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LADSS OVERVIEW

The Louisiana Animal Disease Surveillance System is a system built by the Louisiana Office of Public Health (OPH) to provide early detection and tracking of animal diseases and outbreaks. This system will provide real time data to the State Veterinarian and OPH-IDES, as well as other agencies around the state.

TYPES OF USER ACCESS

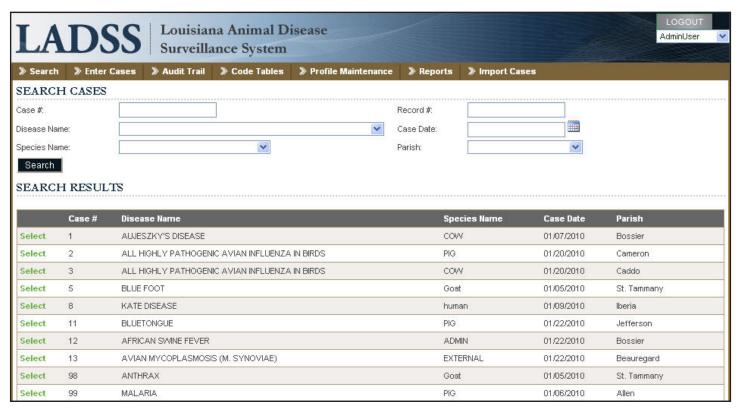
The LADSS System has the following types of user access: Administrative, External, and Read-Only. The functions available to each user group is controlled by the User Control Code Table.

LADSS FUNCTIONS

SEARCH

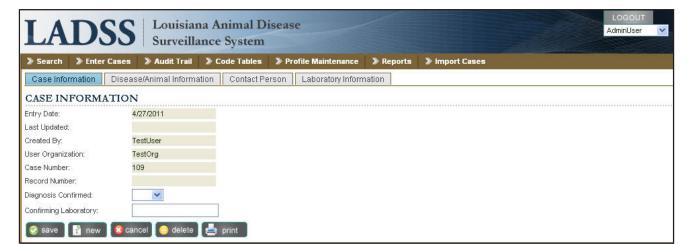
Users will automatically be directed to the Search page upon logging into the LADSS system. The page allows users to search all cases in the LADSS system, or filter the results by 6 different data elements. Depending on the user access given to a group, some users will only be able to search for cases they have entered into the system.

To search all cases in the system, simply click the 'Search' button without filling in any of the filters. To search with one or more filters, fill in the appropriate field or fields and click 'Search.' The results will return in a grid format. Click on the Select link to open an existing case.



Case Information Tab

The Case Information tab is where automatically generated information is displayed and where users can mark a case as confirmed. Users should fill out all information and click 'Save.'



ENTER CASES

To add a new case to the system, click on the 'Enter Cases' tab. The system will default to the Disease/Animal Information tab. NOTE: Not all users will necessarily have access to all tabs.

Explanation of Buttons

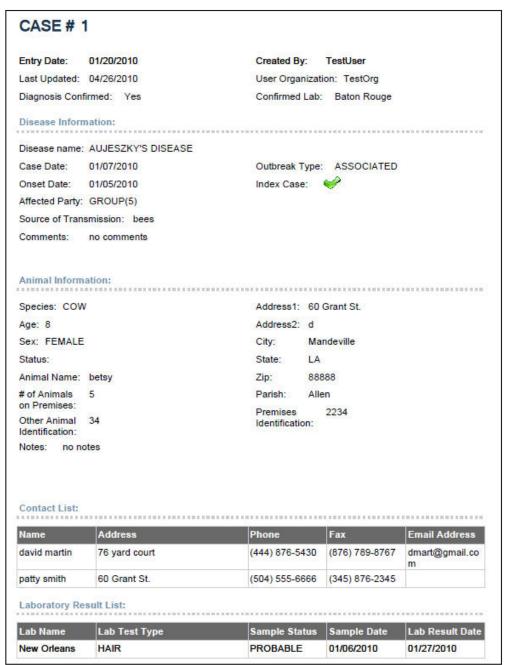
Save - The Save button saves any information added to or edited in the case. When a user moves between tabs within the Enter Cases function, the case is saved automatically as well.

New - The New button will open a blank case.

Cancel - The Cancel button is to exit out of a case without saving it. This is important to use especially when moving between tabs as the system will automatically save any changes unless the Cancel button is clicked.

