



Sentinel

Release Notes

v5.18.8



Support Services

For general support on this product, contact your system administrator or help desk. For up-to-date documentation, visit the STC Documentation Portal at <https://documentation.stchome.com/>.

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This documentation describes the following: Sentinel 5.18.8 release notes

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New Features

The following new feature was added in this release:

Key	Summary
CONSORT-4810	<p>NH CR 27 – Validation Profile for Investigations</p> <p>CR Requirements:</p> <ul style="list-style-type: none"> • https://stchome.atlassian.net/wiki/spaces/NHPRISM/pages/269877682/NH+SEN+C R+27+Validation+Profile+for+Investigations <p>To Test : UAT scripts:</p> <ul style="list-style-type: none"> • https://stchome.atlassian.net/wiki/spaces/SENTRESOURCES/pages/392266173/System+Admin+5.18.8 <ul style="list-style-type: none"> • Added Section 29 - NH CR 27 - Validation Profile Management - Steps 1 to 91. <p>Points to Note for the CR:</p> <ul style="list-style-type: none"> • Validation Profile Management is not supported for animal cases. • Validation Profile errors/warnings can be added with supported Core Data questions and CDC Form , Supplemental Form, Outbreak Event Form questions when associated to a case. • If a Validation Profile includes only one error/warning and if has Only Core Data conditions, Only the cases that have validation errors/warnings will display. If a Validation Profile has multiple errors/warning (or) If the profile includes a Core data question condition with OR Conditions,(or) If a profile has CDC form or Custom form conditions with either AND, OR conditions, All of the cases are displayed and only the ones with errors are highlighted. • When a Validation Profile includes a question related to a form, and if the case does not contain the form associated to it, the validation profile will be skipped for that case. Validation Profile will be applied only on the cases that have the form associated. <p>Set Up:</p> <ul style="list-style-type: none"> • Have a Validation Profile as: <div data-bbox="480 1318 880 1520" data-label="Image"> </div> • Have Arboviral CDC Form associated to some conditions. <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user with Validation Profile Management permission. 2. Select the above Validation Profile from Validation Profile Filter drop-down. 3. Notice that only the cases that have Arboviral Form associated to them and One of the conditions of the profile are true, have a Validation error. All the cases are skipped.

Fixed Bug List

The following bugs were fixed in this version. For detailed information, see the [Fixed Bug Details](#) section below.

Key	Summary
CONSORT-4807	Validations needed on Physician Management page
CONSORT-4806	Probable and definite match range accepts negative numbers
CONSORT-4805	Duplicate role names are allowed
CONSORT-4804	Having double quotation marks in Other Laboratory Name field generates an exception
CONSORT-4803	Displaying an error message on Physician Card
CONSORT-4802	Sending invalid ethnicity in PID-22; captured as blank
CONSORT-4801	Outbreak Events bulk export does not export all outbreak events
CONSORT-4800	Sending ELR with invalid ICD-10 code in OBR-31 displays the Reason for Testing column as blank in Case Listing Export
CONSORT-4799	Cannot backtrack Lyme disease second letter
CONSORT-4798	Pregnant and Jaundiced are sent to CDC as Unknown instead of blank
CONSORT-4797	Hepatitis CDC Form: Race of Mother
CONSORT-4796	Hepatitis MMG: INV 825 and INV 827
CONSORT-4795	Message displayed in Dedup Reports when an export method is not associated to any disease and the scheduler is set
CONSORT-4794	Outbreak Event Search
CONSORT-4793	When Result Code, Result Code System has -ANY- in lab entry, result should be displayed as blank.
CONSORT-4792	Add species (Fluvialis) to Organism Species list in Lab Reports
CONSORT-4791	MMG Hep v1 – NK1 segment for MTH157 and MTH159 Phin variables

Known Issues

There are no known issues in this release.

Fixed Bug Details

The following lists the detailed information about each of the bugs fixed in this version. To export the testing steps to Excel, see the [Export](#) section below.

