

# Orpheus User Feedback Meeting

**Date:** April 12<sup>th</sup>

**Time:** 1:30-2:30    **Place:** PSOB AOC

**Purpose:** To share new features, user issues and gather feedback on development priorities for Orpheus, Outbreaks and Case log applications

**Outcome:** Users are kept informed about development projects and their needs are identified and prioritized.

**ALL DATA FROM SCREEN SHOTS SHOWN IN THESE MINUTES ARE FAKE**

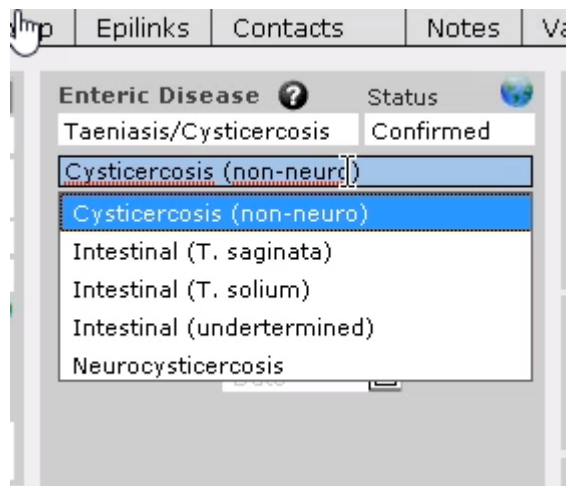
Counties: Baker; **Benton** (Gerald, Mary); **Clackamas** (Carolee); **Clatsop** (Chel, Robyn); Columbia (); Coos (); **Crook** (Anita, Karen); Curry (); **Deschutes** (Debbie, Jill); Douglas (); Grant; Harney (); Hood-River; Jackson (); **Jefferson** (Joy); **Josephine** (Cat); **Klamath** (Sharon); Lake; **Lane** (Alice, Carolina, Heather, Sidney, Michelle, Phebe, Cindy); Lincoln (); **Linn** (Debby); **Malheur** (Rebecca); **Marion** (Dana, Dawn); Morrow (); **Multnomah** (Nicole, Joanie, Marta, Brittany, Taylor); **NCPHD** (Jeremy); Polk (); **Tillamook** (Christina); Umatilla (); Union; Wallowa; Warm Springs (); **Washington** ( Sue, Kathleen, Jennifer, Ivette); Wheeler; **Yamhill** (Kara, Dominique); **YellowHawk** (Misty)

State: Nasreen, Shannon, Kiley, Cedric, June, Dat, Ryan, Dave, Renee, Bele, Tila, Julie, Lexie, Maureen, Michelle, Missy, Tasha, Melissa, Lisa, Tom, Irina

AGENDA / BACKGROUND	Presenter(s)	Time
Introductions -- 5 min  Electronic Laboratory Reporting – Michelle – 5 min No significant ELR updates. Couple things have come up. We appreciate users reporting issues to us. Some labs are sending serology for conditions we have not previously seen ( <i>Chlamydia</i> ). These are not reportable. Started coming through, intentionally being sent but not reportable. No other updates  New Orpheus beta screens rolling out: TB, Enteric, Animal bites, Animal rabies – 5 min New screens being rolled out with the beta button, will retain for the remainder of your sessions. Next week move Enterics to the Royal Orpheus, the others after the next time. IN addition to TB there are beta buttons for Vaccine Preventable and Hepatitis, coming up in the Interface replacement after next.  Taeniasis Case Investigation and reporting – Dat – 10 min		You will notice new screens moving to the Royal Orpheus themes in the next few interface replacements. These are scheduled for 4:45 every other Thursday.