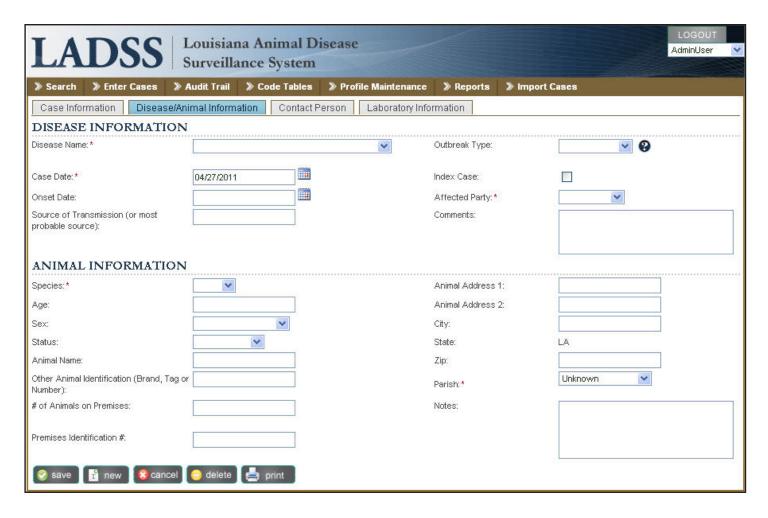
Delete - The Delete button removes the case from the system.

Print - The Print button generates a PDF of the case. Below is an example of the printed case.



Disease/Animal Information Tab

The Disease and Animal Information tab is the tab where information about the disease case is entered. When a case is entered into the system, there are five required fields that must be populated before the user can move to another tab. Users should fill in Disease Name, Case Date, Affected Party, Species and Parish. If these fields are left blank, the system will display error "This is a Required Field." Users should fill out all fields and click 'Save.' The Delete button removes the case from the system.

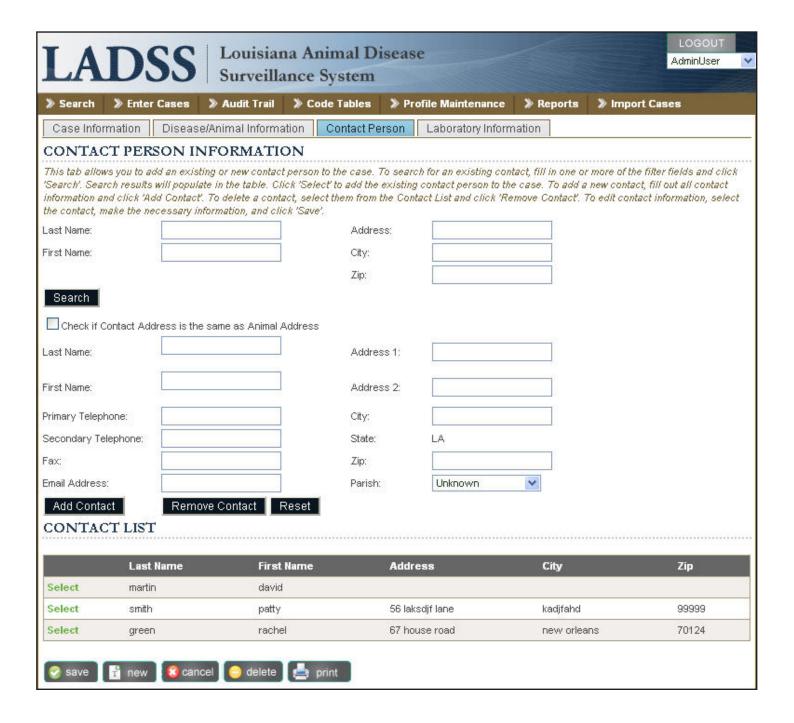


Contact Person Tab

The Contact Person tab allows users to enter any contact people related to the case. Users can search for existing contacts to add to the case (contacts which have been added to other cases in the system) or add a brand new contact to the case. To search for an existing contact, fill in one or more of the filter fields and click 'Search.' Search results will populate in the table. Click 'Select' to add the existing contact person to the case.

To add a new contact, fill out all contact information and click 'Add Contact.' To remove a contact from the case, select the contact from the Contact List and click 'Remove Contact.' The "Reset" button is used to reset all the controls so that the user can enter a new entry.

