KW search on Helpful Info Docs</li><li>• Check Detail lists (navigation from incomplete task lists)</li><li>• Dashboard home page – stages with missing AFCARS data</li><li>• Family First Prevention Services Act enhancements</li><li>• OCI (open case inquiry) Report enhancements – alerts to work that is coming due and overdue</li><li>• Make access to DW reports (dynamic) easier/available through CONNX interface (pending security implications)</li></ul>
<p><b>Data Exchanges:</b></p> <ul style="list-style-type: none"><li>• Procure Data Exchange software/hardware</li><li>• Complete build and implementation of Data Exchange Standard</li><li>• Build integration infrastructure</li><li>• Master Person Index (develop/ collaborate)</li><li>• Develop CONNX message schemas based upon identified data set(s) (2 way)</li><li>• Select single exchange data set and system as POC and build functionality/do integration</li><li>• *Work on data exchanges per prioritized matrix and existence of signed agreements</li><li>• Continue work on MOUs and data exchange agreements</li></ul>
<p><b>Data Quality:</b></p> <ul style="list-style-type: none"><li>• Procure required DQ software and professional services</li><li>• Build DQ infrastructure (as defined)</li><li>• Evaluate data quality against defined measures as prioritized</li><li>• Define and develop processes for biennial data quality reviews</li><li>• Duplicate PID clean-up effort (using MDM and/or automated person matching logic)</li></ul>
<p><b>Reporting/DW/Operational Data Store:</b></p> <ul style="list-style-type: none"><li>• Data Quality Reports (cont'd)</li><li>• Report changes to make access to DW reports (dynamic) available through CONNX interface</li><li>• Develop strategy for the use of predictive analytics</li></ul>

**YEAR 4 (July 2021-June 2022)**

<p><b>CCWIS Governance:</b></p> <ul style="list-style-type: none"> <li>• Procure resources: data exchange development services; data exchange and data quality software licensing (as needed); predictive analytics tool</li> </ul>
<p><b>CONNECTIONS Enhancements:</b></p> <ul style="list-style-type: none"> <li>• TBD (based on external systems reviews)</li> <li>• Develop views based on new data exchanges</li> </ul>
<p><b>Data Exchanges:</b></p> <ul style="list-style-type: none"> <li>• *Work on data exchanges per prioritized matrix and existence of signed agreements, i.e.:             <ul style="list-style-type: none"> <li>○ --OCFS external systems</li> <li>○ --VAs (CWCAs)</li> <li>○ --LDSS</li> <li>○ --BICS (financial)</li> </ul> </li> <li>• Continue work on MOUs and data exchange agreements</li> </ul>
<p><b>Data Quality:</b></p> <ul style="list-style-type: none"> <li>• Implement data quality measures as prioritized</li> <li>• Biennial data quality review</li> <li>• Duplicate PID clean-up effort (using MDM and/or automated person matching logic) (Cont'd)</li> </ul>
<p><b>Reporting/DW/Operational Data Store:</b></p> <ul style="list-style-type: none"> <li>• Data Quality Reports (cont'd)</li> <li>• Support biennial data quality review</li> <li>• Procure predictive analytics tool</li> <li>• Build predictive analytics models, evaluate and select tool</li> </ul>

**YEAR 5 (July 2022-June 2023)**

<p><b>CCWIS Governance:</b></p> <ul style="list-style-type: none"> <li>• Procure resources: software licensing (as needed)</li> </ul>
<p><b>CONNECTIONS Enhancements:</b></p> <ul style="list-style-type: none"> <li>• TBD (based on external systems reviews)</li> <li>• Develop views based on new data exchanges</li> </ul>
<p><b>Data Exchanges:</b></p> <ul style="list-style-type: none"> <li>• *Work on data exchanges per prioritized matrix and existence of signed agreements, i.e.:             <ul style="list-style-type: none"> <li>○ --OCFS external systems</li> <li>○ --VAs (CWCAs)</li> <li>○ --LDSS</li> <li>○ --Courts</li> <li>○ --OTDA/WMS (PA/TANF)</li> <li>○ --DOH (Medicaid eligibility)</li> </ul> </li> <li>• Continue work on MOUs and data exchange agreements</li> </ul>
<p><b>Data Quality:</b></p> <ul style="list-style-type: none"> <li>• Implement data quality measures as prioritized</li> </ul>
<p><b>Reporting/DW/Operational Data Store:</b></p> <ul style="list-style-type: none"> <li>• Begin to develop analytics models</li> </ul>

**YEAR 6 (July 2023-June 2024)**

<b>CCWIS Governance:</b> <ul style="list-style-type: none"><li>• Procure resources: software licensing (as needed)</li></ul>
<b>CONNECTIONS Enhancements:</b> <ul style="list-style-type: none"><li>• TBD (based on external systems reviews)</li><li>• Develop views based on new data exchanges</li><li>• Begin to incorporate predictive analytics</li></ul>
<b>Data Exchanges:</b> <ul style="list-style-type: none"><li>• *Work on data exchanges per prioritized matrix and existence of signed agreements, i.e.:<ul style="list-style-type: none"><li>○ --VAs (CWCAs)</li><li>○ --LDSS</li><li>○ --Child support</li><li>○ --State Education</li></ul></li><li>• Continue work on MOUs and data exchange agreements</li></ul>
<b>Data Quality:</b> <ul style="list-style-type: none"><li>• Implement data quality measures as prioritized</li><li>• Biennial data quality review</li></ul>
<b>Reporting/DW/Operational Data Store:</b> <ul style="list-style-type: none"><li>• Support biennial data quality review</li><li>• Build and refine analytics models</li><li>• Predictive analytics reporting</li></ul>

**\*Data Exchanges:**

**Mandatory Bidirectional Data exchanges:**

- OCFS CWCS systems that collect CCWIS data
- CWCA systems
- LDSS systems
- Financial payments and claims (BICS/IES)

**If Practicable Data exchanges:**

- PA/TANF
- Courts
- State Education or other educational institution
- Child Support
- Medicaid eligibility
- MMIS/Medicaid claims (Child Passport)

**\*Data Sets (Messages/Views)**

**(EXAMPLES below; in process of being defined):**

- Person demographics
- Placement Request
- Placement
- Activities
- Progress Notes
- Resources
- Health
- Education