



Preliminary 3-Month Average Lead Concentrations, June 2016-July 2017, micrograms per cubic meter (µg/m³)

Updated 10/11/2017

Site numbers correspond to map legend.

Blue highlight indicates non-ambient sites, i.e., sites within a facility fence line.
 Yellow highlight indicates exceedance of the NAAQS (3-month average greater than 0.15 µg/m³).

Samples are collected for 24 hours every sixth day except as noted below.
 EPA's Air Quality System (AQS) does not have a report that will calculate and provide three-month rolling averages for each month.
 The values in this table are calculated from data reported to AQS by the department. These values may differ slightly from subsequent AQS averages if reports of averages become available or from design values (maximum 3-month average in a 3-year period).

State Sites

Area/Site	Jun-Aug 2016	Jul-Sep 2016	Aug-Oct 2016	Sep-Nov 2016	Oct-Dec 2016	Nov-Jan 2016-17	Dec-Feb 2016-17	Jan-Mar 2017	Feb-Apr 2017	Mar-May 2017	Apr-Jun 2017	May-Jul 2017
Forest City Area												
1. Exide Levee	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01
St. Louis Area												
2. Blair St.*	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	*
Herculaneum Area												
3. Pevely North	0.01	0.01	0.01	0.01	0.01	0.01						
4. Pevely	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
5. Sherman [^]	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03
6. Dunklin High School [^]	0.04	0.04	0.04	0.05	0.05	0.04	0.02	0.01	0.02	0.03	0.04	0.04
7. Mott St. ^{^^}	0.06	0.07	0.08	0.07	0.07	0.12	0.14	0.12	0.10	0.07	0.06	0.06
8. Ursuline North	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.01
Old Lead Belt Area												
9. St. Joe State Park ^{***}	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.02	0.03	0.01	0.02	0.03
New Lead Belt Area												
10. Glover	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.02
11. Buick Northeast	0.18	0.06	0.04	0.08	0.08	0.08	0.03	0.03	0.04	0.10	0.09	0.13
12. Oates	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.01	0.02
13. Bills Creek	0.01	0.01	0.01	0.01	0.01	0.01						
14. Fletcher ^{**}	0.01	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01

*Blair St. measures PM10 lead by a federal equivalent method as part of the NATTS program. Analysis results are sometimes received later than from other sites.

[^]Sherman and Dunklin High School sites sample every 3 days. St. Joe State Park site sampled every 3 days through March 2016, then every six days. Averages include all samples.

^{^^}Mott St. site samples every day. Averages include all samples.

^{***}St. Joe State Park collected valid samples on only 2 days out of 5 scheduled in October 2016 and Fletcher collected valid sample on only 1 day out of 5 scheduled in March 2017.

Preliminary 3-month averages above (shown in blue) are therefore based on incomplete data. AQS will calculate final 3-month averages using substitution of earlier data; results may be slightly different.

Doe Run Operated Sites

Area/Site	Jun-Aug 2016	Jul-Sep 2016	Aug-Oct 2016	Sep-Nov 2016	Oct-Dec 2016	Nov-Jan 2016-17	Dec-Feb 2016-17	Jan-Mar 2017	Feb-Apr 2017	Mar-May 2017	Apr-Jun 2017	May-Jul 2017
Herculaneum Area												
15. Sherman	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.01	0.01	0.02	0.02	0.02
16. Dunklin High School*	0.04	0.04	0.04	0.04	0.05	0.04	0.03	0.02	0.02	0.05	0.08	0.09
17. City Hall (Mott St.) ^{**}	0.07	0.08	0.10	0.08	0.11	0.12	0.14	0.11	0.10	0.07	0.07	0.06
18. N. Cross ^{**}	0.06	0.07	0.08	0.06	0.05	0.05	0.09	0.09	0.08	0.04	0.04	0.04
19. Church St. (non-ambient)	0.05	0.03	0.03	0.05	0.04	0.06	0.06	0.06	0.05	0.03	0.03	0.06
New Lead Belt Area												
20. Glover Post Office (non-ambient)	0.01	0.01	0.01	0.07	0.07	0.08	0.02	0.02	0.02	0.04	0.03	0.03
21. Glover Big Creek (non-ambient)	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.02	0.09	0.10	0.09	0.02
22. Buick Northeast ^{**}	0.16	0.05	0.04	0.09	0.09	0.09	0.04	0.04	0.05	0.10	0.10	0.12
23. Buick N (non-ambient)	0.11	0.10	0.07	0.11	0.14	0.12	0.15	0.18	0.37	0.29	0.26	0.11
24. Buick S (non-ambient)	0.06	0.05	0.06	0.12	0.17	0.16	0.24	0.33	0.35	0.23	0.12	0.19

*Doe Run Dunklin High School site samples every 3 days. Averages include all samples.

^{**}Doe Run City Hall (Mott St.) site samples every day. Doe Run N. Cross site samples every day starting 2/11/2017. Doe Run Buick Northeast site samples every day starting 6/1/2017. Averages include all samples.