



STC|ONE Cohort Immunity Assessment Tool (iCAT)

Prepared by STChealth
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Background

To adequately prepare critical workforce and population groups with enhanced disease risk to receive protection against pandemic threats, the individuals that comprise these groups must be accurately identified and thoroughly assessed for immunity.

The Cohort Immunity Assessment Tool (iCAT) described below is designed to allow users to upload a population group to the registry, identify or create IIS accounts for each individual, then assess and report on the serological evidence of immunity and/or vaccination coverage status for individuals and the group as a whole.

Configuration

Property to Enable iCAT

By having a property to enable iCAT, there is flexibility for jurisdictions that are not interested in utilizing the feature.

Once the property is enabled, you will be able to assign users the iCAT permission which will allow users to access the iCAT functionality. Both the property and the permission are required to access the functionality.

Enable iCAT Property

1. Click Administration
2. Click Properties
3. Expand Registry Settings
4. Check the box for Enable iCAT
5. Click Save

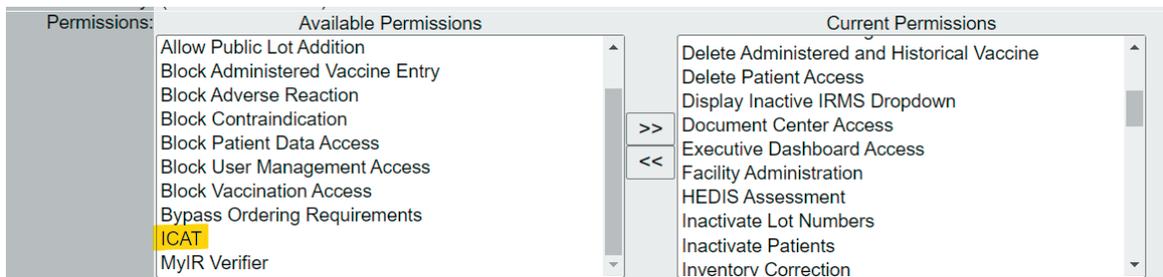




Web User Permission

The addition of a Web User Permission allows a user to view, update and configure items related to patient assessment.

1. Click Administration
2. Click Search / Add User
3. Search for and select a user
4. Click Update
5. The iCAT permission will be available for users with the access level of
 - a. Registry Client
 - b. Organization Client
 - c. Facility Client
6. Move the iCAT permission from Available Permissions to Current Permissions
7. Click Update



Facility Designation of Employer

The **Facility Maintenance** page is where you can determine the facility designation. Multiple options can be checked for a single facility. These options will be displayed if either iCAT or Lead are enabled in the application.

Log in as a user with the Facility Maintenance permission.

1. Click Facilities
2. Click Search/Add
3. Click Search
4. Select an existing facility
5. **Facility Designation** is visible
6. Click Edit to modify the designation
7. Click Save



Options include:

- Facility
- Employer
- Lab (if lead module is enabled)



Functionality

- Once enabled a user will be able to:
- Identify an employer
 - Access the Assessment section on the patient demographics screen
- View and update Employer, Occupation, Campaign and Population Group
- Run reminder recall by employer, campaign and population group
- Manage Rosters
- Access Assessment Reporting

Importing Data

Patient data can be imported using the DTT for iCAT. The following fields are now available that can be imported along with other patient demographic information:

- Employer
- Occupation
- Campaign
- Priority Group (Priority Groups are the defined Tiers of a campaign)

The file does not need to contain fields for employer, campaign or population group. Those can be defined as defaults using the functionality of the DTT. Refer to the DTT documentation for more information.

NOTE: A patient cannot be removed from an employer by uploading a new employer for that patient. If you need to delete a patient from a Roster, that can be done through the Manage Population functionality.

Managing Patient Data

Users with the iCAT permission will be able to view and make updates to the **Assessment** section on the **Patient Demographics** page.

- 1.
2. Click Patient > Search/Add
3. Search for and select an existing patient

Expand the **Assessment** section

+ Birth & Death			
- Assessment			
Employer:	TEST EMPLOYER 26108	Occupation:	29-1011 Chiropractors
Campaign:	MMR MASS IMMUNIZATION CAMPAIGN	Population Group:	TIER ONE
+ Patient Specific Reports			

- The employer drop down list will populate with active facilities that have a designation of employer.
- The occupation drop down list will contain the list of occupations as defined by the HL7 code set.
- The Campaign drop down list will contain the active campaigns that have been defined in the registry.
- The Population Group drop down list will contain the active tiers that have been defined in the registry.



MyIR Mobile Invitation

When an employer is added to the patient record either through a DTT upload or manual data entry, a MyIR invitation email will be sent to the patient when:

1. MyIR mobile is configured for the registry
2. iCAT is enabled in the registry
3. The patient has a valid email address
4. The patient has a phone number

The registry will flag the patients to be sent an invitation. Once that email is sent, the flag will be removed so that the patient does not receive multiple invites.

Managing Population Groups

Users with the iCAT permission will be able to manage rosters from the **Manage Population** page. A user can view a roster based on Employer, Campaign or Population group.

1. Click Patients
2. Click Manage Population
3. Select the Roster radio button
4. Selecting the button displays additional drop down lists which include:
 - a. Employer
 - b. Campaign
 - c. Population Group
5. Once one or more of the options are selected, click the **Search** button.
6. A list of patients that belong to the parameters set for the roster will display.
7. A user will be able to remove one or more patients from the employer or population group from this view.

