



ARIES Focused Technical Assistance:

Improving PCP Prophylaxis Data

July, 2012

teamwork



Improving Data Collection

- The State Office of AIDS (OA) works with providers to improve the quality of data that is collected and entered into ARIES.
- Today we're going to discuss PCP Prophylaxis data entry and cleanup.

Agenda: Improving PCP Prophylaxis Data

- Why is this important?
- Entering PCP Prophylaxis data
- Data cleanup: the Fix-It PCP Prophylaxis Report
- Questions

Why is this important?

- Pneumocystis Pneumonia (PCP) is the most common opportunistic infection in people with HIV.
- It is one of HAB's clinical indicators for medical providers.
- Quality data are needed to effectively evaluate care.

Why is this important? (cont.)

- Ryan White providers who are funded for Outpatient/Ambulatory Medical Care are required to report whether PCP Prophylaxis was prescribed on their Ryan White Services Report (RSR).
- The HIV Care Program (HCP)—the state's Ryan White Part B program—requires PCP Prophylaxis data to be entered in ARIES.
- HCP monitors these data in their annual site visits.

ARIES HCP Site Monitoring Report

Quality Management

...Continued

The target set by OA for Measure 3 is that 75% of HCP clients with HIV infection and a CD4 T-Cell count below 200 cells/mm³ should have been prescribed *Pneumocystis pneumonia* (PCP) prophylaxis during the fiscal year. For ARIES County Public Health Department, 70.0% of eligible HCP clients met this measure compared to 34.7% statewide.

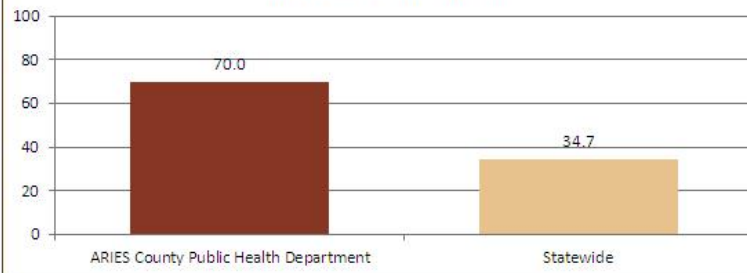
The target set by OA for Measure 12a is that 75% of HCP clients with AIDS should have been prescribed Highly Active Antiretroviral Therapy (HAART) during the fiscal year. For ARIES County Public Health Department, 100.0% of eligible HCP clients met this measure compared to 84.4% statewide.

Continued...

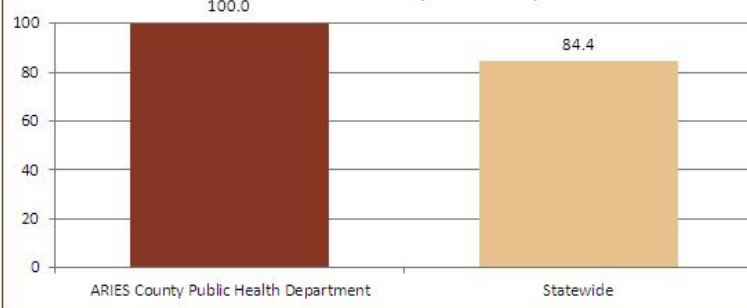
Contra Costa County Public Health Department

6

Percent of HCP Clients with HIV Infection and a CD4 T-Cell Count Below 200 Cells/mm³ who Were Prescribed PCP Prophylaxis in FY 2010-11 (Measure 3)



Percent of HCP Clients with AIDS who were Prescribed HAART in FY 2010-11 (Measure 12a)



Entering PCP Prophylaxis data

- We will review the steps for entering PCP Prophylaxis information for a client in ARIES.
- We will also give tips for collecting this information accurately.

Begin by searching for the client record.

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="flash"/>	
First Name	<input type="text" value="jack"/>	
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		
<input type="button" value="Search >"/>		

Click "Search"

If the client record is found, ARIES brings you to the Demographics tab.

