



# Michigan Department of Health and Human Services (MDHHS)

## Blood Lead Level Test Results for Flint Zip Codes 48501-48507

### Genesee County, and the State of Michigan

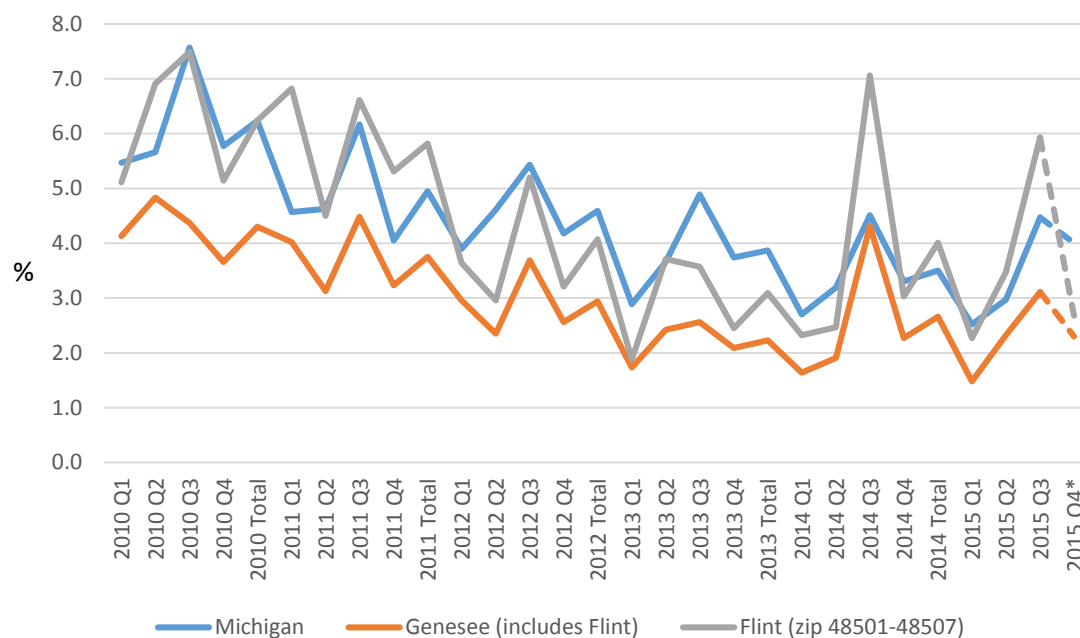
### Summary as of November 13, 2015

#### Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 1,361 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 21 children with blood lead levels greater than or equal to 5µg/dL (micrograms per deciliter) since 10/1/2015.
- Three percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.

Incidence of elevated blood lead  $\geq 5$  mcg/dl among children  $< 6$  years of age by quarter, 2010- 2015



Deduplicated by year, retains test during the time period.

