

How to Access Data from CDC's VAERS WONDER System

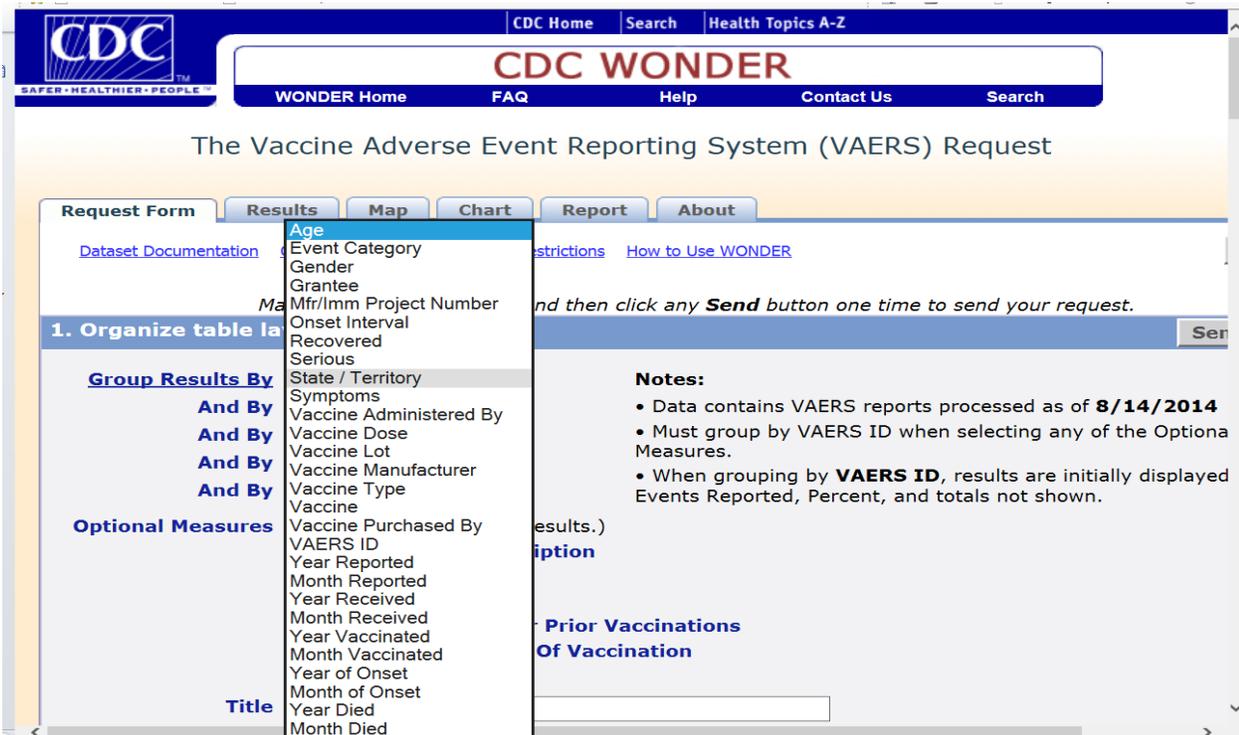
Step 1: Go to wonder.CDC.gov/VAERS.html. Click on the **VAERS Data Search** box to start your search.

The screenshot shows the top navigation bar with 'CDC Home', 'Search', and 'Health Topics A-Z'. Below is the 'CDC WONDER' logo and a sub-header 'About The Vaccine Adverse Event Reporting System (VAERS)'. A menu bar includes 'Request Form', 'Results', 'Map', 'Chart', 'Report', and 'About'. The main content area contains links for 'Dataset Documentation', 'Data Use Restrictions', and 'How to Use WONDER'. A note states: 'Any use of these data implies consent to abide by the terms of the data use restrictions.' The section is titled 'The Vaccine Adverse Event Reporting System (VAERS)' and describes the database. It includes a 'Search Current VAERS Data' section with a search button and a 'VAERS Report Details*' button. A red arrow points to the 'VAERS Data Search' button. A disclaimer and a link to 'Dataset Documentation' are also present.

