

**Creating a County Ad-Hoc
Report using the Counties
Replicated Data and the
Data Dictionary.**

November 2007

Current Ad-Hoc Report Request Process

- To request a custom ad-hoc report to be written by the State, you need to use the ad-hoc form found on the Knowledge Web website. Details of the request process is also found on the same page.
- http://dhfs.wisconsin.gov/wisacwis/knowledge_web/FAQ/faq_reports.htm

Where does the data come from to write a report?

- All counties have access to their county data, via a nightly process called Replication.
- 24 counties currently replicate their county data on a daily basis.
- Approx. 10 counties write their own ad-hoc reports.

What is Replication (REPL)?

- REPL is a Java application that will replicate, or copy, a County's eWiSACWIS data from the State. The data is taken from a copy of the live system using the data entered the day before.
- The data is copied to the County's Oracle Lite database, or any JDBC compliant DBMS, via a secure VPN connection.
- There are 112 tables available
 - Not every table in eWiSACWIS is replicated, Counties can request new tables to be added to REPL by contacting the eWiSACWIS team.
- If your county is not set up to run the replication job and you would like to access your data, please contact the eWiSACWIS team
- To find out what other tables are in eWiSACWIS use the DATA DICTIONARY this will also help you write your new ad-hoc report.

Data Dictionary

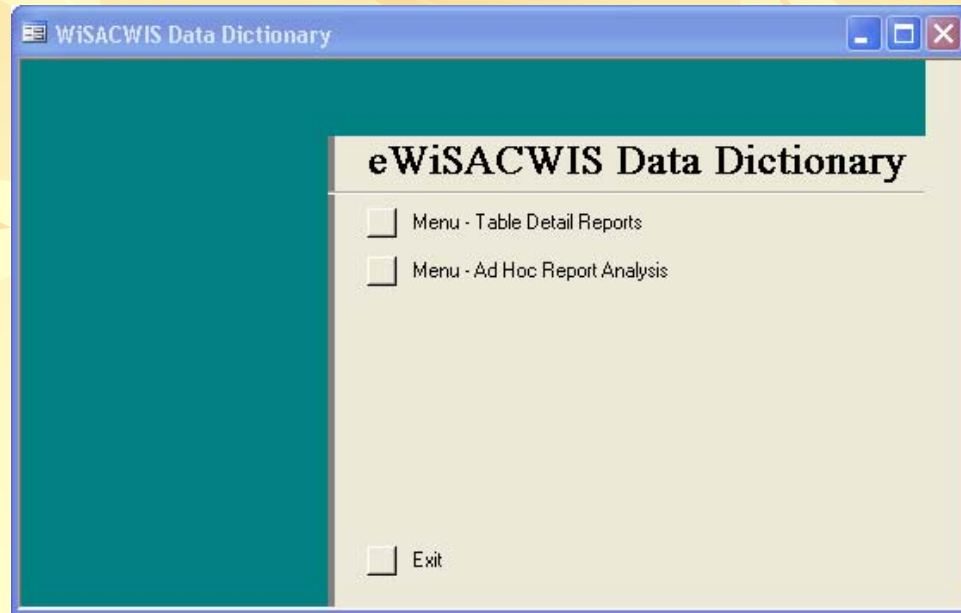
- A Microsoft Access database used for
 - Data Element Analysis and
 - Database Relationship Analysis
- Purpose of the Data Dictionary is twofold:
 - provides a place to view and maintain the metadata related to the eWiSACWIS database
 - provides the primary reference tool used by the counties and the State to assist in analysis and research and development of ad-hoc/CMI queries

Data Dictionary

- Available to any County:
 - Open the eWiSACWIS KnowledgeWeb, click on <Interfaces>, <Data Dictionary>
 - Or Web address:
http://dhfs.wisconsin.gov/wisacwis/knowledge_web/Interfaces/data_dictionary.htm

