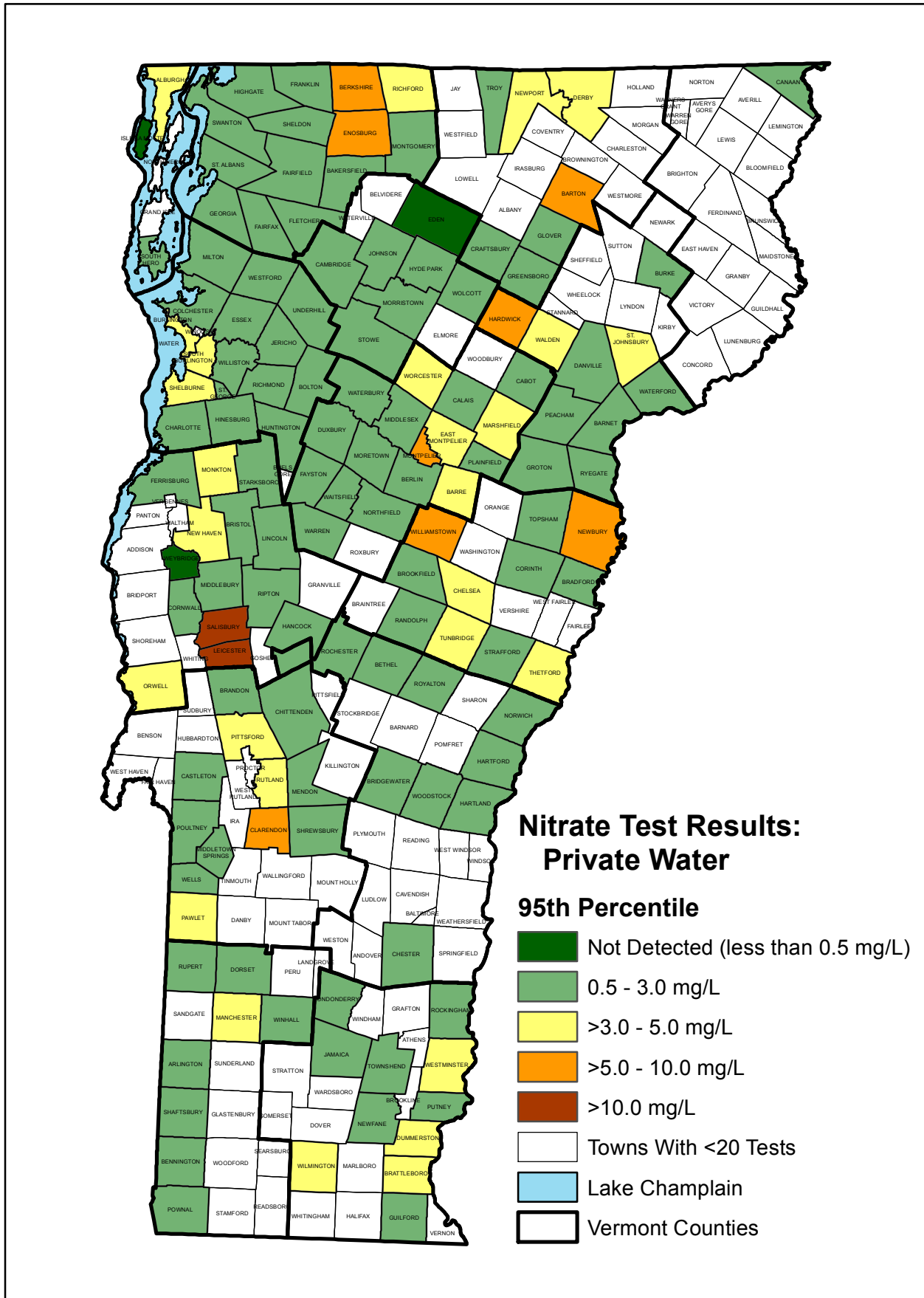


Nitrate in Private Water by Town: 95th Percentile of Nitrate Concentrations (Maximum Contaminant Level = 10 mg/L)



