

How to Use the ADAP Data Report (ADR) Medication Dashboard

What is the ADR Medication Dashboard?

Each year, the Data Integration, Systems, and Quality (DISQ) Team reports back to ADAPs on the medication data they have uploaded on their annual ADR. Using Microsoft Power BI that is included as part of most Microsoft licensing, the DISQ Team has created an ADR Medication Dashboard that enables you to do this analysis at any time during the year to check the accuracy of your medication data. The dashboard uses a unique client ID (which can be any arbitrary number assigned to each client) and four ADR data elements:

- Medication ID (data element ID 26), the d-code for the dispense
- Medication start date (data element ID 27), the day of the dispense
- Medication days (data element ID 28), the days supply of the dispense
- Medication cost (data element ID 29), the total cost paid for the dispense.

The template used to populate the ADR Medication Dashboard is the same structure as the TRAX medication CSV (AdrClientReportMedication), but must be saved in Excel format. A structured CSV file is included in the download package for you to fill in with your data.

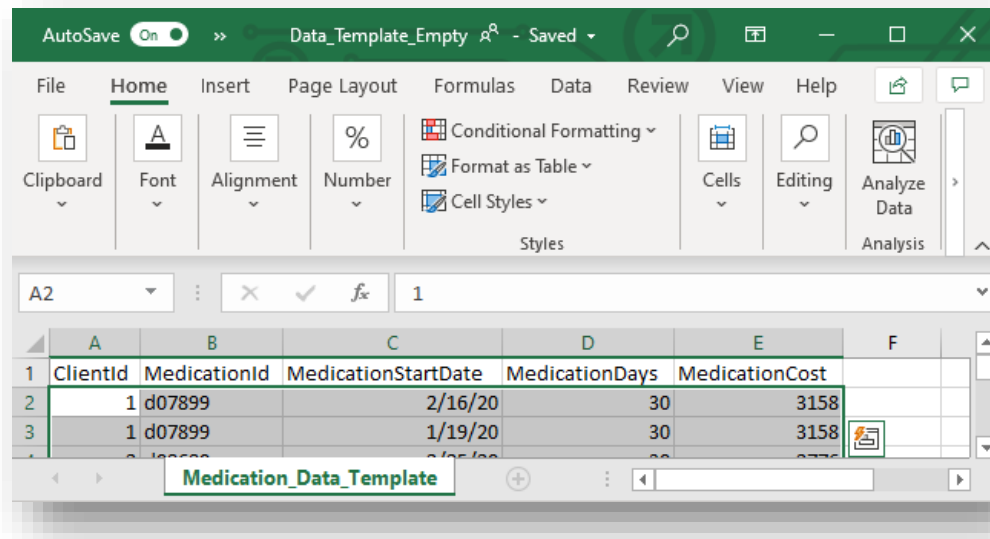
Where Can I Find the ADR Medication Dashboard?

ADAPs can find the ADR Medication Dashboard [here](#) on the Target HIV website. The download package includes the ADR Medication Dashboard, the Excel medication template to populate, and these instructions.

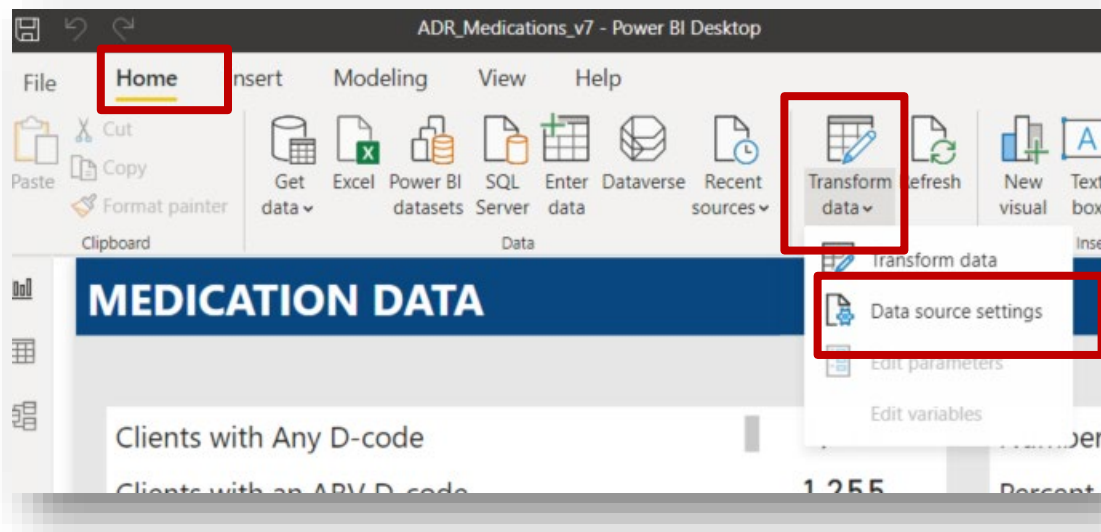
How Do I Use the ADR Medication Dashboard?

