

Orpheus County Feedback Meeting

Agenda & Notes

*Data for Public Health
Policy*

Date: June 12, 2014

Time: 1:30-3:00PM

Place: AOC

Webinar registration: <https://www1.gotomeeting.com/register/727580584>

The phone number is the same 1-877-841-9268 participant code 245215

ALL DATA FROM SCREEN SHOTS SHOWN IN THESE MINUTES ARE FAKE

Counties:

Baker (), Benton(), Clackamas (), **Clatsop** (Annette Brodigan, Nancy Mazarella-Tisch, Sheri Salber), Columbia (), Coos, **Crook** (Karen Yeargain), **Curry** (Susan Flemming, Brody Hodges), **Deschutes** (Patty Hutton), Douglas (), Grant (), Harney, Hood River (), **Jackson**(Carol Irwin, Al Solochier), **Jefferson** (Joy Harvey), **Josephine** (Margo Guthrie), Klamath (), Lake, **Lane** (Sidney Buffington, Kelly Reed, Lisa Stevens), **Lincoln** (Kathy Vickers), **Linn** (Karen Fox), Malheur, **Marion** (Dana Finch), Morrow (), **Multnomah** (Linda Daniels, Linda Zumwalt), **North-Central** (Allyson Smith), **Polk** (Kirk Hillebrand), **Tillamook** (Joellyn English, Cerisa Niskanen-Albreshtsen), **Umatilla** (Haylee Williams), Union, Wallowa, Warm Springs (), **Washington** (Kim Repp), Wheeler, Yamhill ().

State: Nasreen Abdullah, Hillary Booth, Maureen Cassidy, Jeff Capizzi, Dave Dreher, Stephen Ladd-Wilson, Rob Laing, Karen Lewis, Beletshachew Shiferaw, Roger Wirt

Orpheus Contractor: Matt Navarre, Dan Gray

Facilitator: June Bancroft

Topic		Action Items
1.	Overall update –Stephen <ul style="list-style-type: none">• Security Audits – Deadline for ORPs to submit was June 1st; we’ve received quite a few the Monday after OR-Epi. Most all have been received. A significant amount of user settings changes have been made. We’re also keeping track of “export location” and number of exports.• Disconnects – We’re still working on it. We recently disabled the	

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	virus scanning software to see if that makes a difference. Analysis pending.	
2.	<p>ELR update – June (for Michelle)</p> <ul style="list-style-type: none"> ELR system, which uses the State’s Enterprise Technical Services (ETS) secure file transfer protocol (sFTP) server, is still down. ETS needs to re-build it. Estimated time of the rebuild is early July. It does create a business contingency planning opportunity for all of us; however, it’s been a pain. Some of the labs are able to send secure e-mails, i.e., Quest and Providence are faxing to us; Karen Lewis, our point person for this, is forwarding to Counties. Kaiser should be faxing directly to Counties (they are also faxing to State). PeaceHealth (OML or Central Lab) is leveraging the ESSENCE system to send their ELRs. Oregon State Public Health Lab came back on board yesterday; they should be coming directly to Orpheus. STD reports from Salem Hospital and Center for Disease Detection will be routed to Gary Fosnaugh of the STD program. 	<p>Counties to inform State of any possible missing ELRs (based on what they’re expecting to receive from laboratories).</p> <p>Counties to be sure State has current their fax number, especially if that number has changed within the past year.</p> <p>State (Rob and June) to follow up with Interpath, which should be faxing.</p> <p>State (Rob) to update Counties with an e-mail that summarizes the latest information in terms of lab updates, i.e., which lab is doing what.</p>
3.	<p>Best Practices for querying and searching in Orpheus – Matt Navarre</p> <ul style="list-style-type: none"> Matt’s goal is to be sure that frequently run reports (e.g., many times/day) take very little time to run; however, complex reports that are done less frequently, say once a week or so, generally will take longer to run. Searches – Do not use the Cases (Identified) search for retrieving large data sets; it’s faster to user the Cases (de-identified) search and to subsequently “Transfer to Case List” if you need identifiers. 	<p>Counties to let State know of specific reports that are taking too long to run.</p>

