

# Coronavirus COVID-19 Resource Dashboard Detailed Documentation

Last updated: 03/27/2020 7:00PM

# COVID-19 Resource Center - Summary

*Topics:* COVID-19

*Applications:* Beaker Lab, EpicCare Inpatient and Ambulatory

*Epic Records:* R IDM 126991

*Consumers:* Executives, Directors, Managers

*Scope:* As needed for decision-making

*Reporting tools:* Cogito, SlicerDicer, external reports

*First Available Date:* 03/18/2020

Executives and managers can use the COVID-19 Resource Center to view crucial data for decision-making and review trends for key metrics related to COVID-19. These metrics include counts of inpatients and outpatients with positive results, pending testing, and negative results, volume of COVID-19 tests in the past 24 hours and total, average test turnaround time (TAT), counts of orders not collected, counts of specimens not received in the lab, ED visits, outpatient appointment and no-show counts, and telehealth appointment counts.

# COVID-19 Resource Center - Components

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# Message Board

Tool	Report Name	HRX	Report Template	Summary Name
Msg Board	COVID-19 Message Board	-	-	-

## Left Column

Message Board

All Positive Patients

Positive IP and OP

All Positive Patients by Result Date

Pending Tests

Average TAT by Facility and Destination Lab

## *Definition*

This component shows the latest messages from the IT/development team about important changes to the COVID-19 dashboard.

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# All Positive Patients

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - ALL Patients with Positive Coronavirus COVID-19 Aggregated Results (Since 03/01/20)	5549192	Find Orders [440]	Positive Patients by Facility

## Left Column

Message Board

All Positive Patients

Positive IP and OP

All Positive Patients by Result Date

Pending Tests

Average TAT by Facility and Destination Lab

## Definition

This component shows all patients with positive results for any Coronavirus COVID-19 test, with grand total and counts by Facility.

## Logic

This component looks for all COVID-19 orders with final, abnormal results.

- Technical:* Search basis Patient ADT Status equals ANY AND Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND Abnormal? (I ORD 130) equals Abnormal AND Order Status (I ORD 90) equals Verified or Completed AND Order display name (I ORD 46) contains Coronavirus OR COVID AND Specimen ID (I ORD 320) exists

## Data this component returns

This component shows badges for total positive patients and total positive patients (IP and OP) by facility. Facility is defined by the facility where the patient was when the COVID-19 order was placed.

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# Positive IP and OP

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - ALL Patients with Positive Coronavirus COVID-19 Aggregated Results (Since 03/01/20)	5549192	Find Orders [440]	All Positives by Admit then Facility

## Left Column

Message Board

All Positive Patients

Positive IP and OP

All Positive Patients by Result Date

Pending Tests

Average TAT by Facility and Destination Lab

## Definition

This component shows all patients with positive results for any Coronavirus COVID-19 test, by patient current admission status.

## Logic

This component looks for all COVID-19 orders with final, abnormal results.

- Technical:* Search basis Patient ADT Status equals ANY AND Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND Abnormal? (I ORD 130) equals Abnormal AND Order Status (I ORD 90) equals Verified or Completed AND Order display name (I ORD 46) contains Coronavirus OR COVID AND Specimen ID (I ORD 320) exists

## Data this component returns

This component shows badges for total currently-admitted patients (IP) and total not currently-admitted patients (OP).

[Return to Dashboard Component List](#)

# All Positive Patients by Result Date

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - ALL Patients with Positive Coronavirus COVID-19 Aggregated Results (Since 03/01/20)	5549192	Find Orders [440]	Positive Patients by Result Date and Ordering Facility

## Left Column

Message Board

All Positive Patients

Positive IP and OP

All Positive Patients by Result Date

Pending Tests

Average TAT by Facility and Destination Lab

## Definition

This component shows all patients with positive results for any Coronavirus COVID-19 test, by test final verification date. **NB:** in order to aggregate results for the changing COVID-19 ordering processes since 02/15/20 and to rectify destination labs for other dashboard components, several result corrections were authorized to make updates to tests. For most tests, the date results are reported will equal final verification date, but for result corrections result date may not equal verification date.