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Recent media request for number of neurocysticercosis cases in Oregon. This was hard due to how data are being collected. There is a subtype in Orpheus. Please complete the sub type field. Two types of intestinal infections with adult tape worm. The other is the larval form. Adult tape worm can occur with many species. If it is just an intestinal infection please chose the species. If the larval form and developing cysticercosis, this can occur in the muscles or in the brain. Please chose the appropriate option. If cysts in the brain please chose neurocysticercosis. Please complete the clinical fields based on chart review if you are unable to interview the case.



The screenshot shows a software interface with a dropdown menu for 'Enteric Disease'. The menu is open, showing several options. The top option is 'Cysticercosis (non-neuro)', which is highlighted in blue. Below it are 'Intestinal (T. saginata)', 'Intestinal (T. solium)', 'Intestinal (undertermined)', and 'Neurocysticercosis'. The status of the entry is 'Confirmed'.

Enteric Disease	Status
Taeniasis/Cysticercosis	Confirmed
Cysticercosis (non-neuro)	
Intestinal (T. saginata)	
Intestinal (T. solium)	
Intestinal (undertermined)	
Neurocysticercosis	

How many cases in Oregon – 11 total cases since 2000. These data are available online in the annual report. The 2016 report was just published.

<http://www.oregon.gov/oha/PH/DISEASES/CONDITIONS/COMMUNICABLEDISEASE/DISEASESURVEILLANCEDATA/ANNUALREPORTS/Pages/arpt.aspx>

Please enter the type of taeniasis in the subsubtype field below the disease name.

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Selected low incidence disease case counts by year, Oregon, 2007–2016

Disease	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Babesiosis	0	0	1	0	1	0	0	1	4	2
Botulism	1	2	0	1	3	6	4	1	3	3
Brucellosis	2	1	3	1	1	0	2	1	0	1
Chikungunya	0	0	0	0	0	0	0	7	5	1
Cyclosporiasis	0	0	0	0	0	1	0	1	0	1
Dengue fever	4	6	4	8	2	4	4	6	5	8
Ehrlichiosis	1	1	3	0	6	0	1	0	1	3
Hantavirus pulmonary	1	0	2	3	2	2	1	1	0	1
Leprosy	0	1	2	0	0	0	0	0	0	0
Leptospirosis	0	1	0	0	1	0	0	2	0	2
Measles	2	1	0	0	3	1	6	5	2	0
Plague	0	0	0	2	1	2	0	0	2	0
Q fever	2	1	4	3	1	4	3	9	2	4
Relapsing fever	0	4	3	0	0	3	1	4	3	3
Rocky Mtn spotted fever	2	3	0	1	0	1	2	2	5	6
Rubella	0	0	0	0	0	0	1	0	0	0
Scrombroid	0	0	0	0	0	0	1	0	4	5
Taeniasis	3	11	49	3	5	5	2	3	4	3
Tularemia	3	4	1	3	5	0	3	4	0	0

\*Data as of 10/09/2017

Since 2010 there were 11 cases of neurocysticercosis – the above chart reflects both neurological and intestinal.

Web-based case log data entry– Stephen – 15 min

Stephen in Atlanta, Tom demoed the new web based system. New tool to have someone at the long term care or institution can enter the data themselves. Someone at the state needs to create this

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for you. This generates an email with a link, the outbreak ID and a password to use to login. You can only get into case logs you have access to. Remember to click the save button when you are done for the day. IF you are totally complete the user should click submit.

Please fill out the online case log using this link:

<https://epiweb.oha.state.or.us/fmi/webd/CaseLogOnline?homeurl=http://www.healthoregon.org/diseasereporting>

Outbreak ID: 1900-2428

Password: hcvdwav

Be sure to click the 'Save' button and log out when you're done. When you're completely done entering interviews, click the 'Submit to Public Health' button. T

