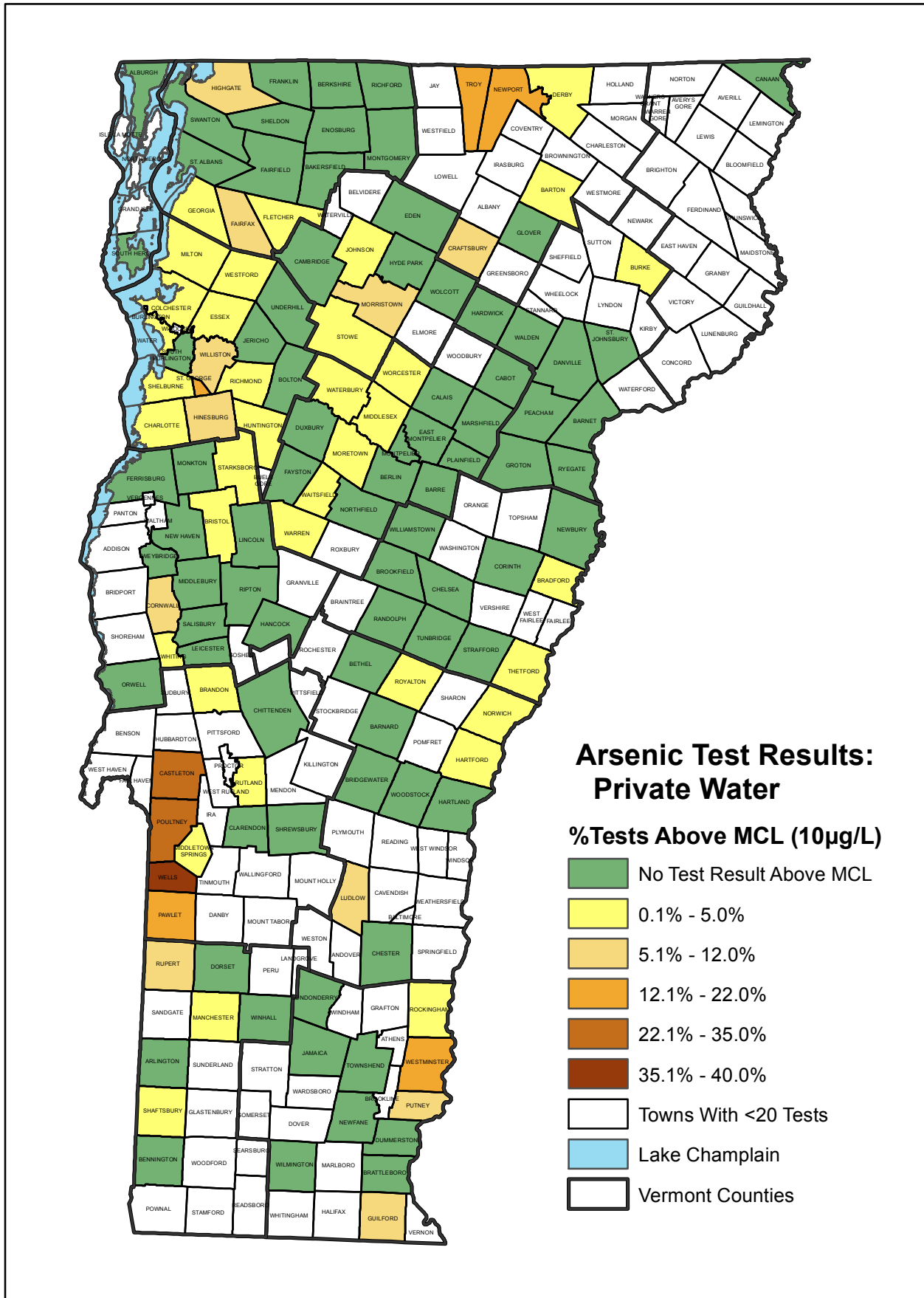


Arsenic in Private Water by Town: Percent of Tests Above the MCL (Maximum Contaminant Level = 10 µg/L)



Arsenic Private Water Test Result Summary

Maximum Contaminant Level (MCL) = 10 µg/L

Data Sources: Vermont Department of Health Laboratory 2003-2016, Vermont Geological Survey 2002-2014



Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Arsenic in Micrograms per Liter (µg/L)						
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum
ALBURGH	43	0.0	0.5	0.2	2.0	*	*	*	*
ARLINGTON	37	0.0	0.5	0.2	2.0	*	*	*	*
BAKERSFIELD	23	0.0	0.7	0.6	3.0	2.0	*	*	*
BARNARD	20	0.0	0.6	0.3	2.0	1.3	*	*	*
BARNET	32	0.0	0.5	0.1	1.0	*	*	*	*
BARRE (City&Town)	93	0.0	0.7	0.8	7.0	*	*	*	*
BARTON	26	3.8	1.1	2.5	13.0	3.0	*	*	*
BENNINGTON	74	0.0	0.6	0.5	3.0	2.0	*	*	*
BERKSHIRE	27	0.0	0.6	0.3	2.0	1.0	*	*	*
BERLIN	50	0.0	0.6	0.4	3.0	1.0	*	*	*
BETHEL	46	0.0	0.7	1.2	8.0	*	*	*	*
BOLTON	24	0.0	0.6	0.2	1.0	1.0	*	*	*
BRADFORD	25	4.0	2.1	5.1	24.0	9.0	*	*	*
BRANDON	30	3.3	1.2	3.0	17.0	2.0	*	*	*
BRATTLEBORO	51	0.0	0.7	0.7	5.0	2.0	*	*	*
BRIDGEWATER	26	0.0	0.8	1.1	6.0	1.0	*	*	*
BRISTOL	82	4.9	2.1	6.6	35.0	7.0	*	*	*
BROOKFIELD	20	0.0	*	0.0	*	*	*	*	*
BURKE	33	3.0	1.4	3.6	19.0	10.0	*	*	*
BURLINGTON	57	3.5	1.7	5.1	36.0	6.0	*	*	*
CABOT	34	0.0	0.5	0.1	1.0	1.0	*	*	*
CALAIS	61	0.0	0.5	0.1	1.0	*	*	*	*
CAMBRIDGE	114	0.0	0.8	1.0	8.0	3.0	*	*	*
CANAAN	30	0.0	1.5	1.5	6.0	5.0	*	*	*
CASTLETON	97	30.9	9.0	12.8	87.0	33.0	3.9	*	*
CHARLOTTE	314	1.6	1.7	3.5	48.0	6.0	*	*	*
CHELSEA	22	0.0	*	0.0	*	*	*	*	*
CHESTER	23	0.0	0.8	1.0	5.0	2.0	*	*	*
CHITTENDEN	32	0.0	*	0.0	*	*	*	*	*
CLARENDON	25	0.0	0.9	1.9	10.0	1.0	*	*	*
COLCHESTER	129	1.6	2.6	12.2	100.0	4.0	*	*	*
CORINTH	24	0.0	*	0.0	*	*	*	*	*
CORNWALL	72	5.6	2.2	5.7	41.0	14.0	*	*	*
CRAFTSBURY	49	8.2	3.2	7.0	32.0	22.0	1.0	*	*
DANVILLE	45	0.0	0.5	0.1	1.0	*	*	*	*
DERBY	50	2.0	2.0	4.1	26.0	8.0	*	*	*
DORSET	40	0.0	0.9	1.3	7.0	3.5	*	*	*
DUMMERSTON	39	0.0	0.8	0.9	5.0	3.0	*	*	*
DUXBURY	40	0.0	0.5	0.1	1.0	0.8	*	*	*
EAST MONTPELIER	73	0.0	0.6	0.2	2.0	1.0	*	*	*
EDEN	22	0.0	1.6	2.2	9.0	6.0	*	*	*
ENOSBURG	52	0.0	0.9	1.0	5.0	4.0	*	*	*
ESSEX	172	4.7	2.1	4.9	47.0	10.0	*	*	*
FAIRFAX	161	10.6	4.6	14.1	104.0	16.0	*	*	*
FAIRFIELD	40	0.0	0.9	1.1	5.0	4.0	*	*	*
FAYSTON	31	0.0	0.6	0.4	2.0	2.0	*	*	*
FERRISBURG	129	0.0	1.1	1.4	8.0	5.0	*	*	*
FLETCHER	26	3.8	1.3	3.3	17.0	3.0	*	*	*
FRANKLIN	29	0.0	0.8	0.6	3.0	2.0	*	*	*
GEORGIA	104	1.0	1.3	2.0	12.0	5.0	*	*	*
GLOVER	27	0.0	0.6	0.7	4.0	*	*	*	*
GROTON	25	0.0	0.6	0.3	2.0	*	*	*	*
GUILFORD	40	7.5	5.9	26.5	167.0	20.0	*	*	*
HANCOCK	51	0.0	0.9	1.1	5.0	4.0	*	*	*
HARDWICK	35	0.0	0.7	0.9	6.0	1.0	*	*	*
HARTFORD	80	1.3	0.8	1.6	13.0	1.0	*	*	*
HARTLAND	34	0.0	0.5	0.3	2.0	*	*	*	*
HIGHGATE	71	7.0	2.3	4.0	20.0	13.0	1.0	*	0.2
HINESBURG	247	5.7	2.9	5.7	57.0	13.0	1.0	*	*