## Logic

This component looks for all COVID-19 orders with final, abnormal results.

- Technical:* Search basis Patient ADT Status equals ANY AND Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND Abnormal? (I ORD 130) equals Abnormal AND Order Status (I ORD 90) equals Verified or Completed AND Order display name (I ORD 46) contains Coronavirus OR COVID AND Specimen ID (I ORD 320) exists

## Data this component returns

This component shows a graph of unique patients with positive results by final verification date and facility. **NB:** if one patient had multiple positives on different dates, the counts on this graph could show slight discrepancies with the total counts on All Positive Patients and Positive IP and OP components.

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# Pending Tests

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - COVID-19 Pending Tests	5526405	Find Lab Test Results [51668]	Collected CoVID-19 Tests by Collection Date

## Left Column

Message Board

All Positive Patients

Positive IP and OP

All Positive Patients by Result Date

Pending Tests

Average TAT by Facility and Destination Lab

## Definition

This component shows all tests for COVID-19 that are pending (i.e. that have been collected but not yet final verified by the lab). **NB:** "[No Value]" usually indicates the specimen has not yet been sent out to the testing lab.

## Logic

This component looks for pending COVID-19 tests, excluding canceled and verified tests.

- Technical:* QC specimen (I OVS 500) not equal to Yes AND Test (I OVR 76) equals Coronavirus, COVID-19 [1230102051] OR Coronavirus, CoVID-19 (non-interfaced reference lab) [1230102052] OR Miscellaneous Test [17] AND 02/15/20 ≤ Date collected (I OVS 100) ≤ T AND Order status (I ORD 90) equals Sent OR Resulted OR Pending OR Pending Verify AND Order Display Name (I ORD 46) contains Coronavirus OR COVID

## Data this component returns

This component shows pending test counts with breakdown by order location, then destination lab, then specimen collection date in tabular format. It also displays totals in badge format.

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# Average TAT by Facility and Destination Lab

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Coronavirus COVID-19 All Tests TAT (Since 03/01/20)	5533772	Find Lab Test Results [51668]	Average TAT

## Left Column

Message Board

All Positive Patients

Positive IP and OP

All Positive Patients by Result Date

Pending Tests

**Average TAT by Facility and Destination Lab**

## Definition

This component shows average turnaround time (TAT) for COVID-19 tests that have been collected since 03/01/20.

## Logic

This component looks for all COVID-19 tests collected from 03/01/20 to the current date, excluding canceled tests.

- *Technical:* QC specimen (I OVS 500) not equal to Yes AND Test (I OVR 76) equals Coronavirus, COVID-19 [1230102051] OR Miscellaneous Test [17] OR Coronavirus, CoVID-19 (non-interfaced reference lab) [1230102052] AND  $03/01/20 \leq \text{Date collected (I OVS 100)} \leq T$  AND Order status (I ORD 90) not equal to Canceled AND Order display name (I ORD 46) contains Coronavirus OR CoVID

## Data this component returns

This report shows the following TAT averages, grouped first by order facility and then by destination lab.

- Ord-Coll is Ordered to Collected elapsed time
- Col-1Rec is Collected to First Received elapsed time
- 1Rec-2Rec is First Received to Last Received elapsed time (2Rec is time when specimen is marked ready for sendout)
- 2Rec-Verify is Last Received to test Final Verified elapsed time.

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# Inpatients with Active COVID-19 Infection Flag

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Inpatients with Active Coronavirus COVID-19 Infection Flag	5531570	FIND IP Patients Generic Criteria [34010]	Admitted Patients with CoVID-19 Infection

## Center Column

**Inpatients with Active COVID-19 Infection Flag**

Pending Testing on Inpatients

Pending Testing on Inpatients, by Admit Date

Negative Inpatients

Tests and Unique Patients Collected in Past 24 Hours

Tests and Unique Patients Totals

Orders Not Yet Collected

Containers Collected but Not Yet Received (Older than One Day)

## Definition

This component shows any currently-admitted inpatients with an active infection flag for COVID-19.