You copy the outbreak ID and Password into the online login information



## Case Log Online

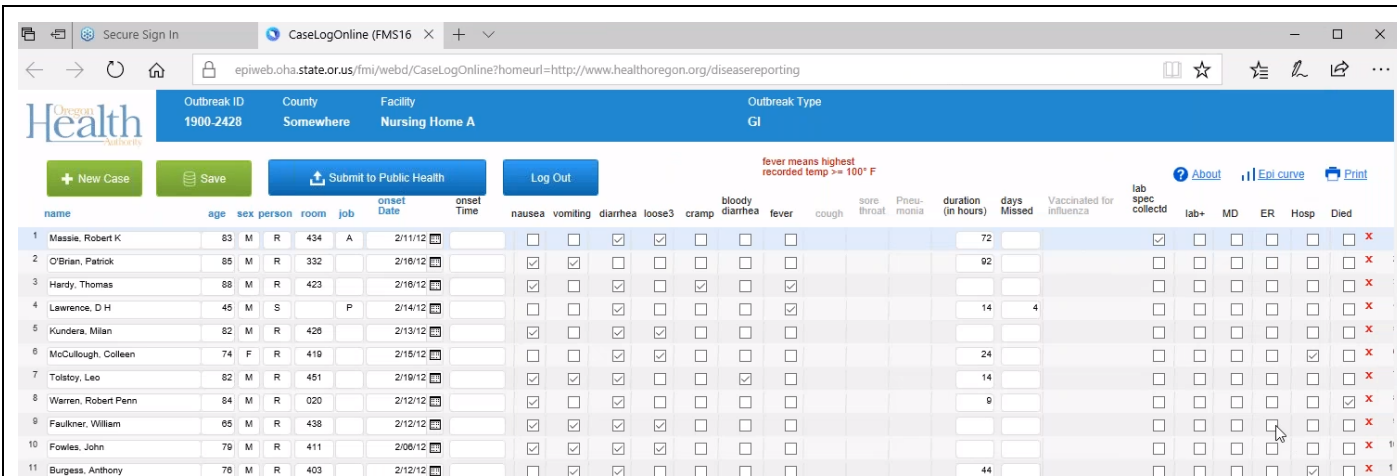
Outbreak ID

Password

OK

Cancel

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The screenshot shows the CaseLogOnline web application interface. The browser address bar displays the URL: [epiweb.oha.state.or.us/fmi/webd/CaseLogOnline?homeurl=http://www.healthoregon.org/diseasereporting](http://www.healthoregon.org/diseasereporting). The application header includes the Oregon Health Division logo and navigation buttons: "New Case", "Save", "Submit to Public Health", and "Log Out". The main content area displays a table of patient cases with the following columns: name, age, sex, person, room, job, onset Date, onset Time, nausea, vomiting, diarrhea, loose3, cramp, bloody diarrhea, fever, cough, sore throat, Pneu-monia, duration (in hours), days Missed, Vaccinated for influenza, lab spec collectd, lab+, MD, ER, Hosp, and Died. A red note above the table states: "fever means highest recorded temp >= 100° F".

name	age	sex	person	room	job	onset Date	onset Time	nausea	vomiting	diarrhea	loose3	cramp	bloody diarrhea	fever	cough	sore throat	Pneu-monia	duration (in hours)	days Missed	Vaccinated for influenza	lab spec collectd	lab+	MD	ER	Hosp	Died
1 Massie, Robert K	83	M	R	434	A	2/11/12				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					72		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2 O'Brian, Patrick	85	M	R	332		2/16/12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					92		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3 Hardy, Thomas	88	M	R	423		2/16/12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4 Lawrence, D H	45	M	S		P	2/14/12		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					14	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5 Kundera, Milan	82	M	R	428		2/13/12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6 McCullough, Colleen	74	F	R	419		2/15/12		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					24		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7 Tolstoy, Leo	82	M	R	451		2/19/12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					14		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8 Warren, Robert Penn	84	M	R	020		2/12/12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					9		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9 Faulkner, William	85	M	R	438		2/12/12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10 Fowles, John	79	M	R	411		2/06/12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11 Burgess, Anthony	78	M	R	403		2/12/12		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					44		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Currently there are all the symptoms for GI and respiratory. The eventual plan is to split these out. Click new case when the user wants to enter one. Mimics the existing case log. Remember to click Save when done. You can log out and log back in. Names are encrypted – secured online. When totally done, the record will be locked for online editing. You will be able to edit the case log in the outbreak database. Currently you need to contact someone at the state to import the data and create the email link. One note, if you have already entered cases in the DUDE case log, it gives you an option to delete the existing case or add to them. However, if you then edit the online version things get out of sync. This would require some data issues. We can work with you, we can import the online case as many times as you like but we would need to delete ones that were manually enter or else end up deleting some. Facilities are often making daily updates. We can work with counties to update as often as would like but it is easier to use one or the other.

