



**Improving Collection *of*
HIV Exposure in ARIES**

September 29, 2011

teamwork

Welcome!

- The State Office of AIDS continues to work with providers to improve data quality in ARIES.
- Today's webinar will focus on collecting:
 - HIV Exposure.

Objectives

- Discuss HIV Exposure importance and definition.
- Review how to edit HIV Exposure .
- Provide tips for HIV Exposure .
- Show how to run the Fix-It: HIV Exposure Report.
- Allow time for questions, answers and closing.

HIV Exposure Importance

- This field is critical in ARIES for several reasons:
 - It helps providers understand how their clients were exposed to HIV/AIDS; this information can be helpful for clients' HIV/AIDS case management and needs assessments.
 - It assists agencies, fiscal agents and the CA OA in monitoring HIV/AIDS epidemic trends in their respective areas.

HIV Exposure Importance

- HIV Exposure is also important in that it can be used for:
 - Planning prevention programs,
 - Targeting risk-reduction interventions,
 - Evaluating HIV/AIDS programs, and
 - Identifying new or unusual cases of infection.

(Internet Citation for the above:

http://www.cdc.gov/hiv/topics/prev_prog/ahp/resources/other/pdf/Sample_Article.pdf)

HIV Exposure Importance

- HIV Exposure is required for:
 - HIV Care Program (HCP),
 - Medi-Cal Waiver Program (MCWP),
 - HRSA's Ryan White Data Report (RDR) and
 - HRSA's Ryan White Services Report (RSR).

HIV Exposure Definition

- When in ARIES, HIV Exposure appears as the “Client Risk Factors” Section.
- The Client Risk Factors Section asks the question, “What behaviors did the client engage in prior to his/her first HIV positive test result? Check all that apply.”
- If the client was 13 years of age or less at the time of exposure, you must click the “Pediatric” checkbox.
- The ARIES user will then proceed to check the boxes next to the exposures that apply:

HIV Exposure Fields - Definitions

HIV Exposure Check-Box	HIV Exposure Definition
Sex with Male	If the client had sex with men, whether or not their sexual partner was known to be HIV+.
Sex with Female	If the client had sex with women, whether or not their sexual partner was known to be HIV+.
Injected nonprescription drugs	Check this box if the client used drugs delivered by needle. Example: If the client injected heroin or methamphetamine.
Received clotting factor for hemophilia/ coagulation disorder	Check this box if the client had or has a coagulation disorder like hemophilia and received clotting factor. HIV can be carried in infected blood products.
Received transfusion of blood/blood components (other than clotting factor), transplant of tissue/ organs or artificial insemination	Check this box if the client has received any such item (excluding clotting factor). HIV can be transmitted in infected blood products, organs, or any bodily fluid, including semen.

HIV Exposure Fields - Definitions

HIV Exposure Check-Box	HIV Exposure Definition
Worked in healthcare or clinical lab setting	Check this box if the client worked in this type of environment. Those who work in laboratories or in healthcare facilities can be at greater risk of HIV exposure.
Mother HIV infected/Perinatal transmission	This check box can only be selected if the client was 13 and under at the time of exposure. HIV+ mothers can potentially infect their unborn child during pregnancy. If the client's mother was known to be HIV+ while pregnant with the client, select this check box.
Sexual abuse (pediatric only)	This check box can only be selected if the client was 13 and under at the time of exposure. Check this box if the client was sexually abused and at risk of HIV exposure.
Other	Check this box if the client engaged in other behaviors considered to be a high risk for HIV exposure.
Unknown	Check this box if the client's risk behavior is unavailable.