Nitrate: Private Water Test Result Summary
Maximum Contaminant Level (MCL) = 10 mg/L

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

Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Nitrate in Milligrams per Liter (mg/L)						
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum
ALBURGH	51	2.0	0.9	2.6	17.2	3.7	*	*	*
ARLINGTON	44	0.0	0.6	0.5	2.8	1.5	*	*	*
BAKERSFIELD	26	0.0	0.6	0.6	2.8	1.8	*	*	*
BARNET	31	0.0	0.3	0.2	1.3	0.9	*	*	*
BARRE (City&Town)	100	2.0	0.9	1.9	12.8	3.4	*	*	*
BARTON	27	0.0	0.8	1.7	6.8	6.6	*	*	*
BENNINGTON	65	0.0	0.6	0.9	4.3	2.7	*	*	*
BERKSHIRE	31	3.2	1.6	2.1	10.1	5.3	0.9	*	*
BERLIN	48	0.0	0.6	0.6	2.5	2.0	*	*	*
BETHEL	47	0.0	0.5	0.7	3.9	2.3	*	*	*
BOLTON	27	0.0	0.4	0.4	1.8	1.7	*	*	*
BRADFORD	24	0.0	0.6	1.3	6.6	1.6	*	*	*
BRANDON	30	0.0	0.5	0.9	4.9	1.0	*	*	*
BRATTLEBORO	51	0.0	0.9	1.3	6.0	3.5	*	*	*
BRIDGEWATER	26	0.0	0.3	0.2	1.1	1.1	*	*	*
BRISTOL	96	2.1	1.0	2.2	16.3	3.0	*	*	*
BROOKFIELD	21	0.0	0.5	0.4	1.7	1.3	*	*	*
BURKE	41	0.0	0.4	0.8	4.9	1.0	*	*	*
BURLINGTON	54	1.9	0.7	1.8	11.5	4.0	*	*	*
CABOT	36	0.0	0.4	0.3	1.7	1.2	*	*	*
CALAIS	60	0.0	0.6	0.9	6.2	2.4	*	*	*
CAMBRIDGE	147	0.0	0.4	0.6	5.6	1.3	*	*	*
CANAAN	30	0.0	0.5	1.2	7.0	1.1	*	*	*
CASTLETON	62	0.0	0.4	0.6	4.6	1.1	*	*	*
CHARLOTTE	322	0.9	0.6	1.7	18.0	1.5	*	*	*
CHELSEA	20	0.0	0.8	1.3	4.8	4.6	*	*	*
CHESTER	22	0.0	0.4	0.3	1.2	1.0	*	*	*
CHITTENDEN	33	0.0	0.6	0.8	3.7	2.8	*	*	*
CLARENDON	24	0.0	1.7	2.3	9.9	6.7	0.9	*	*
COLCHESTER	124	0.0	0.6	1.4	8.8	2.5	*	*	*
CORINTH	26	0.0	0.7	1.0	5.2	2.0	*	*	*
CORNWALL	70	0.0	0.6	0.9	5.0	2.4	*	*	*
CRAFTSBURY	50	0.0	0.6	0.9	4.2	2.9	*	*	*
DANVILLE	47	0.0	0.7	1.2	7.6	3.0	*	*	*
DERBY	46	0.0	0.6	1.0	4.3	3.4	*	*	*
DORSET	42	0.0	0.4	0.3	1.5	1.1	*	*	*
DUMMERSTON	40	2.5	0.9	1.7	10.5	3.1	*	*	*
DUXBURY	39	0.0	0.4	0.3	2.0	1.2	*	*	*
EAST MONTPELIER	87	2.3	1.9	3.8	26.0	4.9	0.6	*	*
EDEN	23	0.0	0.3	0.2	1.2	*	*	*	*
ENOSBURG	69	2.9	1.4	2.6	16.7	5.1	*	*	*
ESSEX	182	0.5	0.7	1.3	11.8	2.3	*	*	*
FAIRFAX	177	1.1	0.8	2.7	28.0	2.1	*	*	*
FAIRFIELD	54	1.9	0.7	1.8	12.3	2.4	*	*	*
FAYSTON	29	0.0	0.4	0.5	2.6	1.3	*	*	*
FERRISBURG	130	0.0	0.4	0.6	4.2	1.2	*	*	*
FLETCHER	34	0.0	0.7	1.4	7.7	2.5	*	*	*
FRANKLIN	39	0.0	0.6	0.8	4.2	2.5	*	*	*
GEORGIA	126	0.0	0.4	0.7	7.1	1.2	*	*	*
GLOVER	29	0.0	0.6	1.1	5.3	2.6	*	*	*
GREENSBORO	24	0.0	0.4	0.3	1.2	1.1	*	*	*
GROTON	26	0.0	0.6	0.9	3.9	2.7	*	*	*
GUILFORD	39	0.0	0.6	1.6	9.8	2.3	*	*	*
HANCOCK	52	0.0	0.4	0.6	4.0	1.3	*	*	*
HARDWICK	41	2.4	1.3	2.6	13.8	6.7	*	*	*
HARTFORD	72	1.4	0.7	1.9	14.3	1.5	*	*	*
HARTLAND	33	0.0	0.4	0.4	2.2	1.4	*	*	*
HIGHGATE	67	1.5	0.7	1.9	12.7	1.8	*	*	*
HINESBURG	234	0.0	0.7	1.1	7.7	2.8	*	*	*
HUNTINGTON	130	0.0	0.4	0.5	4.6	1.0	*	*	*
HYDE PARK	40	0.0	0.6	1.1	6.9	2.3	*	*	*

