

Result Summary for Public Schools

As of May 1, 2023, MDE has received and verified a total of 68,457 first-draw samples from 1,000 public schools in 24 public school systems. Of these schools, there were 532 (53.2%) schools with first-draw lead sample results exceeding 20 ppb (i.e., previous Action Level effective through May 31, 2021) and there were 806 (80.6%) schools with first-draw lead sample results exceeding 5 ppb (i.e., current Action Level effective June 1, 2021).

Of the 68,457 first-draw samples, 3,382 (4.94%) sample results exceeded 20 ppb: 1,732 (2.53%) were from drinking water outlets (i.e., consumption outlets), 1,649 (2.41%) were from non-consumption outlets, and 1 (0.001%) was from outlets with unknown use (i.e., a use determination could not yet be made).

Of the 68,457 first-draw samples, 11,098 (16.21%) sample results exceeded 5 ppb: 7,332 (10.71%) were from drinking water outlets (i.e., consumption outlets), 3,764 (5.5%) were from non-consumption outlets, and 2 (0.003%) were from outlets with unknown use (i.e., a use determination could not yet be made).

Test Results* for Public Schools Received and Verified as of May 1, 2023: Overall													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non- Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	20	1777	696	1081	0	68	13	55	0	283	84	199	0
Anne Arundel	102	8035	4316	3717	2	453	183	269	1	1196	512	682	2
Baltimore City	22	857	441	416	0	15	1	14	0	84	43	41	0
Baltimore County	159	9957	7514	2443	0	674	506	168	0	2999	2270	729	0
Calvert	12	984	984	0	0	1	1	0	0	22	22	0	0
Caroline	6	156	156	0	0	0	0	0	0	1	1	0	0
Carroll	3	74	74	0	0	2	2	0	0	24	24	0	0
Cecil	21	2219	412	1807	0	243	25	218	0	522	50	472	0
Charles	29	1687	1504	183	0	74	57	17	0	298	251	47	0
Dorchester	9	139	137	2	0	2	2	0	0	10	10	0	0
Frederick	60	2511	2510	1	0	185	184	1	0	420	419	1	0
Garrett	12	409	409	0	0	24	24	0	0	88	88	0	0
Harford	38	5831	4310	1521	0	601	55	546	0	1364	645	719	0
Howard	63	5563	5468	95	0	169	141	28	0	517	465	52	0
Kent	6	178	178	0	0	0	0	0	0	3	3	0	0
Montgomery	209	17047	16985	62	0	247	247	0	0	1466	1465	1	0
Prince George's	120	2726	2642	84	0	66	66	0	0	275	268	7	0
Queen Anne's	13	705	491	214	0	59	32	27	0	157	103	54	0
St. Mary's	12	2228	2097	131	0	146	67	79	0	334	220	114	0
Somerset	6	223	198	25	0	18	18	0	0	44	41	3	0
Talbot	7	200	172	28	0	1	1	0	0	9	6	3	0
Washington	41	3321	1074	2247	0	133	20	113	0	461	75	386	0
Wicomico	20	957	901	56	0	72	63	9	0	201	180	21	0
Worcester	10	673	256	417	0	129	24	105	0	320	87	233	0
Total	1000	68457	53925	14530	2	3382	1732	1649	1	11098	7332	3764	2

* All Samples are first-draw

** Number zero (0) indicates data is absent or incomplete

Test Results* for Public Schools Received and Verified as of May 1, 2023: 2017-2018 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non- Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	0												
Anne Arundel	31	3785	1216	2567	2	273	58	214	1	691	166	523	2
Baltimore City	5	477	63	414	0	14	0	14	0	42	1	41	0
Baltimore County	0												
Calvert	8	480	480	0	0	1	1	0	0	8	8	0	0
Caroline	0												
Carroll	0												
Cecil	0												
Charles	0												
Dorchester	0												
Frederick	0												
Garrett	12	409	409	0	0	24	24	0	0	88	88	0	0
Harford	12	666	566	100	0	13	7	6	0	68	43	25	0
Howard	0												
Kent	6	84	84	0	0	0	0	0	0	1	1	0	0
Montgomery	206	13224	13224	0	0	228	228	0	0	1337	1337	0	0
Prince George's	0												
Queen Anne's	8	310	96	214	0	32	5	27	0	70	16	54	0
St. Mary's	12	1622	1496	126	0	144	65	79	0	306	193	113	0
Somerset	0												
Talbot	0												
Washington	39	3038	823	2215	0	120	7	113	0	421	35	386	0
Wicomico	13	494	462	32	0	23	20	3	0	64	57	7	0
Worcester	0												
Total	352	24589	18919	5668	2	872	415	456	1	3096	1945	1149	2