Sex Partner Risk Factors, Heterosexual Contact Only - Definitions

- After the ARIES user checks the appropriate boxes on Client Risk Factors the user must consider whether or not to answer the “Sex Partner Risk Factors, Heterosexual Contact Only” section.
- If the client engaged in heterosexual contact and the client’s partner was at-risk or known to be infected, then the ARIES user will then proceed to check the boxes next to the “Sex Partner Risk Factors” that apply:

Sex Partner Risk Factors, Heterosexual Contact Only - Definitions

Sex Partner Risk Check-Box	Sex Partner Risk Definitions
Intravenous/injection drug user	Check this box if the client's partner used drugs delivered by needle. Example: If the client's partner injected heroin or methamphetamine.
Bisexual Male	Check this box if the client's sexual partner was a male who engaged in homosexual and heterosexual sex.
Person with AIDS or documented HIV	Check this box if the client's sexual partner has AIDS or has ever tested positive for HIV.
Other (person with hemophilia/coagulation disorder, transfusion recipient with documented HIV infection, Transplant recipient with documented HIV infection)	Check this box if the client's partner received any blood products, tissue, or organs known to have been infected by HIV.
Unknown	Check this box if the client's partner's HIV risk factors were unavailable.

Editing HIV Exposure

- We're going to review the steps for editing HIV Exposure for an existing client.
- Please note that the data in the ensuing slides are fictitious client data from our ARIES Demonstration website.
- We'll also provide tips for collecting accurate information.

Begin by finding the client record & going to the Risk & Assessments major tab...

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DEMO DEMO DEMO DEMO DEMO DEMO DEMO DEMO

Client Search

To find a client, or to check if a client is new to your agency, enter in some or all of the following information. You may use the wildcard *.

Last Name	<input type="text" value="Ashton"/>	
First Name	<input type="text" value="Zach"/>	
Middle Initial	<input type="text"/>	
Client ID	<input type="text"/>	
SSN	<input type="text"/>	123-45-6789
Date of Birth	<input type="text"/>	mm/dd/yyyy
Display	<input type="text" value="20"/> results	
	<input type="checkbox"/> Search Related/Affected Individuals	

[Contact Information](#)

From the Risk Factors Read-Only sub-tab screen, click “Edit.”

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DEMO DEMO DEMO DEMO DEMO DEMO DEMO

DEMO-GRAPHICS ELIGIBILITY PROGRAMS MEDICAL MEDICATIONS RISK & ASSESSMENTS CARE PLAN CASE NOTES SERVICES CUSTOM DATA

RISK FACTORS SUBSTANCE ABUSE MENTAL HEALTH ASSESSMENTS RISK & ASSESSMENTS ARIES

Zach A Ashton ⚠

Risk Factors **Edit** ←

Pediatric: No

Factors (behaviors client engaged in prior to first HIV+ test result):


Client Risk Factors:

- Sex with Male
- Sex with Female
- Injected nonprescription drugs
- Received clotting factor for hemophilia/coagulation disorder
- Received transfusion of blood/blood components (other than clotting factor), transplant of tissue/organs or artificial insemination
- Worked in healthcare or clinical lab setting
- Mother HIV infected/Perinatal transmission
- Sexual abuse (pediatric only)
- Other
- Unknown

Sex Partner Risk Factors, Heterosexual Contact ONLY:

- Intravenous/injection drug user
- Bisexual Male
- Person with AIDS or documented HIV
- Other (person with hemophilia/coagulation disorder, transfusion recipient with documented HIV infection, Transplant recipient with documented HIV infection)
- Unknown

Primary HIV Exposure:
Secondary HIV Exposure:



Answer the question, “What behaviors did the client engage in prior to his/her first HIV positive test result?” Then, check all that apply. Also note the large red asterisk next to the question; this means these fields are HRSA-required for the RDR and RSR.

DEMO DEMO DEMO DEMO DEMO DEMO DEMO

Zach A Ashton Risk Factor

Pediatric

*** What behaviors did the client engage in prior to his/her first HIV positive test result? Check all that apply:**

Client Risk Factors

- Sex with Male
- Sex with Female
- Injected nonprescription drugs 
- Received clotting factor for hemophilia/coagulation disorder
- Received transfusion of blood/blood components (other than clotting factor), transplant of tissue/organs or artificial insemination
- Worked in healthcare or clinical lab setting
- Mother HIV infected/Perinatal transmission
- Sexual abuse (pediatric only)
- Other 
- Unknown

Sex Partner Risk Factors, Heterosexual Contact ONLY

- Intravenous/injection drug user
- Bisexual Male
- Person with AIDS or documented HIV
- Other (person with hemophilia/coagulation disorder, transfusion recipient with documented HIV infection, Transplant recipient with documented HIV infection)
- Unknown

Primary HIV Exposure

Secondary HIV Exposure

Note that if you select a risk factor that specifies that the client had heterosexual contact, you will be prompted with the question below. This question is a reminder message to explain that if the client engaged in heterosexual sex and this client's partner was at-risk or known to be infected then select the partner's risk factors on the right of the screen.

