

## Top Piece (This screen will be available in Update and View modes)

### I. Screen prototype: View Mode

When the user first navigates to any of the Condition pages, the top part of the screen will be in view mode. The **Update** and **Cancel** buttons are visible for users with QA or Admin roles.

default - Windows Internet Explorer provided by DHSS/ITSD  
http://devosvcs/mohsis/default.aspx?tc=Person  
State of Missouri  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
Username: mohsis03 Sign Out  
Agency: DOH-CENTRAL OFFICE  
Home Person QA Organization Case Summary --HELP--

Search

BUSCHJOST, MARY A  
Demographics  
Locators  
Addresses  
Telephone  
Email  
Conditions  
Add Condition  
VIBRIOSIS  
ANIMAL BITES  
GIARDIASIS  
AEROMONAS SPECIES  
Notes  
Occupation  
Vaccination  
Contacts  
History  
Risk Factors  
Provider Roles

\* Denotes required field.

### Update Disease Case Report: Condition

Modified Date: 10/23/2007 By: MOHSIS03 Condition ID: 380618545  
QA Complete:\* NO  
Month Year Counted:\* 10 2007  
Counted Jurisdiction:\* COLE  
Counted Jurisdiction Type:\* CASE  
Manage Jurisdiction:\* COLE  
Manage Jurisdiction Type:\* CASE  
Condition Status:\* CONFIRMED [CDC Case Definitions](#) Update Cancel

Condition | [Reporter/Provider](#)  
Condition Address: [List Person Addresses](#) 8120 DEER HAVEN CT  
[Organization Search](#) JEFFERSON CITY, MO 65101-8443  
[Remove](#) COLE  
USA

Condition Name:\* ANIMAL BITES  
Date Received by LPHA:\* 09152007 (mmdyyyy) Date of Birth: 2/17/1962  
Date of Initial Interview: (mmdyyyy) Age at Diagnosis: 45 YEARS  
Date of Diagnosis: (mmdyyyy) Diagnosis Notification: YES  
Hospitalized of this Illness: NO Pregnant at Diagnosis: NO  
Died of this Illness: NO Date of Death: 10012007 (mmdyyyy)  
Other Associated Cases: NO Outbreak Associated: NO  
State Outbreak ID: Type of Outbreak:  
Outbreak Comments:

### II. Screen prototype: Update Mode

When click **Update** button in this section, the top part of the screen will display as shown below:

\* Denotes required field.

### Update Disease Case Report: Condition

Modified Date: 10/23/2007 By: MOHSIS03 Condition ID: 380618545  
QA Complete:\* NO  
Month Year Counted:\* 10 2007  
Counted Jurisdiction:\* COLE  
Counted Jurisdiction Type:\* CASE  
Manage Jurisdiction:\* COLE  
Manage Jurisdiction Type:\* CASE  
Condition Status:\* CONFIRMED [CDC Case Definitions](#) Save Cancel

### III. Validate the following:

- The page displays as per web standards
- This page displays at the top of the screen below the screen title and above the following Condition/Disease pages in Update and View modes - but not in Add mode on the Disease Case Report:
  - Disease Case Report
  - Condition

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- Reporter/Provider
  - Condition History
  - Symptoms
  - Test Reason
  - Tests
  - Background Information
  - HIV Status
  - Treatment
  - Drug Susceptibility
  - Condition Contacts
  - Vaccination Status
  - Resolution
  - Enteric Supplemental
    - Animal Exposure
    - Food Exposure
    - Water and Sewage Exposure
    - Source of Infection
  - Confirmation
  - Encounter
  - List Condition Notes
- c. Drop down lists are loaded correctly:
- **QA Complete** (SURVWEB\_LOOKUP\_NAME table LIST\_NAME: QA COMPLETE)
  - **Condition Status** (SURVWEB\_LOOKUP\_NAME table LIST\_NAME: CONDITION STATUS)
  - **Counted Jurisdiction** (LOOKUP.LU\_LOOKUPS table TYPE = 5705)
  - **Manage Jurisdiction** (load the same as the Counted Jurisdiction)
- d. When the user scrolls, save the position. When the screen reloads, use the latest scroll position to redisplay the screen in the same position as it was before the reload.
- e. All fields display the correct information.
- f. The following error messages display in the order of the fields on the screen if applicable when the user clicks the **Save** button on this top piece or on the Condition/Disease pages:
- Condition Status is required
  - Counted Jurisdiction is required
  - Manage Jurisdiction is required
  - Counted Jurisdiction Type is required.
  - Manage Jurisdiction Type is required.
  - Month Year Counted is required.
  - Information has been entered, click Save or Undo the information
- g. On Save, display a warning popup when the Condition Status for a TB DISEASE condition is being changed to NO CASE. It will say: "Warning: Condition Status will be set to NO CASE. If this is a MOTT, update the Condition Name on the Condition Screen and reset the condition status. Are you sure you want to save?" If the user clicks OK, continue with the Save. If the user clicks Cancel, then return the user to the screen without saving.

