

## Searching for a Patient in NBS UPDATE April 2020

We have recently identified some potential inefficiencies in the searching process due to the increased volume of COVID patients. Please use this guidance moving forward; it will also be updated in the next user guidance update.

Currently, you can search via multiple methods:

1. **Search Demographics:** Name, date of birth, current sex\*\*
  - a. **IF AT ALL POSSIBLE, PLEASE AVOID AT THIS TIME**
2. **Search Identifiers:**
  - a. **Event IDs:** Accession number, Lab ID (OBS#####TN01), Investigation ID (CAS#####TN01), etc.
  - b. **Patient IDs:** 7 digit number, also found in reports as (PSN#####TN01)
3. **Advanced Search:** advanced demographics (address, city, zip) or by EVENT (lab report or investigation)

**Patient Search**

Search Demographics

Last Name:

First Name:

DOB:

Current Sex:

Search Identifiers

Event ID Type:

Patient ID(s):

*(Separate IDs by commas, semicolons, or spaces)*

[Advanced Search](#)

### Searching by Demographics - **\*\*IF AT ALL POSSIBLE, PLEASE AVOID AT THIS TIME\*\***

Previous guidance suggested that when searching by the patient name/demographics to use “fuzzy” logic to account for name misspellings, etc. However, to improve search efficiency, we now recommend searching by the patient’s full first and last name (if known), click **Search**.

**Search Demographics**

Last Name:

First Name:

DOB:

Current Sex:

3449007	Legal Wayne, Bruce	31 Years 10/06/1988 Male	Home 123 Batman Cir Burns, Tennessee 37029	Home 615-111-1234
3432000	Legal Wayne, Bruce	36 Years 09/18/1983	Home 123 Batman Cir Burns, Tennessee 37029	Home 615-555-1234
110010	Legal Wayne, Bruce Legal Wayne, Bruce Thomas	34 Years 08/11/1985 Male	Birth Place United States Home 1597 Batman Road Nashville, Tennessee 37215 Home 1599 Batman Road Nashville, Tennessee 37215 Home 2001 Batman Road Burns, Tennessee 37029 Home 870 Wayne Blvd Nashville, Tennessee 37215	Home 615-837-5359 Cell 615-555-5555 Email notbatman@wayneenterprises.got Home 615-555-5555

If the patient does **not** appear in the system by name only, **then** try searching by the date of birth.

**Search Demographics**

Last Name:

First Name:

DOB:

Current Sex:

Your Search Criteria: Last Name Contains 'wayne', First Name Contains 'bruce', DOB Equal '08/11/1985', resulted in 1 possible matches. Would you like to [refine your search](#) or [add a...](#)

Results 1 to 1 of 1

patient ID	Name	Age/DOB/Sex	Address	Phone/Email	ID
110010	Legal Wayne, Bruce Legal Wayne, Bruce Thomas	34 Years 08/11/1985 Male	Birth Place United States Home 1597 Batman Road Nashville, Tennessee 37215 Home 1599 Batman Road Nashville, Tennessee 37215 Home 2001 Batman Road Burns, Tennessee 37029 Home 870 Wayne Blvd Nashville, Tennessee 37215	Home 615-837-5359 Cell 615-555-5555 Email notbatman@wayneenterprises.got Home 615-555-5555	

## Searching by Identifiers

Even better for search efficiency is to search by any identifiers you have on the patient.

### Event IDs

Select the down arrow beside **Event ID Type** and select the identifier to search by. A new text box will open below the dropdown for you to enter the identifier. Enter the entire ID, like the Investigation ID (CAS#####TN01) or Lab ID (OBS#####TN01), to search. Click **Search**.

The screenshot shows the 'Search Identifiers' form with 'Event ID Type' set to 'Investigation ID' and 'Event ID' set to 'CAS11176004TN01'. A blue arrow points to the search results table, which is highlighted with a red box. The table has columns for Patient ID, Name, Age/DOB/Sex, and Address. The results show a patient with ID 3468671, name Legal Prince, Diana, age 20, DOB 10/06/1998, sex Female, and address Greece Home, Germantown, Tenn, 321 Themyscira Lar, Germantown, Tenn.

Patient ID	Name	Age/DOB/Sex	Address
3468671	Legal Prince, Diana	20 Years 10/06/1998 Female	Birth Place Greece Home Germantown, Tenn Home 321 Themyscira Lar Germantown, Tenn

### Event ID types:

- Lab Accession Number ID
- Investigation ID
- Lab ID
- Morbidity Report ID
- State Case ID (helpful for COVID patients)

### Patient IDs

If you have a PSN number (PSN#####TN01), omit the PSN1 and TN01, and only enter the 7 numbers in between and click **Search**. For example, for the Patient ID of PSN12345678TN01, search by **2345678**.

