

# **Pesticide Illness Reporting (PIR): A Quick Guide for CalREDIE Users**

How to Report  
Pesticide-related Illness or Injury  
with CalREDIE

Spring 2021

## **Pesticide Illness Reporting in California**

- Thousands of Californians are exposed to pesticides at home or on the job each year.
- Because exposure to pesticides can be harmful, state laws require health care providers to report all known or suspected cases of pesticide-related illness or injury.
- Reporting pesticide illness cases helps state and local investigators identify the cause and take preventive actions.
- Compared to faxed reports, cases reported through CalREDIE should result in a faster response and more effective investigation.

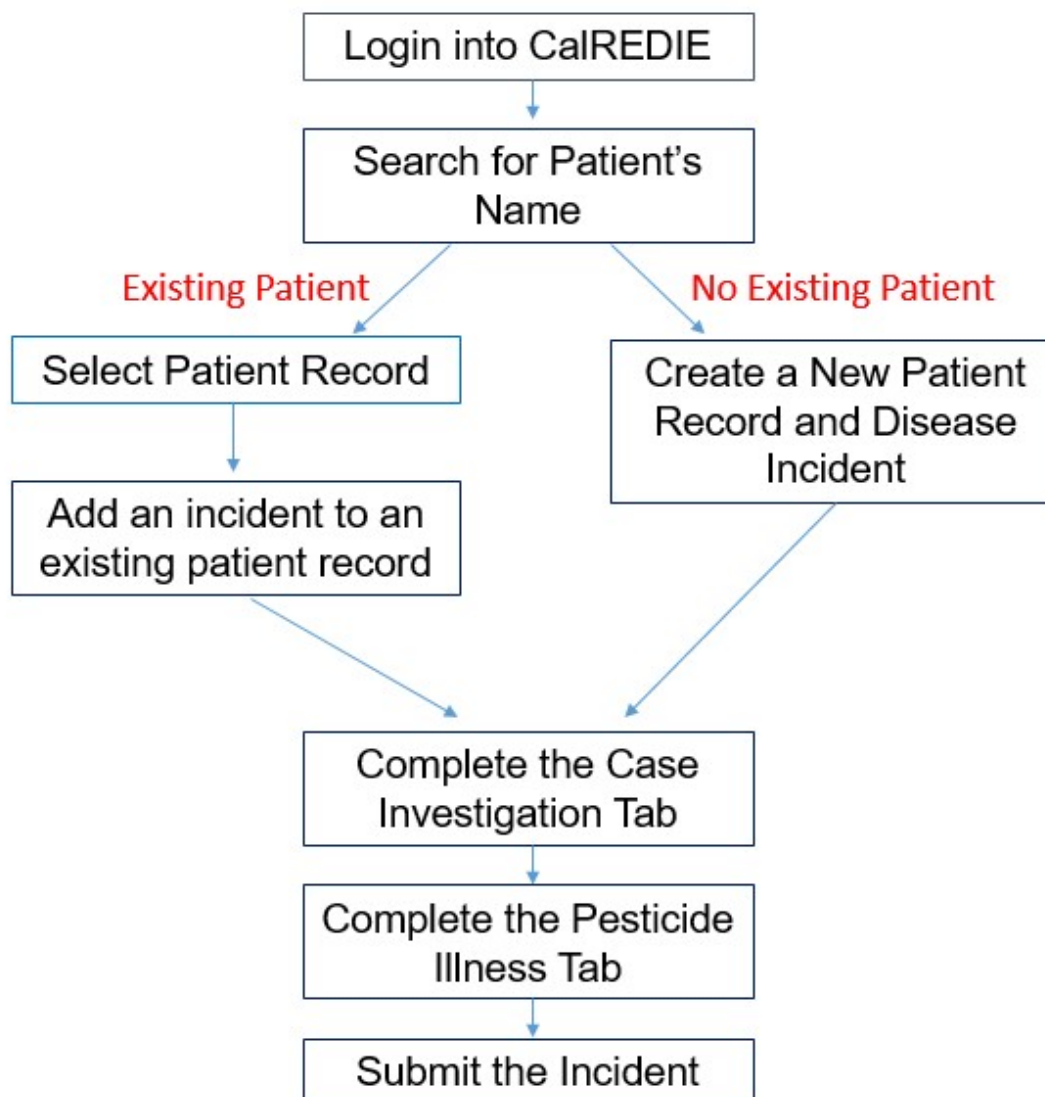
## **Target Audience**

This guide is for local health departments, county agricultural staff, and state pesticide surveillance staff who handle pesticide illness reports.