DEMO DEMO DEMO DEMO DEMO DEMO DEMO


Zach A Ashton Risk Factor

Pediatric

*** What behaviors did the client engage in prior to his/her first HIV positive test result? Check all that apply:**

Client Risk Factors	Sex Partner Risk Factors, Heterosexual Contact ONLY
<input type="checkbox"/> Sex with Male	<input type="checkbox"/> Intravenous/injection drug user
<input checked="" type="checkbox"/> Sex with Female	<input type="checkbox"/> Bisexual Male
<input checked="" type="checkbox"/> Injected nonprescription drugs	<input type="checkbox"/> Person with AIDS or documented HIV
<input type="checkbox"/> Received clotting factor for disorder	
<input type="checkbox"/> Received transfusion of blood (other than clotting factor) or tissue/organs or artificial heart	
<input type="checkbox"/> Worked in healthcare or dental office	
<input type="checkbox"/> Mother HIV infected/Perinatal	
<input type="checkbox"/> Sexual abuse (pediatric only)	
<input checked="" type="checkbox"/> Other	
<input type="checkbox"/> Unknown	

Message from webpage

 You have checked a risk factor that indicates the client engaged in heterosexual contact. Heterosexual contact is not a CDC-defined HIV Risk Factor unless the client's heterosexual partner was at-risk or known to be infected. If the client's heterosexual partner was at-risk or known to be infected, please also select the appropriate Heterosexual Contact risk factor from the column on the right side of the screen.

OK

Primary HIV Exposure

Secondary HIV Exposure

In this example, the client's partner was at-risk or known to be infected. The client's partner was an IV drug user and so the appropriate risk box was checked based on the partner's risk. Also note the "Primary HIV Exposure" and "Secondary HIV Exposure" fields at the bottom are not HRSA required; these do not appear in the RDR or RSR. They are also not used in the Fix-It report. These fields are optional, for you to use to capture the client's primary and/or secondary HIV exposure if known.

DEMO DEMO DEMO DEMO DEMO DEMO DEMO

Zach A Ashton Risk Factor

Pediatric

*** What behaviors did the client engage in prior to his/her first HIV positive test result? Check all that apply:**

Client Risk Factors

- Sex with Male
- Sex with Female
- Injected nonprescription drugs
- Received clotting factor for hemophilia/coagulation disorder
- Received transfusion of blood/blood components (other than clotting factor), transplant of tissue/organs or artificial insemination
- Worked in healthcare or clinical lab setting
- Mother HIV infected/Perinatal transmission
- Sexual abuse (pediatric only)
- Other
- Unknown

Sex Partner Risk Factors, Heterosexual Contact ONLY

- Intravenous/injection drug user
- Bisexual Male
- Person with AIDS or documented HIV
- Other (person with hemophilia/coagulation disorder, transfusion recipient with documented HIV infection, Transplant recipient with documented HIV infection)
- Unknown

Primary HIV Exposure

Secondary HIV Exposure


- Men who have sex with men (MSM)
- Injection drug user (IDU)
- Men who have sex with men and injection drug user (MSM and IDU)
- Hemophilia/coagulation disorder
- Heterosexual contact with an at-risk or infected partner
- Receipt of transfusion of blood, blood components or tissue
- Mother HIV infected/Perinatal transmission
- Sexual abuse (pediatric only)
- Other
- Undetermined
- Risk not reported
- Unknown

[Contact Information](#)

Lastly, if the client was 13 and under at the time of exposure, you must check the “Pediatric” check-box. By checking this box, ARIES will turn on the “Mother HIV Infected/Perinatal Transmission” and “Sexual Abuse (Pediatric Only)” answer options. These two check boxes are for Pediatric-exposed clients and are always grayed-out for adult clients.



