**NTIS Project Opportunity Announcement, USAID Development Data Commons**

**Data Exercise #2: USAID enterprise-level**

**Instructions:**

The JVP should address resource allocation patterns, program performance trends, and/or socio-economic factors that can contribute to reduction of HIV infection, particularly among girls and young women, in Malawi. The JVP can use any of the listed PEPFAR, USAID, and third-party public data sources (both structured and unstructured data) to present their results (see data sources below). The JVP will present resulting products that demonstrate the following capabilities: 1) ingestion, cleaning, integration, harmonization of selected datasets; 2) modeling and structuring of selected datasets; 3) development of analytic methods and processes to identify resource allocation patterns (e.g., foreign assistance and program spending) over time in Malawi, HIV/AIDS program performance trends over time in Malawi, or other socio-economic conditions that might influence HIV/AIDS infection over time in Malawi; ); 4) curation of valuable workflows and results; and 5) presentation of analytic results in user-friendly, compelling visualizations, graphics, or other communication media, with a focus on geospatial visualization (e.g., mapping capabilities).

**Data Sources:**

1. **PEPFAR Monitoring, Evaluation, and Reporting (MER) Data (FY2016 - 2019)**

<https://data.pepfar.gov/dashboards>

NOTE - navigate to MER Downloadable Data > Supporting Datasets in the dashboard sidebar

**2. PEPFAR Additional Data (Historial) (FY2004 - 2016; FY2015 - 2016)**

<https://data.pepfar.gov/additionalData#historical-data>

**3. Foreign Aid Explorer**

[FAE Query Builder](https://explorer.usaid.gov/query) to access comprehensive data on U.S. Government foreign aid (including USAID) and related implementing activities over time (aggregated data from 1946 - 2000; disaggregated data from 2001 - present).

**4. USAID Development Experience Clearinghouse (DEC)**

[176 documents for Malawi and HIV/AIDS programs](https://dec.usaid.gov/dec/search/SearchResults.aspx?q=KERvY3VtZW50cy5DbGFzcz0oIkhJViAvIEFJRFMiKSkgQU5EIChEb2N1bWVudHMuRGVzY3JpcHRvcnNfR2VvZ3JhcGhpYz0oIk1hbGF3aSIpKQ==&qcf=ODVhZjk4NWQtM2YyMi00YjRmLTkxNjktZTcxMjM2NDBmY2Uy)

**5. USAID Development Data Library (DDL)**

[Supply Chain Health Commodity Shipment and Pricing Data](https://data.usaid.gov/HIV-AIDS/Supply-Chain-Shipment-Pricing-Data/mm7d-nzmf)

[USAID Feed the Future Survey Datasets for Malawi](https://data.usaid.gov/browse?Data-Asset-Profile_Countries=Malawi&Data-Asset-Profile_USAID-Initiative=Feed+the+Future)

**6. Other Third-party, Publicly Available Data**

* **Demographic Health Survey**

[Malawi Survey Datasets (10 datasets](https://www.dhsprogram.com/what-we-do/survey-search.cfm?sendsearch=1&str1=24,&crt=1&listgrp=0))

NOTE - access will require registration and potential data request

* **ICPSR**

[Malawi Longitudinal Study of Families and Health](https://www.icpsr.umich.edu/icpsrweb/ICPSR/studies/20840/summary)

NOTE - access will require registration

* **IPUMS DHS**

[IPUMS DHS](https://www.idhsdata.org/idhs/index.shtml)

NOTE - use the “Create an Extract” interface to query relevant data for Malawi