

Special Instructions

How To Run

1. Ensure the correct versions of [Docker \(https://docker.com\)](https://docker.com) and [Docker Compose \(https://docs.docker.com/compose\)](https://docs.docker.com/compose) are installed per the [dependencies](#).
2. Run `docker - compose up`.
3. The application is at `http://localhost:3000`
4. The associated FHIR instance is available at `http://localhost:8080`

How To Deploy

The main [Rails \(https://rubyonrails.org\)](https://rubyonrails.org) application can be deployed as a containerized application. The application can be configured with the following environment variables:

Variable	Description
DATABASE_URL	URL to PostgreSQL database. See: <code>database.yml</code>
FHIR_URL	URL to FHIR server.
RAILS_ENV	Environment. Recommended: <code>production</code>
RAILS_RELATIVE_URL_ROOT	Deploy to a relative root. Example: <code>/app</code>

How To Set Up For Native (Local) Development

1. Ensure all the [dependencies](#) are installed.
2. Run `bin/setup`.
3. Run `bin/rails server`.

How To Test

1. Ensure all the [dependencies](#) are installed.
2. Run `bin/test`.

How to Use the Application

See `Manual - FHIRfighters.(md|pdf)` for more information.

How to use the app to generate a report

Go to `http://localhost:3000` in your browser

You should see the welcome page:

Welcome

[Create New Report](#) [Report history](#)

To make a report click "Create Report" link:

Welcome

[Create New Report](#) [Report history](#)



You will be taken to the report page:

New Report

Upload NBS CSV No file chosen

Upload OVRs CSV No file chosen

[Main Report history](#)

Click on the choose file for Newborn Screening (NBS):

New Report

Click

Upload NBS CSV

Upload OVRs CSV

[Main Report history](#)

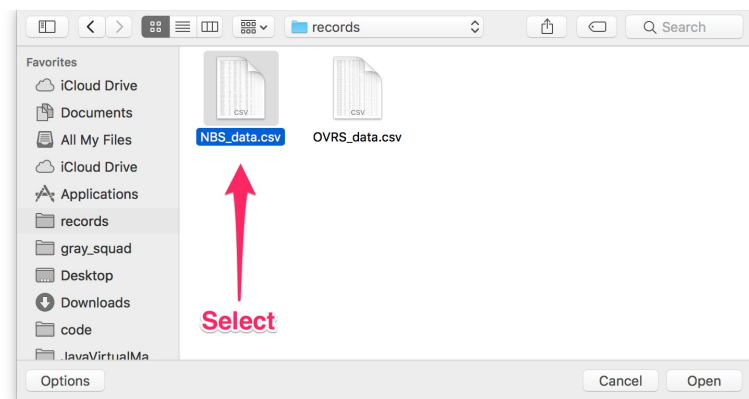
Navigate to the CSV file for NBS:

New Report

Upload NBS CSV

Upload OVRs CSV

[Main Report history](#)



Click on the choose file for Office of Vital records and statistics (OVRs):

New Report

Click

Upload NBS CSV

Upload OVRs CSV

[Main Report history](#)

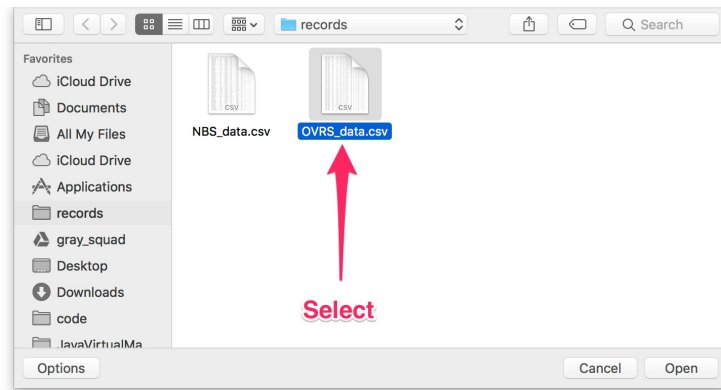
Navigate to the CSV file for OVRs:

Note: the file type must be CSV, and the columns must match the names listed in the error section

New Report

Upload NBS CSV NBS_data.csv
Upload OVRs CSV No file chosen

[Main Report history](#)



Click on "Create Report" button to generate a report:

New Report

Upload NBS CSV NBS_data.csv
Upload OVRs CSV OVRs_data.csv

[Main Report history](#)

Click

You will then be taken to the new discrepancy report:

Report was successfully created.

Discrepancy Report

Created 2017-12-03 16:08:45 UTC

#	Kit ID	Attribute	NBS	OVRS
1	UT850A001	Birth Length First Name Last Name	[blank] [blank] [blank]	27 James Kirk
2	UT850A020	Mothers Last Name Birth Weight Birth Length	Adams 2807 [blank]	[blank] [blank] 24
3	UT850A010	Mothers Birthdate Birth Length	[blank] [blank]	1989-10-09 19
4	UT850A082	Birth Length	[blank]	24
5	UT850A033	Birth Length	[blank]	26
6	UT850A083	Birth Length	[blank]	25

Dependencies

This is a [Rails v5.1.4 \(https://rubyonrails.org\)](https://rubyonrails.org) application that requires:

- [Docker ~> 17.09 \(https://docker.com\)](https://docker.com)
- [Docker Compose ~> 1.17 \(https://docs.docker.com/compose\)](https://docs.docker.com/compose)
- [Ruby ~> 2.4 \(https://www.ruby-lang.org\)](https://www.ruby-lang.org)
- [Bundler ~> 1.15 \(https://bundler.io\)](https://bundler.io)
- [Node.js ~> 8.7 \(https://nodejs.org\)](https://nodejs.org)
- [Yarn ~> 1.2 \(https://yarnpkg.com/en\)](https://yarnpkg.com/en)
- [PostgreSQL ~> 9.6 \(https://www.postgresql.org\)](https://www.postgresql.org)