



SPI RRT

ODK SETUP & USER GUIDE



Components of the SPI RRT

ODK AGGREGATE + COLLECT

- ⦿ Open-Source server and mobile apps used to collect data
- ⦿ Extensively used and tested by various organizations around the world

National Dashboard

- ⦿ Web based Dashboard for SPI RRT data
- ⦿ Provides real-time charts and reports using the data pulled from the ODK Aggregate server

What is ODK Collect ?

- ◎ ODK Collect is an open source Android app that replaces paper forms used in survey-based data gathering.
- ◎ It supports a wide range of question and answer types, and is designed to work well without network connectivity
- ◎ ODK Collect is available on the Google Play Store
- ◎ ODK Collect needs a server component called **ODK Aggregate** which is an open source Java application that stores, analyzes, and presents XForm survey data collected using ODK Collect o

Prerequisites

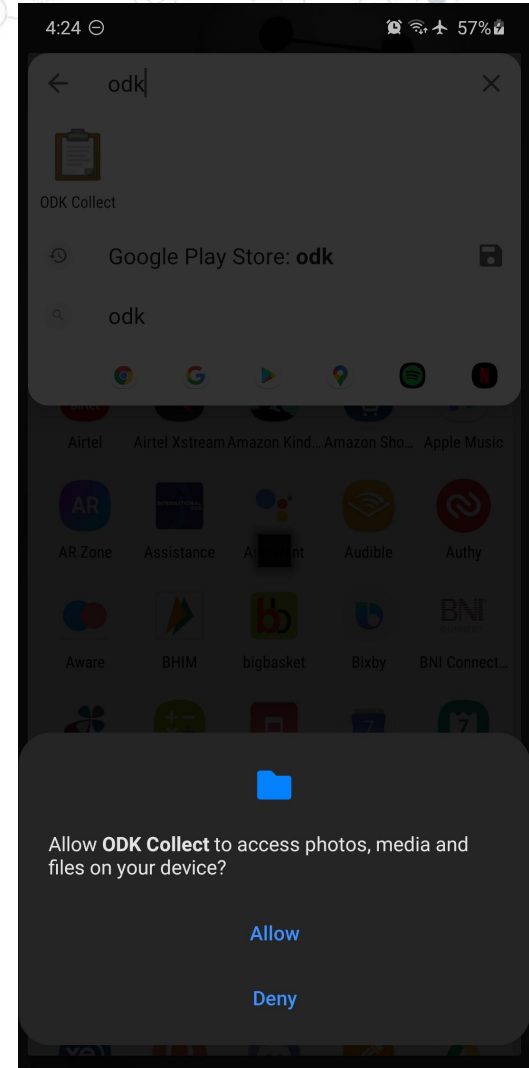
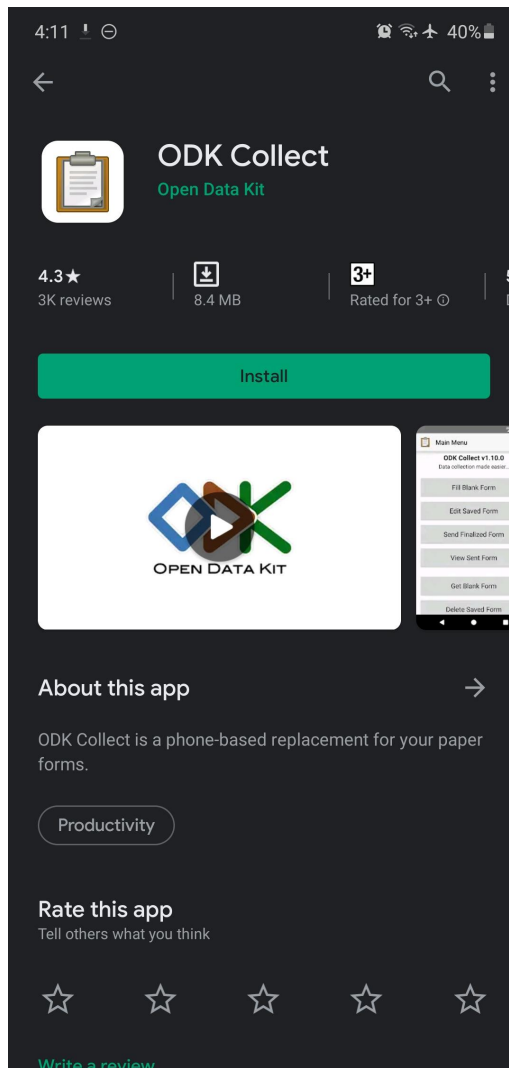
- ① Android Tablet or Mobile having Android version 9+
- ① Internet Connection
- ① ODK Aggregate server needs to be set-up before using the mobile app



Setting up ODK Collect

Installation

- Search for ODK Collect on Play store and install the software
- When you run the software for the first time, it may ask for permission to access photos, medias and file. Please allow access to proceed.