Key	Summary	Affects Client	Description
CONSORT-4807	Validations needed on Physician Management page	All	<p>Added validations on Physician Management page.</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in as a System Admin/Super user. 2. Navigate to General Configuration > Physician Management. 3. Click Add. 4. On Add Physician window, Enter the details as below: <ul style="list-style-type: none"> o Last Name - Enter Last name with more than 48 characters. o First Name - Enter First Name with more than 48 characters. o Title - Enter with more than 48 characters. o Facility - Enter Facility name with more than 48 characters. 5. Click Submit. 6. Notice that error message are displayed as below: <ul style="list-style-type: none"> o Last Name: needs to be less than 48 characters o First Name: needs to be less than 48 characters o Title: needs to be less than 48 characters o Facility: needs to be less than 48 characters 7. Click on Cancel button. 8. Click Edit corresponding to an existing Physician. 9. Enter the details as below: <ul style="list-style-type: none"> o Enter some special characters except - and ' in all these fields: Last Name, First Name, Facility and Title. 10. Click on Submit button. 11. Notice that error message are displayed as below: <ul style="list-style-type: none"> o Last Name: Invalid format. Must contain only alphabetical characters, -, or ' o First Name: Invalid format. Must contain only alphabetical characters, -, or ' o Title: Invalid format. Must contain only alphabetical characters, ., -, or ' o Facility: Invalid format. Must contain only alphabetical characters, -, or '
CONSORT-4806	Probable and definite match range accepts negative	All	<p>Fixed issue where Probable and Definite match range fields accept negative numbers.</p> <p>Set Up:</p> <ul style="list-style-type: none"> • Have a system admin/super user with Disease

Key	Summary	Affects Client	Description
	numbers		<p>Management permissions</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as above user. 2. Navigate to General Configuration > Disease Management. 3. Click on 'New' button to add a new disease. 4. Enter Definite and Probable match range' fields with a negative number (Ex: -42) 5. Enter all the other required details. 6. Click on Create New Disease Code field. 7. Notice that error message is displayed as: <ul style="list-style-type: none"> o Disease definite match range must be a positive integer. o Disease probable match range must be a positive integer.
CONSORT-4805	Duplicate role names are allowed	All	<p>Fixed issue where more than one role can be added with the same name.</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Go to System Administration > Role Management. 3. Click New. 4. Enter the role Name of an existing role. 5. Enter the timeout and Select any permissions. 6. Click on Submit. 7. Notice that error message is displayed as: <i>Another role with the same name already exists. Please enter a different name.</i>
CONSORT-4804	Having double quotation marks in Other Laboratory Name field generates an exception	All	<p>Fixed issue where entering a lab name with double quotes in Other field of Lab Reports generates an exception.</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Click Edit corresponding to a case that is not Closed, Cancelled, Completed, Superseded. 3. Go to Lab Reports tab. 4. Click on Create New Lab Report. 5. Under the Lab Order Information accordion > Laboratory Section > Enter a Laboratory Name with double quotes in the 'Other' field. 6. Click 'Save & finish New Lab' button. 7. Click OK on the Lab Report save confirmation

Key	Summary	Affects Client	Description
			<p>window.</p> <p>8. Notice that exception is not generated and an error message is displayed as: Laboratory Name Other does not contain all alphabetic or numeric characters, -, / or .</p>
CONSORT-4803	Displaying an error message on Physician Card	MS, NH	<p>Made changes to display an error message when a value other than Not Done is selected from the Test Result field and Method of Diagnosis is Clinical.</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System admin/Super user with Physician Card Admin permissions. 2. Click on New button. 3. Select Physician Card from the New Investigation drop-down. 4. Enter all the required details. 5. Select 'Clinical' from the Method of Diagnosis drop-down. 6. Enter a Lab name and all the other required fields under Lab Test Result section. 7. Select a value other than 'Not Done' from the test result drop-down. 8. Click Validate and Save. 9. Notice that error message is displayed as: <i>Method of Diagnosis: You have entered Laboratory Information, please change the Method of Diagnosis to either Laboratory or Both Clinical and Laboratory</i> 10. Select the value 'Not Done' from the test result drop-down. 11. Click Validate and Save. 12. Notice that error message is not displayed and a new case is created.
CONSORT-4802	Sending invalid ethnicity in PID-22; captured as blank	All	<p>Fixed issue where ethnicity is captured as blank when a case is created with an invalid ethnicity value.</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Go to ELR-CDC Reporting > Manual ELR. 3. Submit an ELR with invalid Ethnicity. Ex: A 4. Search for the case created by ELR in the above step. 5. Open the case in Edit mode. 6. Go to the demographics tab. 7. Notice that Ethnicity field is captured as Unknown.

