

# AHER Searches in DIS Guide

*Last Updated: August 18, 2020*

**Data Integration Services (DIS)** enables easy searches across many records from a variety of VS data sources and provides comprehensive information on Animals, Animal Health Events, Premises, etc. - all in one place. This document gives details on how to login, navigate in the platform, and search for data.

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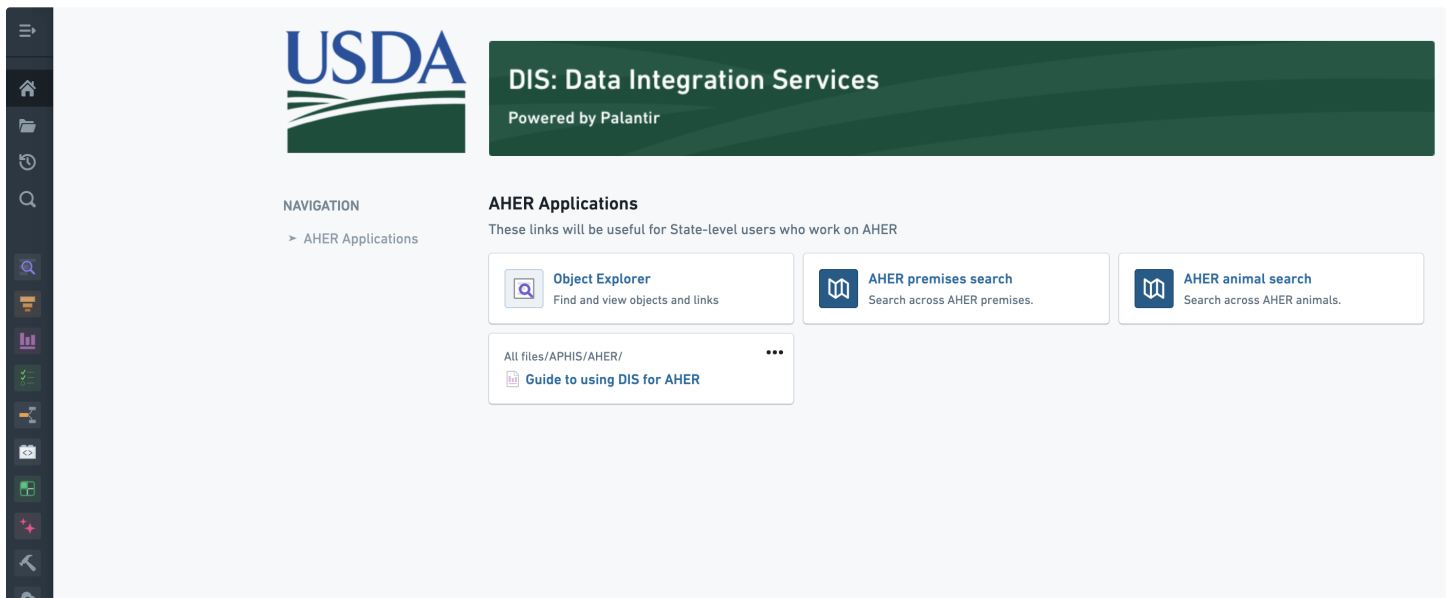
## 1.) Logging in

Login instructions have been sent to you. Please reach out to Palantir for support regarding DIS access.

- Login at: <https://dis.aphis.usda.gov>
- *Note:* For login support contact: [vs.data.services@usda.gov](mailto:vs.data.services@usda.gov)

