
From: Marc Edwards <edwardsm@vt.edu>
Sent: Tuesday, September 08, 2015 5:39 PM
To: Scott, Robert L. (DCH)
Subject: RE: Repeat of 2006 study request, but for Flint and Genesee County and Detroit zip codes, from January 1 2011 to present.
Attachments: DCH-1294 Data Use and Non-Disclosure Agreement 5-2015.doc; 94 DC_Water_Lead_Edwards_2009.pdf; Rapid Proposal Final.pdf

Here you go.

Best Regards,
Marc

From: Scott, Robert L. (DCH) [<mailto:ScottR9@michigan.gov>]
Sent: Tuesday, September 08, 2015 7:55 AM
To: Marc Edwards
Subject: RE: Repeat of 2006 study request, but for Flint and Genesee County and Detroit zip codes, from January 1 2011 to present.

Yes, sorry for the delay; I'll get you a more complete answer later today.

From: Marc Edwards [<mailto:edwardsm@vt.edu>]
Sent: Monday, September 07, 2015 11:40 AM
To: Scott, Robert L. (DCH) <ScottR9@michigan.gov>
Subject: FW: Repeat of 2006 study request, but for Flint and Genesee County and Detroit zip codes, from January 1 2011 to present.

Robert,

Can you confirm that you received the e-mail below, with the request for blood lead data on Flint?

Marc

From: Marc Edwards [<mailto:edwardsm@vt.edu>]
Sent: Wednesday, September 2, 2015 8:36 PM
To: 'scottrob@michigan.gov' <scottrob@michigan.gov>
Subject: Repeat of 2006 study request, but for Flint and Genesee County and Detroit zip codes, from January 1 2011 to present.

Hi Robert,

I would like to repeat the study I did below, but updated for Flint Michigan, Genesee Country Michigan, and Detroit. What I need is blood lead data from all Flint zip codes, Genesee County zip codes and Detroit zip codes from 2011 to present. Please do not identify the records by name, but have an ID code for each individual that can be sorted, along with the date of the measurement, blood lead result, zip code in which the child resides, and child's birth date so I can determine the age of the subject.

The intervention of interest, is the change from Detroit water to Flint River water, in Flint Michigan. Genesee County and Detroit serve as control data sets.

If it can be provided in a format that can be read into EXCEL, that would be best.

Let me know if you need a new signed data sharing agreement, or whether our agreement from 2006 is still ok.

Best Regards,
Marc Edwards

Date: Fri, 17 Nov 2006 15:41:55 -0500
To: "Robert L. Scott" <scottrob@michigan.gov>
From: Marc Edwards <edwardism@vt.edu>
Subject: Proposal and signed data agreement

Robert,

Attached is my signed agreement. My proposal is to do a study of potential benefits resulting from a community intervention in Lansing, MI.

Specifically, last year Lansing distributed drinking water filters and sent out enhanced flushing instructions to mitigate levels of lead in drinking water in homes with lead pipes. I am trying to determine whether this intervention had any discernable benefit on blood lead levels in the population.

To conduct this statistical test, I would like the following fields extracted from your database:

- 1) City of Lansing blood lead values, draw dates, and subject ID number from January 1 2001 to present. If you do not have accessible data starting in 2001, then go back as far as you can (e.g., 2002).
- 2) The same data for Ingham County (which I assume includes Lansing). If it is possible to get all data from within Ingham County but excluding Lansing that would be ideal. But I could presumably delete the duplicate data between set 1 and set 2 by hand if necessary.
- 3) The same data for the city of Detroit MI.

The statistical comparison will examine 1) temporal changes in % elevated blood lead for Lansing before and after the intervention, and 2) cross comparisons in trends between Lansing (with intervention) and Detroit and Ingham County (without intervention).

This is a fairly straightforward test that I suspect will confirm that no significant change arose due to the intervention in Lansing, consistent with water as a minor contributor to blood lead in Lansing.

If you should have additional questions please e-mail me at this address or call me at 540 231-7236,

Regards,
Marc Edwards