1. Download [Power BI Desktop](#) on your computer. If you work someone where IT needs to install any new applications, they will need to assist you with this step.
2. Download the ADR Medication Dashboard from the link in the previous section.
3. Open the Data_Template_Empty.xlsx workbook. Copy/paste your data only (no headers) into row 2 – DO NOT change variable names in row 1. For TRAX users, use the same approach that you would use to populate the TRAX CSV file. For other users, you'll need to generate a report from your data system by extracting a client identifier and the four ADR data elements, and pasting the data into the provided template.

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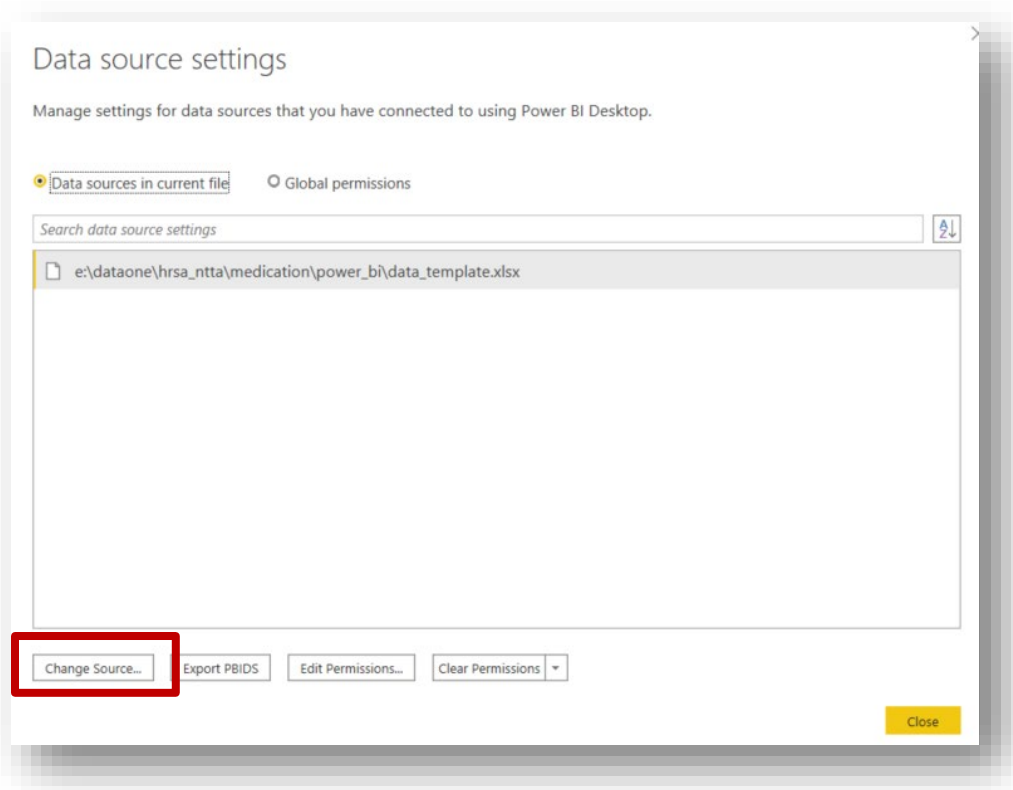


4. Save a copy of your populated template where you can find it easily. Ensure that the populated template is secured per your agency policy.
5. Open the ADR Medication Dashboard and update the source of your data to the file you saved in Step 4 by browsing to where you saved the file. In the Power BI Home tab, go to Transform data → Data source settings.