Initial Setup

- On the first page select “Manually Enter Project Details”
- On the next page, enter the ODK Aggregate URL and Login Details



Collect data
anywhere

 Configure with QR code

 Manually enter project details


ODK Collect v2021.3.2
Don't have a project yet? [Try a demo](#)

Add project

URL

Username

Password

 After you add your project, you can configure it in Settings

My project uses Google Drive. [Configure](#)

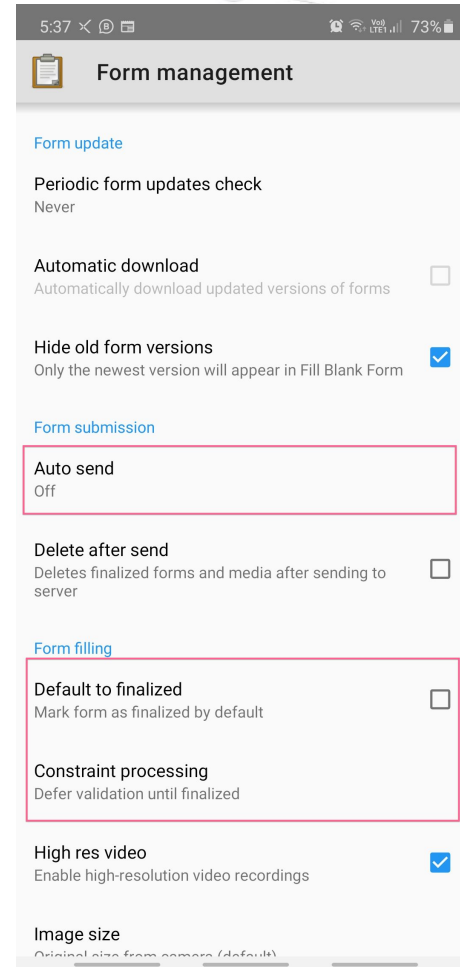
[Cancel](#) [Add](#)

Training User Credentials

- ODK Aggregate Server URL:
<https://odk.labsinformatix.com/>
- Site Admin
User ID: CDCILB
Password: CDCILB
- Data Collector
User ID: collector
Password: collector

Initial Setup

- Click on the small circular icon on top left corner and click on Settings
- Click on **Form Management**
- Make sure **Auto Send** is off
- Uncheck **Default to Finalized**
- Under Constraint processing select **Defer validation until finalized**