## 2.) Home page

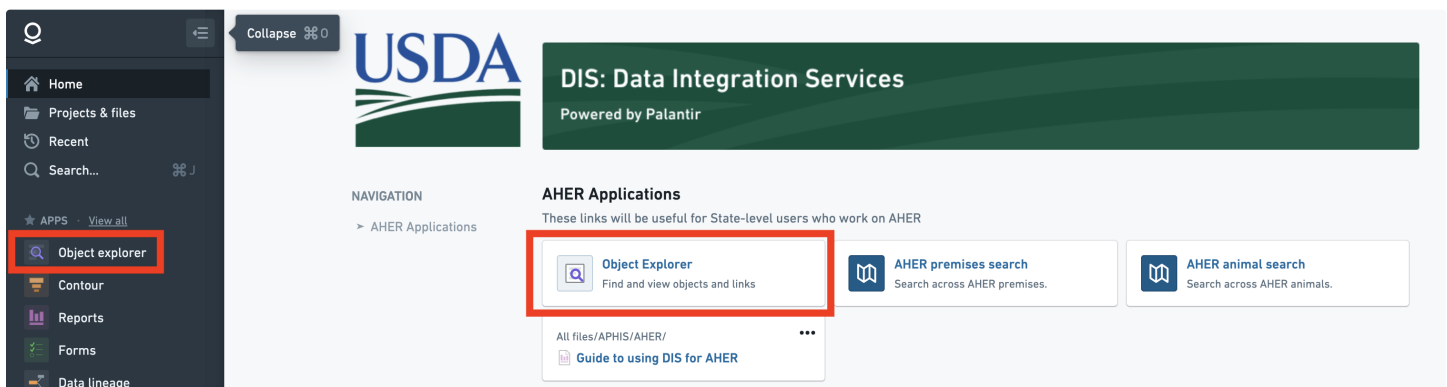
When you log into DIS, the home page you see will be tailored to your role and state. The home page will link to applications in the platform, documentation, and forms that are most helpful for you. Below is an example landing page for a generic "example" State:



### 3.) Navigating to Object Explorer

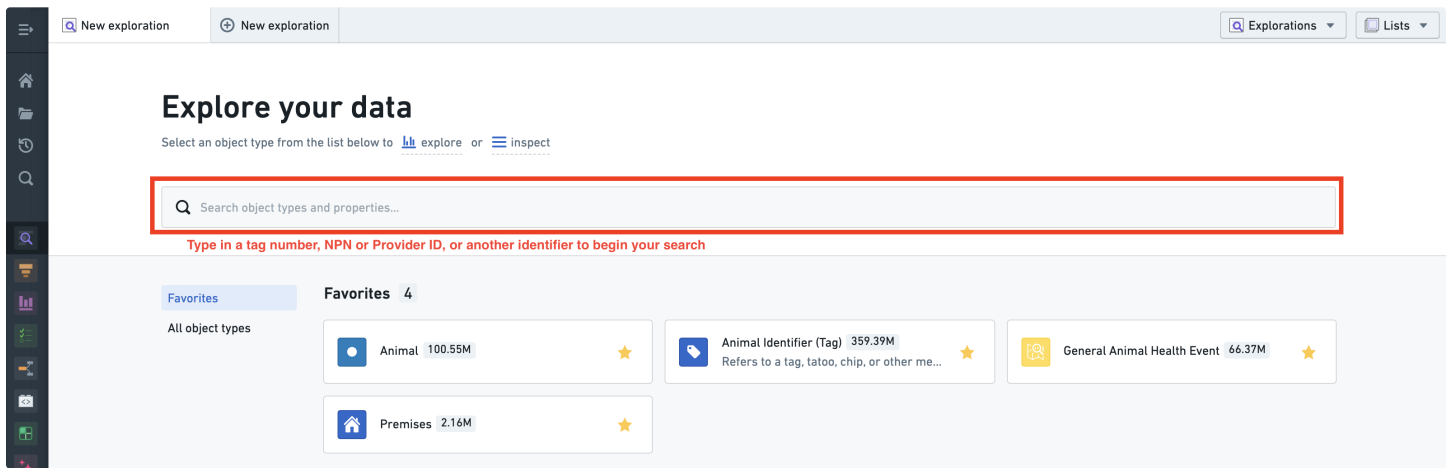
Object Explorer is the application within DIS that you'll use to search for records and data. You are able to navigate to Object Explorer by:

1. Using the link from the homepage, or
2. Navigating to the black sidebar on the lefthand side of the screen and selecting "Object Explorer" (to open the black sidebar, click the icon with three bars at the top of the black sidebar)