## Logic

This component looks for any currently-admitted inpatients with an active infection flag for COVID-19.

- *Technical:* Search Base Admitted Patients by Hospital AND  
Location: Hospital (I EAF .1) equals {Insert Hospitals Here} AND  
Infection: Active Infections (I EPT 10375) equals COVID-19

## Data this component returns

This component shows MRN, Admit Date, Unit, Room/Bed, Facility, and Break the Glass status for all current inpatients with an active COVID-19 infection flag.

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# Pending Testing on Inpatients

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Inpatients with Pending Coronavirus COVID-19 Test (Aggregated) (Since 03/01/20)	5546486	Find Orders [440]	Inpatients with Pending COVID-19 Test by Facility

## Center Column

Inpatients with Active COVID-19 Infection Flag

**Pending Testing on Inpatients**

Pending Testing on Inpatients, by Admit Date

Negative Inpatients

Tests and Unique Patients Collected in Past 24 Hours

Tests and Unique Patients Totals

Orders Not Yet Collected

Containers Collected but Not Yet Received (Older than One Day)

## Definition

This component shows all currently-admitted patients with pending COVID-19 orders (i.e., orders is not canceled or final verified by the lab). **NB:** This report uses the Find Orders template. There may be slight discrepancies with the Pending Tests component in the left column (which uses Find Lab Test Results template).

## Logic

This component looks for currently-admitted patients since 03/01/20 to the current date with pending COVID-19 orders, excluding cancels and verified orders.

- Technical:** Search Basis equals Admitted Patients – 03/01/20 ≤ Order Time Range ≤ T AND Location: Hospital (I EAF .1) equals {Insert Hospitals Here} AND Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND Order status (I ORD 90) equals Sent OR Pending OR Pending Verify OR Resulted AND Order display name (I ORD 46) contains Coronavirus OR COVID AND Specimen ID (I ORD 320) exists

## Data this component returns

This component shows the counts of currently-admitted patients with pending COVID-19 orders in badge format, with grand totals and counts by ordering facility.

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# Pending Testing on Inpatients, by Admit Date

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Inpatients with Pending Coronavirus COVID-19 Test (Aggregated) (Since 03/01/20)	5546486	Find Orders [440]	Inpatients with Pending COVID-19 Test by Admit Date and Facility

## Center Column

Inpatients with Active COVID-19 Infection Flag

Pending Testing on Inpatients

Pending Testing on Inpatients, by Admit Date

Negative Inpatients

Tests and Unique Patients Collected in Past 24 Hours

Tests and Unique Patients Totals

Orders Not Yet Collected

Containers Collected but Not Yet Received (Older than One Day)

## Definition

This component shows all currently-admitted patients with pending COVID-19 orders (i.e., orders is not canceled or final verified by the lab). **NB:** This report uses the Find Orders template. There may be slight discrepancies with the Pending Tests component in the left column (which uses Find Lab Test Results template).

## Logic

This component looks for currently-admitted patients since 03/01/20 to the current date with pending COVID-19 orders, excluding cancels and verified orders.

- Technical:** Search Basis equals Admitted Patients – 03/01/20 ≤ Order Time Range ≤ T AND Location: Hospital (I EAF .1) equals {Insert Hospitals here} AND Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND Order status (I ORD 90) equals Sent OR Pending OR Pending Verify OR Resulted AND Order display name (I ORD 46) contains Coronavirus OR COVID AND Specimen ID (I ORD 320) exists

## Data this component returns

This component graphs the counts of unique currently-admitted patients with pending COVID-19 orders by ordering facility and admit date.