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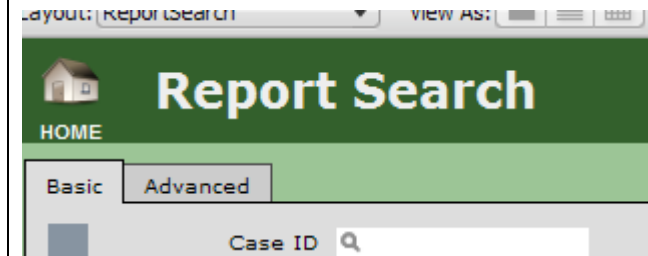
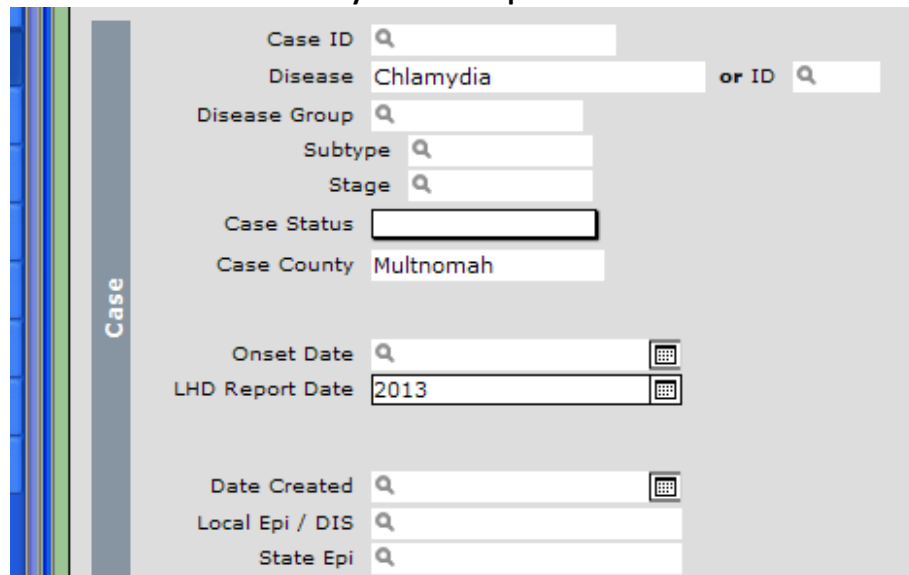
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Identified searches take much longer - use only for searches specific individuals. Do not use for large data sets
De-identified are quicker - use for searches that will return large data sets (e.g. this year's Chlamydia Cases)

De-identified searches take you to the report screen.



Be sure to use LHD Report date when querying STDs, as Onset Date is generally not used.

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Once you get your found set, which shouldn't take long, you should click on the Transfer to Case List button if you need identifiers.

Disease	Onset	LHD Report	Age	Status	Sex	County	EpiLink	Hosp	Subtype	Case ID
Chlamydia	01/02/14	18	Confirmed	F	Multnomah					414821
Chlamydia	01/02/14	20	Confirmed	F	Multnomah					414822
Chlamydia	01/02/14	22	Confirmed	F	Multnomah					414823
Chlamydia	01/02/14	34	Confirmed	F	Multnomah					414827
Chlamydia	01/02/14	32	Confirmed	F	Multnomah					414828

Use the google-like search bar whenever you're looking for a specific record (e.g., person name, date of birth, case id number, contact id number, contact name, alias names, elr names, etc.). Clicking on the magnifying glass with all else blank will take you to the report search.



When searching by name, always use fragments of first name + last name, e.g., rob smi will return Bob Smith or Robert Smith.

When searching date of birth, use a 4-digit year, e.g., 1/1/1980, to be sure of a given date search.