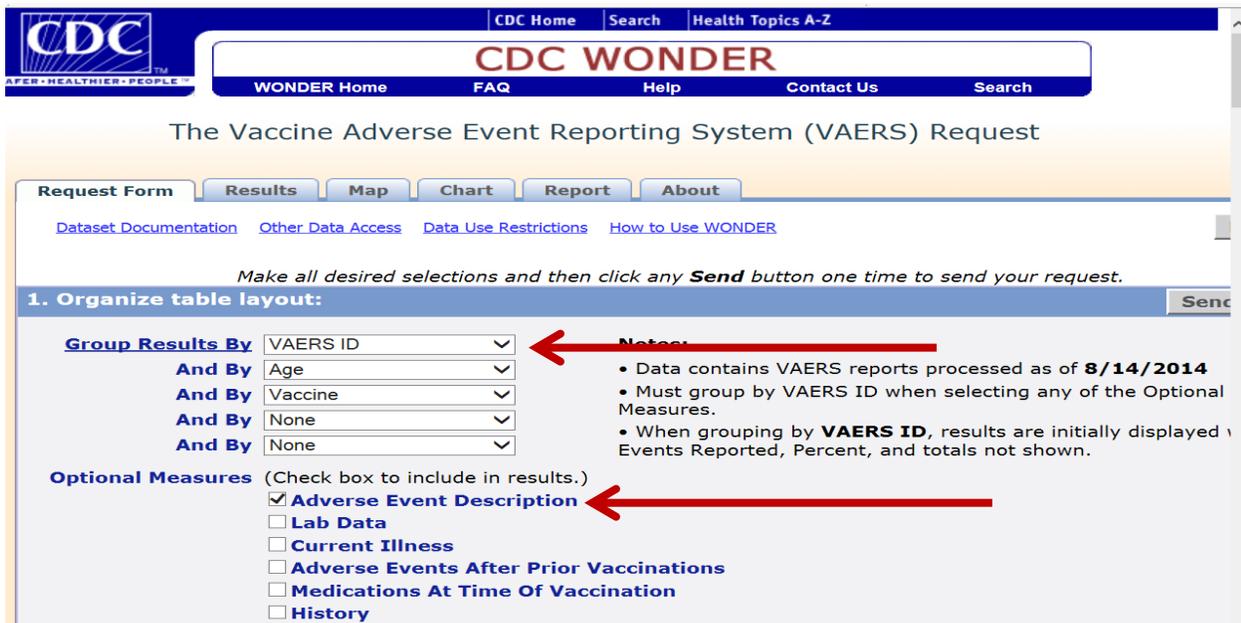
You will be taken to the page where you can start your search.

The screenshot shows the 'Request Form' section of the CDC WONDER VAERS page. The navigation bar includes 'WONDER Home', 'FAQ', 'Help', 'Contact Us', and 'Search'. The main heading is 'The Vaccine Adverse Event Reporting System (VAERS) Request'. A menu bar includes 'Request Form', 'Results', 'Map', 'Chart', 'Report', and 'About'. The main content area contains links for 'Dataset Documentation', 'Other Data Access', 'Data Use Restrictions', and 'How to Use WONDER'. A 'Reset' button is visible. The section is titled '1. Organize table layout:' and includes a 'Send' button. There are four 'And By' dropdown menus, all set to 'None'. The 'Optional Measures' section includes checkboxes for 'Adverse Event Description' (checked), 'Lab Data', 'Current Illness', 'Adverse Events After Prior Vaccinations', 'Medications At Time Of Vaccination', and 'History'. A 'Notes' section contains three bullet points: 'Data contains VAERS reports processed as of 12/14/2014', 'Must group by VAERS ID when selecting any of the Optional Measures.', and 'When grouping by VAERS ID, results are initially displayed with Events Reported, Percent, and totals not shown.' A 'Title' input field is at the bottom.