< Back Home Find New Reports Shortcuts Help Logout

DEMO DEMO DEMO DEMO DEMO

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

CONTACT INFO DEMOGRAPHIC DETAIL LIVING SITUATION AGENCY SPECIFICS CONTACT INFOR

Jack B Flash

Contact Information [Edit](#)

Phones:
530-889-2437 (Work) -- do not contact; be confidential; no messages

Residence:
as of 1/1/2001
1234 Grass Valley Hwy
Auburn, CA 95603
County: Placer
Geog Area/HSDA:

Previous Address:
as of 1/1/2001
1234 Grass Valley Hwy
Auburn, CA 95603
County: Placer
Geog Area/HSDA:

[Contact Information](#)

Contact by mail: No
Be confidential

Mailing Address:
1234 Grass Valley Hwy
Auburn, CA 95603
County: Placer
Geog Area/HSDA:

Emergency:
Jill Flash
1234 Grass Valley Hwy
Auburn, CA 95603
Phone 1: 530-889-2437
Phone 2:
be confidential; no messages

NOTE: This demonstration uses fictitious client data

To enter PCP Prophylaxis data...

< Back Home Find New Reports Shortcuts Help Logout

DEMO DEMO DEMO DEMO DEMO

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

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Auburn, CA 95603
Phone 1: 530-889-2437
Phone 2:
be confidential; no messages

Click the "Medications" tab.

Medications Read-only Screen...

Jack B Flash

ART Medications

Pharmacies: (1) (2) (3)

Allergies:

Adherence to ART Medications:

Adherence to HIV Treatment:

Resistance Testing Performed:

ART Therapy	Reason not on HAART	Started	Ended
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Anti-retroviral Drugs	Prescribed by	Side Effects	Started	Ended	Dosage
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[Contact Information](#)

Other Medications Read-only Screen

[Back](#) [Home](#) [Find](#) [New](#) [Reports](#) [Shortcuts](#) [Help](#) [Logout](#)

DEMO DEMO DEMO DEMO DEMO

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

ART OTHER MEDICATIONS **OTHER MEDICATIONS ARIES**

Jack B Flash

Other Medications **Edit**

Other Medications	Prescribed by	Used for	Type	Dates	Dosage
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Adherence:
In the last three days, not including today, how many days did you take your medications at the times and in the amounts prescribed by your doctor?

[Contact Information](#)

Click "Edit"

Other Medications Edit Screen

DEMO DEMO DEMO DEMO DEMO

Jack B Flash Other Medications

Other Medications *	Prescribed by	Used for *	Type *	Start/End Date *	Dosage
---------------------	---------------	------------	--------	------------------	--------

Adherence

In the last three days, not including today, how many days did you take your other medications at the times and in the amounts prescribed by your doctor?

as of

[Click "New"](#)

[Save + Next >](#) [Save + Done](#) [Cancel](#)

[Contact Information](#)

Entering a New Record

DEMO DEMO DEMO DEMO DEMO

Jack B Flash Other Medications

Other Medications *	Prescribed by	Used for *	Type *	Start/End Date *	Dosage
bactr					
Bactramycin (lincomycin) (d00279)					
Bactrim (sulfamethoxazole-trimethoprim) (d00124)					
Bactroban (mupirocin topical) (d01267)					

Adherence

In the last three days, not including today, how many days did you take the medication as of [] at the times []

[Contact Information](#)

Save Cancel

A list box will appear as you start typing the medication's name in the "Other Medications" field

PCP Prophylaxis Meds:

Bactrim (TMP/SMX)/d00124

Dapsone (dapson)/d00098

Nebupent (pentamidine)/d00030

Mepron (atovaquone)/d01120,

Entering a New Record (cont.)

DEMO DEMO DEMO DEMO DEMO

Jack B Flash Other Medications

Other Medications *	Prescribed by	Used for *	Type *	Start/End Date *	Dosage
Bactrim (sulfamethoxazole-trimethoprim) (d001) <input type="checkbox"/> Check if Other Drug	<input type="text"/>	PCP	<input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/>

Adherence

In the last three days, not including today, how many days did you take your other medication at the times and in the amounts prescribed by your doctor?

as of

Type in "PCP"

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Save Cancel

Entering a New Record (cont.)