Arsenic Private Water Test Result Summary

Maximum Contaminant Level (MCL) = 10 µg/L

Data Sources: Vermont Department of Health Laboratory 2003-2016, Vermont Geological Survey 2002-2014



Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Arsenic in Micrograms per Liter (µg/L)						
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum
HUNTINGTON	127	0.8	0.9	1.5	12.0	4.0	*	*	*
HYDE PARK	36	0.0	0.7	0.5	3.0	2.0	*	*	*
JAMAICA	43	0.0	*	0.0	*	*	*	*	*
JERICO	190	0.0	0.8	0.9	8.0	2.0	*	*	*
JOHNSON	46	4.3	1.8	3.3	16.0	10.0	*	*	*
LEICESTER	30	0.0	*	0.0	*	*	*	*	*
LINCOLN	78	0.0	0.6	0.5	3.0	2.0	*	*	*
LONDONDERRY	23	0.0	*	0.0	*	*	*	*	*
LUDLOW	20	10.0	2.9	7.5	30.0	24.0	*	*	*
MANCHESTER	45	4.4	1.4	2.6	11.0	7.0	*	*	*
MARSHFIELD	43	0.0	0.7	0.2	1.0	1.0	*	*	*
MIDDLEBURY	89	0.0	0.7	0.5	3.0	2.0	*	*	*
MIDDLESEX	95	1.1	1.4	2.4	19.0	6.0	*	*	*
MIDDLETOWN SPRINGS	34	2.9	1.9	4.6	27.0	5.0	*	*	*
MILTON	168	3.0	1.8	3.1	26.0	7.0	*	*	*
MONKTON	51	0.0	0.8	0.9	5.0	4.0	*	*	*
MONTGOMERY	34	0.0	0.7	0.6	3.0	3.0	*	*	*
MONTPELIER	67	0.0	0.6	0.3	2.0	1.0	*	*	*
MORETOWN	51	2.0	1.5	2.5	14.0	5.0	*	*	*
MORRISTOWN	79	8.9	3.7	8.7	50.0	25.0	*	*	*
NEW HAVEN	90	0.0	0.9	1.5	10.0	3.0	*	*	*
NEWBURY	25	0.0	0.5	0.1	1.0	*	*	*	*
NEWFANE	45	0.0	*	0.0	*	*	*	*	*
NEWPORT (City&Town)	47	14.9	4.3	7.5	30.0	21.0	*	*	*
NORTHFIELD	46	0.0	0.9	1.0	6.0	3.0	*	*	*
NORWICH	108	1.9	1.2	2.6	22.0	5.0	*	*	*
ORWELL	31	0.0	1.3	1.8	10.0	3.0	*	*	*
PAWLET	108	13.9	4.5	8.7	49.4	22.6	1.0	0.1	0.0
PEACHAM	32	0.0	0.6	0.2	1.0	1.0	*	*	*
PLAINFIELD	45	0.0	0.7	0.8	5.0	1.0	*	*	*
POULTNEY	67	22.4	10.7	23.8	151.0	63.0	2.0	*	0.1
PUTNEY	69	7.2	2.8	6.2	36.0	16.0	*	*	*
RANDOLPH	53	0.0	0.6	0.7	4.0	*	*	*	*
RICHFORD	32	0.0	0.5	0.3	2.0	*	*	*	*
RICHMOND	192	0.5	1.1	3.0	38.0	3.0	*	*	*
RIPTON	29	0.0	0.8	1.8	10.0	*	*	*	*
ROCKINGHAM	57	1.8	1.7	3.6	24.0	9.0	*	*	*
ROYALTON	24	4.2	1.1	3.0	15.0	*	*	*	*
RUPERT	45	8.9	3.9	10.4	67.0	13.0	*	0.1	0.0
RUTLAND (City&Town)	60	1.7	0.8	1.5	11.0	2.5	*	*	*
RYEGATE	22	0.0	0.7	0.5	2.0	2.0	*	*	*
SALISBURY	33	0.0	*	0.0	*	*	*	*	*
SHAFTSBURY	39	2.6	1.0	2.4	15.0	4.0	*	*	*
SHELBURNE	144	2.1	1.4	3.6	33.0	5.0	*	*	*
SHELDON	23	0.0	0.7	0.6	3.0	2.0	*	*	*
SHREWSBURY	29	0.0	0.6	0.3	2.0	*	*	*	*
SOUTH BURLINGTON	55	0.0	0.7	0.6	4.0	2.0	*	*	*
SOUTH HERO	59	0.0	1.1	1.6	9.0	4.0	*	*	*
ST. ALBANS (City&Town)	96	0.0	0.7	0.6	4.0	2.0	*	*	*
ST. GEORGE	41	19.5	5.2	7.8	33.0	19.0	1.0	*	*
ST. JOHNSBURY	50	0.0	0.8	1.0	5.0	3.0	*	*	*
STARSBORO	82	2.4	1.3	2.8	21.0	3.0	*	*	*
STOWE	206	2.4	4.7	30.3	327.0	6.9	*	*	*
STRAFFORD	27	0.0	0.5	0.1	1.0	*	*	*	*
SWANTON	77	0.0	1.1	1.6	8.0	5.0	*	*	*
THETFORD	87	4.6	2.5	3.9	23.0	9.0	*	*	*
TOWNSHEND	21	0.0	*	0.0	*	*	*	*	*
TROY	26	15.4	7.0	22.4	113.0	24.0	*	*	*
TUNBRIDGE	21	0.0	*	0.0	*	*	*	*	*

