Use of an Online Tool for Public Health Reporting and Outbreak Investigation

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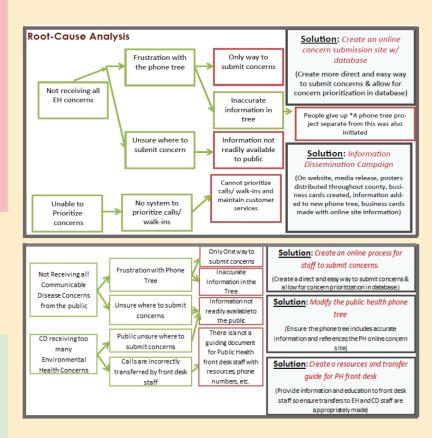


Why was the site created?

- Not receiving all Environmental
 Health Concerns
- 2 Not receiving all Communicable Disease concerns
- **3** Unable to prioritize concerns
- 4 Concerns / calls being forwarded to the wrong program



- Online concern submission site
- 2 External information dissemination campaign
- 3 Internal communication



2 Website

www.deschutes.org/ healthconcern



Home Public Safety Health & Family Property & Development Permits & Licenses Government Departments

Report a public health concern

Health Services Home

Public Health

- + Clinics and Services
- + Diseases and Conditions
- Food, Water, Housing, Restaurants

Drinking Water

+ Environmental Health

Food Handler Certification Program

Public Facilities

+ Public Pools

Report a health concern

- + Restaurant Plan Review
- Restaurant Inspection Scores
- + Resource Guide
- Tourist Facilities
- Records and Regulations
 Birth and Death Certificates

Animal Bite Reporting

Domestic Livestock

Tobacco Policies and Laws

- + Staying Healthy Prevention
- + For Providers and Partners
- + Maternal Child Health

Tuberculosis (TB) Control Program

Behavioral Health

 Intellectual/Developmental Disabilities Program

Health Statistics and Information

Document Central

Health Services Locations

Report a public health concern!

If you have a Public Health concern that you would like to inform us about, please choose from the following options:

Animal Bites

Please Contact Animal Control Immediately. The Phone Number is (541) 693-6911. For additional information about Animal Bites, please cilck here. If you are a health care provider, please print and fax the following form.



Mold, Bed Bugs, Disease, Pool/Spa, Hotel/Motel, Other

Deschutes County Health Services does not investigate the presence of moid and certain other concerns. All reports are reviewed by qualified Public Health Staff and investigated as appropriate. A follow up call may or may not be deemed necessary.



Foodborne Illness or Restaurant Complaint

Search

Deschutes County Health Services will review the report, follow-up, and conduct an investigation as deemed appropriate. All reports are reviewed by qualified Public Health Staff.

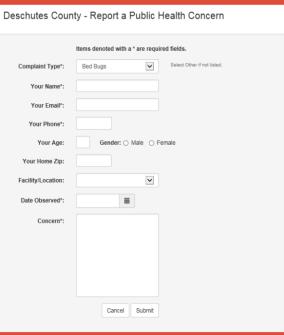
Report Issue »

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Web Links

3 How are concerns submitted?

FIII in information to submit concern



Thank you, information on processing, and link to more information on selected topic

Thank you for submitting a public health complaint.

All reports are reviewed by qualified Public Health Staff and investigated as appropriate. A follow up call may or may not be deemed necessary.

Additional information about bed bugs can be found here:

http://www.deschutes.org/health/page/bed-bugs

Done

4 How does the process work?









An email is automatically sent to the staff person identified as the "point of contact" for the type of concern.

Ex: An email is send to the CD staff contact if "Disease" is selected.

Staff person opens email, which contains a link.

> Staff person clicks the link to view the submission in the database.

Staff member responds to concern based on urgency and concern type.

Once a concern has been fully addressed, the entry is given a completion date

Data is reviewed regularly, and a dashboard report is generated quarterly to review trends

Title

Bed Bugs - Test ###

Restaurant Complaint -

Restaurant Complaint -

Restaurant Complaint -

Restaurant Complaint -

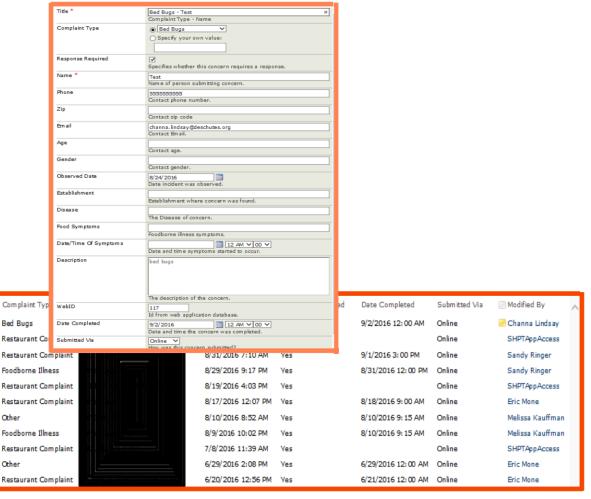
Foodborne Illness 4

Restaurant Complaint -!

Restaurant Complaint

Foodborne Illness -

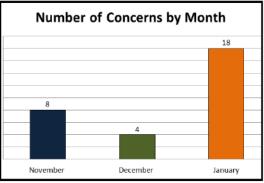
5 How does the process work?

