
From: Wells, Eden (DHHS)
Sent: Thursday, December 03, 2015 3:35 PM
To: Mona Hanna-Attisha
Cc: Lasher, GERALYN (DHHS); Eisner, Jennifer (DHHS)
Subject: Re: Summary Data

Hi there ,

I always include water in seasonality issues---agree!. I just did with media just now. Please know that this is a public report being used that is high level--there are surveillance reports we are maintaining by zip and many other factors-we already know about the high risk zip codes, so this report doesn't capture them (but we are tracking them!!! and know where the levels are---)--we can share that with you but was too complicated for public when compiled for a public use report. We were asked to keep it simple. We definitely have zipode level!

Deduplicated by highest level in calendar year.

We know that this may not reflect water--although anecdotally picking up a few children without filters). But, this reporting will be going on long-term--I am telling media that I am primarily interested in what happens in third quarter of every year as well, as Q4 and Q1 will be low due to seasonality.

Can talk by phone if you wish--

From: Mona Hanna-Attisha <MHanna1@hurleymc.com>
Sent: Thursday, December 3, 2015 3:05 PM
To: Lasher, GERALYN (DHHS)
Cc: Wells, Eden (DHHS)
Subject: RE: Summary Data

Eden,

A few questions/comments as I begin to process this info:

1. Of course, because the half life of blood lead is only 20-30 days, blood lead testing done from october on does not accurately reflect the exposure that occurred from the onset of water switch. Very few people based on the media/health advisories were drinking the water and many many more people were being tested as in the past - thus a smaller percentage.
2. So Flint children were determined by their zip code? Was this data geocoded? Neither zip code, nor city of Flint in the address, correlates with flint water.
3. Any chance you also looked more in depth at the two higher risk zip codes (48503 and 48504)?

4. In terms of the first bullet, "people only counted once who had multiple lead levels" - did you use "first time lead" level of a child or "highest" lead" done on a child? As before, just because a child may have a non-elevated first lead does not mean that subsequent lead levels will be non-elevated
5. Lastly, 2014 and 2015 Q3 is concerning and it's unfortunate that the press release statement regarding seasonal variation did not mention the seasonality of lead in water which is well documented and which most likely led to those higher peaks. "Seasonal variation is the result of a number of factors including increased exposure to lead in dust and soil in the summer months."

I'm sure I'll have more questions later. thanks!

Mona Hanna-Attisha MD MPH
 Director, Pediatric Residency Program
 Hurley Children's Hospital at Hurley Medical Center
 Assistant Professor, Department of Pediatrics and Human Development
 Michigan State University College of Human Medicine
mhanna1@hurleymc.com

TUESDAY, DECEMBER 1, 2015

<https://secure.hurleyfoundation.org/>

From: Lasher, GERALYN (DHHS) [lasherG@michigan.gov]
Sent: Thursday, December 03, 2015 2:01 PM
To: Mona Hanna-Attisha
Cc: Wells, Eden (DHHS)
Subject: Summary Data

This afternoon at 2:30 p.m., the Michigan Department of Health and Human Services will issue the attached press release and summary report detailing the latest data on blood lead levels in Flint.

We wanted to ensure that you also received this information in advance of the press release being issued.

The summary report provides annual historical information on children younger than six years, children between the ages of six and seventeen years and adults tested for lead. It also provides detail on the number of test results for these category groups that have tested above five micrograms per deciliter. The summary report also provides information on the numbers tested and with elevated blood lead levels since the MDHHS Action Plan began in October.

The preliminary data indicates that 30 of 1,361 adults and children tested in Flint since October 1 had elevated blood lead levels.

Thank you,
 GERALYN

Geralyn Anne Lasher
 Senior Deputy Director for External Relations and Communications
 Michigan Department of Health and Human Services
 201 Townsend Street, Capitol View Building
 Lansing Michigan 48913
 P: (517) 241-2112
 C: PPI
LasherG@michigan.gov
 @glasher