## IV. Other Validations

- a. Prefix the "Last Modified" label with the Screen name. So if on the Background Information screen, the label will be "Background Information Last Modified". If on the Contacts screen, the label will be "Contacts Last Modified", and so on...
- b. The RVCT Number only displays when the condition is TB DISEASE. So when the condition is any other, the RVCT Number will be hidden.
- c. NETSS Number will be assigned and displayed on CDs.
- d. In View mode show the Update button in this top section if either the user has an Admin, QA role for the condition. Otherwise, hide the Update button.
- e. If QA Complete is YES, REVIEWED or HISTORICAL when the screen initially displays in View mode and the user does not have either the QA or ADMIN role for the condition, then disable all entry fields on this top piece and disable all Update, Add and Delete buttons on whichever screen displays below this top piece. In other words, no changes can be made to any of the condition/disease information after QA Complete has been set to YES, REVIEWED or HISTORICAL unless the user has QA or ADMIN security for the condition. **The only exception is that tests and notes can be added.**

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- f. The Month Year Counted textboxes display enabled only in Add/Update mode when the user has either QA or Admin for the condition. If the user does not or it is in some other mode, these will be disabled.
- g. The Counted Jurisdiction drop down list displays enabled only in Add/Update mode when the user has either QA or Admin for the condition. If the user does not or it is in some other mode, it will be disabled.
- h. When the screen initially displays, ensure it selects the Latest Jurisdiction Type and Counted Jurisdiction when there is just one and when there are multiple Counted Jurisdictions.
- i. When the screen initially displays, ensure it selects the Latest Manage Jurisdiction when there is just one and when there are multiple Manage Jurisdictions.

**V. Buttons & Links**

- a. **Update** Button displays for QA and Admin Users.
- b. Validation to display messages to the user will not be performed on **Clear**, **Cancel** or **Undo**
- c. The **CDC Case Definitions** link is always enabled. When click it, display the [http://www.cdc.gov/epo/dphsi/casedef/case\\_definitions.htm](http://www.cdc.gov/epo/dphsi/casedef/case_definitions.htm) web page (this screen should appear in a popup Internet Explorer window wide and tall enough that all its fields are visible without horizontal scrolling). Closing the popup should keep the cursor on the **CDC Case Definitions** link without changing anything on this screen.
- d. When click the **Update** button on this top piece, change this top piece to Update mode so that the user can make changes. Start the cursor on the first entry field on this top piece.
- e. When click the **Save** button on this top piece, validate the entry fields on this top piece and their combinations. If fails validation, display the error messages above the entry fields in the applicable section. If passes validation, then save the changes to the top piece to the database and change this top piece to View mode.