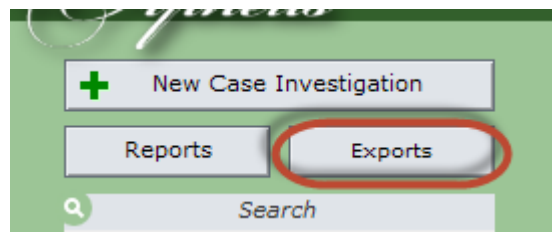
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Because Orpheus is divided into many tables, e.g., Cases, People, Contacts, Providers, etc., it's best to go to the source table of that field, say laboratory, i.e., when searching for cases associated with a particular lab.

Go to the Exports button to get to the Lab Search screen:



Matt to add the County field to the Lab Search layout.

Matt to fix the Export ELR button.

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The above figure depicts how to search Providence Lab enterics with onsets of 2012. Note that you can use the duplicate request button to perform complex searches. Once you get to your list, you can use the Transfer to Case List button (below):

Case ID	Patient	DOB	Sex	Specimen ID	Lab	Lab Name	Coll Date	Spec Type	Test Type	Result	Note
237480	Dunley, Rochelle L	08/09/1979	F	668958	Providence - Portland	01/16/2012	Stool	Culture		Positive	
337964	Kranick, Rodrick C	12/28/2004	M	669604	Providence - Portland	01/22/2012	Stool	Culture		Positive	
338194	Droneburg, Elise Ann	08/21/1952	F	670717	Providence - Medford Lab	01/23/2012	Stool	Culture		Positive	
340189	Huegel, Anthony R	06/20/1980	M	680723	Providence - Portland	02/12/2012	Stool	Culture		Positive	
341014	Dornfeld, Lindsay K	04/21/1940	F	683795	Providence - Portland	02/24/2012	Stool	Culture		Positive	

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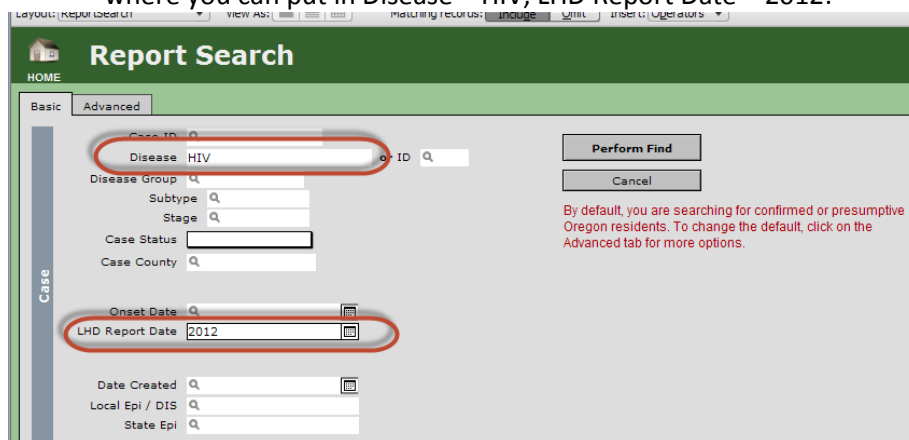
Note that other fields are displayed once you transfer to the case list.