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# Negative Inpatients

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Inpatients with Negative Coronavirus COVID-19 Aggregated Results (Since 03/01/20)	5546658	Find Orders [440]	Negative Inpatients by Facility

## Center Column

Inpatients with Active COVID-19 Infection Flag

Pending Testing on Inpatients

Pending Testing on Inpatients, by Admit Date

**Negative Inpatients**

Tests and Unique Patients Collected in Past 24 Hours

Tests and Unique Patients Totals

Orders Not Yet Collected

Containers Collected but Not Yet Received (Older than One Day)

## Definition

This component shows all currently-admitted patients with negative COVID-19 results.

## Logic

This component looks for any currently-admitted patients with negative COVID-19 results since 03/01/20 to the current date.

- Technical:* Search Basis equals Admitted Patients –  $03/01/20 \leq \text{Order Time Range} \leq T$  AND Location: Hospital (I EAF .1) equals {Insert Hospitals here} AND Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND Order status (I ORD 90) equals Verified OR Completed AND Abnormal? (I ORD 130) does not exist AND Order display name (I ORD 46) contains Coronavirus OR COVID AND Specimen ID (I ORD 320) exists

## Data this component returns

This component shows the counts of currently-admitted patients with negative COVID-19 results in badge format, with grand totals and counts by ordering facility.

# Tests and Unique Patients Collected in Past 24 Hours

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Coronavirus COVID-19 All Tests Collected (Past 24 Hours)	5530094	Find Lab Test Results [51668]	Tests Status Summary (ALL Tests)

## Center Column

Inpatients with Active COVID-19 Infection Flag

Pending Testing on Inpatients

Pending Testing on Inpatients, by Admit Date

Negative Inpatients

Tests and Unique Patients Collected in Past 24 Hours

Tests and Unique Patients Totals

Orders Not Yet Collected

Containers Collected but Not Yet Received (Older than One Day)

## Definition

This component shows total counts of COVID-19 tests and unique patients **collected in the past 24 hours** in any status (i.e., on test, resulted, verified), excluding cancels. **NB** that this component displays specimens collected 24h prior to the time at which it is viewed and thus fluctuates depending on the viewing time.

## Logic

This component looks for all COVID-19 tests collected in the past 24 hours, excluding canceled tests.

- Technical:** QC specimen (I OVS 500) not equal to Yes AND Test (I OVR 76) equals Coronavirus, COVID-19 [1230102051] OR Miscellaneous Test [17] OR Coronavirus, CoVID-19 (non-interfaced reference lab) [1230102052] AND T-1, N ≤ Specimen Group Date and Time collected (I OVS 51502) ≤ T, N AND Order status (I ORD 90) not equal to Canceled AND Order display name (I ORD 46) contains Coronavirus OR CoVID

## Data this component returns

This component shows the counts of COVID-19 tests and unique patients in tabular format (grouped first by test status and then by collecting facility) and in badge format (totals).

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# Tests and Unique Patients Totals

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Coronavirus COVID-19 All Tests (Excluding Cancels)	5529518	Find Lab Test Results [51668]	Tests Status Summary (ALL Tests)

## Center Column

Inpatients with Active COVID-19 Infection Flag

Pending Testing on Inpatients

Pending Testing on Inpatients, by Admit Date

Negative Inpatients

Tests and Unique Patients Collected in Past 24 Hours

Tests and Unique Patients Totals

Orders Not Yet Collected

Containers Collected but Not Yet Received (Older than One Day)

## Definition

This report shows total number of COVID-19 tests in any status (on test, verified) and the unique patients, excluding canceled tests.

## Logic

This component looks for all collected COVID-19 tests, excluding canceled tests.

- Technical:* QC specimen (I OVS 500) not equal to Yes AND  
 Test (I OVR 76) equals Coronavirus, COVID-19 [1230102051] OR Miscellaneous Test [17] OR  
 Coronavirus, CoVID-19 (non-interfaced reference lab) [1230102052] AND  
 Order status (I ORD 90) not equal to Canceled AND  
 Order display name (I ORD 46) contains Coronavirus OR CoVID

## Data this component returns

This component shows the counts of COVID-19 tests and unique patients in tabular format (grouped first by ordering facility, then test status, and then result abnormality) and in badge format (grand totals). **NB:** For the results (last subgrouping): **Abnormal = Detected** and **[No value] = Not Detected** for **Verified** tests, and **not yet resulted** for **On Test** or **Resulted** tests.

