Analytical Results for Arsenic in Infant Formula (FY2023-2025)

The data in this table represent 312 samples of infant formulas tested in FY2023-2025 as part of a special survey.

Sample Number	Fiscal Year	Simplified Product Label	Arsenic Concentration (ppb)[a], [b]
1	2023	Infant Formula, Powder, Cow Milk-based	<LOD
2	2023	Infant Formula, Powder, Cow Milk-based	<LOD
3	2023	Infant Formula, Powder, Cow Milk-based	4.99
4	2023	Infant Formula, Powder, Cow Milk-based	5.08
5	2023	Infant Formula, Powder, Cow Milk-based	*2.64*
6	2023	Infant Formula, Powder, Cow Milk-based	<LOD
7	2023	Infant Formula, Powder, Cow Milk-based	*2.59*
8	2023	Infant Formula, Powder, Cow Milk-based	4.23
9	2023	Infant Formula, Powder, Soy-based	4.47
10	2023	Infant Formula, Powder, Cow Milk-based	*1.53*
11	2023	Infant Formula, Powder, Cow Milk-based	*2.34*
12	2023	Infant Formula, Powder, Cow Milk-based	*1.66*
13	2023	Infant Formula, Powder, Cow Milk-based	*1.41*
14	2023	Infant Formula, Powder, Cow Milk-based	3.76
15	2023	Infant Formula, Powder, Cow Milk-based	*2.58*
16	2023	Infant Formula, Powder, Cow Milk-based	*2.61*
17	2023	Infant Formula, Powder, Cow Milk-based	<LOD
18	2023	Infant Formula, Powder, Cow Milk-based	*3.09*
19	2023	Infant Formula, Powder, Cow Milk-based	*2.91*
20	2023	Infant Formula, Powder, Cow Milk-based	<LOD
21	2023	Infant Formula, Powder, Cow Milk-based	*1.90*
22	2023	Infant Formula, Powder, Cow Milk-based	3.28
23	2023	Infant Formula, Powder, Cow Milk-based	*1.43*
24	2023	Infant Formula, Powder, Cow Milk-based	*2.84*
25	2023	Infant Formula, Powder, Cow Milk-based	*1.31*
26	2023	Infant Formula, Powder, Cow Milk-based	*1.36*
27	2023	Infant Formula, Powder, Cow Milk-based	*1.42*
28	2023	Infant Formula, Powder, Cow Milk-based	*2.53*
29	2023	Infant Formula, Powder, Cow Milk-based	*1.22*
30	2023	Infant Formula, Powder, Cow Milk-based	*1.39*
31	2024	Infant Formula, Powder, Cow Milk-based	*2.43*
32	2024	Infant Formula, Powder, Cow Milk-based	*1.24*
33	2024	Infant Formula, Powder, Cow Milk-based	<LOD
34	2024	Infant Formula, Powder, Cow Milk-based	*1.86*
35	2024	Infant Formula, Powder, Cow Milk-based	*1.95*
36	2024	Infant Formula, Powder, Cow Milk-based	*1.07*
37	2024	Infant Formula, Powder, Cow Milk-based	<LOD
38	2024	Infant Formula, Powder, Cow Milk-based	<LOD
