Each data manager is broken up into smaller segments which are then merged in the final processing. The intention of doing this is that it’s much faster to make changes without having to run the data manager in its entirety each time a change is made.

The specific and complete list of outcomes in each section of each manager is listed in the excel documents within the ‘Data Manager’ folder (in the ‘documentation’ folder within data\_processing’ of jheem\_analyses).

You can make changes to a particular section, save a new version of that section, then load all sections of the data manager, merge them and save a new data manager.

1. **HIV Surveillance Manager**

Section 1: population, immigration, deaths

Section 2: HIV cases, awareness, etc.

Section 3: proportion.tested, proportion.msm

Section 4: STI data

Section 5: AIDS data

Merge sections using the ‘hiv.surveillance.manager.merge. R’ code.

1. **Census Manager**

Population 1: population (1970-1999; SAS files from Todd that have single year ages available)

Population 2: population (mostly county level 2010-2023)

Population 3: population, deaths (national level, county totals 2000-2023)

Births.deaths: births, deaths, fertility rate

Merge sections using the ‘census.manager.merge.R’ code.

1. **Syphilis Manager**

Section 1: Social determinants of health

Section 2: Syphilis cases

Section 3: Population, immigration, deaths, prenatal screening

Section 4: Proportion MSM, proportion tested for HIV

Merge sections using the ‘syphilis.manager.merge.R’ code.

1. **Ryan White Data Manager**

Because this data manager is so small it only has one section. Running ‘ryan.white.data.manager.processing.ain.R’ will source all of the cleaning codes and save a new version of the data manager.

1. **Ryan White Webtool Data Manager**

This data manager is also only one section because it is made up of outcomes from other data managers. Running ‘Webtool Data Manager Main.R’ will source the cleaning codes and save a new version.