Disease	Subtype	Status	Onset	Name	Age	Sex	County	EpiLink	Outbreak	CaseID	Active	Deleted	Created	Modified	Date Sent	Loc
Deceased	Enterobacter	C	01/13/12	Quistley, Rachelle L	78	F	Clatsop	SP		337480	<input type="checkbox"/>	<input type="checkbox"/>	01/13/12 14:28	06/25/12 12:22	01/19/12	Chi
Campy	jejuni	C	01/20/12	Krasnic, Rodrick C	5	M	Multnomah	SP		337964	<input type="checkbox"/>	<input type="checkbox"/>	01/24/12 15:52	06/25/12 13:23	01/24/12	Me
Campy	jejuni	C	01/21/12	Droneburg, Eliza Ann	58	F	Jackson	SP		338194	<input type="checkbox"/>	<input type="checkbox"/>	01/26/12 13:59	06/26/12 12:32	01/26/12	Al
Salmonella	Typhimurium	C	02/04/12	Huegel, Anthony R	30	M	Washington	SP		340189	<input type="checkbox"/>	<input type="checkbox"/>	02/16/12 15:02	06/25/12 13:28	02/16/12	Kar
Campy		C	02/22/12	Dornfeld, Lindsay K	70	F	Yamhill	SP		341014	<input type="checkbox"/>	<input type="checkbox"/>	02/27/12 14:29	06/25/12 12:33	02/27/12	Ra
Cryptosporidium		P	03/12/12	Mcquiston, Leanne L	39	F	Hood River	SP		343010	<input type="checkbox"/>	<input type="checkbox"/>	03/16/12 11:17	06/26/12 12:38	03/16/12	Sui
Campy		C	03/12/12	Chioma, Anna E	32	F	Multnomah	SP		343091	<input checked="" type="checkbox"/>	<input type="checkbox"/>	03/16/12 16:41	06/26/12 12:39	03/16/12	Me

Kim from Washington asked about the best way to query, say, HIV cases of a given County, .e.g, Washington County, that have not been interviewed in a given year, say LHD Report Date = 2012.

1. Use the Cases (de-Identified) search. This defaults to the Basic Tab, where you can put in Disease = HIV, LHD Report Date = 2012:



Report Search

HOME

Basic Advanced

Case ID:

Disease: ID:

Disease Group:

Subtype:

Stage:

Case Status:

Case County:

Onset Date:

LHD Report Date:

Date Created:

Local Epi / DIS:

State Epi:

Perform Find

Cancel

By default, you are searching for confirmed or presumptive Oregon residents. To change the default, click on the Advanced tab for more options.

2. Then go to the Advanced Tab and click the New Request Button

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- When in the New Request, check Interviewed checkbox and choose the Omit option (see below):

The screenshot shows the 'Report Search' interface with the following components and annotations:

- Top Bar:** Includes 'Find Requests', 'New Request', 'Delete Request', 'Perform Find', and 'Cancel Find' buttons. Below this is a 'Layout: ReportSearch' dropdown, 'View As:' icons, and 'Matching records: Include Omit Insert: Operators'.
- Annotations:**
 - 1. 1st click the New Request Button (points to the 'New Request' button).
 - 2. Then check the Interviewed Box (points to the 'Interviewed' checkbox in the 'Case Details' section).
 - 3. Then click on the Omit button (points to the 'Omit' button in the 'Matching records' section).
- Form Sections:**
 - Case:** Includes fields for Case ID, Disease, Disease Group, Subtype, Stage, Status, CDC Case Status, Onset Date, LHD Report Date, Date Assigned, Diagnosis, First Specimen, Local Epi / DIS, State Epi, Case County, Person County, State, Zip, HIV State, HIV County, HIV Date, AIDS State, AIDS County, AIDS Date, Occupation / Grade, Worksite, Age, Sex, Date Deceased, Is Deceased, Race, Hispanic, and Language.
 - Case Details:** Includes checkboxes for Pregnant, Hospitalized, Symptomatic, and Interviewed (checked), along with fields for EPI Link, Outbreak ID, and Comorb Count.
 - Medical Contact:** Includes fields for Provider Name, Code, and checkboxes for Lab and Hospital.
 - Enteric Lab:** Includes checkboxes for Xbal PHL, Blnl PHL, Xbal CDC, and Blnl CDC.