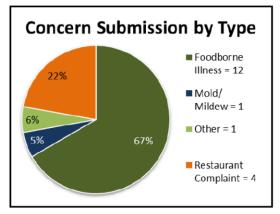


6 Example dashboard



Online Reporting Dashboard: January 2016





Items to note:

- In total 50 concerns have been submitted to the online reporting site since it's launch, all related to environmental health.
 - 80% of concerns submitted in January were closed by the end of the month.
 - The average time to close a concern in January is approximately 1 day.
 - Only one concern submitted before January, 2016 remains unclosed.
 - Annual and monthly baselines have yet to be determined, and will become more apparent over time.

Please visit: www.deschutes.org/healthconcern to submit your public health concern

2/9/2016 Page 1/1

7 Website Promotion

- June 12th 2015: Launched website
- September & October 2015: Distributed EH/CD Public Health resource list to Public Health front desk staff.
- July through December, 2015: Disseminated information via media release, social media, business cards, and posters at DCHS and external locations
- December 2015: Modified DCHS Public Health phone tree to better direct clients, include information about the online concern site, and relay accurate information.



Want to report a public health concern?



Example:

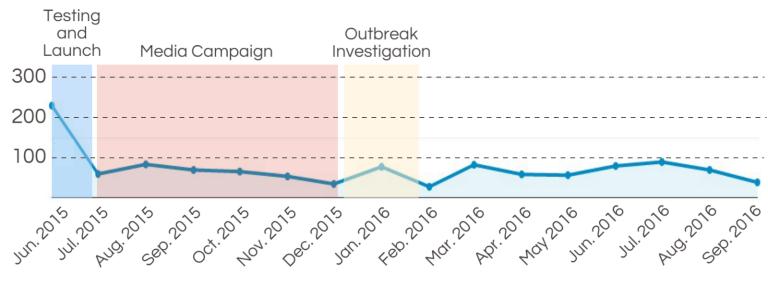
- Report the meal that made you sick
- Reveal unsanitary restaurant conditions
- Report concerns about bedbuas
- Ask questions about infectious diseases

www.deschutes.org/healthconcern

8 Website use: 6/2015 - 9/2016

1,168 Total number of page views892 Total number of unique page views

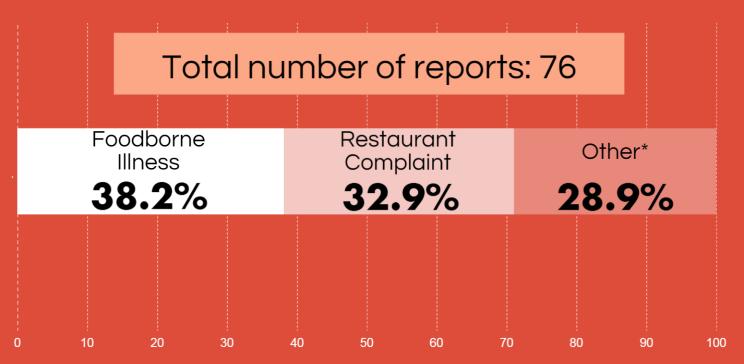
Number of Monthly Page Views, June 2015-September 2016



Month



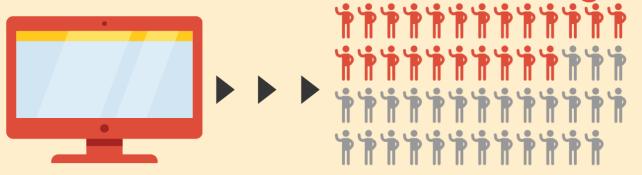
9 Types of reports: 9/2015 - 8/2016



Percent of total reports

* "Other" category includes: bed bugs, mold/mildew, pool/spa facility, water problem, disease, and "other."

Gastroenteritis Strikes Central Oregon



On 1/11/16:

Received multiple online reports of gastroenteritis symptoms all from the same facility.

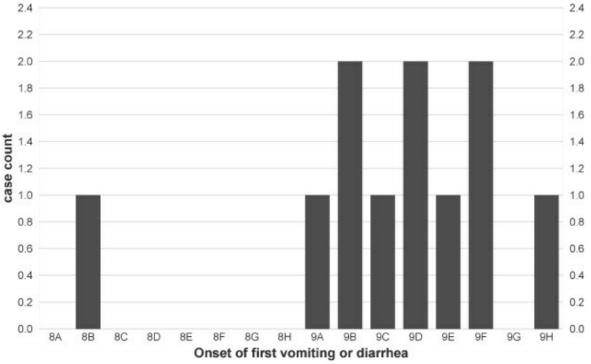
 Determined all attended the same holiday party Able to quickly identify an outbreak was unfolding.

- 51 attendees
- 23 reported illnesses
- 7 stool samples collected (6 positive for norovirus, including 1 food handler employee)



Gastroenteritis Strikes Central Oregon





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Gastroenteritis Strikes Central Oregon



Only 1 CD staff person working the investigation.



Worked with party organizer to send a reporting site link to party attendees.

Received 14 responses through the website



Decreased incoming phone calls and streamlined investigation response.







May customize and use for future outbreaks:

Large exposure (measles outbreak)

THANK YOU



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Jenny Faith: Jennifer.Faith@deschutes.org

Visit our online reporting site at: www.deschutes.org/healthconcern