To edit contact information, select the contact, make the necessary information, and click 'Save.' The Delete button removes the case from the system.

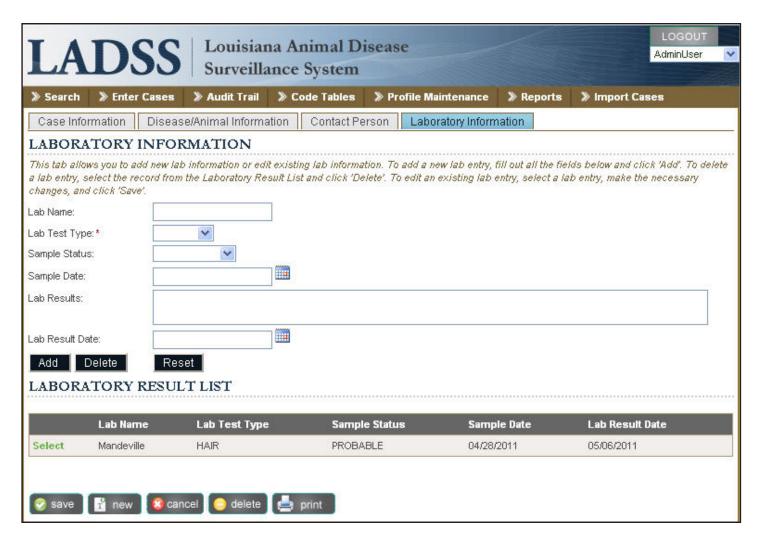


Laboratory Information Tab

The Laboratory Information tab collects date and result information regarding lab tests. To add a new lab entry, fill out all the applicable fields and click 'Add.' To delete a lab entry, select the record from the Laboratory Result List and click 'Delete.' The "Reset" button is used to reset all the controls so that the user can enter a new entry.

To edit an existing lab entry, select a lab entry, make the necessary changes and click 'Save.' The Delete button removes the case from the system.

To delete a selected lab entry, use the blue "Delete" button. To delete a whole case, use the "Delete" button with the yellow "x."



AUDIT TRAIL

The Audit Trail page captures information about changes made to cases in the LADSS system. Each time a case is altered, a entry is logged in the audit trail page showing what user made the change and the date of the change. The most recent changes will always be listed at the top of the table. To filter by a specific case, enter a case number in the 'Filter by Case #' field and click 'Search.' Users can open the case directly from the Audit Trail page by clicking the Select link.



CODE TABLES

The Code Table page is where LADSS administration can manage system functions such as drop down menus or user group access. Upon clicking the Code Table menu item, users will have the ability to select a specific code table from the drop down menu.

Disease Name Code Table

The Disease Name code table is to add a new disease to or edit an existing disease in the LADSS system. To add a new item, simply type the name in the Disease Name field and click 'Save.' To edit an existing item, click the Disease ID link within the table, edit the text, and click 'Save.' If an item has been selected and you wish to clear it from the Disease Name field, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'



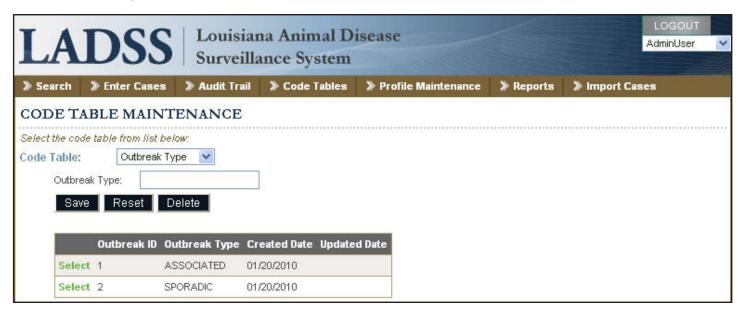
Species Name Code Table

The Species Name code table is to add a new species name to or edit an existing species name in the LADSS system. To add a new item, simply type the name in the Species Name field and click 'Save.' To edit an existing item, click the Species ID link within the table, edit the text, and click 'Save.' If an item has been selected and you wish to clear it from the Species Name field, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'