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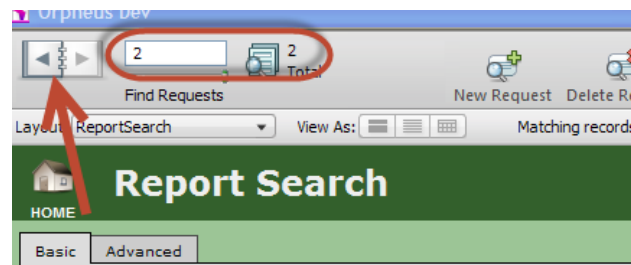
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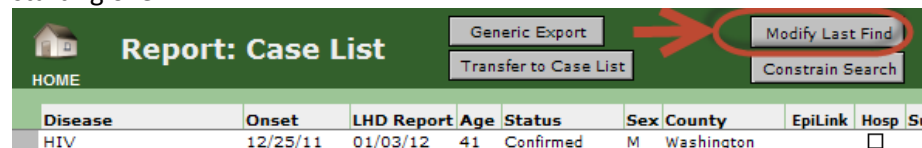
You can have multiple Omit requests, but be sure they are always at the last part of the query. In other words, put the things you DO want at the beginning of the search requests, and always OMIT the things you don't want at the end of the query.

Matt showed how to use the Duplicate Request button when searching >1 disease in a similar query, stacking the query with the diseases he's looking for up front, and omitting at the end of the request. **By duplicating the request, it's easy to change just one field once the request has been duplicated.**

Not that the requests can be paged through at the top of the screen see below.



Once you've performed your find and have gotten your found list, you can click on the Modify Last Find button to modify your last find instead of starting over.



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Matt reviewed Operators in searches.



- < less than
- ≤ less than or equal
- > greater than
- ≥ greater than or equal
- = exact match
- ... range
- ! duplicates
- // today's date
- ? invalid date or time
- @ one character
- # one digit
- * zero or more characters
- "" literal text
- ~ relaxed search
- == field content match

Google filemaker pro 12 search operators for more details



filemaker pro 12 search operators

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Jeff Capizzi asked about searching for exposures, such as a needle stick. For example, there's an Hepatitis C exposure question for health care worker. This question illustrates the importance of attempting to start at the table that holds the source data, in this case, risk data. We might be tempted to start with a case search and work our way to the exposure. A quick way to search is to start with the exposure answers. So, even though there are millions of exposure answers, it's still faster to begin the search in the exposure answers table.

From the Home Screen, go to Export | Exposure Search

Here is an exposure search for "Yes" answers to needle stick.

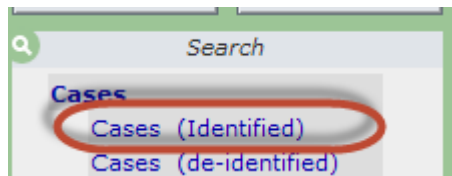
The screenshot displays the 'Exposure Search' interface. On the left, there are three main filter sections: 'Exposure', 'Case', and 'Person'. The 'Exposure' section includes fields for 'Question ID' (with a red circle around the input), 'Label' (set to 'needle stick'), 'Answer' (with 'Yes' selected and a red circle around the radio button), and 'Question Type' (with 'Risk' selected). The 'Case' section includes fields for 'Disease', 'Disease Group', 'Subtype', 'Stage', 'Status', 'Onset Date', 'LHD Report Date', 'Created', 'County', 'City', 'Zip', 'Sex', and 'Age (at Onset)'. The 'Person' section includes fields for 'DOB', 'Race', 'Hispanic', 'Language', and 'Deceased'. On the right side, there are buttons for 'Perform Find', 'Cancel', 'New Request', 'Duplicate Request', and 'Delete Request'. A checkbox for 'Confirmed & Presumptive' is also visible.