The screenshot shows the 'Search Identifiers' form with 'Event ID Type' empty and 'Patient ID(s):' set to '3457049'. A blue arrow points to the search results table, which is highlighted with a red box. The table has columns for Patient ID, Name, Age/DOB/Sex, and Address. The results show a patient with ID 3457049, name Legal Kent, Clark, age 36, DOB 08/11/1982, sex Male, and address Canada Home, 1965 Daily Planet Lane, Nashville, Tennessee 37215 Home, 1965 Daily Planet Lane, Nashville, Tennessee 37215.

Patient ID	Name	Age/DOB/Sex	Address
3457049	Legal Kent, Clark	36 Years 08/11/1982 Male	Birth Place Canada Home 1965 Daily Planet Lane Nashville, Tennessee 37215 Home 1965 Daily Planet Lane Nashville, Tennessee 37215

### Advanced Search

More advanced search functionality is available by clicking on **Advanced Search** beside Search and Clear.

The screenshot shows the 'Search Identifiers' form with 'Event ID Type' and 'Patient ID(s):' fields. Below the fields are 'Search', 'Clear', and 'Advanced Search' buttons. The 'Advanced Search' button is highlighted with a red box.

You can also access this functionality from your first "basic" search result page by clicking **Refine Search**

The screenshot shows a search results page with a table of results. The 'Refine Search' button is highlighted with a red box. The search criteria are 'Last Name Contains 'wayne', First Name Contains 'bruce', resulted in 4 possible matches. Would you like to refine your search or add a new patient?'. The results table has columns for Patient ID, Name, Age/DOB/Sex, Address, Phone/Email, and ID.

Patient ID	Name	Age/DOB/Sex	Address	Phone/Email	ID
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A Patient Search and Event Search tab will become available for additional criteria.

The **Patient Search** feature allows you to search for the patient with additional demographics; this would be helpful if you suspect a misspelling in the name. Enter in the information you have and click **Submit**.

The screenshot shows the 'Patient Search' tab with 'Simple Search' selected. The search criteria are: Last Name: Starts With 'wayne', First Name: Starts With, Date of Birth: Equal '08/11/1985', Current Sex: Male, Street Address: Contains, City: Contains 'Nashville', State: (dropdown), Zip: '37215', and Patient ID(s): (empty). The 'Advanced Search' section includes fields for ID Type, ID Number, Phone, Email, Ethnicity, Race, and checkboxes for 'Active', 'Deleted', and 'Superceded'. A 'Submit' button is highlighted with a red box.

Your Search Criteria: Last Name Starts With 'wayne', DOB Equal '08/11/1985', Current Sex Equal 'Male', City Contains 'Nashville', Zip Equal '37215', resulted in 1 possible matches. Would you like to [refine your search](#) or [add a new patient](#)?

Results 1 to 1 of 1

Patient ID	Name	Age/DOB/Sex	Address	Phone/Email	ID
3418019	Legal Wayne, Bruce Legal Wayne, Bruce Thomas	34 Years 08/11/1985 Male	Birth Place United States Home 1957 Batman Road Nashville, Tennessee 37215 Home 1959 Batman Road Nashville, Tennessee 37215 Home 2001 Batman Road Burns, Tennessee 37029 Home 876 Wayne Blvd Nashville, Tennessee 37215	Home 615-837-5359 Cell 615-655-5555 Email notbatman@wayneenterprises.got Home 615-655-5555	

Results 1 to 1 of 1

Add New

You may use the **Event Search** feature to search for Lab Reports or Investigations for your jurisdiction in **real time**, but **use caution!** This can only return ~100 results at a time; if your search parameters are "wide", you may not pull all records you expect.

The screenshot shows the 'Event Search' tab with 'Event Type: Laboratory Report' selected. The search criteria include: Program Area, Jurisdiction, Pregnancy Status, Event ID Type, Event Date Type, Event Date, Entry Method, Entered By, Event Status, Event Created By User, Event Last Updated By User, and Event Provider/Facility Type. There are also checkboxes for 'Electronic', 'Manual', 'Internal User', 'External User', 'New/Initial', and 'Update'. A 'Submit' button is visible at the bottom right.

You can also access this search from the **Data Entry** menu by clicking Patient:



If you have additional questions or if you identify matching patients that need a merge, please contact [CEDS.Informatics@tn.gov](mailto:CEDS.Informatics@tn.gov).