39	2024	Infant Formula, Powder, Cow Milk-based	<LOD
40	2024	Infant Formula, Powder, Cow Milk-based	<LOD
41	2024	Infant Formula, Powder, Cow Milk-based	<LOD
42	2024	Infant Formula, Powder, Cow Milk-based	*1.70*
43	2024	Infant Formula, Powder, Cow Milk-based	*1.37*
44	2024	Infant Formula, Powder, Cow Milk-based	*1.27*
45	2024	Infant Formula, Powder, Cow Milk-based	<LOD
46	2024	Infant Formula, Powder, Cow Milk-based	*1.06*
47	2024	Infant Formula, Powder, Cow Milk-based	*1.50*
48	2024	Infant Formula, Powder, Cow Milk-based	<LOD
49	2024	Infant Formula, Powder, Cow Milk-based	*1.33*
50	2024	Infant Formula, Powder, Cow Milk-based	*1.29*
51	2024	Infant Formula, Powder, Cow Milk-based	6.19
52	2024	Infant Formula, Powder, Cow Milk-based	3.26
53	2024	Infant Formula, Powder, Cow Milk-based	4.97
55	2024	Infant Formula, Powder, Cow Milk-based	4.88
56	2024	Infant Formula, Powder, Cow Milk-based	*2.53*
57	2024	Infant Formula, Powder, Cow Milk-based	<LOD
58	2024	Infant Formula, Powder, Soy-based	14.9
59	2024	Infant Formula, Powder, Cow Milk-based	*1.81*
60	2024	Infant Formula, Powder, Cow Milk-based	*1.17*
61	2024	Infant Formula, Powder, Cow Milk-based	*2.23*
62	2024	Infant Formula, Powder, Cow Milk-based	*2.74*
63	2024	Infant Formula, Powder, Cow Milk-based	3.25
64	2024	Infant Formula, Powder, Cow Milk-based	12.6
65	2024	Infant Formula, Powder, Cow Milk-based	15.8
66	2024	Infant Formula, Powder, Soy-based	6.91
67	2024	Infant Formula, Powder, Cow Milk-based	9.70
68	2024	Infant Formula, Powder, Cow Milk-based	7.44
69	2024	Infant Formula, Powder, Soy-based	7.46
70	2024	Infant Formula, Powder, Cow Milk-based	*2.24*
72	2024	Infant Formula, Powder, Cow Milk-based	4.52
73	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	2.99
74	2024	Infant Formula, Powder, Cow Milk-based	3.89
75	2024	Infant Formula, Powder, Cow Milk-based	5.98
76	2024	Infant Formula, Powder, Cow Milk-based	*2.74*
77	2024	Infant Formula, Powder, Soy-based	5.47
78	2024	Infant Formula, Powder, Cow Milk-based	11.1
79	2024	Infant Formula, Powder, Cow Milk-based	7.28
80	2024	Infant Formula, Powder, Cow Milk-based	*2.60*
81	2024	Infant Formula, Powder, Cow Milk-based	3.45
82	2024	Infant Formula, Powder, Soy-based	9.54
85	2024	Infant Formula, Powder, Cow Milk-based	*2.14*