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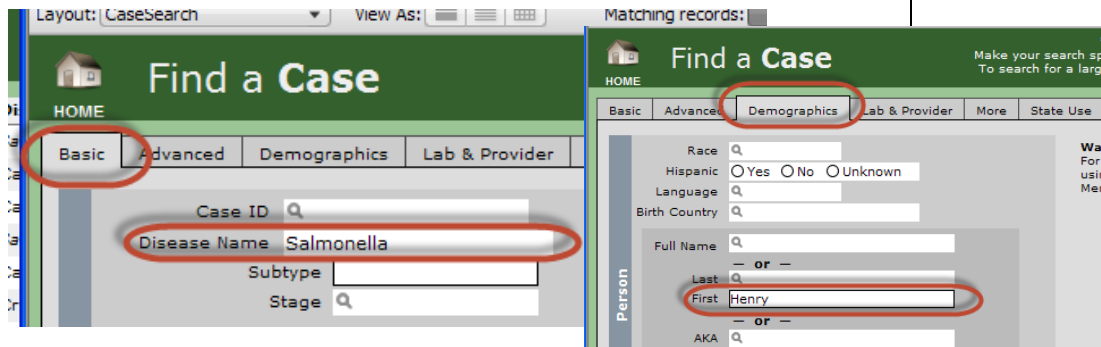
Roger Wirt asked if there was a way to write a detailed, Boolean, selections from interactive menus, or do you need to go into a script? Pretty much everything you can do in a script for detailed Boolean queries, you can do interactively “by example.”

How would you search for someone whose first name is Henry and does not live in Multnomah County, and does not have syphilis, but did have *Salmonella*?



This would take 3 easy search requests:
Use the Cases (identified Search)

1. On the Basics Tab, enter Salmonella; On the Demographics Tab, enter Henry as the first name

A screenshot of the 'Find a Case' search interface. The interface has a green header with the title 'Find a Case' and a 'HOME' button. Below the header are several tabs: 'Basic', 'Advanced', 'Demographics', 'Lab & Provider', 'More', and 'State Use'. The 'Basic' tab is selected and highlighted with a red oval. In the 'Basic' tab, there are input fields for 'Case ID', 'Disease Name' (with 'Salmonella' entered and highlighted by a red oval), 'Subtype', and 'Stage'. The 'Demographics' tab is also visible and highlighted with a red oval. In the 'Demographics' tab, there are input fields for 'Race', 'Hispanic', 'Language', 'Birth Country', 'Full Name', 'Last', 'First' (with 'Henry' entered and highlighted by a red oval), and 'AKA'. A 'Warning' message is visible on the right side of the 'Demographics' tab.

Matt to work with Roger 1:1 with regard to specific queries.

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2. Click on the new request button; Choose Multnomah, select Omit

Layout: CaseSearch View As: Matching records: Include Omit Insert: Operators

Find a Case

HOME CASE FINDER

Basic Advanced Demographics Lab & Provider More State Use Disease Specific

Case ID Disease Name Subtype Stage Case Status Case County Multnomah Onset Date LHD Report Date Date Created Local Epi / DIS State Epi City State Zip Age Sex O F O M

By default, you are searching for confirmed or presumptive Oregon residents. To change the default, click on the Advanced tab for more options.

Perform Find New Request Duplicate Request Delete Request Cancel

3. Duplicate request (to keep the Omit selected), remove Multnomah County from the County field, enter Syphilis in the Disease name (to Omit). Note that you now have 3 requests.

Layout: CaseSearch View As: Matching records: Include Omit Insert: Operators

Find a Case

HOME CASE FINDER

Basic Advanced Demographics Lab & Provider More State Use Disease Specific

Case ID Disease Name Syphilis Subtype Stage Case Status Case County Onset Date LHD Report Date Date Created Local Epi / DIS State Epi City State Zip Age Sex O F O M

By default, you are searching for confirmed or presumptive Oregon residents. To change the default, click on the Advanced tab for more options.

Perform Find New Request Duplicate Request Delete Request Cancel

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This query found one case in Orpheus Dev – Case ID 309749.