Step 2: Choose which variables you want to see in your results. Clicking the down arrow to the right of the **Group Results By** drop-down list will show all the options.



Step 3: To see the description of the adverse event as it was reported on the VAERS form, select **VAERS ID** in the first box under **Group Results By** and select **Adverse Event Description** under **Optional Measures**.



Step 4: If you want to give your search printout a title, enter it in the **Title** box. If you don't want a title, you can leave the box blank.

The Vaccine Adverse Event Reporting System (VAERS) Request

Request Form | **Results** | **Map** | **Chart** | **Report** | **About**

[Dataset Documentation](#) | [Other Data Access](#) | [Data Use Restrictions](#) | [How to Use WONDER](#) | Reset

*Make all desired selections and then click any **Send** button one time to send your request.*

1. Organize table layout: Send

<p>Group Results By VAERS ID ▼</p> <p>And By Age ▼</p> <p>And By None ▼</p> <p>And By Vaccine ▼</p> <p>And By None ▼</p> <p>Optional Measures (Check box to include in results.)</p> <p><input checked="" type="checkbox"/> Adverse Event Description</p> <p><input type="checkbox"/> Lab Data</p> <p><input type="checkbox"/> Current Illness</p> <p><input type="checkbox"/> Adverse Events After Prior Vaccinations</p> <p><input type="checkbox"/> Medications At Time Of Vaccination</p> <p><input type="checkbox"/> History</p> <p>Title Fainting</p>	<p>Notes:</p> <ul style="list-style-type: none">Data contains VAERS reports processed as of 12/14/2014Must group by VAERS ID when selecting any of the Optional Measures.When grouping by VAERS ID, results are initially displayed with Events Reported, Percent, and totals not shown.
---	---

Step 5: Scroll down to **Select Symptoms** where you can choose symptoms to search for. To search for terms, click on the **Search** tab. Select the terms you want to use for your search. As you highlight a term, it is moved to the Currently Selected box on the right side of the screen. To select more than one term, hold down the Control key. To select a range of terms, hold down the Shift key.

2. Select symptoms: Send

Browse or **search** to find items in the Symptoms Finder Tool, then **highlight** the items to use for this request. (The *Currently selected* box displays all current request items.)

[Finder Tool Help](#) | [Advanced Finder Options](#)

Browse | **Search** | **Details**

Symptoms

1000000 (ABDOMINAL COMFORT OTHERS)

10000059 (ABDOMINAL DISCOMFORT)

10000060 (ABDOMINAL DISTENSION)

10053309 (ABDOMINAL EXPLORATION)

10060954 (ABDOMINAL HERNIA)

10060802 (ABDOMINAL HERNIA REPAIR)

10056519 (ABDOMINAL INFECTION)

10060924 (ABDOMINAL INJURY)

10073485 (ABDOMINAL LYMPHADENOPATHY)

10000077 (ABDOMINAL MASS)

10049714 (ABDOMINAL MIGRAINE)

10060925 (ABDOMINAL NEOPLASM)

10061609 (ABDOMINAL OPERATION)

10000001 (ABDOMINAL PAIN)

Currently selected:

All (All Symptoms)

Use Ctrl+Click to multiple select, Shift+Click for a range.

Step 6: Scroll down to **Select Vaccine Characteristics**. When a vaccine is highlighted, it moves to the **Currently Selected** box on the right side of the screen. To search for a specific brand of vaccine, click the **Open** button at the bottom of the section and select the specific brand or brands of vaccine you are interested in.

3. Select vaccine characteristics:
Send

NOTE: Flu vaccine brands are no longer separately listed by year. If you want to search for a specific year of a vaccination, please section 6 (Select date vaccinated) and select the year(s) you are interested in searching.

Browse or **search** to find items in the Vaccine Products Finder Tool, then **highlight** the items to use for this request.
(The *Currently selected* box displays all current request items.)