Using ODK Collect App

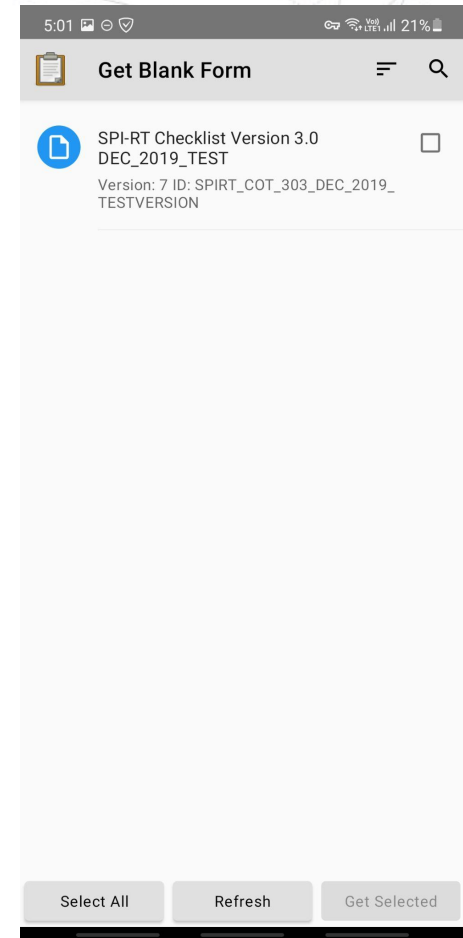
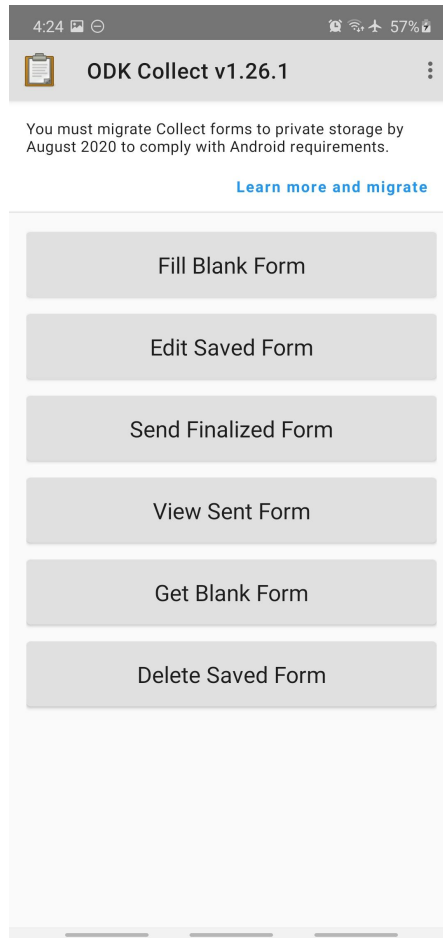
- ① Get Blank Form
- ② Fill form
- ③ Save and Sync to server
- ④ Admin can download the data in CSV format



Using ODK Collect

Initial Setup

- On the main screen and click on **Get Blank Form**
- From the list of forms shown, select the form that you want to use for survey and click on **Get Selected**
- This will download the form which you can access by clicking on **Fill Blank Form**





Let us try and submit a few audits on the ODK collect app



SPI RRT Dashboard

Dashboard Overview

- ◎ Setup a LAMP or WAMP server and install latest version of ODKDash application from <https://github.com/deforay/odkdash>
- ◎ Ensure to set up ODKDash application on a server with internet connection
- ◎ Configure ODK to Publish Data (steps in following slides with screenshots)
- ◎ Every 15-30 minutes data gets pushed from ODK server to SPI RT Dashboard application

Configuring ODK to Publish data to Dashboard

- ① Login to ODK with Admin Password
- ② Choose the SPI RT Form 3.0 from list of forms on top left
- ③ Now on top right, click on Publish
- ④ Choose Publish to : Z-ALPHA-JSON-SERVER and enter the URL of our ODK Dash app (<http://odkdasexampleserver.com/receiver>) .
- ⑤ You can select to publish both existing and new data. You can enter a Unique token and click on Publish



Log onto Aggregate

Sign in with Aggregate password

Click this button to log onto Aggregate using the username and password that have been assigned to you by the Aggregate sit

Sign in with Google

Click this button to log onto Aggregate using your Google account (via OpenID).

NOTE: you must allow this site to obtain your e-mail address. Your e-mail address will only be used for establishing website ac

Anonymous Access

Click this button to access Aggregate without logging in.

Types of user roles on ODK Aggregate

- ◎ **Data Collector:** able to download forms to ODK Collect and submit data from ODK Collect to ODK Aggregate.
- ◎ **Data Viewer:** able to log onto the ODK Aggregate website, filter, view, and export submissions.
- ◎ **Form Manager:** all the capabilities of a Data Viewer plus the abilities to upload a form definition, delete a form and its data, and upload submissions manually through the ODK Aggregate website.
- ◎ **Site Administrator:** all the capabilities of a Form Manager plus the ability to add users, set passwords, and grant these capabilities to other users.