86	2024	Infant Formula, Powder, Cow Milk-based	10.9
87	2024	Infant Formula, Powder, Cow Milk-based	4.33
88	2024	Infant Formula, Powder, Soy-based	6.39
89	2024	Infant Formula, Powder, Cow Milk-based	*2.70*
90	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.53
91	2024	Infant Formula, Powder, Cow Milk-based	*2.67*
92	2024	Infant Formula, Powder, Cow Milk-based	3.48
93	2024	Infant Formula, Powder, Cow Milk-based	8.30
94	2024	Infant Formula, Powder, Cow Milk-based	*1.72*
95	2024	Infant Formula, Powder, Cow Milk-based	*2.24*
96	2024	Infant Formula, Powder, Soy-based	17.1
97	2024	Infant Formula, Powder, Cow Milk-based	21.9
98	2024	Infant Formula, Powder, Cow Milk-based	3.31
99	2024	Infant Formula, Powder, Cow Milk-based	*2.62*
100	2024	Infant Formula, Powder, Cow Milk-based	3.82
101	2024	Infant Formula, Powder, Cow Milk-based	8.74
102	2024	Infant Formula, Powder, Cow Milk-based	*2.28*
103	2024	Infant Formula, Powder, Soy-based	6.81
104	2024	Infant Formula, Powder, Cow Milk-based	6.68
105	2024	Infant Formula, Powder, Cow Milk-based	9.05
106	2024	Infant Formula, Ready-to-Feed Liquid, Soy-based	0.92
107	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.34
108	2024	Infant Formula, Powder, Cow Milk-based	*2.43*
109	2024	Infant Formula, Powder, Cow Milk-based	*2.58*
110	2024	Infant Formula, Powder, Cow Milk-based	6.69
111	2024	Infant Formula, Powder, Soy-based	9.06
112	2024	Infant Formula, Powder, Cow Milk-based	3.75
113	2024	Infant Formula, Powder, Cow Milk-based	5.73
114	2024	Infant Formula, Powder, Cow Milk-based	6.82
115	2024	Infant Formula, Powder, Cow Milk-based	6.30
116	2024	Infant Formula, Powder, Cow Milk-based	10.3
117	2024	Infant Formula, Powder, Cow Milk-based	9.81
120	2024	Infant Formula, Powder, Cow Milk-based	3.91
121	2024	Infant Formula, Powder, Cow Milk-based	3.83
122	2024	Infant Formula, Powder, Cow Milk-based	*2.64*
123	2024	Infant Formula, Powder, Cow Milk-based	*2.65*
124	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.82
125	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.62
126	2024	Infant Formula, Powder, Soy-based	5.94
127	2024	Infant Formula, Powder, Soy-based	5.43
128	2024	Infant Formula, Powder, Soy-based	9.44
129	2024	Infant Formula, Powder, Soy-based	14.2
130	2024	Infant Formula, Powder, Cow Milk-based	14.6
131	2025	Infant Formula, Powder, Cow Milk-based	*1.60*
132	2025	Infant Formula, Powder, Cow Milk-based	*1.57*
133	2025	Infant Formula, Concentrated Liquid, Soy-based	1.19
134	2025	Infant Formula, Ready-to-Feed Liquid, Soy-based	1.28
135	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.64
136	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.65
137	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.44
138	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.38
139	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.38
140	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.31*
141	2025	Infant Formula, Ready-to-Feed Liquid, Soy-based	1.21
142	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	1.32
143	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	1.24
144	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	1.07
145	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.40
146	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.89
147	2025	Infant Formula, Powder, Cow Milk-based	6.48
148	2025	Infant Formula, Powder, Cow Milk-based	11.9
149	2025	Infant Formula, Powder, Cow Milk-based	6.11
150	2025	Infant Formula, Powder, Cow Milk-based	*1.55*
151	2025	Infant Formula, Powder, Soy-based	6.68
152	2025	Infant Formula, Powder, Cow Milk-based	*1.76*
154	2025	Infant Formula, Powder, Cow Milk-based	6.50
155	2025	Infant Formula, Powder, Amino Acid-based	*2.22*
157	2025	Infant Formula, Powder, Soy-based	8.85
158	2025	Infant Formula, Powder, Cow Milk-based	4.64
159	2025	Infant Formula, Powder, Cow Milk-based	*1.64*
160	2025	Infant Formula, Powder, Cow Milk-based	*1.59*
161	2025	Infant Formula, Powder, Cow Milk-based	*1.51*
162	2025	Infant Formula, Powder, Soy-based	10.0
163	2025	Infant Formula, Powder, Cow Milk-based	5.19
164	2025	Infant Formula, Powder, Cow Milk-based	8.43
165	2025	Infant Formula, Powder, Cow Milk-based	3.79
166	2025	Infant Formula, Powder, Cow Milk-based	<LOD
167	2025	Infant Formula, Powder, Cow Milk-based	<LOD
168	2025	Infant Formula, Powder, Cow Milk-based	<LOD
170	2025	Infant Formula, Powder, Amino Acid-based	7.96
171	2025	Infant Formula, Powder, Cow Milk-based	3.99
172	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.92
173	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.67
174	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.82
175	2025	Infant Formula, Concentrated Liquid, Soy-based	1.33
176	2025	Infant Formula, Concentrated Liquid, Soy-based	1.25