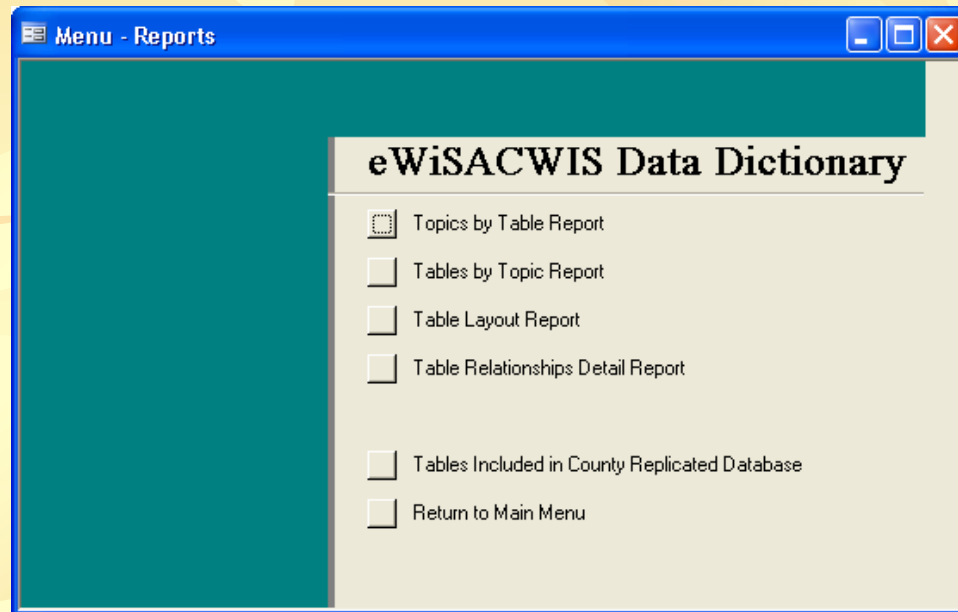
Data Dictionary Menus

- Available menu options to the counties
 - Menu – Table Detail Reports
 - Menu – Ad Hoc Report Analysis



Menu – Table Detail Reports

- Reports that are available for viewing the contents of the Data Dictionary in preview and print access modes.



Menu – Table Detail Reports

- **Topics by Table Report** - information about which eWiSACWIS topics are accessed by each of the eWiSACWIS tables

CPS_REPORT

The CPS REPORT table maintains basic information pertaining to a request for service from Child Protective Services. A CPS REPORT is the record of a reporter who contacts DHFS, the county child welfare division, or the county central intake unit to report allegations of abuse/neglect/at risk. Primary groups of information such as address, reporter information, approval information, RTM and corresponding risk levels are created and maintained by the processes of SM01 (CPS Reports).

<i>Associated Topics</i>	<i>Create</i>	<i>Read</i>	<i>Update</i>	<i>Delete</i>
SM01A PS Report	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SM04A MaintainCase	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SM04B Case Outliner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SM06A Assessment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Menu – Table Detail Reports

- **Tables by Topic Report** - information about which eWiSACWIS tables are accessed by each Topic.

SM01A PS Report		<i>Create Read Update Delete</i>			
<i>Associated Tables</i>					
ADDRESS	This table maintains all ADDRESS information pertaining to a PERSON, except Intake Report (Report and Referral). Address detail consists of home, business and any other address that is identified as required for WiSACWIS processing. Processes of CM01 (Manage Person) build and maintain this information.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ALLEGATION	This table maintains information pertaining to an accusation of a specific occurrence of abuse/neglect. An ALLEGATION is communicated through one CPS REPORT, but there can be multiple allegations in a CPS REPORT. An allegation is formed for each combination of alleged victim, alleged maltreater, and CAN code. Processes of SM01a (CPS Reports) and SM06a (Assessment) build and maintain the allegation information.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CPS_REPORT	The CPS REPORT table maintains basic information pertaining to a request for service from Child Protective Services. A CPS REPORT is the record of a reporter who contacts DHFS, the county child welfare division, or the county central intake unit to report allegations of abuse/neglect/at risk. Primary groups of information such as address, reporter information, approval information, RIM and corresponding risk levels are created and maintained by the processes of SM01 (CPS Reports).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Menu – Table Detail Reports

- **Table Layout Report** - table and field information in a format matching each table's physical organization. The report is available for a selected table or for all tables.