Submissions

Form Management

Filter Submissions

Exported Submissions

Form

SPI-RT Checklist Version 3.0

Filter

none

Save

Save As

Delete

Previous

RTQII M & E

Submissions per page 100

Filters Applied

+ Add Filter

Display Metadata

start end today deviceid subscriberid text_image info

Wed Thu Nov Wed
Nov 19 20 Nov 19
✘ 15:51:50 09:20:36 00:00:00 357518052730579 310260130432137
UTC UTC UTC
2014 2014 2014

Mon Jan Wed Mon Jan
19 Feb 04 19
✘ 18:23:46 07:59:05 00:00:00 D0:59:E4:07:86:BC
UTC UTC UTC
2015 2015 2015

Mon Jan Wed Mon Jan
19 Feb 04 19
✘ 19:04:33 07:59:51 00:00:00 D0:59:E4:07:86:BC
UTC UTC UTC
2015 2015 2015

Log Out



 Visualize

 Export

 Publish

Checklist Version 3.0

Next

TESTSITE info1	FACILITY info2	TESTSITE assesmentofaudit	TESTSITE auditroundno	TESTSITE facilityname	TESTSITE facilityid	TESTSITE testi
		Tue Mar 01 00:00:00 UTC 2016	1	X12345	X000444	



Form SPI-RT Checklist Version 3.0 Filter none

Visualize

Export

Publish

Save Save As Delete

Submissions per page 100

Filters Applied

Add Filter

 Display Metadata

Form: SPIRT_3_0 Publish to: Z-ALPHA JSON Server Publish

Data to Publish: BOTH Upload Existing & Stream New Submission Data

Url to publish to: http://odkdashserverexample.com/receiver

Authorization token: MyTOKEN12345

Include Media as: Links(URLs) to Media



How to use the SPI RRT Dashboard ?

What can the SPI RRT Dashboard do?

1. Audit Data Visualization (Charts and Tables)
2. Export Data in Excel format
3. Print Individual Audit and Corrective Actions PDF
4. Manage Facilities
5. Merge Facilities
6. Edit Audits (only some parts)
7. Manage Users who can access Dashboard