Nitrate: Private Water Test Result Summary
Maximum Contaminant Level (MCL) = 10 mg/L

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

Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Nitrate in Milligrams per Liter (mg/L)							
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum	
ISLE LA MOTTE	23	0.0	0.5	1.2	5.8	*	*	*	*	
JAMAICA	46	0.0	0.4	0.4	2.8	1.0	*	*	*	
JERICO	202	0.5	0.6	1.6	18.5	1.7	*	*	*	
JOHNSON	53	0.0	0.4	0.8	5.6	1.1	*	*	*	
LEICESTER	33	9.1	1.8	3.8	14.5	13.2	*	*	*	
LINCOLN	83	0.0	0.5	0.7	3.8	1.8	*	*	*	
LONDONDERRY	25	0.0	0.3	0.2	1.2	0.7	*	*	*	
MANCHESTER	52	0.0	0.8	1.0	4.5	3.4	*	*	*	
MARSHFIELD	40	0.0	0.8	1.4	5.8	4.8	*	*	*	
MENDON	21	0.0	0.5	0.6	2.8	1.1	*	*	*	
MIDDLEBURY	80	0.0	0.7	0.8	3.9	2.5	*	*	*	
MIDDLESEX	91	0.0	0.5	1.1	7.9	2.2	*	*	*	
MIDDLETOWN SPRINGS	30	0.0	0.4	0.6	3.1	2.0	*	*	*	
MILTON	196	0.5	0.5	1.7	22.2	1.0	*	*	*	
MONKTON	56	0.0	0.8	1.0	4.0	3.8	*	*	*	
MONTGOMERY	39	0.0	0.3	0.3	1.9	0.8	*	*	*	
MONTPELIER	67	4.5	1.3	2.9	14.6	6.5	*	*	*	
MORETOWN	49	0.0	0.5	0.5	2.2	1.4	*	*	*	
MORRISTOWN	82	0.0	0.6	1.0	5.5	2.8	*	*	*	
NEW HAVEN	98	0.0	0.6	0.8	4.0	3.1	*	*	*	
NEWBURY	26	3.8	1.2	2.9	12.9	8.4	*	*	*	
NEWFANE	43	0.0	0.4	0.4	2.4	0.8	*	*	*	
NEWPORT (City&Town)	38	0.0	0.8	1.0	3.9	3.6	*	*	*	
NORTHFIELD	51	0.0	0.5	0.6	3.3	1.6	*	*	*	
NORWICH	92	0.0	0.4	0.5	3.8	1.4	*	*	*	
ORWELL	27	0.0	0.7	1.6	7.9	3.7	*	*	*	
PAWLET	53	0.0	0.8	1.6	8.5	3.8	*	*	*	
