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 comphrensive 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

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)

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倄 Home		USDA	DIS: Data Integration Services						
廥 Projects & files			Powered by Palantir						
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Q Search	£1								
		NAVIGATION	AHER Applications						
🚖 APPS 🔸 <u>View all</u>		➤ AHER Applications	These links will be useful for State-level users who work on AHER						
Q Object explorer			Object Explorer AHER premises search						
\Xi Contour			Find and view objects and links Search across AHER premises. Search across AHER animals.						
LII Reports									
Forms			All files/APHIS/AHER/						
🚽 Data lineage									

4.) Searching for records

To begin a search <u>when you have a tag or another identifier</u>, 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.

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¥=	All obje	ct types	Animal 100.55M	*		Animal Identifier (Tag) 359.39M Refers to a tag, tatoo, chip, or other me		General Animal Health Event	66.37M 🔶	
			Remises 2.16M	*						

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.

Search for "840003 🗲	New exploration	C Explorations 💌 🔲 Lists 💌
Q Contains	840003014312833 × Search object types and properties	Clear
All results	4 ANIMAL IDENTIFIER (TAG) 1 2 Refers to a tag, tatoo, chip, or other method of identifying an animal	See all 🔶
Explorations Object types	0 840003014312833 Global Tag Id: 840003014312833 • Tag Number: 840003014312833	Ŕ
Animal Identifie		
Animal	1 ANIMAL 1 3	See all →
🔞 General Animal	2 840003014312833, 6039 Known Tags: 840003014312833 • Known Tags As String: 840003014312833, 6039 • Known Tags With Type: 840003014312833: AIN/RF T	¢
	General animal health event 2 4	See all →
	Sighting-2017-08-21 00:00:00 Animal Identifiers: 840003014312833	<u>ل</u>
	Sighting-2017-08-21 00:00:00 Animal Identifiers: 840003014312833	\$

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:

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Explore Select an object type	your data from the list below to h explore or \equiv inspec	t.			
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All object types	• Animal 100.55M	*	Animal Identifier (Tag) 359.39M Refers to a tag, tatoo, chip, or other me	General Animal Health Event 66.37M 🔶	
	Premises 2.16M	*	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.

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				S	now more 💙	View all results \rightarrow

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.

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In addition to filtering through the chart views, <u>you are also able to search on specific properties by clicking into the search bar</u>. 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.

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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)

<u>Animal Identifiers (Tags)</u> 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 (T 48BU Overview Properties Linke	'ag) ed Entities		였 🗭 🗗 Actions 👻
Device Type Name NUES Tag 9-C	haracter or NUES9	Product Name 49 BRT Tag	
Product Code		Method Name Visual	
Animal 1 esult Q	Type and hit Enter 🕜 👪 🍱 🚥	Showing all 6 Events All Animal Health Events associated with the tag	Q. Type and hit Enter 🔞 🐙 🚥 🍱
Age No value Breed Aberdeen Angus	Body Color No value Death Date Dec 27, 2016	Dec 27 2016 3:05 AM Per Notale Animal Identifiers No value ADTS AIMS Control Control Co	
Vescription Markings No value Known Deceased Yes Quarantine Status No value	No No Known Tags Source System SCS-NE	Bec 26 2016 7:00 PM Event Date Dec 26, 2016 7:00 PM Animal Identifiers State Source NE Animal Identifiers State Source NE	
Species Cattle (Bos taurus/indicus)		Dec 26 2016 Sighting-2016-12-27 00:00:00 7:00 PM Event Date State Source	

Premises Waterfall	Timeline view of all Premises the tag has reco	rds at				Ľ
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6.) Animals

<u>Animals</u> provide a comphrensive 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:

Species Cattle (Bos taurus/indio	cus)	Breed Holstein-Friesia	an cattle breed		Age No value			
Has Restriction	Known Deceased		Herd Pro	ogram		Source System		
All events linked to the Animal	Type and hit Enter	Associated Identifiers	All tags linked to the A	Inimal		2 results Q Type and hit E	inter 🕑 🖬	: C7 •
Showing all 11 Events		8400 Animal Identifier (Tag)		Y-2/ Animal Identifier (Tag)				
Apr 19 Sighting-2013-04-20 00:00:00 Apr 19 Event Type Sighting Data Source AnMS Event Extract Animal Identifiers No value Event Type Event Type Event Type Event Type	Event Date Apr 19, 2013 8:00 PM State Source CA	Device Type Name AIN/RF Tag - Button or AIN Is Unique Yes Product Name No value Tag Number 8400	Is Linked To Animal Yes Product Code No value Source Systems SCS-CA,AIMS	Device Type Name MGT Is Unique No Product Name No value Tag Number ¥-24	Is Linked To Animal Yes Product Code <i>No value</i> Source Systems SCS-CA			
Sighting Data Source AIMS Event Extract Animal Identifiers No value	Apr 18, 2013 8:00 PM State Source CA	🕅 Premises Map 🛛 All pr	emises the Animal has b	DAHO LOAND	WYOMING	Sious Falls		C
Apr 16 2013 800 PM Event Type Sighting Data Source AHER SCS Event Animal Identifiers	Event Date Apri 16, 2013 8:00 PM State Source CA	Eureka	Rend	Sulfake City	Cheyenne R	NEBRASKA Omaha	ILLINO	Chicago
Apr 1 & 2013 Sighting-2013-04-17 00:00:00 B:00 FM Event Type Sighting Data Source AHER SCS Event AHER SCS Event	Event Date Apr 16, 2013 8:00 PM State Source CA		CALIFORNIA	Las Vegas	COLORADO	KANSAS ,		TT T

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), than you will also see another green icon that provides more details about that event.

≣∙	🧾 Sighting-2017-08-2	① New exploration				Q Explorations	▼ Lists ▼
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a	\Xi Animal Health Eve	ent Overview					63
a =	Event Date State Source System Source	Aug 20, 2017 8:00 P/ VA SCS-VA	A	Event Type Animal Identifiers	Sighting 840003014312833, 6039		
\$E	E Detailed View						Ľ
	Sighting Event:	-2017-08-21 00:00:00					

(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 🗙	Sighting-2017-0	× 🕀 New exploration						C Explorations 💌
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Event Date Aug 20, 20	17 8:00 PM		State Source		Source System Event Type Animal registration		System Source	
E Properties								Ľ
Create Date Data Source Event Date Event Name	No AHI Auş Sig	value ER SCS Event 1 20, 2017 8:00 PM hting-2017-08-21 00:00:00			Source System Animal Event Id State Source System Source Update Date	VA-8i VA SCS-VA No value		
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I Premises	1 resu	It Q Type and hit Enter	0	D Premises				Ľ
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Questions?

• vs.data.services@usda.gov