

**Scott, Robert L. (DHHS)**

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**From:** Scott, Robert L. (DCH)  
**Sent:** Tuesday, September 08, 2015 4:19 PM  
**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.  
**Attachments:** DCH-1294 Data Use and Non-Disclosure Agreement 5-2015.doc

Marc,

Sorry I'm slow to get back to you. Yes, I think this sounds great. There has been some concern about the water source change in Flint, and in fact we had a call about it today. Yes, this will need a new data sharing agreement. Please fill out the attached and send back to me, leaving it as a Word document without signature. I'll run it past Legal, and they'll no doubt ask for a couple of changes.

Thanks,  
 Bob

Robert L. Scott  
 Childhood Lead Poisoning Prevention Program  
 Michigan Department of Health & Human Services  
 (517) 335-8178  
 fax (517) 335-8509

**From:** Marc Edwards [mailto:edwardsm@vt.edu]  
**Sent:** Wednesday, September 02, 2015 8:36 PM  
**To:** Scott, Robert L. (DCH) <ScottR9@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 <edwardsm@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

At 03:14 PM 11/17/2006, Robert L. Scott wrote:  
Thanks for the info. Please see attached. Just a reminder that a "proposal" is also required. It need not be particularly long or formal, but should indicate clearly the data requested, and what you intend to do with it.