DEMO DEMO DEMO DEMO DEMO

Jack B Flash Other Medications

Other Medications *	Prescribed by	Used for *	Type *	Start/End Date *	Dosage
Bactrim (sulfamethoxazole-trimethoprim) (d001) <input type="checkbox"/> Check if Other Drug	<input type="text"/>	PCP	<input type="text"/> Prophylaxis Treatment	<input type="text"/> <input type="text"/>	<input type="text"/>

Adherence

In the last three days, not including today, how many days did you take your other medication at the times and in the amounts prescribed by your doctor?

as of

Select "Prophylaxis"

[Contact Information](#)

Save Cancel

Entering a New Record (cont.)

DEMO DEMO DEMO DEMO DEMO

Jack B Flash Other Medications

Other Medications *	Prescribed by	Used for *	Type *	Start/End Date *	Dosage
Bactrim (sulfamethoxazole-trimethoprim) (d00) <input type="checkbox"/> Check if Other Drug	<input type="text"/>	PCP	Prophy	1/1/2012 <input type="text"/>	<input type="text"/>

Save
Cancel
Deactivate

Adherence
In the last three days, not including today, how many days did you take your other medications at the times and in the amounts prescribed by your doctor?

[Contact Information](#)

Enter a "Start Date"

You may leave the "End Date" field blank if client is still taking the medication.

Saving a record

DEMO DEMO DEMO DEMO DEMO

Jack B Flash Other Medications

Other Medications *	Prescribed by	Used for *	Type *	Start/End Date *	Dosage
Bactrim (sulfamethoxazole-trimethoprim) (d00) <input type="checkbox"/> Check if Other Drug	Dr. Data	PCP	Prophy	1/1/2012	800 MG

Save
Cancel
Deactivate

Adherence
In the last three days, not including many days did you take your other at the times and in the amounts

[Contact Information](#)

You may also enter data in the "Prescribed by" and "Dosage" fields

Click "Save" when done

Saved record

DEMO DEMO DEMO DEMO DEMO

Jack B Flash Other Medications

Other Medications ✖	Prescribed by	Used for ✖	Type ✖	Start/End Date ✖	Dosage	
Bactrim (sulfamethoxazole-trimethoprim) (d00124)	Dr. Data	PCP	Prophylaxis	1/1/2012 - no end	800 MG	Edit

Adherence
In the last three days, how many days did you take your medication at the times and in the amounts prescribed?

as of

[Save + Next >](#) [Save + Done](#) [Cancel](#)

[Contact Information](#)

The record we just entered appears

To edit the record, click "Edit"

To enter a new record, click "New"

Editing a record

DEMO DEMO DEMO DEMO DEMO

Jack B Flash Other Medications

Other Medications *	Prescribed by	Used for *	Type *	Start/End Date *	Dosage
Bactrim (sulfamethoxazole-trimethoprim) (d00) <input type="checkbox"/> Check if Other Drug	Dr. Data	PCP	Prophy	1/1/2012 1/31/2012	800 MG

Save
Cancel
Deactivate

Adherence

In the last three days, not including to many days did you take your other m at the times and in the amounts pres you

Example: entering an "End Date" to an existing record

Click "Save" when done

[Contact Information](#)

When entering PCP Prophylaxis data...

- Select the appropriate medication from the list box that appears as you type in the medication's name in the "Other Medications" field.
- Type in exactly "PCP" in the "Used for" field.
- Select "Prophylaxis" in the Type field.
- If entering dosage, use the "Dosage" field, not the "Other Medications" field.

When entering PCP Prophylaxis data...(cont.)

- Verify first that there is a CD4 test below 200 entered on the Medical History Screen

< Back Home Find New Reports Shortcuts Help Logout

DEMO DEMO DEMO DEMO DEMO

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

BASIC MEDICAL MEDICAL HISTORY OB/GYN & PREGNANCY MEDICAL HISTORY **ARIES**

Jack B Flash

Medical History [Edit](#) [Flowsheet](#)

Most recent CD4: 100 as of 1/1/2012
Lowest CD4: 100 as of 1/1/2012

Most recent Viral Load:
Highest Viral Load:
TB Test Medically Indicated: No
TB PPD Skin Test:
MDR: No
IGRA:
Chest X-Ray:
TB Treatment:

When entering PCP Prophylaxis data...(cont.)