Manage Patient Population

Limit Report By

- Roster
- Search for patients owned by my Organization/Facility
- Search for all patients that I have vaccinated

Organization Level Status: All

Patient Birth Date Range: From [] Through []

Vaccination Date Range: From [] Through []

Employer: All

Campaign: All

Population Group: All

Clear Search

NOTE: Ownership is not considered when displaying a roster. All patients belonging to the defined roster will display.



Reminder Recall

Users with the iCAT permission will be able to limit their reminder or recall by employer, campaign and population group.

1. Click **Reminder Recall** from the main menu.
2. Under the **'Who do you want to contact'** section, click the **Advanced** tab.
3. The options for Employer, Campaign and Population group will be available.

Exclude patients who were sent a notification in the last:

of Days Weeks Months Years

Physician	Health Plan	Facility Type
Association	Program	High Risk Category
State	County/Parish	Health District/Region
Employer	Campaign	Population Group

Zip Code:

Appointment Date: From Through

Deferred Vaccinations Only

Compromised Vaccinations Date From Through

Do Not Include Confidential Vaccinations Lot Number

Advanced

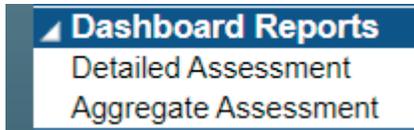


Dashboard Reports

Users with the iCAT permission will have access to the dashboard reports. These are available from the main menu under the Dashboard Reports header

- 1.
2. From the main menu expand the Dashboard Reports header
3. The Detailed Assessment report will be available to Registry Client users

The Aggregate Assessment report will be available to all iCAT users



Detailed Assessment Report – Registry client users will have the ability to view assessment reporting based on employer, campaign, and population group for COVID-19 as well as other vaccines. The reporting will detail out:

- Assessed Individuals' Names, DOB and Occupation
- Last vaccination and the dose number
- Immunity Status
- When the next dose is due



Report Date: 08/06/2021

Employer:
 Campaign:
 Population Group:

Total Employees: 12

Overall Employee Status



● 0% (0 people) No Vaccine Needed
 ● 100% (12 people) Vaccine Needed

Status Breakdown



● 0% (0 people) Vaccination Series Complete
 ● 0% (0 people) Need Additional Doses in Series
● 0% (0 people) Serological Evidence of Immunity
 ● 100% (12 people) No Vaccination or Serological Immunity

Employee Name Search

Facility	Facility Address	Name	DOB	Occupation	Last Vaccination	Dose Number	Immunity Status	Next Dose Due
IVINSON MEMORIAL HOSPITAL	255 N 30TH STREET LARAMIE, WY 82070	CRAIG ALBERT HUTCHESON	08/28/53	Other Healthcare Support Workers			ⓘ Not Started	No Dose Forecasted
IVINSON MEMORIAL HOSPITAL	255 N 30TH STREET LARAMIE, WY 82070	CYNTHIA JILL MOSCIARO	05/29/73	Technologist/Technicians-Other			ⓘ Not Started	No Dose Forecasted
IVINSON MEMORIAL HOSPITAL	255 N 30TH STREET LARAMIE, WY 82070	DIANA KAY KASINGER	08/18/49	Other Healthcare Support Workers			ⓘ Not Started	No Dose Forecasted
IVINSON MEMORIAL HOSPITAL	255 N 30TH STREET LARAMIE, WY 82070	JEFF J. JOHNSTON	08/18/62	Other Healthcare Support Workers			ⓘ Not Started	No Dose Forecasted
IVINSON MEMORIAL HOSPITAL	255 N 30TH STREET LARAMIE, WY 82070	JUDY ANN GORHAM	10/29/48	Nurse - Registered			ⓘ Not Started	No Dose Forecasted
IVINSON MEMORIAL HOSPITAL	255 N 30TH STREET LARAMIE, WY 82070	KAY E SODERBERG	08/13/53	Medical and Clinical Laboratory Technologists			ⓘ Not Started	No Dose Forecasted
IVINSON MEMORIAL HOSPITAL	255 N 30TH STREET LARAMIE, WY 82070	LETHEA ANN WENDERSON	03/12/59	Technologist/Technician-Radiology			ⓘ Not Started	No Dose Forecasted

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Aggregate Assessment Report – This report will be accessible by all users with the iCAT permission and will provide aggregate information based on employer, campaign, and population group for COVID-19 as well as other vaccines. The reporting will detail out:

- Aggregate counts/percentages of Serological Evidence of Immunity
- Aggregate counts/percentages of Vaccination Series Completion
- Aggregate counts/percentages of Vaccination Doses Received

Report Date: 08/06/2021

Employer: IVINSON MEMORIAL HOSPITAL ▼ Campaign: COVID ▼ Population Group: <All> ▼

IVINSON MEMORIAL HOSPITAL

Total Assessed: 12	Total	Percentage	Status
Serological Evidence of Immunity	0	0%	No Vaccine Needed
Vaccination Series Complete	0	0%	No Vaccine Needed
Dose One Received, but Missing Dose Two	0	0%	Vaccine Needed
No Vaccinations Received or Serological Immunity	12	100%	Vaccine Needed