PEACHAM	30	0.0	0.6	0.8	3.1	3.0	*	*	*	
PITTSFORD	20	0.0	0.7	1.0	3.7	3.5	*	*	*	
PLAINFIELD	47	0.0	0.7	0.9	4.8	2.1	*	*	*	
POULTNEY	60	0.0	0.6	0.9	3.4	3.0	*	*	*	
POWNAI	24	0.0	0.4	0.3	1.2	0.9	*	*	*	
PUTNEY	62	0.0	0.6	1.1	8.3	1.6	*	*	*	
RANDOLPH	51	0.0	0.7	0.8	3.3	2.3	*	*	*	
RICHFORD	37	0.0	0.8	1.3	5.8	3.9	*	*	*	
RICHMOND	201	0.0	0.5	1.0	8.2	1.3	*	*	*	
RIPTON	32	0.0	0.3	0.1	0.8	0.8	*	*	*	
ROCHESTER	21	0.0	0.3	0.2	1.1	0.7	*	*	*	
ROCKINGHAM	50	0.0	0.5	0.6	2.8	2.2	*	*	*	
ROYALTON	24	0.0	0.4	0.7	3.6	0.8	*	*	*	
RUPERT	20	0.0	0.4	0.3	1.5	1.3	*	*	*	
RUTLAND (City&Town)	61	1.6	1.4	2.3	14.7	4.7	0.5	*	*	
RYEGATE	22	0.0	0.7	0.8	2.9	2.2	*	*	*	
SALISBURY	37	5.4	1.3	3.1	13.6	12.7	*	*	*	
SHAFTSBURY	39	0.0	0.8	0.6	2.2	2.1	0.7	*	*	
SHELBURNE	138	0.0	0.9	1.3	8.0	3.9	*	*	*	
SHELDON	41	0.0	0.6	1.0	5.3	2.4	*	*	*	
SHREWSBURY	29	0.0	0.4	0.4	2.0	1.7	*	*	*	
SOUTH BURLINGTON	51	0.0	1.1	1.6	6.0	5.0	*	*	*	
SOUTH HERO	62	0.0	0.3	0.3	2.6	0.6	*	*	*	
ST. ALBANS (City&Town)	116	0.0	0.6	1.1	8.0	3.0	*	*	*	
ST. GEORGE	37	0.0	0.4	0.4	2.0	1.4	*	*	*	
ST. JOHNSBURY	56	0.0	0.8	1.5	8.5	4.0	*	*	*	
STARKSBORO	88	0.0	0.6	1.1	8.2	1.8	*	*	*	
STOWE	170	0.0	0.4	0.4	3.5	1.0	*	*	*	
STRAFFORD	26	0.0	0.5	0.6	3.3	1.0	*	*	*	
SWANTON	96	0.0	0.6	1.1	7.0	2.6	*	*	*	
THETFORD	79	0.0	1.0	1.4	6.4	4.1	*	*	*	
TOPSHAM	20	0.0	0.5	0.4	1.6	1.5	*	*	*	
TOWNSHEND	20	0.0	0.5	0.3	1.3	1.2	*	*	*	
TROY	34	0.0	0.6	1.3	7.3	2.7	*	*	*	