Table Name: CPS_REPORT

The CPS REPORT table maintains basic information pertaining to a request for service from Child Protective Services. A CPS REPORT is the record of a reporter who contacts DHFS, the county child welfare division, or the county central intake unit to report allegations of abuse/neglect/at risk. Primary groups of information such as address, reporter information, approval information, RTM and corresponding risk levels are created and maintained by the processes of SMD1 (CPS Reports).

#	Field Name	Key	Rqd	Reference Table
1	ID_CPS	Yes	Yes	
				Unique ID of the CPS Intake.
2	CD_MTHD	No	Yes	CODE_DESC_S ID_SDESC_G = CPSMTHD
				Report method code from reference code CODE DESC STATIC, ID GROUP = CPSMTHD.
3	CD_LANG	No	No	CODE_DESC ID_GRP = LANGUAGE
				Reference code for the primary language spoken. See ref table CODE DESC; group LANGUAGE.

Menu – Table Detail Reports

- **Table Relationships Detail Report** - detailed information about each logical table to table relationship in eWiSACWIS.

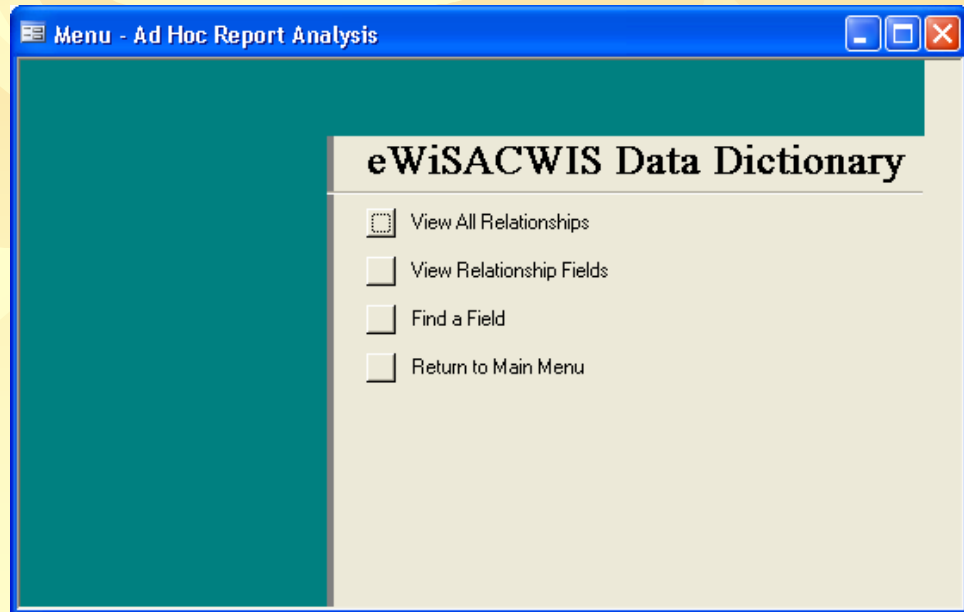
Relationship			
#	Parent Table Field Name	Child Table Field Name	Condition String
CPS_REPORT 0-M DOC_NARRATIVE 1			
1	ID_CPS	ID_WRK	DOC_NARRATIVE.CD_WRK_TYPE= 1, 2, 3, 4, 5, 6, 7, OR 8
CPS_REPORT 1-M INTAKE_PART 1			
1	ID_CPS	ID_INTK	CD_INTK_TYPE = "1" (CPS Report)
CPS_REPORT 0-M INVESTIGATION_CNTC 1			
1	ID_CPS	ID_CPS	

Menu – Table Detail Reports

- Tables included in the County Replicated Database.
 - Some of the key tables in REPL are PERSON, CASE, PROVIDER_ORG, EPISODE, ADDRESS, SERVICE_TYPE, CASE_PART, CODE_DESC and more recently ACCESS_REPORT.

Menu - Ad Hoc Report Analysis

- Menu for assisting in finding the table columns, and table relationship information



Menu - Ad Hoc Report Analysis

- **View All Relationships** - all eWiSACWIS table to table relationships.

Table:

Relationships

Table Name	Relationship	Related Table Name	Rel Num
▶ ADOPTION_ELIG	1:M	ADOPTION_ELIG_REDET	1
CASE	0:M	ADOPTION_ELIG	1
PERSON	0:M	ADOPTION_ELIG	1

frmAllRelationshipTableList

Select a Relationship Table

Press a letter key to position the list.

