ARIES Focused Technical Assistance:

Improving PCP Prophylaxis Data

July, 2012

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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 <u>PCP Prophylaxis data entry and cleanup</u>.

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Agenda: Improving PCP Prophylaxis Data

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

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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.

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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.

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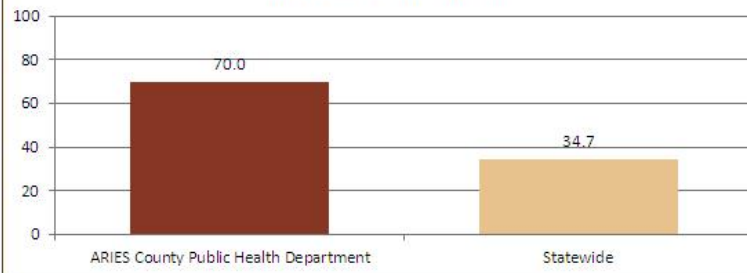
The target set by OA for Measure 12a is that 75% of HCP clients with AIDS should have been prescribed Highly Active Antiretroviral Therapy (HAART) during the fiscal year. For ARIES County Public Health Department, 100.0% of eligible HCP clients met this measure compared to 84.4% statewide.
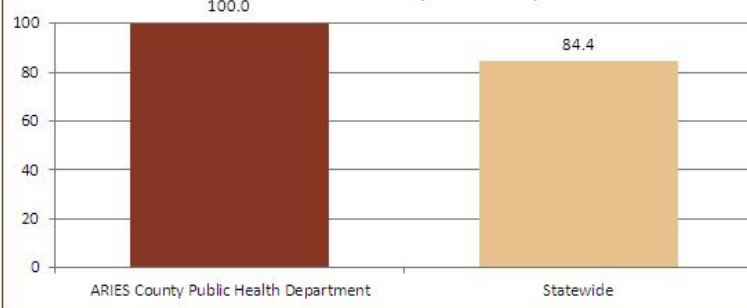
Continued...

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)

- ARIES County Public Health Department: 70.0
- Statewide: 34.7

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

- ARIES County Public Health Department: 100.0
- Statewide: 84.4

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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.

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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	flash
First Name	jack
Middle Initial	
Client ID	
SSN	123-45-6789
Date of Birth	mm/dd/yyyy
Display	20 results

☐ **Search Related/Affected Individuals**

Search >

Click "Search"

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

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To enter PCP Prophylaxis data…

Click the "Medications" tab.

Medications Read-only Screen…

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**

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?

Click "Edit"

Contact Information

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Other Medications Edit Screen

Jack B Flash Other Medications

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

New

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

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Entering a New Record

PCP Prophylaxis Meds:
Bactrim (TMP/SMX)/d00124
Dapsone (dapsone)/d00098
Nebupent (pentamidine)/d00030
Mepron (atovaquone)/d01120,

Entering a New Record (cont.)

Jack B Flash Other Medications

Other Medications ❋	Prescribed by	Used for ❋	Type ❋	Start/End Date ❋	Dosage
Bactrim (sulfamethoxazole-trimethoprim) (d001 ☐ Check if Other Drug		PCP	▼		

Save

Cancel

Adherence

In the last three days, not including today, how ▼ as of [ ] many days did you take your other medic... at the times and in the amounts prescri... your doctor?

Type in "PCP"

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Entering a New Record (cont.)

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☐		PCP	Prophy ▾	1/1/2012 ▦	
Check if Other Drug				▦	

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?   ▾   as of   ▦

Enter a "Start Date"

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

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Saving a record

Jack B Flash Other Medications

Other Medications ✳		Prescribed by	Used for ✳	Type ✳	Start/End Date ✳		Dosage
Bactrim (sulfamethoxazole-trimethoprim) (d00	☐	Dr. Data	PCP	Prophy ▾	1/1/2012	▦	800 MG
Check if Other Drug						▦	

Save
Cancel
Deactivate

Adherence

In the last three days, not includin
many days did you take your othe
at the times and in the amounts

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

Click "Save" when done

Contact Information

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Saved record

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 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 t...
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

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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.

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When entering PCP Prophylaxis data…(cont.)

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

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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

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.

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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.

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

Click on "Client" under "Reports"

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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 HOPWA
Fix-It: PCP Prophylaxis	Lists clients served within a date range and any problems with PCP Prophylaxis

Click on "Fix-It: PCP Prophylaxis"

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

| Home | Find | New | Reports | Shortcuts | Help | Logout |

DEMO   **DEMO**   **DEMO**   **DEMO**

Report Filter Values

Enter service filter dates.

Fix-It: PCP Prophylaxis

Service Line Item Service Date   Between ▼   8/1/2011   🖩   **&**   7/31/2012   🖩

Display   9999   **results** ☐ Display print format

Report >   **Export**

Enter the number of records to display.

When done, click "Report"

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Sample Fix-It: PCP Prophylaxis Report

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		

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Fix-It: PCP Prophylaxis Report Error Message

Message	Meaning
No PCP Prophylaxis	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: • 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 either the Used For is not "PCP" or 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.

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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.

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Questions & Answers

- **Do you have any questions?**

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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)**.

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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!

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