Outbreak Type Code Table

The Outbreak Type code table is to add a new type of outbreak to or edit an existing type of outbreak in the LADSS system. To add a new item, simply type the name in the Outbreak Type field and click 'Save.' To edit an existing item, click the Outbreak ID link within the table, edit the text, and click 'Save.' If an item has been selected and you wish to clear it from the Outbreak Type field, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'



Animal Status Code Table

The Animal Status code table is to add a new animal status to or edit an existing animal status in the LADSS system. To add a new item, simply type the name in the Animal Status Name field and click 'Save.' To edit an existing item, click the Animal Status ID link within the table, edit the text, and click 'Save.' If an item has been selected and you wish to clear it from the Animal Status Name field, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'



Sample Status Code Table

The Sample Status code table is to add a new sample status to or edit an existing sample status in the LADSS system. To add a new item, simply type the name in the Sample Status Name field and click 'Save.' To edit an existing item, click the Sample Status ID link within the table, edit the text, and click 'Save.' If an item has been selected and you wish to clear it from the Sample Status Name field, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'



Lab Test Type Code Table

The Lab Test Type code table is to add a new lab test to or edit an existing lab test in the LADSS system. To add a new item, simply type the name in the Lab Test Name field and click 'Save.' To edit an existing item, click the Lab Test ID link within the table, edit the text, and click 'Save.' If an item has been selected and you wish to clear it from the Lab Test Name field, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'



Add User Group Code Table

The Add User Group code table is to add a brand new group into the LADSS system. If a user group is added to the system, LADSS administrators must inform DHH IT of the update so that the new group can be added to Single Sign On. Without being added to Single Sign On, the new group will not function properly. To add a new item, simply type the name in the User Group Name field and click 'Save.' To edit an existing item, click the User Group ID link within the table, edit the text, and click 'Save.' If an item has been selected and you wish to clear it from the User Group Name field, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'



User Control Code Table

The User Access Control code table is to enable and disable LADSS functions by user group. Pick the user group from the 'User Type' drop down for which you want to change access. Check the enable and disable buttons on the different functions and click 'Save' to update the user access.

| ch » Enter Cases » Audit | Trail >> | Code Tables | >> Profile Maintenance | >> Reports | > Import Cases |
|--------------------------------------|----------|-------------|------------------------|------------|--|
| E TABLE MAINTENANO | Œ | | | | \$ 0.000 MANAGE OF THE PARTY OF |
| e code table from list below: | | | | | |
| ble: User Control | | | | | |
| ser Type: EXTERNAL USER 💌 | | | | | |
| Access Name | | d Disabled | | | |
| Ability to add new cases | ✓ | | | | |
| Ability to delete cases | | | | | |
| Ability to edit all existing cases | | | | | |
| Ability to edit own cases | ~ | | | | |
| Ability to print cases | ✓ | | | | |
| Access to Audit Trail Pages | | ~ | | | |
| Access to Code Table Pages | | ~ | | | |
| Access to Import Cases Page | V | | | | |
| Access to Profile Maintenance | ✓ | | | | |
| Access to Report Page | ~ | | | | |
| Access to the Case info tab | <u>~</u> | | | | |
| Access to the Contact Person tab | ~ | | | | |
| Access to the Disease/Animal info ta | b 🔽 | | | | |
| Access to the Laboratory Info tab | | | | | |
| Will receive automatic Emails | <u>~</u> | | | | |

Ability to Add New Cases - This allows the user to open new cases in the LADSS system.

Ability to Delete Cases - This allows users to delete existing cases from the system. **Ability to Edit All Existing Cases** - This allows the user to edit all cases whether they opened the case or someone else opened the case.

Ability to Edit Own Cases - This allows the user to edit only cases which they opened. **Ability to Print Cases** - This allows users to print cases.

Access to Audit Trail Page - This allows users access to the Audit Trail page. If access is disabled, the menu item and entire page will be hidden from the user group.

Access to Code Table Pages - This allows users access to the Code Table features. If access is disabled, the menu item and page will be hidden from the user group.

Access to Import Cases Page - This allows users access to the Import Cases page.

If access is disabled, the menu item and page will be hidden from the user group.

Access to Profile Maintenance - This allows users access to the Profile Maintenance page. If access is disabled, the menu item and page will be hidden from the user group.

Access to Report Page - This allows users access to the Reports page. If access is disabled, the menu item and page will be hidden from the user group.