177	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.32*
178	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	1.02
179	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.81
180	2025	Infant Formula, Powder, Amino Acid-based	12.9
181	2025	Infant Formula, Powder, Amino Acid-based	8.35
182	2025	Infant Formula, Powder, Soy-based	5.95
183	2025	Infant Formula, Powder, Cow Milk-based	11.8
184	2025	Infant Formula, Powder, Cow Milk-based	*2.46*
185	2025	Infant Formula, Powder, Cow Milk-based	11.5
186	2025	Infant Formula, Powder, Cow Milk-based	6.09
187	2025	Infant Formula, Powder, Cow Milk-based	*2.96*
188	2025	Infant Formula, Powder, Cow Milk-based	*2.36*
189	2025	Infant Formula, Powder, Cow Milk-based	3.76
190	2025	Infant Formula, Powder, Cow Milk-based	*3.07*
191	2025	Infant Formula, Powder, Soy-based	8.92
196	2025	Infant Formula, Powder, Amino Acid-based	*3.08*
199	2025	Infant Formula, Powder, Cow Milk-based	*2.07*
200	2025	Infant Formula, Powder, Cow Milk-based	*1.82*
201	2025	Infant Formula, Powder, Soy-based	5.02
202	2025	Infant Formula, Powder, Soy-based	4.90
203	2025	Infant Formula, Powder, Soy-based	5.26
204	2025	Infant Formula, Powder, Cow Milk-based	6.13
205	2025	Infant Formula, Powder, Cow Milk-based	24.7
206	2025	Infant Formula, Powder, Cow Milk-based	4.39
207	2025	Infant Formula, Powder, Cow Milk-based	5.75
208	2025	Infant Formula, Powder, Cow Milk-based	9.20
209	2025	Infant Formula, Powder, Soy-based	11.2
210	2025	Infant Formula, Powder, Cow Milk-based	*1.55*
211	2025	Infant Formula, Powder, Cow Milk-based	*1.67*
212	2025	Infant Formula, Powder, Cow Milk-based	3.43
213	2025	Infant Formula, Powder, Cow Milk-based	3.22
214	2025	Infant Formula, Powder, Cow Milk-based	*2.31*
215	2025	Infant Formula, Powder, Cow Milk-based	4.10
216	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.78
217	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	1.01
218	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.46
219	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.44
220	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.59
221	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	1.01
222	2025	Infant Formula, Powder, Cow Milk-based	*1.47*
223	2025	Infant Formula, Powder, Cow Milk-based	*2.07*
224	2025	Infant Formula, Powder, Cow Milk-based	*1.64*
225	2025	Infant Formula, Powder, Cow Milk-based	*2.37*
226	2025	Infant Formula, Powder, Cow Milk-based	7.01
227	2025	Infant Formula, Powder, Cow Milk-based	7.72
228	2025	Infant Formula, Powder, Cow Milk-based	7.83
229	2025	Infant Formula, Powder, Amino Acid-based	5.18
230	2025	Infant Formula, Powder, Amino Acid-based	8.03
231	2025	Infant Formula, Powder, Soy-based	9.14
232	2025	Infant Formula, Powder, Cow Milk-based	*1.15*
234	2025	Infant Formula, Powder, Cow Milk-based	*1.54*
235	2025	Infant Formula, Powder, Cow Milk-based	*1.78*
236	2025	Infant Formula, Powder, Cow Milk-based	10.6
237	2025	Infant Formula, Powder, Cow Milk-based	8.71
238	2025	Infant Formula, Powder, Amino Acid-based	7.72
239	2025	Infant Formula, Powder, Soy-based	5.93
240	2025	Infant Formula, Powder, Cow Milk-based	8.78
241	2025	Infant Formula, Powder, Amino Acid-based	18.2
243	2025	Infant Formula, Powder, Soy-based	5.31
244	2025	Infant Formula, Powder, Cow Milk-based	7.07
245	2025	Infant Formula, Powder, Soy-based	5.01
246	2025	Infant Formula, Powder, Cow Milk-based	*2.10*
247	2025	Infant Formula, Powder, Cow Milk-based	<LOD
248	2025	Infant Formula, Powder, Cow Milk-based	*1.54*
249	2025	Infant Formula, Powder, Cow Milk-based	16.3
250	2025	Infant Formula, Powder, Soy-based	6.28
251	2025	Infant Formula, Powder, Cow Milk-based	*1.91*
252	2025	Infant Formula, Powder, Cow Milk-based	14.2
253	2025	Infant Formula, Powder, Cow Milk-based	5.67
254	2025	Infant Formula, Powder, Soy-based	5.00
255	2025	Infant Formula, Powder, Cow Milk-based	*1.92*
256	2025	Infant Formula, Powder, Cow Milk-based	21.3
257	2025	Infant Formula, Powder, Cow Milk-based	22.5
263	2025	Infant Formula, Powder, Cow Milk-based	6.30
264	2025	Infant Formula, Powder, Amino Acid-based	12.7
265	2025	Infant Formula, Powder, Soy-based	9.28
266	2025	Infant Formula, Powder, Cow Milk-based	*1.56*
267	2025	Infant Formula, Powder, Cow Milk-based	4.39
268	2025	Infant Formula, Powder, Cow Milk-based	*2.90*
269	2025	Infant Formula, Powder, Cow Milk-based	*1.23*
270	2025	Infant Formula, Powder, Cow Milk-based	*2.69*
271	2025	Infant Formula, Powder, Cow Milk-based	4.82
272	2025	Infant Formula, Powder, Cow Milk-based	*2.68*
273	2025	Infant Formula, Powder, Cow Milk-based	*1.86*
274	2025	Infant Formula, Powder, Cow Milk-based	*2.15*
275	2025	Infant Formula, Powder, Cow Milk-based	16.5