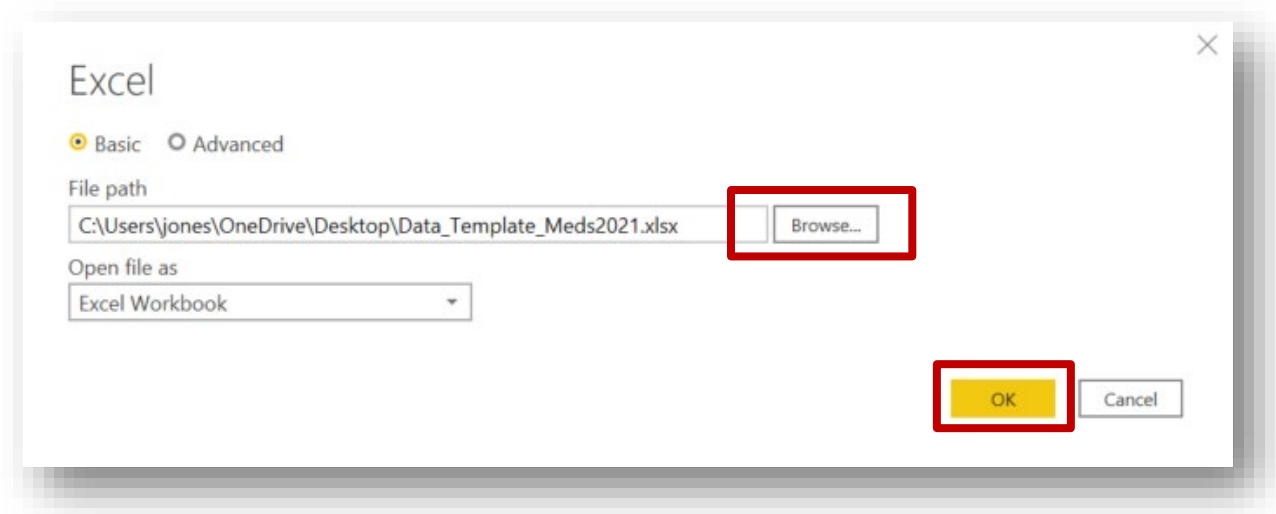


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6. Click “Change Source...”

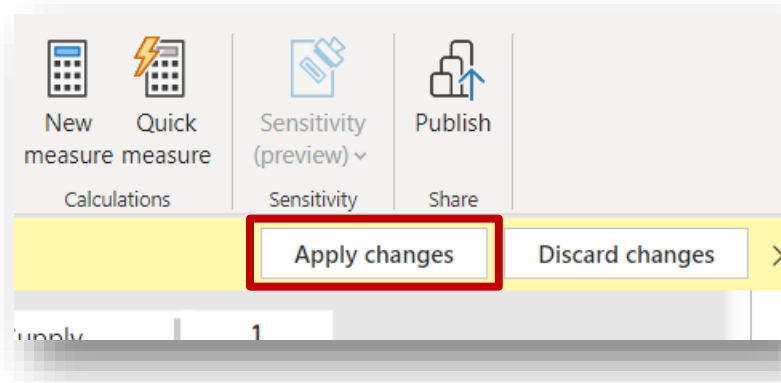


7. Browse to your saved file, then OK, and then Close the Data source settings window.



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8. After you click on the Close button, a yellow ribbon will show at top and click on Apply changes.



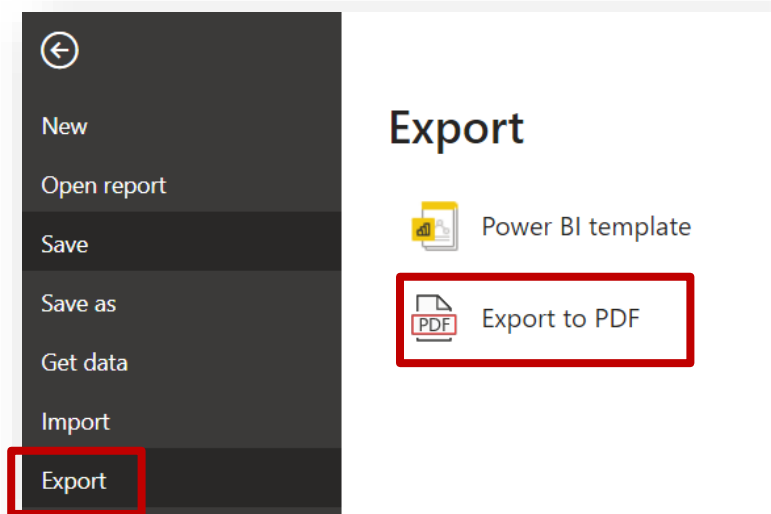
9. Your data will show up in the tables.
10. Select your purchasing mechanism to populate the correct national median daily cost.