Nitrate: Private Water Test Result Summary
Maximum Contaminant Level (MCL) = 10 mg/L

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

Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Nitrate in Milligrams per Liter (mg/L)						
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum
TUNBRIDGE	26	0.0	0.8	1.2	5.2	4.0	*	*	*
UNDERHILL	183	0.0	0.5	0.8	6.1	1.6	*	*	*
WAITSFIELD	69	0.0	0.4	0.3	1.5	1.1	*	*	*
WALDEN	20	0.0	0.6	1.6	7.2	4.1	*	*	*
WARREN	89	0.0	0.4	0.4	2.6	1.2	*	*	*
WATERBURY	124	0.0	0.5	0.8	7.7	1.6	*	*	*
WATERFORD	22	0.0	0.6	0.8	3.4	2.5	*	*	*
WELLS	42	0.0	0.4	0.6	2.9	1.4	*	*	*
WESTFORD	96	0.0	0.4	0.4	2.3	1.2	*	*	*
WESTMINSTER	43	4.7	1.6	5.0	25.4	3.3	*	*	*
WEYBRIDGE	30	0.0	0.2	0.0	*	*	*	*	*
WILLIAMSTOWN	44	2.3	1.6	2.5	14.1	5.2	*	*	*
WILLISTON	209	0.5	0.5	1.1	10.5	1.8	*	*	*
WILMINGTON	27	3.7	1.0	2.8	14.9	3.5	*	*	*
WINHALL	20	0.0	0.5	0.4	1.4	1.4	*	*	*
WOLCOTT	26	0.0	0.5	0.8	4.0	2.0	*	*	*
WOODSTOCK	37	0.0	0.4	0.3	1.4	1.2	*	*	*
WORCESTER	38	0.0	0.5	1.0	5.7	3.6	*	*	*

* Indicates less than the minimum detection limit (MDL) of the laboratory test, typically less than 0.5 mg/L.

Notes: In order to calculate statistics, a value of 0.25 mg/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.

Nitrate: Private Water Test Result Summary
Maximum Contaminant Level (MCL) = 10 mg/L