- Verify first that there is an Outpatient/Ambulatory Medical Care service entered for the client on the Services screen

The screenshot shows the ARIES Services screen for a client named Jack B Flash. The interface includes a navigation menu at the top with options like Back, Home, Find, New, Reports, Shortcuts, Help, and Logout. Below the menu is a search form with fields for Date, Staff, Program, and Subservice. The main content area displays a table of services. The first row of the table is highlighted with a red box, indicating the service being discussed in the text.

Date	Staff	Category	UOS	Total	Edit
1/1/2012	AgencyManagement WebEx	Ryan White > Outpatient/Ambulatory Medical Care > CD -4 T-Cell Count > CD-4 T-Cell Count	1.00 Test @ \$0.00	\$0.00	Edit
9/10/2009	CaseManager WebEx	EIP > Assessment > Behavioral Risk > Behavioral Risk	1.00 15 Minutes @ \$0.00	\$0.00	Edit

Cleaning up PCP Prophylaxis data...

- We hope these guidelines help improve data quality moving forward.
- Some of your records may need attention. We have designed a fix-it report that may be missing PCP Prophylaxis information.

The Fix-It PCP Prophylaxis Report

- We will now demonstrate how to run the PCP Prophylaxis Fix-it Report.
- This report will list your clients served within a specified date range along with specific error messages that relate to PCP Prophylaxis.

To locate the **Fix-It: PCP Prophylaxis** report, go to Reports and select the **Client** menu.

The screenshot shows a web application interface with a navigation bar at the top. The navigation bar includes links for < Back, Home, Find, New, Reports, Shortcuts, Help, and Logout. Below the navigation bar, there are several tabs: DEMO, DEMO, DEMO, Client, Services, Finance, Management, Cross Tab Wizard, and Compliance. The 'Client' tab is highlighted, and a red arrow points from a text box to it. The text box contains the instruction: 'Click on "Client" under "Reports"'. Below the navigation bar, there are several buttons: CONTACT INFO, DEMOGRAPHIC DETAIL, LIVING SITUATION, and AGENCY SPECIFICS. The main content area displays the contact information for Jack B Flash, including a phone number, residence, mailing address, county, geog area/HSDA, previous address, and emergency contact information.

Jack B Flash

Contact Information [Edit](#)

Phones:
530-889-2437 (Work) -- do not contact; be confidential; no messages

Residence:
as of 1/1/2001
1234 Grass Valley Hwy
Auburn, CA 95603
County: Placer
Geog Area/HSDA:

Previous Address:
as of 1/1/2001
1234 Grass Valley Hwy
Auburn, CA 95603
County: Placer
Geog Area/HSDA:

[Contact Information](#)

Contact:
Be confidential

Mailing Address:
1234 Grass Valley Hwy
Auburn, CA 95603
County: Placer
Geog Area/HSDA:

Emergency:
Jill Flash
1234 Grass Valley Hwy
Auburn, CA 95603
Phone 1: 530-889-2437
Phone 2:
be confidential; no messages

The **Fix-It: PCP Prophylaxis** report is located at the bottom of the Client report page.

[Clients on ART Medications](#)

The date range filter selects clients who had a service within the period. For the End Date filter, select "Is Null" -- this means the report only counts the client if the client is still taking the drug. To count clients if they have EVER taken the drug, leave the End Date filter blank.

[Fix-It: Proof of Income and Residency](#)

Lists clients served within a date range and whether there are Proof of Income and Proof of Residency Eligibility Documents at ANY agency not more than 6 months old. Expiration based on TODAY's date, not end date of reporting period.

[Client Name and Primary Staff](#)

Lists clients in alphabetical order with the client's primary staff person. For Display Order filter, select "=" from the dropdown, then enter "1" in the first criteria field.