Log in to Dashboard



Dashboard for Quality Improvement of HIV Rapid
Testing

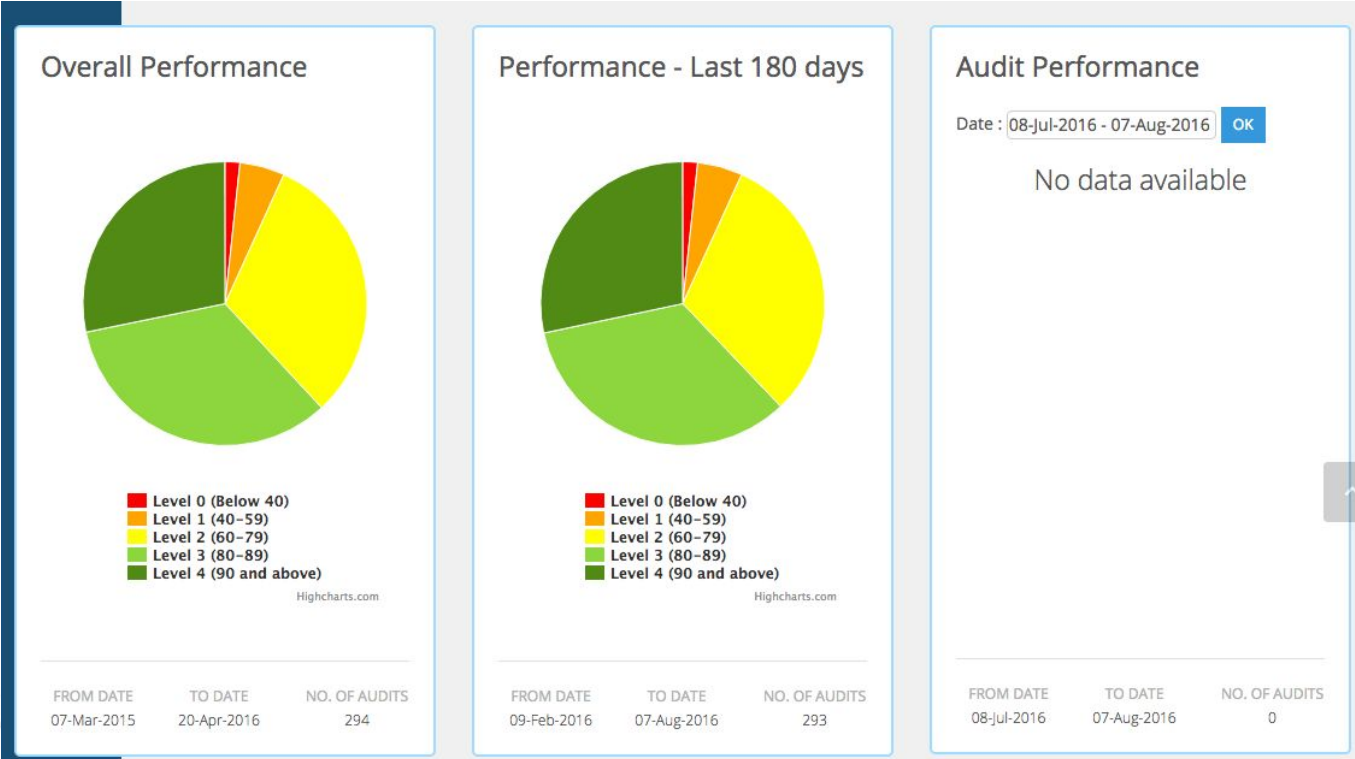
 Username

 Password

Log me in

Improving the quality of HIV-Related Point-of Care Testing
1 December 2015

Overall Performance Charts

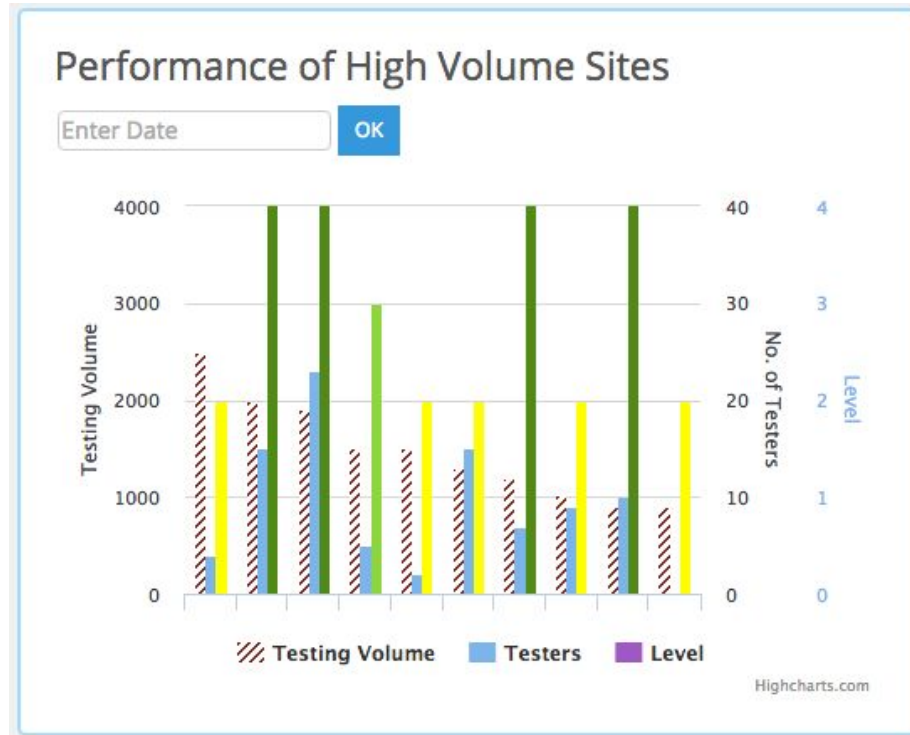