**Notes:**

- 1. In Update mode if the Counted Jurisdiction or Manage Jurisdiction is changed, then also save a note of COUNTED/MANAGE Jurisdiction has been changed by USERID from ABC to XYZ on DATE". This note should have a note type of "CASE REPORT". Replace COUNTED/MANAGE with either "Counted" or "Manage and replace USERID, ABC, XYZ and DATE with appropriate values. These notes should always display in the Notes list on the Condition screen and the user should not be able to remove them.
- 2. When the Counted Jurisdiction is added or updated, insert a new SURVWEB\_COND\_JURISDICTION record for the person condition as follows: CONDITION\_ID = the new ID, COUNTED\_OR\_MANAGE\_IND = 'C', JURISDICTION = Counted Jurisdiction, JURISDICTION\_TYPE = 'UNKNOWN'
- 3. When the Manage Jurisdiction is added or updated, insert a new SURVWEB\_COND\_JURISDICTION record for the person condition as follows: CONDITION\_ID = the new ID, COUNTED\_OR\_MANAGE\_IND = 'M', JURISDICTION = Manage Jurisdiction, JURISDICTION\_TYPE = null
- 4. When click the **Undo** button on this top piece, change this top piece to View mode so that the user cannot make changes and reset the entry fields back to the values in the database.
- f. When click the **Update** button on one of the Condition/Disease pages, nothing should happen in this section.
- g. When click the **Save** button on one of the Condition/Disease pages, first check to see if this top piece is in Update mode. If so, then display "Information has been entered, click Save or Undo the information" in this section and do not save. If not, then continue with the save routine for the other page.
- h. When click **Cancel** button on one of the Condition/Disease pages, nothing should happen in this section.
- i. The tab order should default as top to bottom left to right unless otherwise stated.

**VI. Database routines**

- a. Retrieval of the user's security to display the QA Complete drop down, Month Year Counted textboxes and Counted Jurisdiction drop down appropriately
- b. Retrieval of the user's security to display the Update button appropriately
- c. Information will be stored in tables as shown below:

Table:		Field on Screen	Database column	
SURVWEB.SURVWEB_COND_STATUS		NA	SURVWEB_COND_STATUS_ID	Generate the SURVWEB_COND_STATUS_ID
PK	SURVWEB_COND_STATUS_ID			
FK1	SURVWEB_CONDITION_ID	NA	SURVWEB_PARTY_ID	Set SURVWEB_PARTY_ID to SURVWEB_PARTY_ID
	CONDITION_STATUS	Condition Status	CONDITION_STATUS	Set CONDITION_STATUS to CONDITION_STATUS
	CASE_TYPE	Case Type	CASE_TYPE	Set CASE_TYPE to CASE_TYPE
	CONDITION_STATUS			
	CASE_TYPE			
	MONTH_COUNTED			
	YEAR_COUNTED			
	RECORD_STATUS			
	SENT_TO_CDC_DATE			
	ENTRY_USERID			
	ENTRY_DATETIME			
	LAST_CHANGED_USERID			
	LAST_CHANGED_DATETIME			

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	LTBI Status	LTBI_STATUS	Set LTBI_STATUS to LTBI_STATUS
	Month Counted	MONTH_COUNTED	Set MONTH_COUNTED to MONTH_COUNTED
	Year Counted	YEAR_COUNTED	Set YEAR_COUNTED to YEAR_COUNTED
	Record Status	RECORD_STATUS	If new record, set to N, if information going to CDC is updated, set to U, if information changed so that the condition needs to be removed from CDC file, set to D.
	Sent to CDC Date	SENT_TO_CDC_DATE	Null at entry; Will be populated by the DW job that generates the CDC file.
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = SYSDATE
	NA	ENTRY_USERID	Set ENTRY_USERID = userid
	NA	LAST_CHANGED_DATETIME	NULL
	NA	LAST_CHANGED_USERID	NULL

Table:		Field on Screen	Database column	
SURVWEB.SURVWEB_COND_QA		NA	SURVWEB_COND_QA_ID	Generate the SURVWEB_COND_QA_ID
PK	SURVWEB_COND_QA_ID			
FK1	SURVWEB_CONDITION_ID QA_COMPLETE ENTRY_USERID ENTRY_DATETIME LAST_CHANGED_USERID LAST_CHANGED_DATETIME	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID to SURVWEB_CONDITION_ID
		QA Complete	QA_COMPLETE	Set QA_COMPLETE to QA_COMPLETE (At initial entry, set to NO)
		NA	ENTRY_DATETIME	Set ENTRY_DATETIME = SYSDATE
		NA	ENTRY_USERID	Set ENTRY_USERID = userid
		NA	LAST_CHANGED_DATETIME	NULL
		NA	LAST_CHANGED_USERID	NULL