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

Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Nitrate in Milligrams per Liter (mg/L)						
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum
ALBURGH	51	2.0	0.9	2.6	17.2	3.7	*	*	*
ARLINGTON	44	0.0	0.6	0.5	2.8	1.5	*	*	*
BAKERSFIELD	26	0.0	0.6	0.6	2.8	1.8	*	*	*
BARNET	31	0.0	0.3	0.2	1.3	0.9	*	*	*
BARRE (City&Town)	100	2.0	0.9	1.9	12.8	3.4	*	*	*
BARTON	27	0.0	0.8	1.7	6.8	6.6	*	*	*
BENNINGTON	65	0.0	0.6	0.9	4.3	2.7	*	*	*
BERKSHIRE	31	3.2	1.6	2.1	10.1	5.3	0.9	*	*
BERLIN	48	0.0	0.6	0.6	2.5	2.0	*	*	*
BETHEL	47	0.0	0.5	0.7	3.9	2.3	*	*	*
BOLTON	27	0.0	0.4	0.4	1.8	1.7	*	*	*
BRADFORD	24	0.0	0.6	1.3	6.6	1.6	*	*	*
BRANDON	30	0.0	0.5	0.9	4.9	1.0	*	*	*
BRATTLEBORO	51	0.0	0.9	1.3	6.0	3.5	*	*	*
BRIDGEWATER	26	0.0	0.3	0.2	1.1	1.1	*	*	*
BRISTOL	96	2.1	1.0	2.2	16.3	3.0	*	*	*
BROOKFIELD	21	0.0	0.5	0.4	1.7	1.3	*	*	*
BURKE	41	0.0	0.4	0.8	4.9	1.0	*	*	*
BURLINGTON	54	1.9	0.7	1.8	11.5	4.0	*	*	*
CABOT	36	0.0	0.4	0.3	1.7	1.2	*	*	*
CALAIS	60	0.0	0.6	0.9	6.2	2.4	*	*	*
CAMBRIDGE	147	0.0	0.4	0.6	5.6	1.3	*	*	*
CANAAN	30	0.0	0.5	1.2	7.0	1.1	*	*	*
CASTLETON	62	0.0	0.4	0.6	4.6	1.1	*	*	*
CHARLOTTE	322	0.9	0.6	1.7	18.0	1.5	*	*	*
CHELSEA	20	0.0	0.8	1.3	4.8	4.6	*	*	*
CHESTER	22	0.0	0.4	0.3	1.2	1.0	*	*	*
CHITTENDEN	33	0.0	0.6	0.8	3.7	2.8	*	*	*
CLARENDON	24	0.0	1.7	2.3	9.9	6.7	0.9	*	*
COLCHESTER	124	0.0	0.6	1.4	8.8	2.5	*	*	*
CORINTH	26	0.0	0.7	1.0	5.2	2.0	*	*	*
CORNWALL	70	0.0	0.6	0.9	5.0	2.4	*	*	*
CRAFTSBURY	50	0.0	0.6	0.9	4.2	2.9	*	*	*
DANVILLE	47	0.0	0.7	1.2	7.6	3.0	*	*	*
DERBY	46	0.0	0.6	1.0	4.3	3.4	*	*	*
DORSET	42	0.0	0.4	0.3	1.5	1.1	*	*	*
DUMMERSTON	40	2.5	0.9	1.7	10.5	3.1	*	*	*
DUXBURY	39	0.0	0.4	0.3	2.0	1.2	*	*	*
EAST MONTPELIER	87	2.3	1.9	3.8	26.0	4.9	0.6	*	*
EDEN	23	0.0	0.3	0.2	1.2	*	*	*	*
ENOSBURG	69	2.9	1.4	2.6	16.7	5.1	*	*	*
ESSEX	182	0.5	0.7	1.3	11.8	2.3	*	*	*
FAIRFAX	177	1.1	0.8	2.7	28.0	2.1	*	*	*
FAIRFIELD	54	1.9	0.7	1.8	12.3	2.4	*	*	*
FAYSTON	29	0.0	0.4	0.5	2.6	1.3	*	*	*
FERRISBURG	130	0.0	0.4	0.6	4.2	1.2	*	*	*
FLETCHER	34	0.0	0.7	1.4	7.7	2.5	*	*	*
FRANKLIN	39	0.0	0.6	0.8	4.2	2.5	*	*	*
GEORGIA	126	0.0	0.4	0.7	7.1	1.2	*	*	*
GLOVER	29	0.0	0.6	1.1	5.3	2.6	*	*	*
GREENSBORO	24	0.0	0.4	0.3	1.2	1.1	*	*	*
GROTON	26	0.0	0.6	0.9	3.9	2.7	*	*	*
GUILFORD	39	0.0	0.6	1.6	9.8	2.3	*	*	*
HANCOCK	52	0.0	0.4	0.6	4.0	1.3	*	*	*
HARDWICK	41	2.4	1.3	2.6	13.8	6.7	*	*	*
HARTFORD	72	1.4	0.7	1.9	14.3	1.5	*	*	*
HARTLAND	33	0.0	0.4	0.4	2.2	1.4	*	*	*
HIGHGATE	67	1.5	0.7	1.9	12.7	1.8	*	*	*
HINESBURG	234	0.0	0.7	1.1	7.7	2.8	*	*	*
HUNTINGTON	130	0.0	0.4	0.5	4.6	1.0	*	*	*
HYDE PARK	40	0.0	0.6	1.1	6.9	2.3	*	*	*

Nitrate: Private Water Test Result Summary
Maximum Contaminant Level (MCL) = 10 mg/L