Jeff Capizzi inquired about quality assurance queries. Other than the QA reports that were built for count review purposes, Orpheus does not have extensive QA reporting; however for some disease, e.g., hepatitis C (chronic), there is the ability to use the cK (check) button to detect case-specific errors:

The screenshot displays the Orpheus Case Entry interface for a patient named Pam M Vanwechel. The form is titled 'Case Entry' and includes a 'Development Version' banner. The patient's details are as follows: DOB: 07/22/75, 29F, Wasco C Hepatitis C (past or present), Onset 5/17/06, SP ID 10197. The form is divided into several sections: Identifiers (Name: Pam M Vanwechel, Address: The Dalles, OR 97058, Mobile: 541-346-7292), Demographics (DOB: 7/22/1975, Age: 29 years, Sex: Female, Race: White), Hep Disease (HepC (chronic), Status: Confirmed), and Reason for testing (Symptoms of acute hepatitis, Screening of asym. w/o risk factors, Prenatal screening, Evaluation of elevated liver enzymes, Blood organ donor screening, F-up test for previous markers of hepatitis, Born during 1949 through 1965, Unknown, Other (specify below)). A red circle highlights the 'cK' button in the 'Reason for testing' section, with a red arrow pointing to it. The 'State Use' field is set to 'CDC Status Confirmed'.

4. Best Practices for Sorting in Orpheus – Matt Navarre

Try not to sort large data sets unless you have to. Unlike searching,

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Orpheus allows you to cancel the sort if it's taking too long.

5. Other Development updates – Matt Navarre

Dan has improved the Recent Tab on the home screen, which includes recently viewed cases, contacts, people, ELRs, providers, etc.; it also displays the table viewed and the disease, when applicable.

Table	County	Description	Disease	Last Viewed
Case	Vasco	Vanmichel, Pam M	HepC (chronic)	29[F] 5 minutes ago
Case	lane	Gerla, Henry E	Salmonella	41[M] 49 minutes ago
Case	Multnomah	Adragna, Ricky	HIV	23[M] Yesterday
Case	Washington	Furrow, Ezra M	HIV	41[M] Yesterday
Case	Multnomah	Nowinski, Roman A	HIV	51[M] Yesterday
Case	Multnomah	Skotnicki, Bertram J	HIV	30[M] Yesterday
Case	Washington	Gillmer, Blake	HIV	41[M] Yesterday
Case	Jackson	Steinkirchner, Dirk	HIV	55[M] Yesterday
Case	Multnomah	Meisenburg, Geraldo A	HIV	60[M] Yesterday
Case	Jackson	Kanable, Janell Romero	HIV	57[M] Yesterday
Contact	Marion	Pierson, Myrtle	7/8/1967	40[F] Yesterday
Person	Multnomah	Duwe, Quincy	3/24/1982	32[M] Yesterday
Case	Multnomah	Duwe, Quincy	HUS	32[M] Yesterday
Case	Multnomah	Duwe, Quincy	E. coli (STEC)	26[M] Yesterday
Case	Multnomah	Robben, Mika	H. flu	.95[M] Yesterday
ELR	Multnomah	Jones, Jeremy J	Pertussis	[M] 8 days ago
Contact				[] 14 days ago
Contact				[] 14 days ago

6. Matt moved all the list options of a found set to a drop down menu for ease of use.

Address List Export Address Show Labels PRINT

Choose: Address

Alt Case List Export: Ad Hoc Deceased NETSS PRINT

Choose: Alternate

Disease Subtype Name Age Sex County Occupation DOB Status EIP ID Pre

Users to explore the list options in the drop down menu; let State know if you have needs for another list with other fields.

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	Different fields appear depending on the list you choose. Currently, 11 different lists are available.				
7.	Training webinars have been happening on the first week of the month. A STD-focused training is coming up on July 23 rd .	Let June know of your training needs.			
	<div>Topic of the Month</div> <table><tr><td>Future Meetings (1:30 – 3pm)</td></tr><tr><td>July 10, 2014</td></tr><tr><td>August 14, 2014</td></tr></table>	Future Meetings (1:30 – 3pm)	July 10, 2014	August 14, 2014	
Future Meetings (1:30 – 3pm)					
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