DEMO DEMO DEMO DEMO DEMO DEMO DEMO

Zach A Ashton Risk Factor

Pediatric 

*** What behaviors did the client engage in prior to his/her first HIV positive test result? Check all that apply:**

Client Risk Factors

- Sex with Male
- Sex with Female
- Injected nonprescription drugs
- Received clotting factor for hemophilia/coagulation disorder
- Received transfusion of blood/blood components (other than clotting factor), transplant of tissue/organs or artificial insemination
- Worked in healthcare or clinical lab setting
- Mother HIV infected/Perinatal transmission 
- Sexual abuse (pediatric only) 
- Other
- Unknown

Sex Partner Risk Factors, Heterosexual Contact ONLY

- Intravenous/injection drug user
- Bisexual Male
- Person with AIDS or documented HIV
- Other (person with hemophilia/coagulation disorder, transfusion recipient with documented HIV infection, Transplant recipient with documented HIV infection)
- Unknown

Primary HIV Exposure

Secondary HIV Exposure

Tips for Collecting HIV Exposure

- Remember to check the boxes on all the HIV Exposure categories that apply to the client. You can select more than one if needed.
- Remember that if your client engaged in heterosexual contact with a partner that is at-risk or known to be infected, you must check the partner's risks to the right of the screen.

Tips for Collecting HIV Exposure

- Remember to check the “Pediatric” check box if your client was 13 and under at the time of his or her HIV exposure. This feature will turn on the pediatric risks.
- Lastly, remember that the HIV Exposure check-box fields are designed to capture the HIV risks or exposures that your client encountered. These fields do not collect information on behaviors your client might currently be engaging in.

Running the Fix-It Report

- We hope these tips help improve your data collection in the future.
- Some of your records need attention now. We have designed a report that will help you find records in your agency that need HIV Exposure updated or corrected.

To locate the **Fix-It: HIV Exposure** report go to **Reports** and select the **Client** menu.

The screenshot shows a web application interface. At the top, there is a navigation bar with links: < Back, Home, Find, New, Reports, Shortcuts, Help, and Logout. The 'Reports' link is highlighted in orange, and a red arrow points to the 'Client' sub-menu item. Below the navigation bar, there are several tabs: DEMOGRAPHICS, ELIGIBILITY, PROGRAMS, MEDICAL, MEDICATIONS, and SERVICES. The 'DEMOGRAPHICS' tab is active, showing sub-tabs: CONTACT INFO, DEMOGRAPHIC DETAIL, LIVING SITUATION, and AGENCY SPECIFICS. Below the tabs, the user profile for Zack J Ashton is displayed. The profile includes contact information, phone numbers, and a note about confidentiality.

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DEMOGRAPHICS ELIGIBILITY PROGRAMS MEDICAL MEDICATIONS SERVICES

CONTACT INFO DEMOGRAPHIC DETAIL LIVING SITUATION AGENCY SPECIFICS CONTACT INFORMATION

Zack J Ashton

Contact Information [Edit](#)

Phones:
936-864-2875 (Mobile) -- be confidential; no messages
936-847-3452 (TTY) -- do not contact; be confidential; no messages
zaashon106@ibm.com -- be confidential; no messages

Contact by mail: No
Be confidential
Note: Note: Contact Dr. Howard Tsai regarding Blindness
... ..

The Fix-It: HIV Exposure Report is located at the bottom of the report page.

[Fix-It: Insurance](#)

Lists clients served within a date range and any problems with Insurance.

[Fix-It: Poverty Level](#)

Lists clients served within a date range and any problems with Household Income, Household Size, or Household Poverty Level

[Fix-It: Race and Ethnicity](#)

Lists clients served within a date range and any problems with Race 1 or Hispanic Ethnicity

[ARIES ID and Primary Staff Name](#)

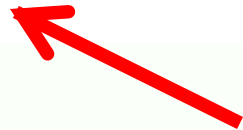
Lists all clients by ARIES ID, plus the name of the Primary Staff person

[Fix-It: HIV/AIDS Diagnosis Dates](#)

Lists clients served within a date range and any problems with HIV+ Date, HIV+ Year, or AIDS Diagnosis Date.