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Test Results* for Public Schools Received and Verified as of May 1, 2023: 2018-2019 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non- Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	0												
Anne Arundel	15	1681	532	1149	0	69	14	55	0	193	34	159	0
Baltimore City	0												
Baltimore County	153	6586	4148	2438	0	363	199	164	0	1693	969	724	0
Calvert	10	308	308	0	0	0	0	0	0	10	10	0	0
Caroline	6	156	156	0	0	0	0	0	0	1	1	0	0
Carroll	0												
Cecil	21	2175	395	1780	0	233	21	212	0	497	42	455	0
Charles	27	1610	1430	180	0	73	56	17	0	288	241	47	0
Dorchester	9	139	137	2	0	2	2	0	0	10	10	0	0
Frederick	53	1446	1445	1	0	98	97	1	0	248	247	1	0
Garrett	0												
Harford	37	5165	3744	1421	0	588	48	540	0	1296	602	694	0
Howard	52	3580	3517	63	0	118	93	25	0	351	309	42	0
Kent	0												
Montgomery	0												
Prince George's	120	2726	2642	84	0	66	66	0	0	275	268	7	0
Queen Anne's	0												
St. Mary's	0												
Somerset	6	223	198	25	0	18	18	0	0	44	41	3	0
Talbot	7	35	22	13	0	0	0	0	0	3	0	3	0
Washington	1	43	11	32	0	0	0	0	0	0	0	0	0
Wicomico	13	411	390	21	0	47	41	6	0	119	107	12	0
Worcester	10	673	256	417	0	129	24	105	0	320	87	233	0
Total	540	26957	19331	7626	0	1804	679	1125	0	5348	2968	2380	0

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Test Results* for Public Schools Received and Verified as of May 1, 2023: 2019-2020 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non- Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	20	1777	696	1081	0	68	13	55	0	283	84	199	0
Anne Arundel	52	836	835	1	0	41	41	0	0	98	98	0	0
Baltimore City	0												
Baltimore County	135	1177	1177	0	0	145	145	0	0	453	453	0	0
Calvert	1	89	89	0	0	0	0	0	0	0	0	0	0
Caroline	0												
Carroll	3	74	74	0	0	2	2	0	0	24	24	0	0
Cecil	13	40	13	27	0	10	4	6	0	24	7	17	0
Charles	0												
Dorchester	0												
Frederick	0												
Garrett	0												
Harford	0												
Howard	21	986	955	31	0	35	32	3	0	102	93	9	0
Kent	0												
Montgomery	81	3422	3422	0	0	15	15	0	0	80	80	0	0
Prince George's	0												
Queen Anne's	0												
St. Mary's	0												
Somerset	0												
Talbot	7	165	150	15	0	1	1	0	0	6	6	0	0
Washington	0												
Wicomico	11	51	48	3	0	2	2	0	0	18	16	2	0
Worcester	0												
Total	344	8617	7459	1158	0	319	255	64	0	1088	861	227	0

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Test Results* for Public Schools Received and Verified as of May 1, 2023: 2020-2021 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non- Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	0												
Anne Arundel	0												
Baltimore City	0												
Baltimore County	0												
Calvert	6	107	107	0	0	0	0	0	0	4	4	0	0
Caroline	0												
Carroll	0												
Cecil	2	3	3	0	0	0	0	0	0	1	1	0	0
Charles	2	47	44	3	0	0	0	0	0	4	4	0	0
Dorchester	0												
Frederick	1	150	150	0	0	67	67	0	0	84	84	0	0
Garrett	0												
Harford	0												
Howard	2	22	21	1	0	0	0	0	0	2	1	1	0
Kent	0												
Montgomery	0												
Prince George's	0												
Queen Anne's	0												
St. Mary's	0												
Somerset	0												
Talbot	0												
Washington	0												
Wicomico	1	1	1	0	0	0	0	0	0	0	0	0	0
Worcester	0												
Total	14	330	326	4	0	67	67	0	0	95	94	1	0

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Test Results* for Public Schools Received and Verified as of May 1, 2023: 2021-2022 School Year													
County	# Schools** Completing Testing	Total # Samples	# Samples From Drinking Water Outlets	# Samples From Non- Consumption Outlets	# Samples With Unknown Use	Previous Action Level of 20 ppb (effective through May 31, 2021)				Current Action Level of 5 ppb (effective on June 1, 2021)			
						Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use	Total # Elevated Samples	# Elevated Samples From Drinking Outlets	# Elevated Samples From Non- Consumption Outlets	# Elevated Samples With Unknown Use
Allegany	0												
Anne Arundel	64	1733	1733	0	0	70	70	0	0	214	214	0	0
Baltimore City	21	380	378	2	0	1	1	0	0	42	42	0	0
Baltimore County	92	2194	2189	5	0	166	162	4	0	853	848	5	0
Calvert	0												
Caroline	0												
Carroll	0												
Cecil	1	1	1	0	0	0	0	0	0	0	0	0	0
Charles	4	30	30	0	0	1	1	0	0	6	6	0	0
Dorchester	0												
Frederick	57	915	915	0	0	20	20	0	0	88	88	0	0
Garrett	0												
Harford	0												
Howard	23	975	975	0	0	16	16	0	0	62	62	0	0
Kent	5	94	94	0	0	0	0	0	0	2	2	0	0
Montgomery	37	401	339	62	0	4	4	0	0	49	48	1	0
Prince George's	0												
Queen Anne's	13	395	395	0	0	27	27	0	0	87	87	0	0
St. Mary's	11	606	601	5	0	2	2	0	0	28	27	1	0
Somerset	0												
Talbot	0												
Washington	15	240	240	0	0	13	13	0	0	40	40	0	0
Wicomico	0												
Worcester	0												
Total	343	7964	7890	74	0	320	316	4	0	1471	1464	7	0

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