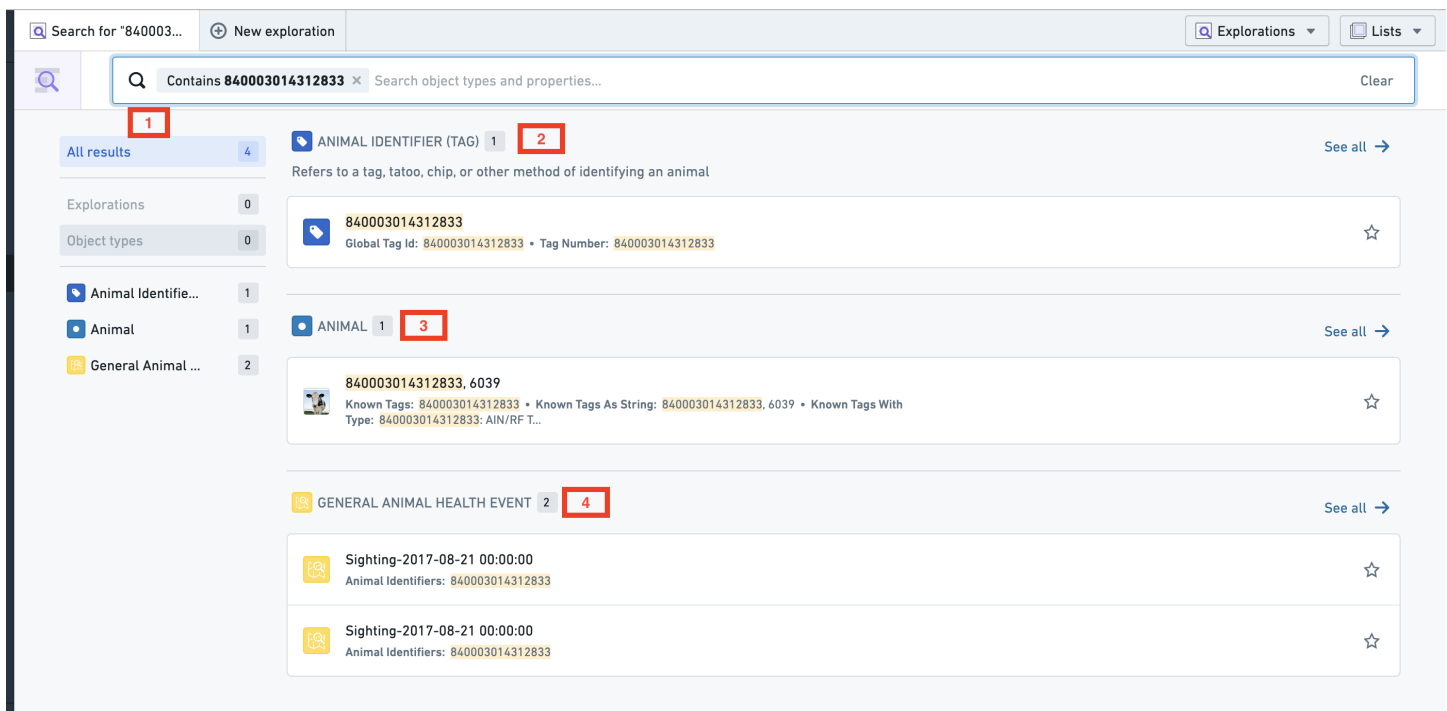
### 4.) Searching for records

To begin a search when you have a tag or another identifier, use the search bar to type in that identifier and press enter. DIS also allows for wildcard searches using % and searching for many tags at one time that can be separated by commas or spaces. Below is a screenshot of Object Explorer; you may see different tiles or numbers of records based on your access and preferences.



Below is an example of a search result after searching for a single 840 tag. DIS links data from all the different source systems together, so users are able to see information on an Animal, all the Premises it is associated with, all the Animal Health Events it has been in, and any other records associated with that Animal - all in one search. Below is more information on the different parts of the search results page:

- (1) **All results:** The lefthand side shows all search results for this tag. It shows the tag searched is linked to 1 Animal Identifier, 1 Animal, and 2 Animal Health Events.
- (2) **Animal Identifier (Tag):** The search is linked to 1 Animal Identifier. Click that box to get more details on the Animal Identifier.
- (3) **Animal:** The search is linked to 1 Animal. Click that box to get more details on the Animal.
- (4) **General Animal Health Event:** The search is linked to 2 Animal Health Events. Click into either box to learn more about those events.