Arsenic Private Water Test Result Summary

Maximum Contaminant Level (MCL) = 10 µg/L

Data Sources: Vermont Department of Health Laboratory 2003-2016, Vermont Geological Survey 2002-2014



Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Arsenic in Micrograms per Liter (µg/L)						
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum
UNDERHILL	171	0.0	0.5	0.4	6.0	*	*	*	*
WAITSFIELD	68	1.5	1.1	1.6	11.0	4.0	*	*	*
WALDEN	20	0.0	*	0.0	*	*	*	*	*
WARREN	77	3.9	1.5	3.8	23.0	8.0	*	*	*
WATERBURY	121	1.7	1.3	2.3	20.0	5.0	*	*	*
WELLS	101	37.6	23.7	34.8	155.0	92.0	2.2	*	0.3
WESTFORD	88	2.3	1.4	3.0	20.0	8.0	*	*	*
WESTMINSTER	25	16.0	2.8	4.3	14.0	12.0	*	*	*
WEYBRIDGE	30	0.0	0.7	0.5	2.0	2.0	*	*	*
WHITING	21	4.8	1.9	3.2	14.0	6.0	*	*	*
WILLIAMSTOWN	43	0.0	0.5	0.1	1.0	*	*	*	*
WILLISTON	229	11.4	5.5	14.3	109.0	28.0	1.0	*	*
WILMINGTON	26	0.0	0.6	0.3	2.0	*	*	*	*
WINHALL	20	0.0	0.5	0.1	1.0	0.8	*	*	*
WOLCOTT	28	0.0	0.9	1.0	4.0	3.0	*	*	*
WOODSTOCK	38	0.0	*	0.0	*	*	*	*	*
WORCESTER	39	2.6	1.6	2.7	13.0	10.0	*	*	*

* Indicates less than the minimum detection limit (MDL) of the laboratory test, typically less than 1.0 µg/L.
 Notes: In order to calculate statistics, a value of 0.5 µg/L (½ the MDL) was substituted as the sample result for each "not detected" value.
 Data Sources: Vermont Department of Health Laboratory 2003-2016, Vermont Geological Survey 2002-2014.