This guide provides step-by-step instructions to show:

- How a provider or public health staff can enter data from pesticide illness reports into the CalREDIE system.
- How to locate a patient already in the CalREDIE system and add a new pesticide-related illness incident to an existing Patient Record

# Overview



## **General Guidance from the CaIREDIE System**

Are you familiar with navigating the Patient and Case Investigation tabs? If not, please refer to the **CaIREDIE User Guide** and related resources.

Click this link to visit the [CaIREDIE HELP webpage](#), or paste the webpage address below into your browser window

**[www.cdph.ca.gov/Programs/CID/DCDC/Pages/CaIREDIE-HELP.aspx](http://www.cdph.ca.gov/Programs/CID/DCDC/Pages/CaIREDIE-HELP.aspx)**


Please use the password **CaIREDIE123** to access the user guide

The CaIREDIE Helpdesk provides assistance with log-on issues: [CaIREDIEHelp@cdph.ca.gov](mailto:CaIREDIEHelp@cdph.ca.gov)

## Logging In

Navigate to the CalREDIE website [calredie.cdph.ca.gov](http://calredie.cdph.ca.gov) Enter your username and password

Version: 15.0.2.11



CalREDIEHelp@cdph.ca.gov | 866-866-1428

Username

Password

[Change Password](#)

[ARNOLD](#)  
[Install ActiveX Controls](#)

# Search for Patient

From the Case Load page, left click on **"Search"** in the top row menu

The screenshot shows a web application interface for Case Load management. At the top, a navigation menu includes 'My Case Load', 'Search', 'Previous Search', 'Jurisdiction Review', 'Outbreak', 'Staging', 'Administration', 'Dictionaries', and 'Reports'. The 'Search' menu item is circled in red. Below the menu, the user is logged in as '42Fauci, Anthony' with the domain 'Main'. The main content area has two tabs: 'Case Load' and 'Lab Results'. Below the tabs, there is a search form with fields for 'View Begin Date', 'Status', and a search criteria dropdown menu. The search criteria options are:
 

- Name/OB#/GE#
- Disease/GE Type
- Task Name

 There is also a text input field for the search criteria. To the right of the search form are 'Search' and 'Clear' buttons. Below the search form, there is a section titled 'My Records \*' which contains a table with the following columns: ID, Type, Name/OB#/GE#, Disease/GE Type, Status, Date Created, and Date of Onset/Event. The table is currently empty, and a message below it states '\* Contacts and Animal Reports not listed'. At the bottom of the 'My Records' section are 'PREV' and 'NEXT' navigation buttons. Below the 'My Records' section is a section titled 'My Tasks' which contains a table with the following columns: ID, Type, Name/OB#/GE#, Disease/GE Type, Task Name, and Completed. This table is also empty, and it has 'PREV' and 'NEXT' navigation buttons at the bottom.

## Search for Patient

On the **Person** tab, search to see if the patient has already been entered

Enter “Last Name, First Name” and left click on the **"Find"** button or use radio buttons to use other search criteria

The screenshot shows a web application interface for searching patients. The top navigation bar includes tabs for 'My Case Load', 'Search', 'Previous Search', 'Jurisdiction Review', 'Outbreak', 'Staging', 'Administration', 'Dictionaries', and 'Reports'. The user is logged in as '88Nakashima, James' in the 'Main' domain. The 'Person' tab is selected, with 'Disease Incident' and 'Outbreak' tabs also visible. Below the tabs, there are radio buttons for search criteria: Name (selected), SSN, DOB, Address, Phone, Zip, Create Date, MRN, SoundEx, Source Identifier, and Patient. A search input field is present, followed by a 'Find' button (circled in red), 'New Patient', 'Clear', and 'Mark for Merge' buttons. Below the search area, there are options for 'Patient Type' (P=Patient, C=Contact, F=Family Member) and checkboxes for 'Additional Demographics' and 'Show All'. Two tables are displayed: the first table has columns for 'Role(s)', 'Last Name', 'First Name', 'DOB', and 'SSN'; the second table has columns for 'Type', 'ID', 'Disease/GE Type', 'Jurisdiction', 'Date Created', and 'Pro/Res Status'. At the bottom, there are buttons for 'New Incident', 'New Contact Investigation', 'Unlock', 'Patients', and 'Contacts'.



## Search for Patient

To minimize duplications, try to account for misspellings and name variations by using the wildcard (%) character to replace 0-infinity characters in the patient name. For example, search for *Rodriguez, Eri%a* to account for *Erica* and *Erika*.