[Finder Tool Help](#) [Advanced Finder Options](#)

Browse

Search

Details

Vaccine Products

- + TDAP (TETANUS AND DIPHTHERIA TOXOIDS AND ACELLULAR PERTUSSIS VACCINE (BO
- + TD (TETANUS AND DIPHTHERIA TOXOIDS, ADULT)
- + TTOX (TETANUS TOXOID)
- + DTAPH (TETRAMUNE)
- + TBE (TICK-BORNE ENCEPHALITIS VACCINE (TBE))
- + TYP (TYPHOID VACCINE)
- + VARCEL (VARIVAX-VARICELLA VIRUS LIVE)
- + YF (YELLOW FEVER VACCINE)
- + VARZOS (ZOSTER VACCINE LIVE)
- + UNK (UNKNOWN VACCINES)

Open
Close
Close All

Browse the list by opening and closing items.
Use Ctrl+Click to multiple select, Shift+Click for a range.

Currently selected:

TDAP (TETANUS AND DIPHT

Step 7: You can also search for vaccine manufacturer, vaccine dose number, and vaccine lot number. If you don't select any, it will default to all manufacturers, all doses, and all lot numbers.

Vaccine Manufacturer

All Manufacturers

ACAMBIS, INC.

AVENTIS PASTEUR

BAXTER HEALTHCARE CORP.

BERNA BIOTECH, LTD

BSI

BURROUGHS WELLCOME

Vaccine Dose

All Doses

0 Doses

1 Doses

2 Doses

3 Doses

4 Doses

5 Doses

Vaccine Lot

Enter vaccine lots,
one per line, maximum
15 characters each.
Leave empty for all
lots.

Step 8: Scroll down to **Select Location, Age, and Gender**, which allows you to select specific locations, ages, and genders. If you don't select anything, it will default to all U.S. states and territories, all ages, and all genders.

4. Select location, age, gender: Send

<p>State / Territory</p> <ul style="list-style-type: none"> All Locations The United States, Territories, and Unknown Alabama Alaska Arizona Arkansas California 	<p>Age</p> <ul style="list-style-type: none"> All Ages < 6 months 6-11 months 1-2 years 3-5 years 6-17 years 18-29 years 	<p>Gender</p> <ul style="list-style-type: none"> All Genders Female Male Unknown
--	---	---

Step 9: Scroll down to **Select Other Event Characteristics**, which allows you to select characteristics of the adverse event you're interested in. If you don't select anything, it will default to all adverse events.

5. Select other event characteristics: Send

<p>Event Category</p> <ul style="list-style-type: none"> All Events Death Life Threatening Permanent Disability Hospitalized Existing Hospitalization Prolonged Emergency Room Not Serious 	<p>Recovered</p> <ul style="list-style-type: none"> All Events No Yes Unknown Missing <p>Serious</p> <ul style="list-style-type: none"> All Events Yes No 	<p>Onset Interval</p> <ul style="list-style-type: none"> All Events 0 days 1 day 2 days 3 days 4 days 5 days
<p>Vaccine Administered By</p> <ul style="list-style-type: none"> All Entities Public Private Other Military Unknown 	<p>Vaccine Purchased By</p> <ul style="list-style-type: none"> All Entities Public Private Other Military Unknown 	<p>Grantee</p> <ul style="list-style-type: none"> All Events Chicago Houston New York City Philadelphia San Antonio Non-Grantee
<p>VAERS ID</p> <div style="border: 1px solid gray; height: 40px; width: 100%;"></div> <p>Enter full or partial VAERS IDs, one per line. Leave empty for all events.</p>	<p>Mfr/Imm Project Number</p> <div style="border: 1px solid gray; height: 40px; width: 100%;"></div> <p>Enter Mfr / Immun project reports, one per line, maximum 25 characters each. Leave empty for all reports.</p>	

Step 10: Scroll down to **Search Text Fields**. In this section, you can search for exact words that appear in each section of the VAERS report.