Table Name	Number of Relationships
▶ ADDRESS	6
ADOPTION_DECREE	6
ADOPTION_ELIG	3
ADOPTION_ELIG_REDET	1
ADOPTION_MATCH	4
ADOPTION_PERSON	12
ADOPTION_SEARCH_AFFD	2
ADOPTION_SEARCH_ASSCPeOPLE	3
ADOPTION_SEARCH_DETAIL	5
ADOPTION_SEARCH_ITEM	2
ADOPTION_SEARCH_MASTER	5

Menu - Ad Hoc Report Analysis

- **View Relationship Fields** - details of the fields used to join two related eWiSACWIS tables.

The screenshot shows a window titled 'frmViewRelationshipFields' with the following content:

View Relationship Fields

Relationship:
ADOPTION_ELIG | 0-M | ADOPTION_ELIG_REDET | 1

Relationship Fields

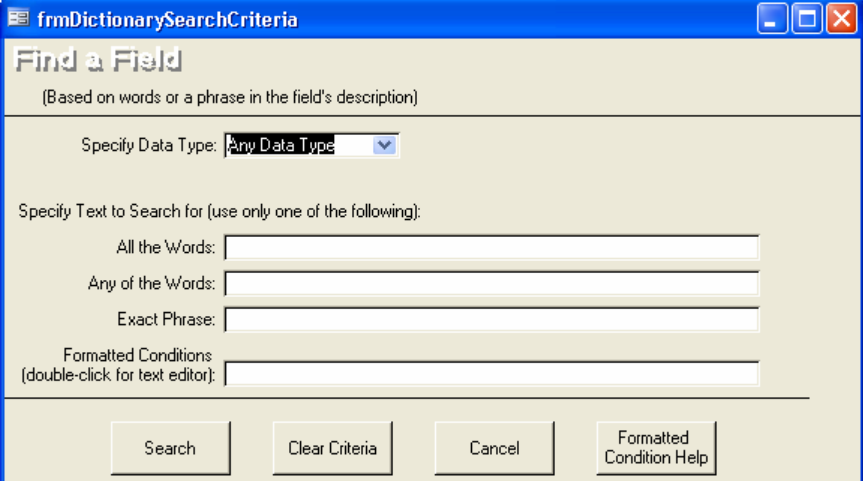
Order	Field Name	Related Field Name	Condition String (double-click to view)
1	ID_ELIG	ID_ELIG	

Select a Relationship

Record: 1 of 453

Menu - Ad Hoc Report Analysis

- **Find a Field** - a search tool that searches the Data Dictionary for eWiSACWIS fields that satisfy user-specified criteria.
 - The description fields can easily be searched for all the words, any of the words, or an exact phrase.



The screenshot shows a Windows-style dialog box titled "frmDictionarySearchCriteria" with the subtitle "Find a Field". Below the subtitle is the text "(Based on words or a phrase in the field's description)". The dialog contains a "Specify Data Type:" label followed by a dropdown menu currently set to "Any Data Type". Below this is a section labeled "Specify Text to Search for (use only one of the following):" which includes three radio buttons and text input fields: "All the Words:", "Any of the Words:", and "Exact Phrase:". At the bottom of the dialog is a section for "Formatted Conditions (double-click for text editor):" with a text area. The bottom of the dialog features four buttons: "Search", "Clear Criteria", "Cancel", and "Formatted Condition Help".

Demo showing how to create an ad-hoc report using Microsoft Access linking to a counties replicated database.

Simple SQL showing how to find children in out of home placements

```
SELECT DISTINCT p.id_prsn as "Person ID"  
, p.nm_frst as "First Name"  
, p.nm_lst as "Last Name"  
, cd.tx_sdesc_lrg as "Gender"  
, p.dt_brth as "DOB"  
FROM episode e  
, CASE c  
, person p  
, code_desc_static cd  
WHERE  
c.id_case=e.id_case  
AND p.id_prsn = e.id_prsn  
AND e.cd_epsd_type = 1 -- 1= out of home  
AND cd.id_sdesc_grp (+) = 'PRSNGNDR'  
AND cd.id_sdesc_grpi (+) = p.cd_gndr
```