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# Orders Not Yet Collected

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Coronavirus COVID-19 Orders Not Collected	5526335	Lab Past Due Reports [51351]	Time Elapsed

## Center Column

Inpatients with Active COVID-19 Infection Flag

Pending Testing on Inpatients

Pending Testing on Inpatients, by Admit Date

Tests and Unique Patients Collected in Past 24 Hours

Tests and Unique Patients Totals

**Orders Not Yet Collected**

Containers Collected but Not Yet Received (Older than One Day)

## Definition

This component shows any COVID-19 orders that have been released by hospital staff but not yet collected to help identify orders needing collection.

## Logic

This component looks for any COVID-19 orders older than 0 days but newer than 15 days.

- Technical:* Ordering date is older than 0 days AND  
Ordering date is newer than 15 days AND  
Procedure (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) [LAB4944] OR  
CORONAVIRUS, COVID-19 (REFERENCE LAB) OR MISCELLANEOUS LAB TEST [LAB000] AND  
Order display name (I ORD 46) contains Coronavirus OR COVID

## Data this component returns

This component shows the number of orders that have not been collected. For each order ID, it shows Patient MRN, Ordering Department, Authorizing Provider, and Time elapsed since ordering.

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# Containers Collected but Not Yet Received (Older than One Day)

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Coronavirus COVID-19 Specimens Collected but not Received (Older than One Day)	5528189	Lab Containers [51506]	Containers Not Received by Day

## Center Column

Inpatients with Active COVID-19 Infection Flag

Pending Testing on Inpatients

Pending Testing on Inpatients, by Admit Date

Tests and Unique Patients Collected in Past 24 Hours

Tests and Unique Patients Totals

Orders Not Yet Collected

**Containers Collected but Not Yet Received  
(Older than One Day)**

## Definition

This component shows any COVID-19 containers that have been collected but have not yet been received by a lab that are older than one day. This data identifies COVID-19 containers that may be lost or misplaced and need to be found and sent to the lab, or orders that need to be canceled.

## Logic

This component shows any COVID-19 containers that have been collected but have not yet been received by a lab that are older than one day.

- Technical:* 03/13/20 ≤ Event LAB COLLECTION DETAILS UPDATED < T AND  
Last Received Date: Field is blank  
Test (I OVR 76) equals Coronavirus, CoVID-19 (LabCorp) OR Coronavirus, CoVID-19 (non-interfaced reference lab) OR Miscellaneous Test AND  
Validation status (I OVS 38) not equal to 10-Canceled AND  
Order display name (I ORD 46) contains Coronavirus OR COVID

## Data this component returns

This component shows the collection date, collection department, and collector <sup>17</sup> for each container that has not yet been received.

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# Positive Outpatients/Discharged Patients

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Outpatients/Discharged Patients with Positive Coronavirus COVID-19 Aggregated Results (Since 03/01/20)	5546425	Find Orders [440]	Positive Outpatients

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

Negative OP/Discharged Patients

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component shows all outpatients/discharged patients with positive COVID-19 results.

## Logic

This component looks for any outpatients/discharged patients with positive COVID-19 results since 03/01/20 to the current date.

- Technical:* Orders from  $03/01/20 \leq \text{Order Time Range} \leq T$  AND  
Patient ADT Status (I EPT 10115) equals Discharged OR LoA OR HOV AND  
Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND  
Order status (I ORD 90) equals Verified OR Completed AND  
Abnormal? (I ORD 130) equals Abnormal AND  
Order display name (I ORD 46) contains Coronavirus OR COVID AND  
Specimen ID (I ORD 320) exists

## Data this component returns

This component shows MRN, Discharge Date, Result Date, Collection Department, Ordering Facility, and Break the Glass status for all positive outpatients/discharged patients.

