Table 11. Milk iodine concentration in retail milk samples available in grocery stores across the Northeast[1]

| Item | No. samples | Milk iodine, µg/L | | | |
		Minimum	Maximum	Mean[2]	SEM[3]
Labeling					
Conventional	202	114	923	425	26.0
Organic	97	130	1,016	410	27.4
Season[4]					
Summer	142	114	916	356	26.5
Spring	157	130	1,016	479	26.0
Processing					
Pasteurized	211	114	923	415	26.9
UHT[5]	88	130	1,016	420	26.9
P-values[6]					
Labeling (L)	0.45				
Season (S)	<0.001				
Processing (P)	0.81				
Interactions					
L × S	<0.001				
L × P	0.21				
S × P	0.26				
L × S × P	0.26				

[1]Samples were purchased in grocery stores located in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Washington D.C.
[2]Least square means.
[3]SEM = standard error of the least square means.
[4]Summer = June of 2017; Spring = end of March and beginning of April of 2018.
[5]UHT = ultra-high temperature.
[6]Significance was declared at $P \leq 0.05$.

Table 12. Milk iodine concentration in retail milk samples from processing plants located in New England[1]

Item	No. samples	Milk iodine, µg/L			
		Minimum	Maximum	Mean[2]	SEM[3]
Labeling					
Conventional	102	128	622	389	46.5
Organic	28	101	581	378	47.5
Season[4]					
Summer	34	128	509	330	48.1
Fall	37	101	490	320	47.5
Winter	27	248	622	440	48.7
Spring	32	160	619	445	48.4
P-values[5]					
Labeling (L)	0.66				
Season (S)	<0.001				
L × S interaction	0.03				

[1]Samples were purchased in grocery stores located in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; processing plant codes stamped on milk containers were used to select milk samples processed in New England.
[2]Least square means.
[3]SEM = standard error of the least square means.
[4]Winter = January of 2020; Spring = end of March and beginning of April of 2018; Summer = June of 2017; Fall = October of 2017.
[5]Significance was declared at $P \leq 0.05$.

Table 13. Milk iodine concentration in retail milk samples from processing plants located in New England and outside New England states[1]

Item	No. samples	Milk iodine, µg/L			
		Minimum	Maximum	Mean[2]	SEM[3]
Labeling					
Conventional	137	128	875	380	15.4
Organic	92	101	882	386	17.7
Season[4]					
Summer	43	128	509	317[b]	25.2
Fall	76	101	775	309[b]	16.8
Winter	67	202	882	464[a]	20.7
Spring	43	160	829	442[a]	23.1
Origin[5]					
New England	131	101	622	362[b]	15.6
Non-New England	98	132	882	405[a]	17.0
P-values[6]					
Labeling (L)	0.78				
Season (S)	<0.001				
Origin (O)	0.04				
Interactions					
L × S	0.09				
L × O	0.16				
S × O	0.56				
L × S × O	0.54				

[1]Milk was purchased in grocery stores located in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.
[2]Least square means.
[3]SEM = standard error of the least square means.
[4]Winter = January of 2020; Spring = end of March and beginning of April of 2018; Summer = June of 2017; Fall = October of 2017.
[5]Processing plant codes stamped on milk containers were used to select milk samples processed in New England and non-New England states.
[6]Significance was declared at $P \leq 0.05$.