Exploring the Dashboard Page

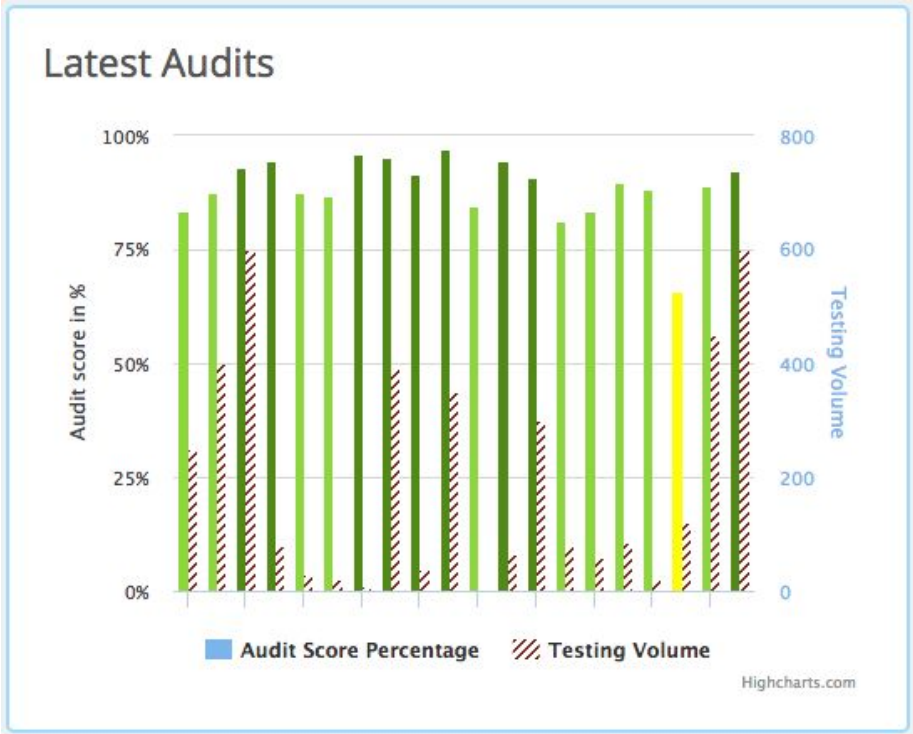
On login, the user is taken to dashboard page which has the following :

1. Overall Performance Charts (Pie charts)
2. Performance of High Volume Sites
3. Latest Audits
4. Audit Performance
5. Audit Locations
6. Worst Performing Questions
7. Audit Dates