[Fix-It: HIV Exposure Categories](#)

Lists clients served within a date range and any problems with HIV Risk Factors



Input your specified dates on the Report Filter Value page. Click “Report” to generate your HIV Exposure Report.

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DEMO DEMO DEMO DEMO DEMO DEMO DEMO

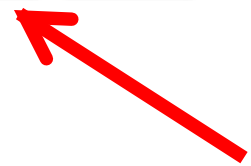
Report Filter Values

Fix-It: HIV Exposure Categories

Service Line Item Service Date &

Display results Display print format

[Contact Information](#)



Running the Fix-It Report

- What will appear is a report showing records for all clients served by your agency during the specified date range.
- Error messages will indicate which records need attention and why.
- The report will look something like this...

Sample Fix-It HIV Exposure Report

Fix-It: HIV Exposure Categories				
ARIES ID	Client	RDR Risk Category	Errors	Service Count
10000655	Jones, Cynthia G		Missing HIV Exposure Category	1
10001334	Smith, Aaron F	Undetermined / unknown / risk not reported or identified	Missing HIV Exposure Category	1
10001577	Smith, Cathy N		Missing HIV Exposure Category	2
10003747	Bevins, Paula F	Undetermined / unknown / risk not reported or identified	Missing HIV Exposure Category	2
10003748	Abba, Jason R		Missing HIV Exposure Category	1
10004108	Edwards, Cynthia	Undetermined / unknown / risk not reported or identified	**WARNING** Heterosexual Contact but no Heterosexual Risk, Missing HIV Exposure Category	3
10004376	Martinez, Julia R	Undetermined / unknown / risk not reported or identified	**WARNING** Heterosexual Contact but no Heterosexual Risk, Missing HIV Exposure Category	2
10000085	Ashton, Zack J	MSM and IDU		4
10000125	Allison, Derek I	Men who have sex with men (MSM)		2
10001411	Smith, Josh M	Mother with/at risk for HIV infection (perinatal transmission)		2
10001569	Smith, Jim H	Men who have sex with men (MSM)		1

Running the Fix-It Report

Error Message	Error Message Definition
Missing HIV Exposure Category	RDR category is NULL or "Undetermined / Unknown / Risk Not Reported or Identified"
Warning Heterosexual Contact but no Heterosexual Risk	A male client with "Sex with a Female" or a female client with "Sex with a Male" but none of the Heterosexual Risks are checked.

Running the Fix-It Report

Tips for understanding the Fix-It Report:

- If the error message states, “Missing HIV Exposure Category” either the field is blank, or the field has “Undetermined / Unknown / Risk Not Reported or Identified.”
- If a client has no error message listed, then the client HIV Exposure field is ok.

Running the Fix-It Report

Tips for understanding the Fix-It Report:

- If the error message states “Warning - Heterosexual Contact but no Heterosexual Risk” the ARIES user should determine if the heterosexual contact was with an at-risk or infected person and check the appropriate partner’s risk factor. If the client was not with an at-risk or infected person the ARIES user can ignore the error message.

Running the Fix-It Report

Tips for understanding the Fix-It Report:

- Note that one of the columns on the Fix-It Report is called, “RDR Risk Category.” This column lists the entered RDR Risk (unless it is NULL, as indicated with a blank). Per HRSA’s instructions, the RDR reports only 1 risk, even when several check-boxes are checked; the RDR counts risks according to HRSA’s exposure hierarchy. The RSR however, reports all exposures/risks that are checked in ARIES. Thus, the Fix-It report will list the 1 risk per client that will be counted on your RDR.

Running the Fix-It Report

- Please look up the clients with error messages using their ARIES ID.
- Resolve the error by looking in client's charts and/or assessments for the missing or inaccurate information.
- Then update ARIES accordingly.

Questions & Answers

- Do you have any questions?
- **Additional Resources:**
 - This presentation is posted in the Training section of www.projectaries.org.
 - The **ARIES User Manual** can be accessed by pressing the F1 button while in ARIES.
 - The ARIES Help Desk can be reached at **866-411-ARIES (2743)**.

Thank you!

- Thank for participating! We hope that this has been a productive use of your time.
- Together we can improve ARIES data quality!