Access to Case Info Tab - This allows users access to the Case Info tab. If access is

disabled, the entire tab will be hidden from the user group.

Access to the Contact Person Tab - This allows users access to the Contact Person tab. If access is disabled, the entire tab will be hidden from the user group.

Access to Disease/Animal Info Tab - This allows users access to the Disease/Animal Info Tab. If access is disabled, the entire tab will be hidden from the user group.

Access to Laboratory Info Tab - This allows users access to the Laboratory Info tab. If access is disabled, the entire tab will be hidden from the user group.

Will Recieve Automatic E-mails - Automatic e-mail will go out to the user group when a case is opened with a specific disease.

Email Control Code Table

The E-mail Control code table is to determine which diseases will have an automatic email notication. LADSS administrators can add diseases to this list and when a case is opened with the specific disease an e-mail will be sent to users who have e-mail permissions. To add a new item, simply select a disease from the Disease Name drop down and click 'Save.' If an item has been selected and you wish to clear it from the Disease Name drop down, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'

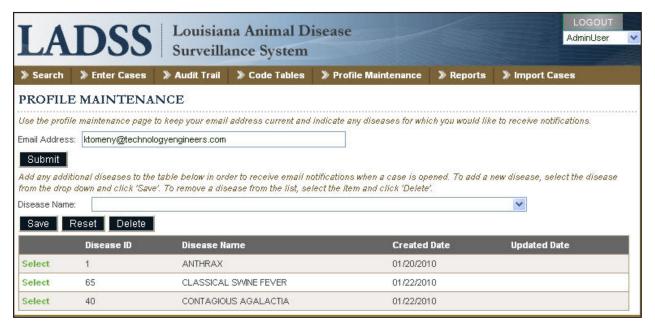


PROFILE MAINTENANCE

The Profile Maintenance allows LADSS users to maintain their e-mail address and the list of diseases for which they would like to get email notifications. All users' e-mail addresses will initially be brought into the LADSS system from Single Sign On. Users can then maintain their e-mail addresses within the system by updating the e-mail address and clicking 'Submit.'

In addition to the e-mail notification list that the LADSS administrators setup, LADSS

users can add diseases to their personal e-mail notification list and when a case is opened with the specific disease an e-mail will be sent to users who have e-mail permissions. To add a new item, simply select a disease from the Disease Name drop down and click 'Save.' If an item has been selected and you wish to clear it from the Disease Name drop down, click 'Reset.' To delete an existing item, select the entry and click 'Delete.'



REPORTS

The Reports page is where users can use a number of filters to query specific information out of the LADSS database. To run a report, select the appropriate filters and click 'Run Report'. If the 'Include Animal Information in Output' checkbox is marked, the output will include address information which can be used for GIS purposes. Use the Report Viewer tool to click through the pages or export the report into an Excel or PDF file.

Louisiana Animal Disease AdminUser Surveillance System ≫ Search → Enter Cases → Audit Trail → Code Tables → Profile Maintenance → Reports → Import Cases REPORTS Select the appropriate filters and click 'Run Report'. If the 'Include Animal Information in Output' checkbox is marked, the output will include address information. Use the Report Viewer tool to click through the pages or export the report into an Excel or PDF file Filter By: Date Range Ascension Species: Disease: Diagnosis Confirmed: Include Animal Information in the Report Output Run Report 1 of 1 ▶ Select a format Export Created By Case Date Onset Date Disease Diagnosis # of Animals Case # Species Confirmed Affected 100 TestUser 06/28/2010 06/08/2010 COW AUJESZKY'S 1 DISEASE AVIAN 34 104 TestUser 06/28/2010 06/18/2010 COW MYCOPLASMOSIS (M. SYNOVIAE) 02/24/2010 CAT RABIES (ANIMAL TestUser AND HUMAN)

IMPORT CASES

Built into the Louisiana Animal Disease Surveillance System is the ability to keep track of cases in a .CSV document and upload the cases into the system. In order for the upload function to work properly, users should track records in the provided .CSV template (LADSS Upload Template.csv). The template can be downloaded from the Import Cases page in the LADSS System. Columns should not be added to or deleted from the template. NOTE: The template will open in Microsoft Excel but the .CSV extension must be maintained for the program to accept the file.