If there is still no match, left click on the “**New Patient**” button

The screenshot shows a web application interface for patient management. At the top, there are navigation tabs: My Case Load, Search, Previous Search, Jurisdiction Review, Outbreak, Staging, Administration, Dictionaries, and Reports. Below the tabs, it indicates the user is logged in as 88Nakashima, James in the Main domain. There are three main tabs: Person (selected), Disease Incident, and Outbreak. Under the Person tab, there are radio buttons for search criteria: Name (selected), SSN, DOB, Address, Phone, Zip, Create Date, MRN (circled in red), SoundEx, Source Identifier, and Patient. Below these are buttons for Find, New Patient, Clear, and Mark for Merge. Further down, there are checkboxes for Patient Type: =Patient (selected), =Contact, =Family Member, and Additional Demographics, along with a checked Show All checkbox. Two empty tables are visible: one with columns Role(s), Last Name, First Name, DOB, and SSN; and another with columns Type, ID, Disease/GE Type, Jurisdiction, Date Created, and Pro/Res Status. At the bottom, there are buttons for New Incident, New Contact Investigation, Unlock, Patients, and Contacts.

## Person tab

For Disease Being Reported, please select **Pesticide Illness (known or suspected)**

**Required Patient information fields** are highlighted in red and marked with an asterisk (\*)

- If **Gender, Ethnicity or Race** are unknown, please check that option

1. Include the patient's **Date of Birth** and **Address** to help reduce Master Person Index duplications
2. Activate **address geocoding** (button to the right of Census Tract) to assign LHD based on patient location.
3. A contact **Phone Number** is critical for effective follow-up investigations.
4. Click **Case Investigation** tab to continue

The screenshot shows a patient information form for 'Valero, Jorge'. The form is divided into several sections. Red boxes and arrows highlight the following fields:

- Disease Being Reported:** A dropdown menu set to 'Pesticide Illness (known or suspected)'.
- DOB (MM/DD/YYYY):** A text field containing '08/23/1962'.
- Address Number & Street:** A text field.
- Home Telephone, Cellular Phone / Pager, and Work/School Telephone:** Three text fields.
- Address Geocoding:** A button located to the right of the 'Census Tract' field.

The form also includes fields for Last Name (Valero), First Name (Jorge), Middle Name, Name Suffix, Primary Language (English), Ethnicity (Hispanic/Latino), Race (White), Gender (Male), Marital Status, Occupation Setting, Occupation, and Occupation Location. There are 'Next' and 'Cancel' buttons at the bottom right.

## Case Investigation tab (top)

**Date of Onset** is very important data for investigators

If necessary, select the **Jurisdiction** on the Case Investigation tab. This step will not be needed if the patient address has already been geocoded by user.

*The **Status** fields are not used by the State for pesticide illness, so complete the fields according to your local needs*

**Disease Incident**

Patient: Smith,Alex      Incident ID:      Process Status: Entered  
 DOB:      Disease: Pesticide Illness (known or suspected)      Resolution Status: Suspect

Patient    Pesticide Illness    Case Investigation

**Case Information**

\* Jurisdiction  
 Secondary Jurisdiction  
 Investigator  
 Reporting Source  
 Provider  
 Submitter Name  
 Lab  
 Additional Provider  
 Additional Lab  
 Link to Outbreak      Index Case Cluster ID  
 Patient Died of this illness     Yes     No

**Dates**

Date of Onset  
 Lab Specimen Collection Date  
 Lab Specimen Result Date  
 Date of Diagnosis  
 Date of Death  
 Date Received  
 Date Created  
 Episode Date  
 Date Closed

**Statuses**

\* Process Status  
 Entered  
 Set To The Next Status  
 Reported By  
 Imported Status  
 Resolution Status  
 Suspect  
 Final Disposition  
 Transmission Status  
 Date Sent  
 Last CDC Update

# Case Investigation

(bottom)

Use **Notes/Remarks** field to add any pertinent information not requested previously. Please note any EFC content

The **Pesticide Related Investigation** section is for State Use Only.