MEDICATION DATA									
Clients with Any D-code	1,264	Number of Dispenses with > 365 Days Supply	0	<div> Select Your Purchasing Mechanism <input type="radio"/> Rebate <input type="radio"/> Direct Purchase <input checked="" type="radio"/> Both </div>					
Clients with an ARV D-code	1,255	Percent of Dispenses with \$0 Cost	0%						
Total Number of ARV Dispenses	11,686	Percent of Dispenses with > \$100 Daily Cost	19%						
Average Number of ARV Dispenses per Client	9	Number of Unique D-codes Reported	50						
Maximum Number of ARV Dispenses per Client	52	Number of Duplicate Records	2						
Brand Name	Number of Clients on Medication	Percent of Clients on Medication	Median Days Supply	Maximum Days Supply	Minimum Daily Cost	Median Daily Cost	National Median Daily Cost*	Maximum Daily Cost	Daily Cost P90/P10 Ratio
Biktarvy	442	35%	150	420	\$0.13	\$101.07	\$27.50	\$111.40	1
Descovy, Truvada	231	18%	180	420	\$0.30	\$57.97	\$11.90	\$60.13	1
Genvoya, Stribild	222	18%	210	390	\$0.13	\$101.07	\$27.17	\$108.93	1
Triumeq	200	16%	180	390	\$0.13	\$95.47	\$26.20	\$115.63	1
Tivicay	142	11%	180	390	\$0.30	\$57.63	\$17.27	\$119.07	1
Complera, Odefsey	110	9%	210	390	\$4.60	\$92.70	\$20.93	\$100.43	1
Prezcobix	93	7%	180	390	\$0.30	\$63.87	\$18.77	\$66.07	1
Norvir	70	6%	232	450	\$0.13	\$7.67	\$0.53	\$17.60	2
Prezista	61	5%	210	450	\$0.30	\$55.87	\$17.83	\$57.80	1
Atripla	52	4%	210	390	\$0.13	\$93.17	\$22.20	\$97.73	1
Symtuza	39	3%	90	330	\$1.00	\$122.78	\$43.33	\$127.33	1
Isentress	38	3%	240	390	\$0.30	\$50.10	\$17.67	\$53.87	4

*National Median Daily Cost is based on the previous year's ADR and the purchasing mechanism selected at the top right

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11. To save a PDF document with this data, go to File → Export → Export to PDF.



How Do I Interpret the Additional Information on Medication Data?

These tables in Power BI show you detailed information on the medication data that are reported on the ADR. Review the two tables on the top and ask yourself the following:

- Does the number of clients with an ARV during the reporting period match your expectations?
- Does the total number of ARV dispenses and the average dispenses by client make sense for the medications you cover? Full coverage for a year equals 12 dispenses of 30 days supply, or 4 dispenses of 90 days supply.
- Do you have any dispenses with more than 365 days supply of medication? This would mean that there was a single medication dispensed for more than 365 days. Remember, you should be reporting the number of days the dispense will last, not the number of doses.
- Do you have a high proportion of dispenses with the daily cost reported as \$0 or >\$100? Some newer medications have higher cost, but make sure the percent of dispenses with high cost makes sense for the medications you prescribe.

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- Do you have duplicates in your data? Duplicate records have the same client ID, d-code, dispense date, and days supply. These should be removed before your final submission.

The bottom table in Power BI include your ADAP's data for the most commonly prescribed ARVs across all programs. For this table, ask yourself the following questions:

- Do the **number and percent of your clients** on each ARV match your expectations? Do you have any common ARVs in your formulary that are not reflected in these tables?
- Does the **median days supply** reported match your prescribing practices (i.e., how many dispenses a client usually receives)?
- Do you have **maximum days supply** that exceed your normal practices? Generally, maximum days supply should not exceed 390 days, or somewhat higher if you prescribe more than 30 days of medication in a single dispense.
- Do you have **minimum daily costs** that are much lower than your median costs? Values that are much too low may indicate you are reporting medication copays as full pay medications.
- Does the **median daily cost** paid by your ADAP match what you are normally paying for medications? Is it reasonable in comparison to the previous year national median?
- Do you have any **maximum daily costs** that exceed your normal costs?
- Do you have any ARVs with a **high P90 / P10 ratio**, meaning that you paid much more for some dispenses compared to others for the same medication?

Need help with ADR reporting?

If you need help assessing ADR data quality, you can contact the DISQ Team at Data.TA@caiglobal.org. In addition, there are a number of [TA providers](#) available to assist you if you need help with ADR reporting. [TargetHIV](#) also has the largest library of ADR TA resources available including the [ADR Instruction Manual](#), [webinars](#), and other [resource documents](#).

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