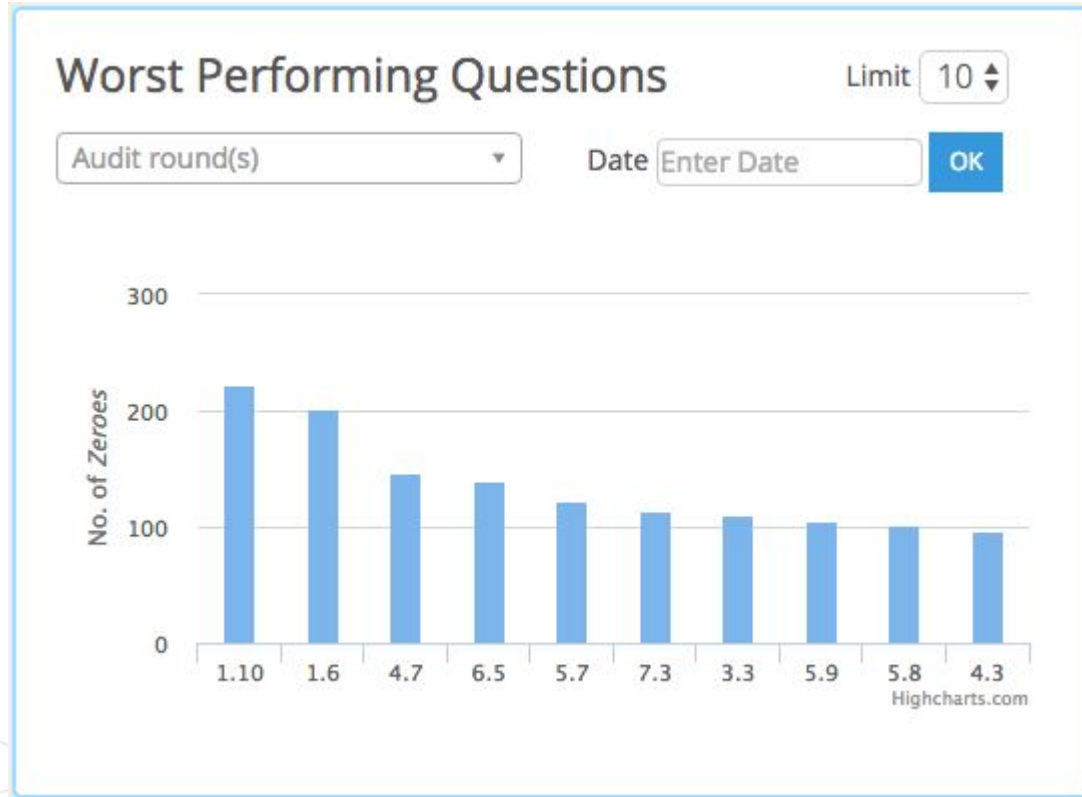
Performance of High Volume Sites



Latest Audits

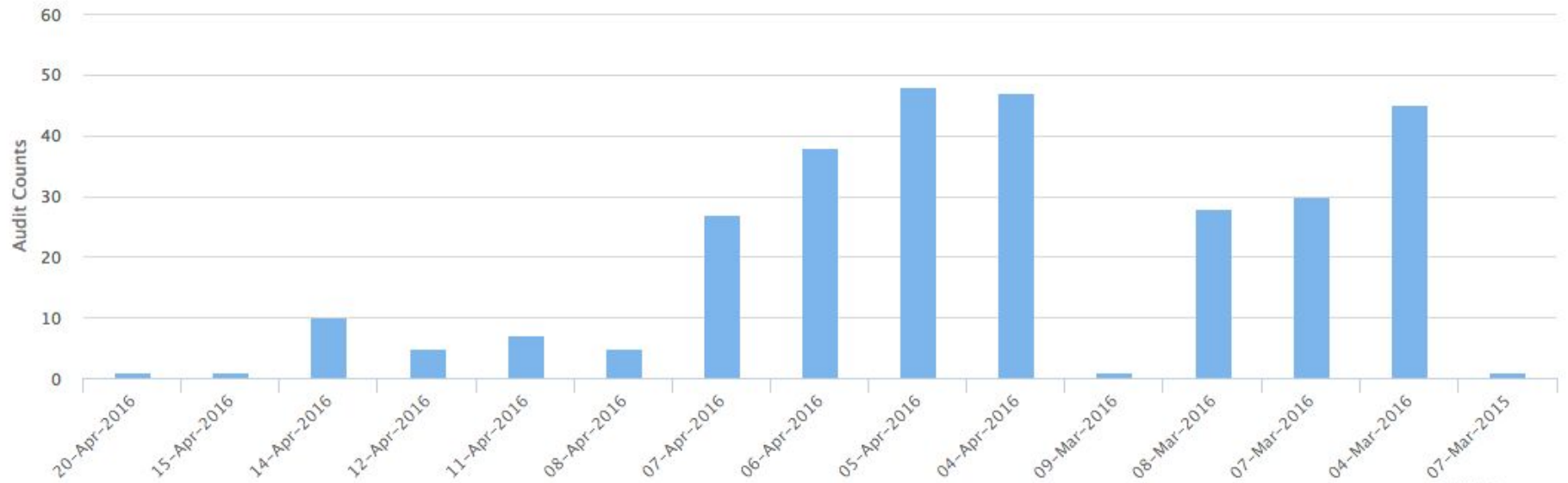


Worst Performing Questions



Audit Dates

Audit Dates



SPI RRT Checklist Page

- ◎ On this page, users can filter and search for specific audits
- ◎ Users can download complete audit PDF or just Corrective Actions PDF
- ◎ Users can Export complete data in Excel

Facilities



SPI RT Facilities

[Merge Facilities](#) [+ Add Facility](#)

Show 50 entries

Search:

Facility ID	Facility Name	Email	Contact Person	Action
0232	Facility 0232	amit@deforay.com		Edit
0231	Facility 0231			Edit
0230	Facility 0230			Edit
0229	Facility 0229			Edit



Merge Facilities

The image shows a web form titled "Merge Facilities" with a dark border. The form contains four input fields, each with a red asterisk indicating a required field. The first field is a dropdown menu for "Facility Name" with "Jamaica Teaching Hospital" selected. The second is a text input for "Updated/New Facility ID" containing "01010106". The third is a text input for "Updated/New Facility Name" containing "Jamaica Teaching Hospital". The fourth is a dropdown menu for "Facility to merge with this" with "01010106 - Jamaica Teachi..." selected. At the bottom left of the form is a blue button with the text "Merge Facility Name".

Facility Name *	Jamaica Teaching Hospital ▾
Updated/New Facility ID *	01010106
Updated/New Facility Name *	Jamaica Teaching Hospital
Facility to merge with this *	01010106 - Jamaica Teachi... ▾

[Merge Facility Name](#)

Email Functionality

Email

Facility *

Facility 0006

Facility Email Address *

fac006@example.org

Choose Audits

All selected

Message *

Dear John Deaux,

Please find the Audit attached.

Admin

Attachments

Choose Files No file chosen

Send Cancel