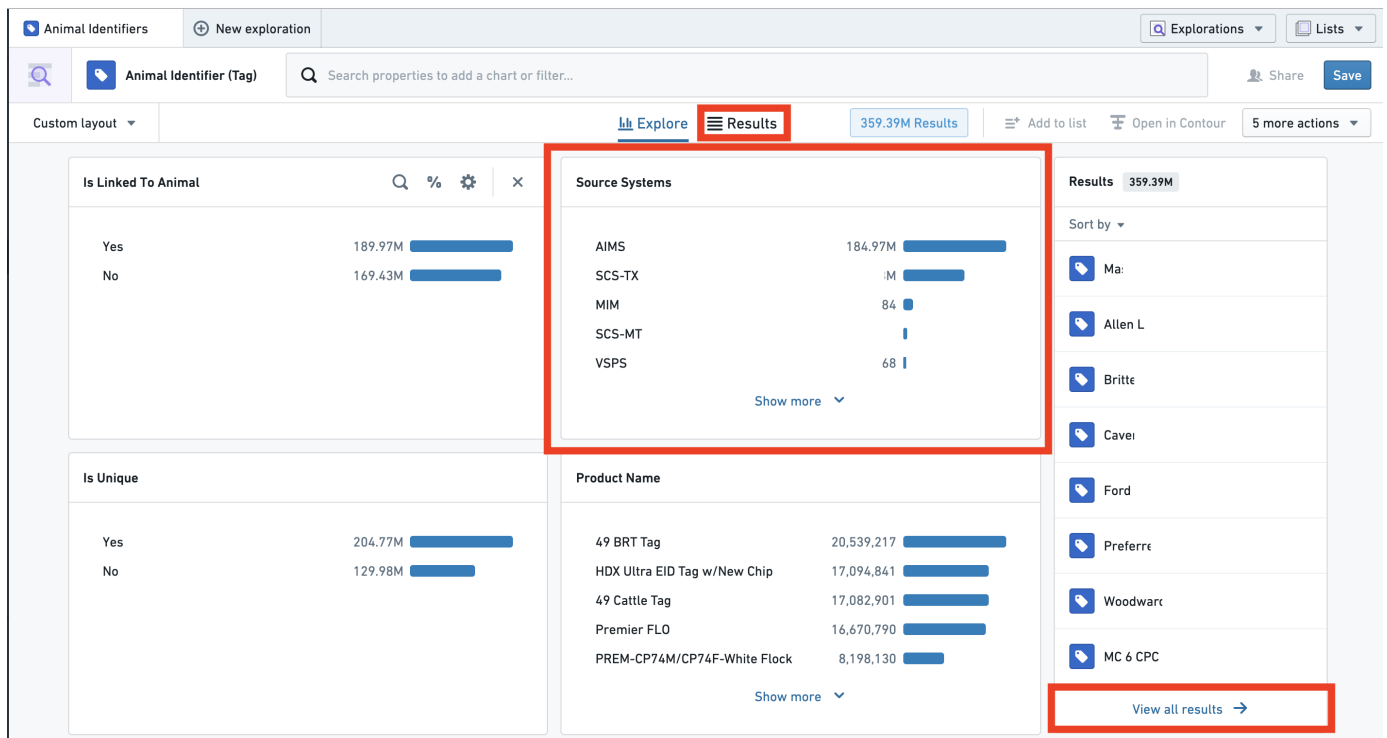
Alternatively, if you don't have an identifier to begin your search or want to look into aggregate data, you can click directly into a data tile from Object Explorer:

The screenshot shows the 'Explore your data' interface. At the top, there are two 'New exploration' buttons and 'Explorations' and 'Lists' dropdown menus. Below this is the heading 'Explore your data' and a sub-heading 'Select an object type from the list below to explore or inspect'. A search bar is present with the placeholder text 'Search object types and properties...'. The 'Favorites' section is titled 'Favorites 4' and lists four object types: 'Animal' (100.55M), 'Animal Identifier (Tag)' (359.39M), 'Premises' (2.16M), and 'General Animal Health Event' (66.37M). The 'Animal Identifier (Tag)' tile is highlighted with a red box and has a red text prompt below it: 'Click into a tile for additional filtering and data views'.

Below is the search results view after clicking into the Animal Identifier tile. Here you can see aggregate views of all the Animal Identifier records that you have access to. You are able to filter into individual charts on this page, click into individual tags, and build other chart views.

(1) **Source Systems:** You are able to click into the data on charts, so in this example "AIMS", and apply the filter, and the search results will update with only Animal Identifiers that have data from AIMS. This applies to all charts on this page.

(2) **View Results:** When you click into a tile you will see this chart view, but you can also click "Results" or "View all results" to see a list of all search results. In this case, you would see a list of all Animal Identifiers that you have access to.



Below is a screenshot of the "View all results" and "Results" page (both navigate you to the same page). Here you can click on individual Animal Identifiers to learn more.