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# Pending Testing on Outpatients/Discharged Patients

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Outpatients/Discharged Patients with Pending Coronavirus COVID-19 Test (Aggregated) (Since 03/01/20)	5546526	Find Orders [440]	Outpatients with Pending COVID-19 Test by Ordering Facility

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

Negative OP/Discharged Patients

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component shows all outpatients/discharged patients with pending COVID-19 orders (i.e., orders is not canceled or final verified by the lab). **NB:** This report uses the Find Orders template. There may be slight discrepancies with the Pending Tests component in the left column (which uses Find Lab Test Results template).

## Logic

This component looks for outpatients/discharged patients since 03/01/20 to the current date with pending COVID-19 orders, excluding cancels and verified orders.

- Technical:** Orders from 03/01/20 ≤ Order Time Range ≤ T AND  
 Patient ADT Status (I EPT 10115) equals Discharged OR LoA OR HOV AND  
 Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR  
 MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND  
 Order status (I ORD 90) equals Sent OR Pending OR Pending Verify OR Resulted AND  
 Order display name (I ORD 46) contains Coronavirus OR COVID AND  
 Specimen ID (I ORD 320) exists

## Data this component returns

This component shows the counts of outpatients/discharged patients with pending COVID-19 orders in badge format, with grand totals and counts by ordering facility.

# Pending Testing on Outpatients/Discharged Patients, by Collection Date

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Outpatients/Discharged Patients with Pending Coronavirus COVID-19 Test (Aggregated) (Since 03/01/20)	5546526	Find Orders [440]	Outpatients with Pending COVID-19 Test by Collect Date and Facility

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

Negative OP/Discharged Patients

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component shows all outpatients/discharged patients with pending COVID-19 orders (i.e., orders is not canceled or final verified by the lab), in graphical format by specimen collection date. **NB:** This report uses the Find Orders template. There may be slight discrepancies with the Pending Tests component in the left column (which uses Find Lab Test Results template).

## Logic

This component looks for outpatients/discharged patients since 03/01/20 to the current date with pending COVID-19 orders, excluding cancels and verified orders.

- Technical:** Orders from 03/01/20 ≤ Order Time Range ≤ T AND  
 Patient ADT Status (I EPT 10115) equals Discharged OR LoA OR HOV AND  
 Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR  
 MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND  
 Order status (I ORD 90) equals Sent OR Pending OR Pending Verify OR Resulted AND  
 Order display name (I ORD 46) contains Coronavirus OR COVID AND  
 Specimen ID (I ORD 320) exists

## Data this component returns

This component graphs the counts of unique outpatients/discharged patients with pending COVID-19 orders by ordering facility and collection date.

# Negative Outpatients/Discharged Patients

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	Beaker Lab - Outpatients/Discharged Patients with Negative Coronavirus COVID-19 Aggregated Results (Since 03/01/20)	5546697	Find Orders [440]	Negative OP by Ordering Facility

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

**Negative OP/Discharged Patients**

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component shows all outpatients/discharged patients with negative COVID-19 results.

## Logic

This component looks for any outpatients/discharged patients with negative COVID-19 results since 03/01/20 to the current date.

- Technical:** Orders from  $03/01/20 \leq \text{Order Time Range} \leq T$  AND  
 Patient ADT Status (I EPT 10115) equals Discharged OR LoA OR HOV AND  
 Procedure Name (I ORD 40) equals CORONAVIRUS, COVID-19 (LABCORP) OR  
 MISCELLANEOUS LAB TEST OR CORONAVIRUS, COVID-19 (REFERENCE LAB) AND  
 Order status (I ORD 90) equals Verified OR Completed AND  
 Abnormal? (I ORD 130) does not exist AND  
 Order display name (I ORD 46) contains Coronavirus OR COVID AND  
 Specimen ID (I ORD 320) exists

## Data this component returns

This component shows the counts of outpatients/discharged patients with negative COVID-19 results in badge format, with grand totals and counts by ordering facility.