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

Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Nitrate in Milligrams per Liter (mg/L)							
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum	
ISLE LA MOTTE	23	0.0	0.5	1.2	5.8	*	*	*	*	
JAMAICA	46	0.0	0.4	0.4	2.8	1.0	*	*	*	
JERICO	202	0.5	0.6	1.6	18.5	1.7	*	*	*	
JOHNSON	53	0.0	0.4	0.8	5.6	1.1	*	*	*	
LEICESTER	33	9.1	1.8	3.8	14.5	13.2	*	*	*	
LINCOLN	83	0.0	0.5	0.7	3.8	1.8	*	*	*	
LONDONDERRY	25	0.0	0.3	0.2	1.2	0.7	*	*	*	
MANCHESTER	52	0.0	0.8	1.0	4.5	3.4	*	*	*	
MARSHFIELD	40	0.0	0.8	1.4	5.8	4.8	*	*	*	
MENDON	21	0.0	0.5	0.6	2.8	1.1	*	*	*	
MIDDLEBURY	80	0.0	0.7	0.8	3.9	2.5	*	*	*	
MIDDLESEX	91	0.0	0.5	1.1	7.9	2.2	*	*	*	
MIDDLETOWN SPRINGS	30	0.0	0.4	0.6	3.1	2.0	*	*	*	
MILTON	196	0.5	0.5	1.7	22.2	1.0	*	*	*	
MONKTON	56	0.0	0.8	1.0	4.0	3.8	*	*	*	
MONTGOMERY	39	0.0	0.3	0.3	1.9	0.8	*	*	*	
MONTPELIER	67	4.5	1.3	2.9	14.6	6.5	*	*	*	
MORETOWN	49	0.0	0.5	0.5	2.2	1.4	*	*	*	
MORRISTOWN	82	0.0	0.6	1.0	5.5	2.8	*	*	*	
NEW HAVEN	98	0.0	0.6	0.8	4.0	3.1	*	*	*	
NEWBURY	26	3.8	1.2	2.9	12.9	8.4	*	*	*	
NEWFANE	43	0.0	0.4	0.4	2.4	0.8	*	*	*	
NEWPORT (City&Town)	38	0.0	0.8	1.0	3.9	3.6	*	*	*	
NORTHFIELD	51	0.0	0.5	0.6	3.3	1.6	*	*	*	
NORWICH	92	0.0	0.4	0.5	3.8	1.4	*	*	*	
ORWELL	27	0.0	0.7	1.6	7.9	3.7	*	*	*	
PAWLET	53	0.0	0.8	1.6	8.5	3.8	*	*	*	
PEACHAM	30	0.0	0.6	0.8	3.1	3.0	*	*	*	
PITTSFORD	20	0.0	0.7	1.0	3.7	3.5	*	*	*	
PLAINFIELD	47	0.0	0.7	0.9	4.8	2.1	*	*	*	
POULTNEY	60	0.0	0.6	0.9	3.4	3.0	*	*	*	
POWNA	24	0.0	0.4	0.3	1.2	0.9	*	*	*	
PUTNEY	62	0.0	0.6	1.1	8.3	1.6	*	*	*	
RANDOLPH	51	0.0	0.7	0.8	3.3	2.3	*	*	*	
RICHFORD	37	0.0	0.8	1.3	5.8	3.9	*	*	*	
RICHMOND	201	0.0	0.5	1.0	8.2	1.3	*	*	*	
RIPTON	32	0.0	0.3	0.1	0.8	0.8	*	*	*	
ROCHESTER	21	0.0	0.3	0.2	1.1	0.7	*	*	*	
ROCKINGHAM	50	0.0	0.5	0.6	2.8	2.2	*	*	*	
ROYALTON	24	0.0	0.4	0.7	3.6	0.8	*	*	*	
RUPERT	20	0.0	0.4	0.3	1.5	1.3	*	*	*	
RUTLAND (City&Town)	61	1.6	1.4	2.3	14.7	4.7	0.5	*	*	
RYEGATE	22	0.0	0.7	0.8	2.9	2.2	*	*	*	
SALISBURY	37	5.4	1.3	3.1	13.6	12.7	*	*	*	
SHAFTSBURY	39	0.0	0.8	0.6	2.2	2.1	0.7	*	*	
SHELBURNE	138	0.0	0.9	1.3	8.0	3.9	*	*	*	
SHELDON	41	0.0	0.6	1.0	5.3	2.4	*	*	*	
SHREWSBURY	29	0.0	0.4	0.4	2.0	1.7	*	*	*	
SOUTH BURLINGTON	51	0.0	1.1	1.6	6.0	5.0	*	*	*	
SOUTH HERO	62	0.0	0.3	0.3	2.6	0.6	*	*	*	
ST. ALBANS (City&Town)	116	0.0	0.6	1.1	8.0	3.0	*	*	*	
ST. GEORGE	37	0.0	0.4	0.4	2.0	1.4	*	*	*	
ST. JOHNSBURY	56	0.0	0.8	1.5	8.5	4.0	*	*	*	
STARKSBORO	88	0.0	0.6	1.1	8.2	1.8	*	*	*	
STOWE	170	0.0	0.4	0.4	3.5	1.0	*	*	*	
STRAFFORD	26	0.0	0.5	0.6	3.3	1.0	*	*	*	
SWANTON	96	0.0	0.6	1.1	7.0	2.6	*	*	*	
THETFORD	79	0.0	1.0	1.4	6.4	4.1	*	*	*	
TOPSHAM	20	0.0	0.5	0.4	1.6	1.5	*	*	*	
TOWNSHEND	20	0.0	0.5	0.3	1.3	1.2	*	*	*	
TROY	34	0.0	0.6	1.3	7.3	2.7	*	*	*	