Key	Summary	Affects Client	Description
CONSORT-4801	Outbreak Events bulk export does not export all outbreak events	All	<p>Fixed issue where exporting the outbreak events using bulk export exported only the records on the first page.</p> <p>Set Up:</p> <ul style="list-style-type: none"> • Have an outbreak with more than 10 outbreak events • Have the Show Entries set to Show 10 entries on the Outbreak Events page <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Go to Outbreak Events tab. 3. Select the above mentioned Outbreak from the Current Search drop-down. 4. Check the Checkbox corresponding to column names to select all the Outbreak Events. 5. Click on Action button and select 'Select to Export'. 6. Click on Export button with or without selecting an Outbreak Event form on the 'Outbreak Event Export' window. 7. Open the downloaded CSV file. 8. Notice that all the Outbreak Events of the Outbreak from all the pages are exported.
CONSORT-4800	Sending ELR with invalid ICD-10 code in OBR-31 displays the Reason for Testing column as blank in Case Listing Export	All	<p>Fixed issue where sending an invalid ICD-10 code in OBR-31 displays the Reason for Testing field as blank.</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Go to ELR-CDC Reporting >Manual ELR. 3. Submit an ELR with having OBR-31 with at least one Invalid Code: S01.422D~invalid value~G60.1 4. Resolve the assign condition if a PWQ entry is made corresponding to above ELR. 5. Click Home. 6. Search for the above case and Click Export. 7. Open the downloaded Case Listing Export CSV file. 8. Notice that the second column (i.e. the reason for testing column with invalid code) is not blank and is displayed with next valid ICD-10 value.
CONSORT-4799	Cannot backtrack Lyme disease	All	Fixed issue where user cannot enter a past date in Second Letter Sent field.

Key	Summary	Affects Client	Description
	second letter		<p>Set Up:</p> <ul style="list-style-type: none"> • Have a case of Lyme disease • Have the Communication Letter Path set for the Lyme disease under Disease Management <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel. 2. Click Edit corresponding to a Lyme disease case. 3. Go to Referrer tab. 4. Select 'Yes' from the First Letter Sent and Second Letter sent drop-down fields. 5. Change the First Letter Date Sent and Second Letter Date Sent to a past date. 6. Click Submit Changes. 7. Notice that both the fields are saved with the past date entered in Step 5.
CONSORT-4798	Pregnant and Jaundiced are sent to CDC as Unknown instead of blank	AK	<p>Fixed issue where some of the core data questions that are not answered are captured as Unknown instead of blank.</p> <p>Set Up:</p> <ul style="list-style-type: none"> • Have a form with the core data questions: Pregnant During Illness or Jaundiced • Have the above form associated to a disease • Have a case with the above disease but do not have any values selected for the above fields. <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Click Edit corresponding to the above mentioned case. 3. Go to the Suppl forms tab. 4. Select the above form. 5. Notice that Pregnant During Illness and Jaundiced fields are displayed as blank.
CONSORT-4797	Hepatitis CDC Form: Race of Mother	All	<p>Fixed issue where the value Unknown can be selected along with other race values for the Race of Mother field.</p> <p>Set Up:</p> <ul style="list-style-type: none"> • Have the Viral Hepatitis Case Report (2017) CDC form associated to the Hepatitis disease. • Have the export method set to Hepatitis v1 under CDC Export Mapping Management. <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Click Edit corresponding to a case of above mentioned Hepatitis condition.

Key	Summary	Affects Client	Description
			<ol style="list-style-type: none"> 3. Go to the Hepatitis CDC Form tab. 4. Enter/Select all the fields as required. 5. Select 'Perinatal HBV infection' from Diagnosis drop-down. 6. Under 'Perinatal Hepatitis B Virus Infection' accordion: 7. Click on Race of Mother field. 8. Notice that Unknown is displayed as an option to select. 9. Select the value 'American Indian or Alaska Native' from the Mother's race field. 10. Notice that the Unknown value is no longer displayed in the multi-select field.
CONSORT-4796	Hepatitis MMG: INV 825 and INV 827	All	<p>The maximum number of characters for the fields ALT [SGPT] Result, AST [SGOT] Result, and Upper limit normal fields corresponding to those fields is increased to 5.</p> <p>Set Up:</p> <ul style="list-style-type: none"> • Have a Hepatitis form associated to Hepatitis disease. <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Click Edit corresponding to the above mentioned Hepatitis case. 3. Go to the CDC Form tab. 4. Under the Liver Enzyme Levels at Time of Diagnosis (in U/L) section: 5. Notice that five characters can be entered in ALT [SGPT] Result and AST [SGOT] fields. 6. Notice that five characters can be entered in Upper limit normal fields corresponding to ALT [SGPT] Result and AST [SGOT] Result.
CONSORT-4795	Message displayed in Dedup Reports when an export method is not associated to any disease and the scheduler is set	All	<p>Made changes to display the message as <i>Skipping CDC export</i> when the scheduler is set for an export method for which no conditions are associated in CDC Export Mapping Management.</p> <p>Set Up:</p> <ul style="list-style-type: none"> • Have an export method that is not associated to any disease under CDC Export Mapping Management • Go to ELR-CDC Reporting > HL7 CDC Export > Scheduler and set a time for the above export method <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user after the above scheduled time.

