
From: Stanbury, Martha (DHHS)
Sent: Tuesday, December 15, 2015 4:31 PM
To: Scott, Robert L. (DHHS)
Cc: Maqsood, Junaid (DHHS)
Subject: FW: Tom Talbot's Geographic Masking Tool

Let's discuss tomorrow.

From: Maqsood, Junaid (DHHS)
Sent: Tuesday, December 15, 2015 4:25 PM
To: Cameron, Lorraine (DHHS) <cameronl@michigan.gov>; Largo, Thomas W. (DHHS) <largot@michigan.gov>
Cc: Roos, Jillian (DHHS) <RoosJ@michigan.gov>; Stanbury, Martha (DHHS) <stanburym@michigan.gov>
Subject: RE: Tom Talbot's Geographic Masking Tool

Thanks Tom. What you're saying makes a lot of sense. From the map, it seems like GCHD wants to highlight the number of cases with BLL between 5 and 9 ug/dL (inclusive) and those with BLL 10 ug/dL or greater. This would be difficult to portray in a single choropleth map. I'm not entirely sure what message GCHD wants to get across with the map but two choropleth maps would be a simpler solution to randomizing the points across the city of Flint.

From: Cameron, Lorraine (DHHS)
Sent: Tuesday, December 15, 2015 1:35 PM
To: Largo, Thomas W. (DHHS) <largot@michigan.gov>; Maqsood, Junaid (DHHS) <MaqsoodJ@michigan.gov>
Cc: Roos, Jillian (DHHS) <RoosJ@michigan.gov>; Stanbury, Martha (DHHS) <stanburym@michigan.gov>
Subject: RE: Tom Talbot's Geographic Masking Tool

Thanks Tom

From: Largo, Thomas W. (DHHS)
Sent: Tuesday, December 15, 2015 1:34 PM
To: Cameron, Lorraine (DHHS) <cameronl@michigan.gov>; Maqsood, Junaid (DHHS) <MaqsoodJ@michigan.gov>
Cc: Roos, Jillian (DHHS) <RoosJ@michigan.gov>; Stanbury, Martha (DHHS) <stanburym@michigan.gov>
Subject: RE: Tom Talbot's Geographic Masking Tool

This portion of what's written under "Geographic Aggregation Tool" - join neighboring geographic areas together until a user defined population and/or number of cases is reached – is what I was getting at during our meeting this morning. That is, you expand a geographic area until a certain minimal number of cases are contained, then indicate the number of cases within that section (or have a variety of ranges of cases and create a choropleth map).

From: Cameron, Lorraine (DHHS)
Sent: Tuesday, December 15, 2015 11:12 AM
To: Maqsood, Junaid (DHHS) <MaqsoodJ@michigan.gov>
Cc: Roos, Jillian (DHHS) <RoosJ@michigan.gov>; Largo, Thomas W. (DHHS) <largot@michigan.gov>; Stanbury, Martha (DHHS) <stanburym@michigan.gov>
Subject: Tom Talbot's Geographic Masking Tool

<http://www.albany.edu/faculty/ttalbot/>

Hi Junaid,

I can't locate my copy of Tom's tools that he handed out at CSTE a few years back, but they are described at his web page under "Geographic Aggregation and Masking Tools" . I was thinking the GAT would be useful for the lead data, and it looks like there is both R and SAS code.

Hope this is helpful.

Lorri

PS if you can't download them from his website I bet they are in the Tracking website.