Nitrate: Private Water Test Result Summary
Maximum Contaminant Level (MCL) = 10 mg/L

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

Vermont Towns	Number of Tests	%Tests Above MCL	Concentration of Nitrate in Milligrams per Liter (mg/L)						
			Mean	Standard Deviation	Maximum	95th Percentile	Median	5th Percentile	Minimum
TUNBRIDGE	26	0.0	0.8	1.2	5.2	4.0	*	*	*
UNDERHILL	183	0.0	0.5	0.8	6.1	1.6	*	*	*
WAITSFIELD	69	0.0	0.4	0.3	1.5	1.1	*	*	*
WALDEN	20	0.0	0.6	1.6	7.2	4.1	*	*	*
WARREN	89	0.0	0.4	0.4	2.6	1.2	*	*	*
WATERBURY	124	0.0	0.5	0.8	7.7	1.6	*	*	*
WATERFORD	22	0.0	0.6	0.8	3.4	2.5	*	*	*
WELLS	42	0.0	0.4	0.6	2.9	1.4	*	*	*
WESTFORD	96	0.0	0.4	0.4	2.3	1.2	*	*	*
WESTMINSTER	43	4.7	1.6	5.0	25.4	3.3	*	*	*
WEYBRIDGE	30	0.0	0.2	0.0	*	*	*	*	*
WILLIAMSTOWN	44	2.3	1.6	2.5	14.1	5.2	*	*	*
WILLISTON	209	0.5	0.5	1.1	10.5	1.8	*	*	*
WILMINGTON	27	3.7	1.0	2.8	14.9	3.5	*	*	*
WINHALL	20	0.0	0.5	0.4	1.4	1.4	*	*	*
WOLCOTT	26	0.0	0.5	0.8	4.0	2.0	*	*	*
WOODSTOCK	37	0.0	0.4	0.3	1.4	1.2	*	*	*
WORCESTER	38	0.0	0.5	1.0	5.7	3.6	*	*	*

* Indicates less than the minimum detection limit (MDL) of the laboratory test, typically less than 0.5 mg/L.

Notes: In order to calculate statistics, a value of 0.25 mg/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.