TITLE	IS LINKED TO ANIMAL	SOURCE SYSTEMS	IS UNIQUE	PRODUCT NAME	TAG NUMBER	PRODUCT CODE	DEVICE TYPE
Ma	Yes		No	Mass			UN
Alle	Yes		No	Allen			UN
Brit	Yes		No	Britt			UN
Cav	Yes		No	Cave			UN
For	Yes		No	Ford			UN
Pre	Yes		No	Pref			UN
Wor	Yes		No	Woo			UN
MC	Yes		No	MC 6			UN
W R	Yes		No	W R t			UN
Jon	Yes		No	Jord			UN
FEE	Yes		No	FEE			UN
NOR	Yes		No	NOR			UN
74L	Yes		No	74LY			BT
Zor	Yes		No	Zortr			UN
Wils	Yes		No	Wils			UN

In addition to filtering through the chart views, you are also able to search on specific properties by clicking into the search bar. The screenshot below shows a user who has clicked into the search bar, selected "Product Code", and has the option to type in a search value or select some of the checkboxes to continue filtering down the search results.

Animal Identifiers

Animal Identifier (Tag) Product Code is Search value... Search properties to add a chart or filter...

Keep

- NUES 0001 20,539,217
- AIN 0004c 17,094,841
- NUES 0003 17,082,901
- TGCV 022 16,670,790
- SCR0055 8,198,130

Show more

Add chart to view

Explore Results 359.39M Results

Source Systems

- AIMS M
- SCS-TX M
- MIM 34
- SCS-MT 76
- VSPS 18

Show more

Results

Sort by

- Ma
- All
- Bri
- Cav

**Note:** The last section provided details on how to search for the records and data you are looking for. The following sections provide overviews of the specific objects that are most relevant for users performing AHER searches.

## 5.) Animal Identifier (Tags)

Animal Identifiers (Tags) provide details at the tag level - this includes device type and product information, but also includes the Animal that the tag is linked to, any AHER events, and information on all Premises the tag has been to over its lifetime. Below is an example tag:

Animal Identifier (Tag) 48BU

Overview Properties Linked Entities

Device Type Name: NUES Tag 9-Character or NUES9

Product Name: 49 BRT Tag

Product Code: NUES 0001

Method Name: Visual

Animal 1 result

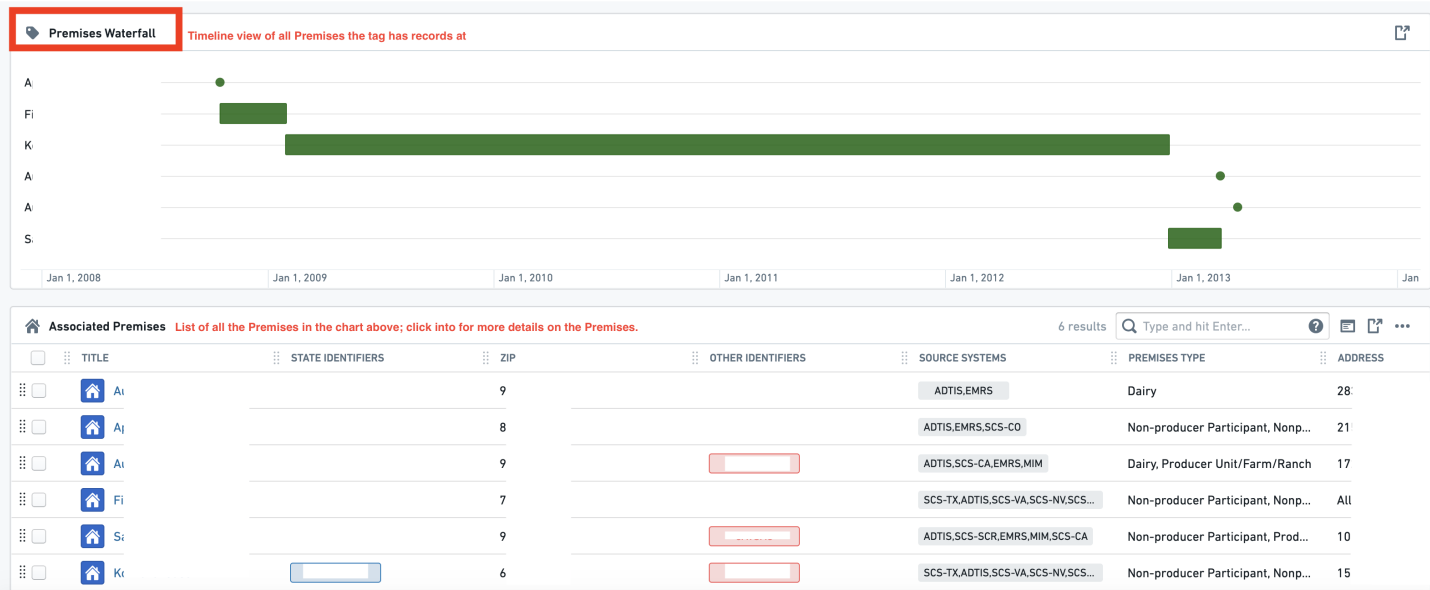
All Animals associated with the tag

Age	No value	Body Color	No value
Breed	Aberdeen Angus	Death Date	Dec 27, 2016
Description Markings	No value	Has Restriction	No
Known Deceased	Yes	Known Tags	
Quarantine Status	No value	Source System	SCS-NE
Species	Cattle (Bos taurus/indicus)		

Timeline

Showing all 6 Events All Animal Health Events associated with the tag

Dec 27 2016 3:05 AM	Retired-2016-12-27 08:05:42	Event Date	Dec 27, 2016 3:05 AM	Slate Source	NE
Dec 26 2016 7:00 PM	Sighting-2016-12-27 00:00:00	Event Date	Dec 26, 2016 7:00 PM	Slate Source	NE
Dec 26 2016 7:00 PM	Sighting-2016-12-27 00:00:00	Event Date		System Source	SCS-NE



## 6.) Animals

Animals provide a comprehensive view of all data on a particular Animal. This includes both data about the Animal - DOB, Breed, Species, etc., and also all linked tags, premises, etc. to that Animal. The example Animal below has 2 tags, been in 11 different AHER events, and has been recorded at Premises in a few states over its lifetime:

**Animal** Y-2, 840

Animal Overview | Animal Details | **Animal Test Results** | All test results linked to the Animal (if you have access) | Data Dictionary

Species: Cattle (Bos taurus/indicus) | Breed: Holstein-Friesian cattle breed | Age: No value

Has Restriction: No | Known Deceased: No | Herd Program: | Source System: SCS-CA

**Activity** All events linked to the Animal. Showing all 11 Events

- Apr 19 2013 8:00 PM Sighting-2013-04-20 00:00:00
- Apr 18 2013 8:00 PM Sighting-2013-04-19 00:00:00
- Apr 16 2013 8:00 PM Sighting-2013-04-17 00:00:00
- Apr 16 2013 8:00 PM Sighting-2013-04-17 00:00:00

**Associated Identifiers** All tags linked to the Animal. 2 results

Device Type Name	Is Linked To Animal	Device Type Name	Is Linked To Animal
AIN/RF Tag - Button or AIN	Yes	MGT	Yes
Is Unique	Yes	Is Unique	No
Product Code	No value	Product Code	No value
Source Systems	SCS-CA,AIMS	Source Systems	SCS-CA
Tag Number	840C	Tag Number	Y-24

**Premises Map** All premises the Animal has been to over its lifetime

The map shows the United States with markers indicating the locations of premises visited by the animal, primarily in California and Texas.

## 7.) Premises

## 8.) Animal Health Events

Animal Health Events are configured in two different ways in DIS:

(1) **General Animal Health Events** provide very basic information about an event that is visible to all AHER DIS users. These are represented by yellow icons. If you have access (i.e. if an event occurred in your state), then you will also see another green icon that provides more details about that event.

(2) **Detailed Animal Health Events** provide more context and other linked entities for an AHER event. For the example below, a user will learn that this Sighting Event was specifically an Animal Registration, and will be able to click into the Premises and other Animals in the event.



Sighting-2017-0... x Sighting-2017-0... x New exploration

Explorations Lists

Sighting Event  
Sighting-2017-08-21 00:00:00

Overview Properties **Animals in Event** [Links to all Animals in the Event](#)

Event Date <b>Aug 20, 2017 8:00 PM</b>	State Source <b>VA</b>	Source System Event Type <b>Animal registration</b>	System Source <b>SCS-VA</b>
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Properties

Create Date	No value	Source System Animal Event Id	VA-BI
Data Source	AHER SCS Event	State Source	VA
Event Date	Aug 20, 2017 8:00 PM	System Source	SCS-VA
Event Name	Sighting-2017-08-21 00:00:00	Update Date	No value

[View all...](#)

Premises 1 result

Premises	
Address	Name
National Identifiers	Other Identifiers
Premises Type	Source Systems
State	State Identifiers
Virginia	No value
Zip	

## Questions?

- [vs.data.services@usda.gov](mailto:vs.data.services@usda.gov)