Have had a few counties pilot and we appreciate it. If you are interested let us know when you have an institutional based outbreak and you can pilot it. Eventually this will be all done at the county level. Give it a try!

## Verifying Race and ethnicity from ELR to person record – Tasha – 5 min

When you create a case from an ELR where the race data are known, when you are interviewing a case do you verify the data on the ELR report? If it says unknown on the ELR do users ask during investigations. Most users reported not confirming the race.

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## **Orpheus Race data – REAL-D categories – June – 5 min**

This is an Oregon Health Authority initiative to capture better race data, would like more granularity on race, disability and language fields. Since we are moving to the new Orpheus Royal layouts, we would like to begin incorporating these fields. From meetings, many of these questions are customized for in-person interviews versus over the phone. The OHA team are working on developing trainings on how to capture this. We are figuring out the best way to have these fields added. We do have a language drop down. We realize this will add time to the interview the cases, and that training will be required. We realize that collection of the data will be more challenging than building the fields in Orpheus. We welcome feedback on this. It is something we are required to do as a program in OHA. There will be more discussions in the coming months.

For a list of these new fields and questions visit

<http://www.oregon.gov/oha/OEI/Documents/REALD%20demographic%20form--English.pdf>

Michelle went back to 2010 Orpheus data– 11% of persons were missing race

Of record with race- 24 % unknown was race

For those conditions that required investigation – 20 % missing race, 20% unknown.

Looking at race data from 2015 to today- all records 10% missing race, 23% unknown, of those requiring investigation 20% missing, 18% unknown.

From raw ELR data – looking at mapping and whether race data were being ignored. Now that we are mapping race data across to Orpheus.

June sent out a doodle poll about adding new fields to Orpheus and some of these fields will be discussed. If you are interested in this call please email June. Homeless is also another field that will be discussed.

These updates and fields will also result in updates to our forms. Leslie Byster is working on updating the template that might even be more mobile device friendly for smaller screens. This is a transitional time for us to add these new fields and we determined it was a good time with moving to the Royal Orpheus themes. If you have additional thoughts or concerns please email June.

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## Contact duplicator – what fields to duplicate? June – 5 min

Currently we can duplicate contacts across diseases and among household cases. STD contacts, VPD contacts, Generic Contacts. What fields should be duplicated when you duplicate a contact? Education provided is one that could be used, might not want to duplicate prophylaxis recommended for meningitis for example. This is an upcoming feature that will be worked on by our developer.

Is there a way to duplicate address on a household contact? If they are HH contacts, duplicate the address and phone number. If you want to think about it – send June an email. Irina and June will be meeting with Dave, the AppWorks developer. On the exposure tab, there is no place to indicate that the contact was interviewed. Occupation, treatments (all) – useful to the LHDs working up the case.

The screenshot shows a software interface with several tabs: 'Exposure', 'Description', 'Labs', 'Treatment/Prophylaxis', 'Cases', and 'Interviews'. A dropdown menu is open for the 'Interview Type' field, listing the following options: 'Not Indicated', 'Unable to Reach', 'Out of jurisdiction', 'Deceased', and 'Refused'. Below this, there are checkboxes for 'High Risk' and 'Sick'. A red text overlay with a white outline and drop shadow reads 'no where to enter that you were successful'.