Also available on the Import Cases page is an Import Instruction Document which outlines expected field values, required fields, and required template format. The upload function can be very specific and users should definitely use this template to set-up their tracking document.

To upload a file, click 'Browse', select the file you wish to import, and click 'Upload.' Unless one or more records cannot be processed by the system, all the records will be displayed in the table below with a status symbol. Records marked with a check mark are in the proper format and can be imported into the LADSS system. Records marked with an 'X' are bad records that cannot be imported into the system in their current state. The error description column will indicate the reason why the record has been marked as bad and how the record can be fixed. Records marked with a 'D' are potential duplicate records. This means that they have matched on a number of required fields and could be a potential duplicate. To compare potential duplicate records, 'Compare' check boxes on the appropriate row and click 'Compare Now.'

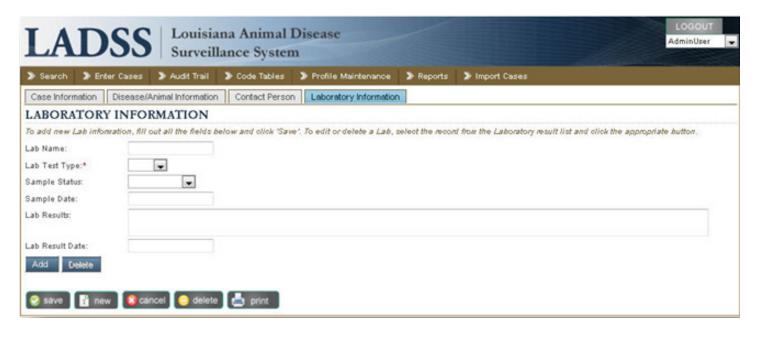
To process all accepted records, which includes potential duplicates, click 'Process All Good Records.' To reject all error records, click 'Reject All Bad Records.' To simply clear a file without processing any of the records, click 'Clear All Records.' If a file has a number of bad records, the user can download the file to CSV to correct records with data errors by clicking 'Download to CSV.' This download will only include records still left in the staging table so if the good records have already been processed, they will not be included in the download. When using this feature, the user must delete the Error Description and Error Status columns before re-uploading the file.



UPLOAD TEMPLATE HELP

Overview

The Louisiana Animal Disease Surveillance System is a system designed by the Louisiana Office of Public Health (OPH) to provide early detection and tracking of animal diseases and outbreaks. This system will provide real time data to the State Veterinarian and OPH-IDES, as well as other agencies around the state.



Built into the Louisiana Animal Disease Surveillance System is the ability to keep track of cases in a .CSV document and upload the cases into the system. In order for the upload function to work properly, users should track records in the provided .CSV template (LADSS Upload Template.csv). The template can be downloaded from the Import Cases tab in the LADSS System. Columns should not be added to or deleted from the template. NOTE: The template will open in Microsoft Excel but the .CSV extension must be maintained for the program to accept the file.

Required Fields

There are six required fields that must be populated in the spreadsheet for each record to be accepted. If all required fields are not included, the LADSS system will reject the files and create an error report. Also, any duplicate records will also be rejected by the system.

The following fields are required:

- Record Number
- Sequence Number
- Disease Name
- Case Date
- Affected Party
- Species
- Animal Parish

Field Definitions

Below are the definitions, limitations and suggested inputs for all fields in the template to help guide users data entry.

| Field Name | Data Type | Length | Comments |
|---------------------------------------|-------------|---------------------------------|---|
| Record Number | Number/Text | | Required Field: Number that identifies each record that is imported into the system. Each number must be unique or it will be marked as a duplicate record. |
| Sequence Number | Number | | Required Field: The sequence number is used when multiple lab results are entered. The first row of a record will always be marked as '1,' and each row after will be marked with sequential numbers. |
| Disease Name | Text | | Required Field |
| Case Date | Number | MM-DD-YYYY or MM/DD/ YYYY | Required Field: Date the case was reported. |
| Affected Party | Text | | Required Field: Input must be 'Group' or 'Individual' |
| # of Animals Affected | Number | | # of animals affected by the disease |
| Species | Text | | Required Field |
| Animal Parish | Text | | Required Field: Input must be a Louisiana Parish |
| Diagnosis Confirmed | Text | | Input will be 'True' or 'False' |
| Confirming Laboratory | Text | | Input the laboratory that confirmed the diagnosis |
| Onset Date | Text | MM-DD-YYYY or MM/DD/ YYYY | Date of the onset of symptoms |
| Probable Source of Transmission | Text | | Input the probable source of the trans- mission of the disease |
| Outbreak Type | Text | | Input must be 'Sporadic' or 'Associated' |
| Index Case | Text | | If the outbreak is associated, is this case the index case? Input will be 'True' or 'False' |
| Comments | Text | | Input any comments about the case |
| Animal Age | Number | | Input will be numbers 0-100 |