Key	Summary	Affects Client	Description
			<ol style="list-style-type: none"> 2. Go to ELR-CDC Reporting > Dedup Reports. 3. Enter the For, To date and Click View HTML Report. 4. Notice that an entry is made for the above export method at the scheduled time and the message is displayed as: <i>Skipping CDC export, no condition are associated with <Export Method> in CDC export mapping</i>
CONSORT-4794	Outbreak Event Search	All	<p>Fixed issue where Outbreak Event ID field is read-only on Outbreak Event Search form and an error is displayed when an Outbreak Event search is performed.</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel. 2. Click on Outbreak Events tab. 3. Click on Search button. 4. Select 'Basic Outbreak Event' from Outbreak Event Search drop-down. 5. Notice that a value can be entered in Outbreak Event ID field. 6. Enter the Outbreak Event ID of an existing Outbreak Event. 7. Click on Outbreak Event Search button. 8. Notice that the case with the Outbreak Event ID is returned in Search results.
CONSORT-4793	When Result Code, Result Code System has -ANY- in lab entry, result should be displayed as blank.	All	<p>Fixed issue where Result field is displayed as -ANY- when Result Code, Result Code System has -ANY- in Lab Entry.</p> <p>Set Up:</p> <ul style="list-style-type: none"> • Have a Lab Observation Mapping as below: <ul style="list-style-type: none"> ○ Result Code: -ANY- ○ Result Code System: -ANY- ○ Result Description: Blank • Have an ELR with OBX-3 values matching the Test Code, Test Code System and Test Description values of the above Lab mapping entry <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Go to ELR-CDC Reporting > Manual ELR. 3. Send an ELR with the setup as mentioned above. 4. Navigate to Sentinel. 5. Click Edit corresponding to the case created using ELR in above step. 6. Go to Lab Reports tab.

Key	Summary	Affects Client	Description
			7. Notice that Result is displayed as Blank under Observations Section.
CONSORT-4792	Add species (Fluvialis) to Organism Species list in Lab Reports	All	<p>Added Fluvialis to Organism Species drop-down list.</p> <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel. 2. Click Edit corresponding to a case. 3. Go to Lab Reports tab. 4. Click on 'Create New Lab Report' button. 5. Under Organism Information section, Click on Organism Species drop-down. 6. Notice that the drop-down has the value 'Fluvialis'.
CONSORT-4791	MMG Hep v1 – NK1 segment for MTH157 and MTH159 Phin variables	All	<p>Implemented changes to capture NK1-28 with ethnicity details and NK1-35 with race details (up to five).</p> <p>Set Up:</p> <ul style="list-style-type: none"> • Have Hepatitis CDC form associated to Hepatitis disease under Disease Management • Have the Export mode set as Hepatitis v1 for Hepatitis disease under CDC Export Mapping Management <p>Steps to Test:</p> <ol style="list-style-type: none"> 1. Log in to Sentinel as a System Admin/Super user. 2. Click Edit corresponding to a Hepatitis case. 3. Go to Hepatitis CDC Form tab. 4. Enter/Select any fields as required. 5. Select 'Perinatal HBV infection' from Diagnosis drop-down. 6. Under 'Perinatal Hepatitis B Virus Infection' accordion, Select the below: <ul style="list-style-type: none"> o Race of Mother - Select any Race value o Ethnicity of Mother - Select any value 7. Click Submit Changes. 8. Click on the Action menu next to Page configuration menu. 9. Select Debug HL7 CDC Export. 10. Click on View HL7 button. 11. Notice that NK1 segment captured MTH157 and MTH159 details. 12. Notice that Ethnicity details are captured in NK1-28 and Race details are captured in NK1-35.

Export to Excel

Follow these steps to export the testing steps to an Excel spreadsheet:

1. Click this link and log in to Jira if required:
<https://stchome.atlassian.net/issues/?filter=52565>
2. Click the Change View icon and select List View.
3. Click the Export icon (it looks like a download icon) and export as needed.

Product Documentation

Product documentation is located on the STC Documentation Portal:
<https://documentation.stchome.com/>.

The following documents are available for this version of Sentinel:

- Sentinel 5.18.8 User Guide