The **SUBMIT** button is located at the bottom of the Case Investigation tab

Note that information can be added, edited and updated after an incident is submitted

## Pesticide Illness tab (top)

Complete the fields on the **Pesticide Illness** tab

Note the **Illness onset date** is populated from the Case Investigation tab

Please DO NOT include HIV/AIDS information as a pre-existing condition

Please check the boxes for symptoms or choose the asymptomatic box

The screenshot shows a web application interface with three tabs: Patient, Pesticide Illness, and Case Investigation. The Pesticide Illness tab is active. The form contains the following sections and fields:

- PESTICIDE-RELATED ILLNESS INFORMATION**: A text box with a description of pesticide illness. Below it are two input fields: "Illness onset date (populated from Case Investigation tab)" and "Initial examination date".
- SYMPTOMATIC**: A section with a red box around the "Asymptomatic" checkbox.
- PESTICIDE-RELATED ILLNESS INFORMATION - SIGNS AND SYMPTOMS**: A section with a red box around the "Check all that apply" checkbox.
- Dermatologic**: A list of symptoms with checkboxes: Blistering, Burns, Edema, Erythema (redness), Irritation/Pain, Other, Pruritis (itching), and Rash.
- If other, specify**: A text input field for additional symptoms.

Red arrows from the text on the left point to the following elements in the form:

- The "Illness onset date" field.
- The "List any pre-existing conditions" text box.
- The "Asymptomatic" checkbox.
- The "Check all that apply" checkbox.

## Pesticide Illness tab (middle)

Note that the Date of Death field will be populated from the Case Investigation tab

Multiple diagnostic tests can be listed by clicking the **Add** button

Cough   
  Dyspnea (shortness of breath)   
  Rhinitis (runny nose)   
  Upper Respiratory Irritation/Pain   
  Wheezing   
  Other  
 If other, specify:

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**Other Systemic**  
 Chest Pain   
  Excessive Urination   
  Fatigue   
  Fever/Hyperexia   
  Malaise   
  Other  
 Tachycardia  
 If other, specify:

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Pesticide related death   
 Date of Death (populated from the Case Investigation tab)

**PESTICIDE-RELATED ILLNESS INFORMATION - LAB TESTS**

ID-001

Were diagnostic or laboratory tests conducted?  
 No   
  Yes, completed   
  Yes, pending

If Completed or Pending, please describe:

Test	Results (include reporting units)
<input type="text"/>	<input type="text"/>
	Normal range or baseline used <input type="text"/>
	Date specimen collected <input type="text"/>

## Pesticide Illness tab

(bottom)

If **Yes** is selected for a work-related pesticide exposure, a pop-up message will appear, directing ***providers*** to complete the Doctor's First Report (DFR) Form, found in the Electronic Filing Cabinet.

Please include a **summary** of the pesticide incident – it provides very important data for case investigators.

After completing the Pesticide Illness tab, select **Next**

The screenshot shows the 'Pesticide Illness tab' form. A pop-up message titled 'Message from webpage' is displayed, stating: 'For work-related illness or injury, physicians are required to file a Doctors First Report of Occupational Injury or Illness (DFR) within five days of initial patient examination. Please note that this form cannot be submitted electronically, but must be printed and sent directly. The DFR is available in the Electronic Filing Cabinet (EFC)'. The form fields include: 'Pesticide exposure date' (10/05/2020), 'Name of pesticide(s) or active ingredient(s)' (Bonide Termite), 'Location where pesticide exposure occurs', 'City of exposure', 'County', 'State', 'Zipcode', 'Describe how patient was exposed to pesticide (e.g. drift, direct spray, environmental residue, spill, ingestion)', 'Did exposure occur at work?' (radio buttons for Yes, No, Unknown), 'If yes, name of patient's employer', 'Name of patient's supervisor', 'Patient's activity when pesticide exposure occurred', 'If other, specify', 'Were others exposed?' (radio buttons for Yes, No, Unknown), and 'Additional detail on pesticide exposure incident'. At the bottom, there are buttons for 'Back', 'Next', 'Save', 'Cancel', and 'Print Tab'. Red arrows point to the 'Next' button, the 'Did exposure occur at work?' radio buttons, and the pop-up message.

## Adding an Incident to an Existing Patient Record #1

Enter Patients Name and click **FIND**

Select person from list - selection is highlighted

Click on **New Incident**

Logged in as: 88Wisniewski,Joy Domain: Main

Person Disease Incident Outbreak

Name SSN DOB Address Phone Zip Create Date MRN SoundEx Source Identifier

Gomez, Fernando Find New Patient Clear Mark For Merge

Client Type  =Patient  =Contact  =Family Member  Additional Demographics

Role(s)	Last Name	first name	DOB	SSN	Current	Address
P	Gomez	Fernando	3/23/1990	XXX-XX-9500	Y	421 N Stevens St, Delano
P	Gomez	Fernando	12/6/1991		Y	Victorville, CA
P	Gomez	Fernando	11/3/1995		Y	PO Box 1020

Historical Jurisdiction Access

Type	ID	Disease	Jurisdiction	Date Created	Pro/Res Status	User	Marked For Merge
There are some masked records you are not authorized to access.							