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# Helpful Links

Tool	Report Name	HRX	Report Template	Summary Name
Links	Helpful Links	n/a	n/a	n/a

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

Negative OP/Discharged Patients

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component displays helpful links useful for executives, directors, and managers. More links will be added over time to address any identified needs.

## Data this component returns

This component shows the following helpful links

- This detailed documentation
- Daily call breakdown of call center calls
- Link to internal resources
- Links out to CDC, State Health Services, and LabCorp websites

# ED Metrics

Tool	Report Name	HRX	Report Template	Summary Name
Measure	ED Metrics	n/a	n/a	n/a

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

Negative OP/Discharged Patients

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component displays the following ED metrics.

## Data this component returns

This component shows the following ED metrics

- Daily count of ED visits across the health system
- Average time of Arrival to Depart by day
- Average time of Arrival to ED Discharge by day
- Average time of Arrival to Admit by day

# Telehealth Visits (Yesterday and Today)

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	COVID-19 Tracking - Telehealth Appointments	5527983	ES Appt Search [55050]	Total Appts by Location and Status

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

Negative OP/Discharged Patients

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component shows the counts of telemedicine visits yesterday and today.

## Logic

This component shows the counts of telemedicine visits in the past two days.

- Technical:* Service Area (I EAF 5250) equals {Insert Service Area} AND  
Visit Type (I EPT 7100) equals VIDEO VISIT [1087] OR TELEPHONIC VISIT [1119]  
OR VIDEO VISIT NEW [890] OR VIDEO VISIT RETURN [891] OR E-VISIT [864] OR VIDEO  
CHAT MODALITIES [1088]  
Appointment status (I EPT 7020) equals Arrived [6] OR Scheduled [2] OR Completed [1]\*  
T-1 ≤ Appointment Date ≤ T AND  
Diagnoses this visit (I EPT 18400) not equal to ERRONEOUS ENCOUNTER—DISREGARD

\*note: appointment status also includes "Present" even though this option is not selectable in the report.

## Data this component returns

This component shows the counts of telemedicine visits in the past two days (yesterday and today) by appointment department revenue location, grouped by appointment status.



# Outpatient Appointment No Shows

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	COVID-19 - Appointments Total No-Show	5526474	ES Appt Search [55050]	Departments

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

Negative OP/Discharged Patients

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component shows the counts of today's appointment no-shows.

## Logic

This component shows the counts of today's appointment no-shows.

- Technical:* Location (I EAF .1) equals {Insert Outpatient Locations} AND  
Status (I EPT 7020) equals No Show AND  
T ≤ Appointment Date ≤ T AND  
Service Area (I EAF 5250) equals {Insert Service Area}

## Data this component returns

This component shows the counts of today's appointment no-shows visits by appointment department.

# Yesterday's Outpatient Visits

Tool	Report Name	HRX	Report Template	Summary Name
Cogito	COVID-19 Tracking - Appointments Total by Location	5526521	ES Appt Search [55050]	Total Appts by Location

## Right Column

Positive OP/Discharged Patients

Pending Testing on OP/Discharged Patients

Pending Testing on OP/Discharged Patients, by Collection Date

Negative OP/Discharged Patients

Helpful Links

ED Metrics

Telehealth Visits (Yesterday and Today)

Outpatient Appointment No Shows

Yesterday's Outpatient Visits

## Definition

This component shows the counts of yesterday's outpatient visits.

## Logic

This component shows the counts of yesterday's outpatient visits.

- Technical:* ADT: Patient class equals any outpatient patient class (see report for list) AND Status (I EPT 7020) equals Any (see report for list) except Transferred to Acute AND  $T-1 \leq \text{Appointment Date} \leq T-1$  AND Service Area (I EAF 5250) equals {Insert Service Area}

## Data this component returns

This component shows the counts of yesterday's outpatient visits by appointment department.