6. Search text fields: Send

Limit results to events with words or phrases in any of these text fields.
Enter one or more words per line to find events with **all** words found in line. Show More >>

<u>Adverse Event Description</u> <input type="text"/>	<u>Lab Data</u> <input type="text"/>	<u>Current Illness</u> <input type="text"/>
<u>Adverse Events After Prior Vaccinations</u> <input type="text"/>	<u>Medications At Time Of Vaccination</u> <input type="text"/>	<u>History</u> <input type="text"/>

Step 11: Scroll down to **Select Report Completed Dates**, which allows you to search for a specific date that a VAERS report was completed. If you leave this blank, it will default to all dates in VAERS, from 1990 to the present.

7. Select report completed dates: Send

NOTE: Any selection made in this field limits data to only those records that indicate the specified dates. If you want to include records with an unknown date, then use the aggregate finder and include the "unknown" category in your selection.

Click a button to choose reported dates by a range or aggregate dates.
 Date Range **Aggregate Dates**

[Date Report Completed](#)

From: (Start: Before 1990)
Until: (End: Dec., 2014)

Step 12: Scroll down to **Select Report Received Dates**, which allows you to search for specific dates that reports were received by VAERS. If you leave this blank, it will default to all dates in VAERS.

8. Select report received dates: Send

NOTE: Any selection made in this field limits data to only those records that indicate the specified dates. If you want to include records with an unknown date, then use the aggregate finder and include the "unknown" category in your selection.

Click a button to choose received dates by a range or aggregate dates.
Date Range **Aggregate Dates**

Date Report Received

From: Jan ▼ 2013 ▼ (Start: Jul., 1990)
Until: Dec ▼ 2013 ▼ (End: Dec., 2014)

Step 13: Scroll down to **Select Vaccination Dates**, which allows you to search for specific dates when persons were vaccinated. If you leave this blank, it will default to all dates in VAERS.

9. Select vaccination dates: Send

NOTE: Any selection made in this field limits data to only those records that indicate the specified dates. If you want to include records with an unknown date, then use the aggregate finder and include the "unknown" category in your selection.

Click a button to choose vaccination dates by a range or aggregate dates.
Date Range **Aggregate Dates**

Date Vaccinated

From: Jan ▼ 2013 ▼ (Start: Before 1980)
Until: Dec ▼ 2013 ▼ (End: Dec., 2014)

Step 14: Scroll down to **Select Adverse Event Onset Dates**, which allows you to search for specific dates when an adverse event occurred. If you leave this blank, it will default to all dates in VAERS.

10. Select adverse event onset dates: Send

NOTE: Any selection made in this field limits data to only those records that indicate the specified dates. If you want to include records with an unknown date, then use the aggregate finder and include the "unknown" category in your selection.

Click a button to choose onset dates by a range or aggregate dates.
Date Range **Aggregate Dates**

Date of Onset

From: Jan 2013 (Start: Before 1980)
Until: Dec 2013 (End: Dec., 2014)

Step 15: Scroll down to **Select Death Dates**, which allows you to search for a specific date when a death occurred.

11. Select death dates: Send

NOTE: Any selection made in this field limits data to only those records that indicate the specified dates. If you want to include records with an unknown date of death or no indication of death, then use the aggregate finder and include the "unknown" and "no death" categories in your selection.

Click a button to choose death dates by a range or aggregate dates.
Date Range **Aggregate Dates**

Date Died

From: Before 1980 Before 1980 (Start: Before 1980)
Until: Dec 2014 (End: Dec., 2014)

Step 16: Other Options allows you to choose how your results will appear.

12. Other options: Send

Export Results (Check box to download results to a file)

Show Totals

Show Zero Values

Precision decimal places

Data Access Timeout minutes

Send

Reset

Step 17: Press any of the **Send** buttons on the page. Your search results will appear on the screen. Use the scroll bar on the right side of the screen to view the full page of results.