Had the STD syphilis time capsule webinar last month. We did record it if users are interested in an uncut version. This will also be presented at OR-Epi. STD are also arranging additional

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trainings. Contact Irina. The new module will go live May 11. May training will be Emilio DeBess on animal bites, Rabies, Lyme, West Nile, and Coccidioidomycosis.

Other trainings – Microbial stewardship.

The new triennial review tool – are folks interested in a training. We will be working to update the reports in Orpheus. It will go to publications then to the County Administrators. Tasha will be creating a data dictionary, the fields that are being used. We will use the conditional formatting of required fields will be updated so folks know. Yes, folks are interested in a training webinar – yes, there is interest.



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Orpheus Dev (FMS16 - WTOHAFMSL01)

File Edit View Insert Format Records Scripts Tools Window Help

Records: 75 / 18375 Found (Unsorted)

Layout: ContactEntry View As: [Icons] Preview

## Contact Detail

HOME

**Identifiers** Person

Deiner, Wavid

Relation to case

STD Disposition

Dispo Date  Done

Interviewer/Epi  
County Multnomah ContactID 360457

Transfer Status Date

**Address** Type + Address

Unkown  
Hood River OR  
Hood River

**Phone Numbers**

Type	Number
Home	123-456-7890

Contact's Person ID 563125

Interviewer

Related Case 515204

Disease Group Syphilis

Disease 700 Syphilis

Stage of OP

**Demographics**

DOB 8/15/1970

Age 47 Marital

Sex  F  M  U

Sex at Birth  F  M  U

Gender

Language Spoken Language

Country County of Birth

Deceased  Yes  No  Unk

Date

**Hispanic**

No

White

Black

Asian

Pacific Is.

AI/AN

Unknown

Refused

Other

Subrace

← →

Exposure	Description	Labs	Treatment/Prophy	Cases	Immy	Transfer	Notes	TB	Letters
Date Partner Named	Contact	Referral	<input type="radio"/> Patient <input type="radio"/> Provider						
	Not Yet		<input type="checkbox"/> Positive Lab Test						
Interview Type									
<b>Exposure</b>									
First	Freq	Last	Place / Setting / Location						
History of Previous Disease <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown									
<input type="checkbox"/> High Risk									
<input type="checkbox"/> Sick									

Training topics (first Wednesdays 10:30-11:30) – 5 min  
 April – STD/Syphilis  
 May – Animal bites/rabies/Lyme/West Nile

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Other topics – Antimicrobial stewardship, TB	
<b>Future Meetings</b> <b>May 10<sup>th</sup> 1:30-2:30</b> <b>June 14<sup>th</sup> 1:30-2:30</b>	

Below are the links to register for both the Monthly Ad Hoc Training webinars (first Wednesdays 10:30-11:30) and the Monthly User group meeting (second Thursdays 1:30-2:30). If you register once and select recurring you should be registered for all and get friendly email reminders. Ideal audio is using your computer with a head set and microphone, you can also call in with the phone, the webinar will give you an audio pin to enter. Please us this so that I can unmute you if there is a question. Using the computer audio prevents folks from putting us on hold. It also allows me to record the session.

Please send me your ideas for topics to cover in the Wednesday training webinars and I will arrange for the appropriate person to facilitate. Always looking for topics of interest!

Please register for **Orpheus User Group** on Jan 11, 2018 1:30 PM PST at:

<https://attendee.gotowebinar.com/register/1808031810977905155>

Purpose: To share new features, user issues and gather feedback on development priorities for Orpheus, Outbreaks and Case log applications

Outcome: Users are kept informed about development projects and their needs are identified and prioritized.

Please register for **Orpheus DUDE Training webinar** on Feb 07, 2018 10:30 AM PST at:

<https://attendee.gotowebinar.com/register/518194720433964547>

Monthly focused training webinar - Various Topics