Table:		Field on Screen	Database column	
SURVWEB.SURVWEB_COND_JURISDICTION		NA	SURVWEB_COND_JURISDICTION_ID	Generate the SURVWEB_COND_JURISDICTION_ID
PK	SURVWEB_COND_JURISDICTION_ID			
FK1	SURVWEB_CONDITION_ID COUNTED_OR_MANAGE_IND JURISDICTION JURISDICTION_TYPE SURVWEB_REF_JURISDICTION_ID ENTRY_USERID ENTRY_DATETIME LAST_CHANGED_USERID LAST_CHANGED_DATETIME	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID to SURVWEB_CONDITION_ID
		Counted or Manage	COUNTED_OR_MANAGE_IND	
		Jurisdiction	JURISDICTION	
		Jurisdiction Type	JURISDICTION_TYPE	
		NA	SURVWEB_REF_JURISDICTION_ID	
		NA	ENTRY_DATETIME	Set ENTRY_DATETIME = SYSDATE
		NA	ENTRY_USERID	Set ENTRY_USERID = userid
		NA	LAST_CHANGED_DATETIME	NULL

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	NA	LAST_CHANGED_USERID	NULL
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Table:		Field on Screen	Database column	
SURVWEB.SURVWEB_COND_IDENTIFIER		NA	SURVWEB_COND_IDENTIFIER_ID	Generate the SURVWEB_COND_IDENTIFIER_ID
PK	SURVWEB_COND_IDENTIFIER_ID			
FK1	SURVWEB_CONDITION_ID COND_IDENTIFIER_TYPE COND_IDENTIFIER ENTRY_DATETIME ENTRY_USERID LAST_CHANGED_DATETIME LAST_CHANGED_USERID	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID to SURVWEB_CONDITION_ID
		NA	COND_IDENTIFIER_TYPE	Set COND_IDENTIFIER_TYPE to RVCT_NUMBER for TB Disease; Set COND_IDENTIFIER_TYPE to NETSS for CDs
		NA	COND_IDENTIFIER	*Generate the COND_IDENTIFIER
		NA	ENTRY_DATETIME	Set ENTRY_DATETIME = SYSDATE
		NA	ENTRY_USERID	Set ENTRY_USERID = userid
		NA	LAST_CHANGED_DATETIME	NULL
		NA	LAST_CHANGED_USERID	NULL

Table:		Field on Screen	Database column	
SURVWEB.SURVWEB_COND_NOTE		NA	SURVWEB_COND_NOTE_ID	Generate a SURVWEB_COND_NOTE_ID
PK	SURVWEB_COND_NOTE_ID			
FK1	SURVWEB_CONDITION_ID ENCOUNTER_ID CONTACT_ID NOTE_TYPE NOTE_TEXT ENTRY_DATETIME ENTRY_USERID	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID = the CONDITION_ID
		Encounter Screen – ENCOUNTER_ID generated at SAVE	ENCOUNTER_ID	Null
		Condition Contact Screen – CONTACT_ID generated at SAVE	CONTACT_ID	Null
		NA	NOTE_TYPE	Set NOTE_TYPE = JURISDICTION
		Narrative	NOTE_TEXT	Set NOTE_TEXT to NOTE_TEXT
		NA	ENTRY_DATETIME	Set ENTRY_DATE TIME = current date time
		NA	ENTRY_USERID	Set ENTRY_USERID = userid

\*Generate COND\_IDENTIFIER

RVCT NUMBER - the next unused 9-digit number starting with the 4-digit year in Date of Report

- For example, if the maximum RVCT\_NUMBER of all the DISEASE records starting with 2006 is 200600100 and if the maximum RVCT\_NUMBER of all the DISEASE records starting with 2007 does not exist yet:
- For those with Date of Report Year is 2006, then the next RVCT\_NUMBER will be 200600101, the next would be 200600102 and so on
- For those with the Date of Report Year is 2007, then the next RVCT\_NUMBER will be 200700001, the next would be 200700002 and so on"

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NETSS ID – Six digits unique case identifier assigned by MOHSIS