New Incident New Contact Investigation Patients Contacts

Associations

Last Name	First Name	DOB	SSN	Current	Address
PREV NEXT					



## Adding an Incident to an Existing Patient Record #2

A new **Disease Incident** is created, pre-populated with the patient demographics already on file. You may edit these. If prompted, please opt to create a “New Person Version” rather than make a “Correction”.

**Please complete** the Pesticide Illness and Case Investigations tabs

The screenshot shows a web application interface for a "Disease Incident" form. The user is logged in as "88Wisniewski, Joy" in the "Main" domain. The form is pre-populated with patient information for "Gomez, Fernando" (DOB: 3/23/1990). The "Disease Being Reported" dropdown menu is set to "Pesticide illness (known or suspected)". The form includes fields for patient demographics, address, and ethnicity. A red bracket highlights the "Case Investigation" tab and the "Disease Being Reported" dropdown menu.

Patient		Case Investigation	
* Disease Being Reported: Pesticide illness (known or suspected)			
* Last Name: Gomez	* First Name: Fernando	Middle Name:	Name Suffix:
SSN: 625-56-9500	DOB (MM/DD/YYYY): 3/23/1990	Age: 22	Months: Days:
Address Number & Street: 421 N Stevens St		Apartment/Unit Number:	
City: Delano	State:	Zip:	
Census Tract: 088502	County of Residence: Orange	Country of Residence: UNITED STATES	
* Ethnicity: Hispanic/Latino			
* Race: <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African American			

## Adding an Incident to an Existing Patient Record #3

After a new incident is submitted, it is listed as an accessible incident for the selected patient

For CalREDIE users who are limited to pesticide illness reporting duties, only pesticide illness incidents will be listed here

The screenshot displays the CalREDIE web application interface. At the top, there are navigation tabs: Search, Jurisdiction Review, Outbreak, Staging, Administration, Dictionaries, Reports, and Help. The user is logged in as 88Wisniewski, Joy in the Main Domain. The interface shows a search for 'Gomez, Fernando' with buttons for 'Find', 'New Patient', 'Clear', and 'Mark For Merge'. Below the search, there are options for Client Type (Patient, Contact, Family Member) and a checkbox for 'Additional Demographics'. A table lists patient records for Fernando Gomez with columns for Role(s), Last Name, First Name, DOB, SSN, Current, and Address. Below this, there is a checkbox for 'Historical Jurisdiction Access' and a table of incidents. A red arrow points to a new incident entry: 'Pesticide illness (known or suspected)' with ID 332473, Jurisdiction Kern, Date Created 3/13/2013, and Status Entered/ Suspect. At the bottom, there are buttons for 'New Incident', 'New Contact Investigation', 'Patients', and 'Contacts', and an 'Associations' section with a table for patient associations.

Role(s)	Last Name	First Name	DOB	SSN	Current	Address
P	Gomez	Fernando	3/23/1990	XXX-XX-9600	Y	421 N Stevens St, Delano
P	Gomez	Fernando	12/6/1991		Y	Victorville, CA
P	Gomez	Fernando	11/3/1995		Y	PO Box 1020

Type	ID	Disease	Jurisdiction	Date Created	Pro/Res Status	User	Marked For Merge
DI	332473	Pesticide illness (known or suspected)	Kern	3/13/2013	Entered/ Suspect	88Wisniewski, Joy	<input type="checkbox"/>

## Additional Guidance and Resources from OEHHA

The Office of Environmental Health Hazard Assessment (OEHHA) assists with the reporting of known or suspected cases of pesticide-related illnesses or injuries by health care providers and local health department staff.

Additional guidance and educational materials are available online or by contacting our office:

Webpage [oehha.ca.gov/pesticides](http://oehha.ca.gov/pesticides)

Email Address [Pesticides@oehha.ca.gov](mailto:Pesticides@oehha.ca.gov)

Phone Number **(510) 622-3170**

OEHHA also offers a free CME-accredited online training on “Recognition, Management and Reporting of Pesticide Illnesses” at [medpested.oehha.ca.gov/signin/](http://medpested.oehha.ca.gov/signin/)

## Additional Contacts at OEHHA

For reporting pesticide illness-specific issues using CaIREDIE:

James Nakashima

[james.nakashima@oehha.ca.gov](mailto:james.nakashima@oehha.ca.gov)

(916) 323-1924