| Field Name | Data Type | Length | Comments |
|--|-------------|------------|--|
| Animal Sex | Text | | Input will be 'Female,' 'Male,' 'N/A – Herd,' 'Neutered Female,' or 'Neutered Male' |
| Animal Status | Text | | The current status of the animal. Input 'Alive,' 'Deceased,' or 'Euthanized' |
| Animal Name | Text | | The name of the animal (if an individual animal) |
| Animal Identification (Brand, Tag or Number) | Text/Number | | Any other animal identification |
| # of Animals on the Premises | Number | | List the number of animals on the premises |
| Premises Identification # | Number | | The premises identification number of the premises where the infected animal is located |
| Animal Address 1 | Text | | Address of where the infected animal is located |
| Animal Address 2 | Text | | Address of where the infected animal is located |
| Animal City | Text | | City of where the infected animal is located |
| Animal Zip | Number | 00000 | Zip Code of where the infected animal is located |
| Notes | Text | | Input any notes relating to the case |
| Contact Last Name | Text | | Input the last name of the contact person |
| Contact First Name | Text | | Input the first name of the contact person |
| Primary Telephone | Number | 0000000000 | Primary telephone number of the contact person. NOTE: Only numbers are allowed in this field. |
| Secondary Telephone | Number | 0000000000 | Secondary telephone number f the contact person. NOTE: Only numbers are allowed in this field. |
| Fax | Number | 0000000000 | Fax number of the contact person. NOTE: Only numbers are allowed in this field. |
| Email Address | Text | | Email address of the contact person |
| Contact Address 1 | Text | | Address of the contact person |
| Contact Address 2 | Text | | Address of the contact person |

| Field Name | Data Type | Length | Comments |
|----------------------|-----------|---------------------------------|--|
| City | Text | | City of the contact person |
| Zip | Text | | Zip of the contact person |
| Parish | Text | | Parish of the contact person |
| Lab Name | Text | | Name of the lab conducting lab tests |
| Lab Test Type | Text | | Type of lab test being conducted |
| Sample Status | Text | | Input must be 'Confirmed,' 'Probable,' or 'Suspect' |
| Sample Date | Number | MM-DD-YYYY or MM/DD/ YYYY | Date of the sample collection |
| Lab Results | Text | | Results of the lab test |
| Lab Result Date | Number | MM-DD-YYYY or MM/DD/ YYYY | Date of the lab results returned |
| Error Description | Text | | Details regarding why a record failed to upload |
| Error Status | Text | | Field will either be blank or will show 'True.' If the field is marked as True, the record failed. |

Multiple Lab Entries

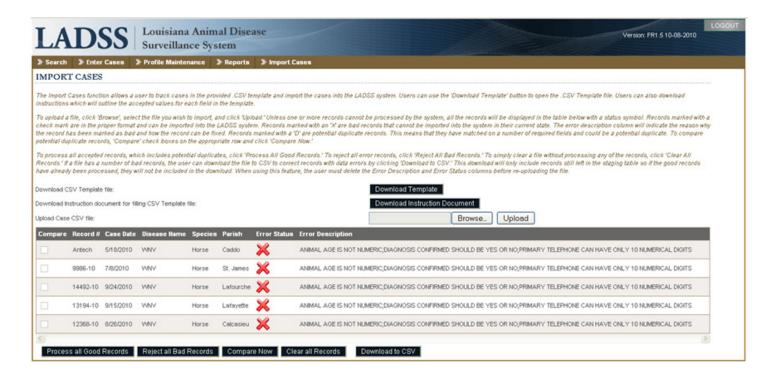
If a user would like to upload multiple lab results for a single record, they should add an additional row for each lab result entry directly below the row containing the full record. If the additional lab records are not directly below the case record, the lab records will be rejected by the system. All other information in the additional rows will be left blank. Below is an example of how a multiple lab entry would be input into the template:

| arish Lab Name BR NOLA Lab | Lab Test Type | Sample Status | Cample Date | Lab Danisha | Lab Daniel Date |
|-------------------------------|---------------|------------------|---------------------------|---|---|
| BB NOLALSh | | | sample bace | Lab Results | Lab Result Date |
| DK IVOLA Lab | Test Type | Suspect | 1/10/2009 | The lab results showed that the sample was corrupted. | 1/12/2009 |
| Allen Lab | Test Type | Probable | 1/11/2009 | The lab results are confirmed. | 1/14/2009 |
| BR Lab | Test Type | Probable | 1/10/2009 | Lab results are not yet complete. | |
| rleans NOLA Lab | Test Type | Confirmed | 2/12/2009 | The lab results are confirmed. | 2/14/2009 |
| rl | BR Lab | BR Lab Test Type | BR Lab Test Type Probable | BR Lab Test Type Probable 1/10/2009 | BR Lab Test Type Probable 1/10/2009 Lab results are not yet complete. |

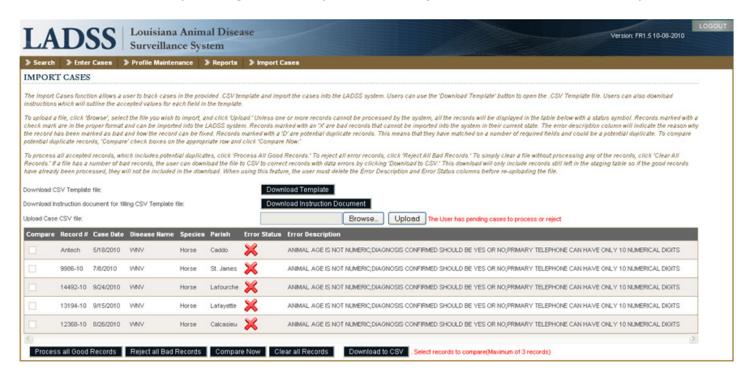
Notice that the first record (with the case record on row 2) has three lab result entries on rows 2, 3 and 4. Only the six lab fields are filled in for the additional rows (except the lab result that is not yet complete). Once all the lab result entries are added, the user will simply add the next case record on the next row (row 5).

UPLOAD CSV PROCESSING

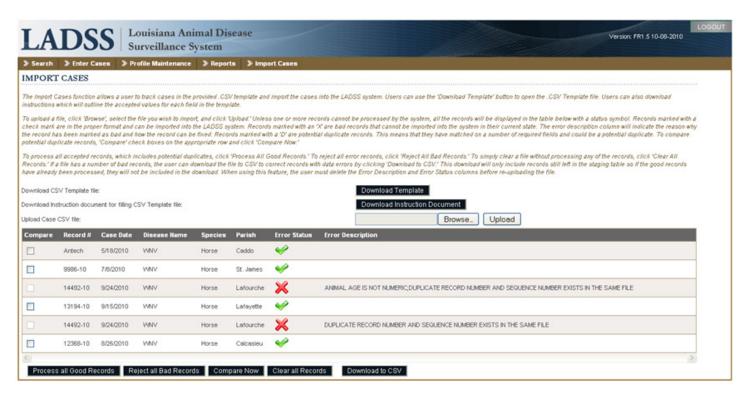
After you Click "Upload" LADSS staging system will evaluate the file for any errors. In the image below you can see that all 5 records processed had errors. You will not be able to process these records unless the errors are fixed. You will need to fix the errors in the CSV file you had tried to upload and also either Click "Reject all Bad Records" or Click "Clear all Records"



If you instead Click "Browse" and "Upload", the LADSS staging system will give you the error "The User has pending cases to process or reject." As seen in the example below.



You can "Process all Good Records" and "Reject all Bad Records". In this example, LADSS staging system detected there were duplicate record and sequence numbers in the same CSV file. You will need to correct the either the Record Number or Sequence Number in the original file in order to process those records. Click "Reject all Bad Records" or Click "Clear all Records" and re-upload the original file after you fixed the error.



One additional option – you can Compare records, just click the check box on the left of the screen under "Compare", then Click "Compare Now" for a side by side comparison of all fields in the records selected.

