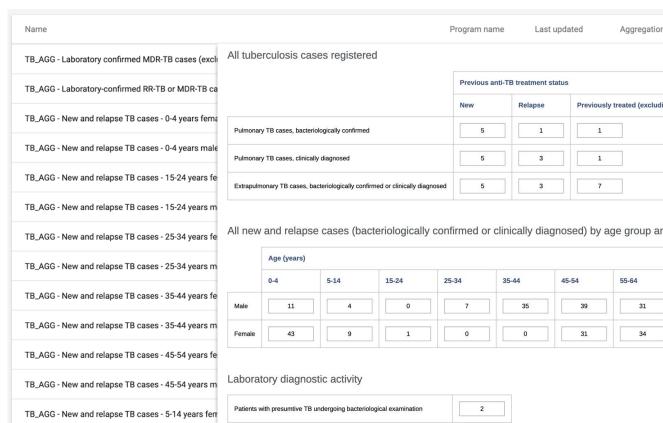


Tracker Capture



Aggregation of tracker data values



Patient with presumptive TB with positive bacteriological examination results

TB_AGG - New and relapse TB cases - 5-14 years ma

3



Yury Rogachev, DHIS2 Implementer University of Oslo / DevOtta

Overview: Data import app



Data Import Wizard App by HISP Uganda



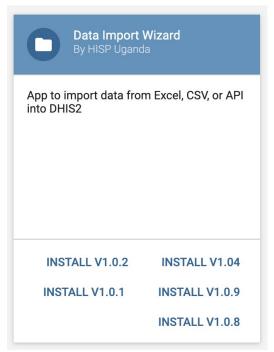
User friendly interface

Support of various import types

Saved mappings

Considerations: manual mapping process,

Best suited for small-scale data sets



Data Import Wizard

dhis2

Install and start app on the aggregate instance

Select Aggregate and create a New Mapping

Specify relevant **Data Set, Import type** and **periods**

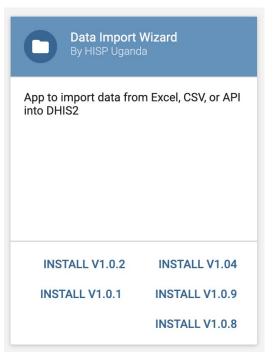
Enter login information for the source instance
Map Organisation Units (done automatically if
Org Units match)

Select relevant program indicators

Map data elements and program indicators

Proceed with import of data





Overview: Tracker to aggregate script



Script

Shell executable script

Script requires initial set up

Automated periodic export of data to aggregate with eg. task scheduler

```
### CONTROLLING CO
```

Tracker to aggregate script



Mapping

Aggregate module:

Data elements and Category option combinations have to be coded

Tracker: Program indicators have to be mapped:

Custom Attribute: Data element for aggregate data

export

Category option combination for aggregate data export

Short name (*) New pulm smear + by age/sex	
TB_NEW_SP_	
Name	
35-44 years, Female	
Short name	
35-44 years, Female	

Name (*)

TB-3544YF

Tracker to aggregate script



```
#!/bin/bash
#DATA CONFIGURATION
#UIDs of program indicators to be included in the export
PI="wq7bocILhfA; vz5dnl2wbNc"
#Orgunit level at which data will be exported/imported
OU LEVEL="5"
#Periods (relative) that are included in the export/import
PE="LAST 3 MONTHS"
#UID of the attribute used to specify which aggregate data element a program
indicator is linked to
DATA ATTRIBUTE="OviWiDiK1fX"
#SERVER CONFIGURATION
#Server with the program indicators data is exported from
SOURCEURL="https://play.dhis2.org/tracker"
#Server with the aggregate data elements data is imported into
TARGETURL="https://play.dhis2.org/aggregate"
#NAME/DATE
#Current date in TSO format
DATE ISO=`date -u +"%Y-%m-%d"
```

```
#Filename used for saving the aggregate data values
FILENAME="example tracker aggregates "$DATE ISO".json"
#Comment added to each data value in the export
COMMENT="example tracker aggregates "$DATE ISO
#EXPORT AND IMPORT DATA
SOURCE REQUEST=$SOURCEURL"/api/analytics/dataValueSet.json?dimension=dx:"$PI"&dimen
sion=pe:"$PE"&dimension=ou:LEVEL-
"$OU LEVEL"&outputIdScheme=ATTRIBUTE: "$DATA ATTRIBUTE
echo "Fetching: "$SOURCE REQUEST
curl -k -u user:pwd "$SOURCE REQUEST" | sed s/"\[aggregated\]"/"$COMMENT"/g >
SETTENAME
TARGET REQUEST=$TARGETURL"/api/dataValueSets?dataElementIdScheme=CODE&categoryOptio
nComboIdScheme=uid&importStrategy=CREATE AND UPDATE&dryRun=false"
echo "Posting: "$TARGET REQUEST
curl -k -X POST -u user:pwd -H "Content-Type:application/json" -d @"$FILENAME"
"$TARGET REQUEST"
Collapse
```