[Fix-It: CD4](#)

Lists clients served within a date range and any problems with CD4 tests

[Fix-It: Viral Load](#)

Lists clients served within a date range and any problems with Viral Load tests

[Fix-It: HOPWA](#)

Lists clients served within a date range and any problems with

Click on "Fix-It: PCP Prophylaxis"

[Fix-It: PCP Prophylaxis](#)

Lists clients served within a date range and any problems with PCP Prophylaxis

Click on the report to run. Input your specified dates on the Report Filter Value page.

The screenshot shows a web application interface with a navigation bar at the top containing 'Home', 'Find', 'New', 'Reports', 'Shortcuts', 'Help', and 'Logout'. Below this is a yellow banner with the word 'DEMO' repeated four times. The main content area is titled 'Report Filter Values' and contains the following elements:

- A text box containing 'Enter service filter dates.' with red arrows pointing to the date input fields.
- A dropdown menu set to 'Between'.
- Two date input fields: the first contains '8/1/2011' and the second contains '7/31/2012', both with calendar icons to their right.
- An ampersand '&' symbol between the date fields.
- A 'Display' label above a text input field containing '9999'. A red arrow points from the text box 'Enter the number of records to display.' to this field.
- A 'results' label followed by a checkbox labeled 'Display print format'.
- Two buttons: an orange 'Report >' button and a dark blue 'Export' button. A red arrow points from the text box 'When done, click "Report"' to the 'Report >' button.

Sample Fix-It: PCP Prophylaxis Report

DEMO

DEMO

DEMO

DEMO

DEMO

DEMO

Fix-It: PCP Prophylaxis

ARIES ID	Client	CD4 below 200	OAMC/MCWP	Errors	Suggestions
100044502	Botwin, Nancy N	Yes	Yes	No PCP Prophylaxis	Check Used For/Type
100046002	Stinson, Barney B	Yes	Yes	No PCP Prophylaxis	Check Drug Code,
100044676	White, Walter W	Yes	Yes	No PCP Prophylaxis	
100041656	Ramirez, Andrea	Yes	Yes	No PCP Prophylaxis	
100008291	Smith, Joseph X	Yes	Yes		
100016310	Smith, Franklin A	Yes	No		
100044049	Abraham, Elvira R	Yes	No		
100037811	Abba, Mike	Yes	No		
100037480	Abba, Jason R	No	Yes		
100016898	9000, Hal J	No	Yes		
100037845	Ago, Diaxx S	No	Yes		
100042159	Allen, Lily Y	No	Yes		
100042035	Alexis, Kim X	No	No		
100001254	Allison, Derek I	No	No		
100044247	Andrayavich, Dimitri C	No	No		

Fix-It: PCP Prophylaxis Report Error Message

Message	Meaning
No PCP Prophylaxis	<p>There were no Other Medications entered for a client who received a OAMC/MCWP service and had a CD4 below 200 during report time frame that met all of the following criteria:</p> <ul style="list-style-type: none">• Covers some portion of the last year from the “Run Date” of the report,• Contains one of the following medications/drug codes: Bactrim (TMP/SMX)/d00124, Dapsone/d00098, Nebupent (pentamidine)/d00030, or Mepron (atovaquone)/d01120,• Had “PCP” entered in the Used for field, and• Had “Prophylaxis” entered in the Type field.

Fix-It: Insurance Report Suggestions Messages

Message	Meaning
Check Used For/Type	A record with correct dates and correct drug code was found, but <u>either</u> the Used For is not "PCP" <u>or</u> the Type is not "Prophylaxis"
Check Drug Code	A record with correct dates, correct Used For, and correct Type was found, but the drug code is d99999 ("Other" drug) and the manually entered drug name is similar to one of drug names mentioned above

IMPORTANT: These messages are not errors. Rather, they suggest there are incomplete data if the client is in fact on PCP Prophylaxis. Please confirm that the client is on PCP Prophylaxis before updating their ARIES record per these messages.

Next Steps

- Please run the report.
- Look up the clients with error messages using their ARIES ID.
- Locate and gather the necessary documents referenced in the Error and/or Suggestions message(s).
- Then update ARIES accordingly.

Questions & Answers

- Do you have any questions?



Additional Resources

- This presentation, along with other PCP Prophylaxis presentations, are 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 you for participating! We hope that this has been a productive use of your time.
- Together we can improve ARIES data quality!