\*Data for Q4 2015 are incomplete

\* Data for Quarter 4 of 2015 are incomplete and subject to change

|                                                                                          | Children younger than 6 Years Old |                |                   | Children 6 to 17 Years Old |                |                   |
|------------------------------------------------------------------------------------------|-----------------------------------|----------------|-------------------|----------------------------|----------------|-------------------|
|                                                                                          | Michigan                          | Genesee County | Flint 48501-48507 | Michigan                   | Genesee County | Flint 48501-48507 |
| <b>Total tested for lead 1/1/2010 to 12/31/2010:</b>                                     | 152,608                           | 6,932          | 3,560             | 17,963                     | 867            | 463               |
| <b>Number of test results <math>\geq 5\mu\text{g/dL}</math> 1/1/2010 to 12/31/10:</b>    | 9,509                             | 298            | 222               | 907                        | 25             | 20                |
| <b>Total tested for lead from 1/1/2011 to 12/31/2011:</b>                                | 149,420                           | 6,667          | 3,093             | 15,725                     | 1,038          | 544               |
| <b>Number of test results <math>\geq 5\mu\text{g/dL}</math> 1/1/2011 to 12/31/11:</b>    | 7,392                             | 250            | 180               | 651                        | 20             | 15                |
| <b>Total tested for lead 1/1/2012 to 12/31/2012:</b>                                     | 146,142                           | 7,008          | 3,112             | 15,460                     | 1,386          | 630               |
| <b>Number of test results <math>\geq 5\mu\text{g/dL}</math> 1/1/2012 to 12/31/12:</b>    | 6,704                             | 206            | 127               | 478                        | 17             | 12                |
| <b>Total tested for lead 1/1/2013 to 12/31/2013:</b>                                     | 145,813                           | 6,986          | 3,077             | 13,897                     | 1,241          | 566               |
| <b>Number of test results <math>\geq 5\mu\text{g/dL}</math> 1/1/2013 to 12/31/13:</b>    | 5,647                             | 156            | 95                | 342                        | 9              | 4                 |
| <b>Total tested for lead 1/1/2014 to 12/31/2014:</b>                                     | 141,355                           | 6,690          | 3,045             | 12,936                     | 913            | 428               |
| <b>Number of test results <math>\geq 5\mu\text{g/dL}</math> 1/1/2014 to 12/31/14:</b>    | 4,948                             | 178            | 122               | 386                        | 6              | 5                 |
| <b>Total tested for lead 1/1/2015 to 11/13/2015:</b>                                     | 120,699                           | 5,778          | 2,704             | 10,841                     | 1,197          | 765               |
| <b>Number of test results <math>\geq 5\mu\text{g/dL}</math> 1/1/2015 to 11/13/2015:</b>  | 4,200                             | 149            | 101               | 309                        | 10             | 8                 |
| <b>Total tested for lead 10/1/2015 to 11/13/2015:</b>                                    | 14,593                            | 957            | 560               | 1,412                      | 502            | 409               |
| <b>Number of test results <math>\geq 5\mu\text{g/dL}</math> 10/1/2015 to 11/13/2015:</b> | 583                               | 22             | 15                | 38                         | 6              | 6                 |

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|                                                                           | Adults 18 Years and Older |                |                   | Total Number of People of All Ages Tested |                |                   |
|---------------------------------------------------------------------------|---------------------------|----------------|-------------------|-------------------------------------------|----------------|-------------------|
|                                                                           | Michigan                  | Genesee County | Flint 48501-48507 | Michigan                                  | Genesee County | Flint 48501-48507 |
| Total tested for lead<br>1/1/2010 to 12/31/2010:                          | 13,853                    | 602            | 195               | 184,424                                   | 8,401          | 4,218             |
| Number of test results $\geq 5\mu\text{g/dL}$<br>1/1/2010 to 12/31/10:    | 1,462                     | 42             | 18                | 11,878                                    | 365            | 260               |
| Total tested for lead<br>1/1/2011 to 12/31/2011:                          | 13,259                    | 542            | 139               | 178,404                                   | 8,247          | 2,726             |
| Number of test results $\geq 5\mu\text{g/dL}$<br>1/1/2011 to 12/31/11:    | 1,369                     | 44             | 16                | 9,412                                     | 314            | 211               |
| Total tested for lead<br>1/1/2012 to 12/31/2012:                          | 13,059                    | 556            | 155               | 174,661                                   | 8,950          | 3,907             |
| Number of test results $\geq 5\mu\text{g/dL}$<br>1/1/2012 to 12/31/12:    | 1,415                     | 33             | 11                | 8,597                                     | 256            | 150               |
| Total tested for lead<br>1/1/2013 to 12/31/2013:                          | 12,199                    | 498            | 136               | 171,909                                   | 8,725          | 3,779             |
| Number of test results $\geq 5\mu\text{g/dL}$<br>1/1/2013 to 12/31/13:    | 1,499                     | 54             | 16                | 7,488                                     | 219            | 115               |
| Total tested for lead<br>1/1/2014 to 12/31/2014:                          | 12,684                    | 441            | 112               | 166,975                                   | 8,044          | 3,585             |
| Number of test results $\geq 5\mu\text{g/dL}$<br>1/1/2014 to 12/31/14:    | 1,422                     | 44             | 12                | 6,756                                     | 228            | 139               |
| Total tested for lead<br>1/1/2015 to 11/13/2015:                          | 11,685                    | 860            | 526               | 143,225                                   | 7,835          | 3,995             |
| Number of test results $\geq 5\mu\text{g/dL}$<br>1/1/2015 to 11/13/2015:  | 1,195                     | 30             | 15                | 5,704                                     | 204            | 124               |
| Total tested for lead<br>10/1/2015 to 11/13/2015:                         | 1,615                     | 483            | 392               | 17,620                                    | 1,942          | 1,361             |
| Number of test results $\geq 5\mu\text{g/dL}$<br>10/1/2015 to 11/13/2015: | 160                       | 11             | 9                 | 781                                       | 44             | 30                |

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