276	2025	Infant Formula, Powder, Cow Milk-based	22.8
277	2025	Infant Formula, Powder, Cow Milk-based	5.85
280	2025	Infant Formula, Powder, Soy-based	10.7
281	2025	Infant Formula, Powder, Cow Milk-based	7.08
282	2025	Infant Formula, Powder, Soy-based	10.3
283	2025	Infant Formula, Powder, Cow Milk-based	7.86
284	2025	Infant Formula, Powder, Cow Milk-based	6.81
285	2025	Infant Formula, Powder, Cow Milk-based	8.02
286	2025	Infant Formula, Powder, Cow Milk-based	*1.33*
287	2025	Infant Formula, Powder, Cow Milk-based	9.31
288	2025	Infant Formula, Powder, Cow Milk-based	3.56
289	2025	Infant Formula, Powder, Cow Milk-based	*1.64*
290	2025	Infant Formula, Powder, Cow Milk-based	*1.61*
291	2025	Infant Formula, Powder, Cow Milk-based	*1.93*
292	2025	Infant Formula, Powder, Cow Milk-based	36.6
293	2025	Infant Formula, Powder, Cow Milk-based	17.9
294	2025	Infant Formula, Powder, Cow Milk-based	20.1
295	2025	Infant Formula, Powder, Cow Milk-based	5.29
296	2025	Infant Formula, Powder, Cow Milk-based	3.65
297	2025	Infant Formula, Powder, Cow Milk-based	*1.74*
298	2025	Infant Formula, Powder, Cow Milk-based	*1.61*
299	2025	Infant Formula, Powder, Cow Milk-based	*1.60*
300	2025	Infant Formula, Powder, Cow Milk-based	4.08
301	2025	Infant Formula, Powder, Cow Milk-based	*1.35*
302	2025	Infant Formula, Powder, Cow Milk-based	*1.38*
303	2025	Infant Formula, Powder, Cow Milk-based	6.65
304	2025	Infant Formula, Powder, Cow Milk-based	5.35
305	2025	Infant Formula, Powder, Cow Milk-based	4.51
306	2025	Infant Formula, Powder, Cow Milk-based	*2.68*
307	2025	Infant Formula, Powder, Cow Milk-based	*1.45*
308	2025	Infant Formula, Powder, Cow Milk-based	*1.65*
309	2025	Infant Formula, Powder, Cow Milk-based	*1.71*
310	2025	Infant Formula, Powder, Cow Milk-based	*1.75*
311	2025	Infant Formula, Powder, Cow Milk-based	4.19
312	2025	Infant Formula, Powder, Cow Milk-based	*2.24*
313	2025	Infant Formula, Powder, Cow Milk-based	*2.91*
314	2025	Infant Formula, Powder, Cow Milk-based	*1.27*
315	2025	Infant Formula, Powder, Cow Milk-based	*1.36*
316	2025	Infant Formula, Powder, Cow Milk-based	*1.85*
317	2025	Infant Formula, Powder, Cow Milk-based	*1.75*
318	2025	Infant Formula, Powder, Cow Milk-based	30.8
319	2025	Infant Formula, Powder, Cow Milk-based	14.2
320	2025	Infant Formula, Powder, Soy-based	10.5
321	2025	Infant Formula, Powder, Cow Milk-based	5.17
322	2025	Infant Formula, Powder, Cow Milk-based	8.82
328	2025	Infant Formula, Powder, Cow Milk-based	*1.46*
329	2025	Infant Formula, Powder, Cow Milk-based	*1.70*
330	2025	Infant Formula, Powder, Cow Milk-based	*1.57*
331	2025	Infant Formula, Powder, Cow Milk-based	4.34
332	2025	Infant Formula, Powder, Cow Milk-based	6.06
336	2025	Infant Formula, Powder, Cow Milk-based	5.68
337	2025	Infant Formula, Powder, Soy-based	9.54
338	2025	Infant Formula, Powder, Soy-based	9.71
339	2025	Infant Formula, Powder, Cow Milk-based	*1.63*
340	2025	Infant Formula, Powder, Soy-based	9.77
341	2025	Infant Formula, Powder, Cow Milk-based	*3.16*
342	2025	Infant Formula, Powder, Cow Milk-based	*1.24*
343	2025	Infant Formula, Powder, Soy-based	9.81
344	2025	Infant Formula, Powder, Soy-based	10.2

[a] Powders, Ready-to-Feed Liquids, and Concentrated Liquids were analyzed as sold. Results are reported as sold, where ppb=parts per billion.

[b] Arsenic refers to total arsenic. Arsenic analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (https://www.fda.gov/media/87509/download). Limits of Quantitation (LOQs) for powders and liquids were 3.19 and 0.32 ppb, respectively; Limits of Detection (LODs) for powders and liquids were 1.06 and 0.11 ppb, respectively. Results below the LOD are reported as <LOD. Trace values (those greater than the LOD and less than the LOQ) are reported in italics.

Infant formula samples were collected as part of a special survey that consisted of a total of 344 infant formulas and toddler drinks. Data from the toddler drinks will be made available following completion of ongoing testing conducted under the Closer to Zero initiative.

Analytical Results for Lead in Infant Formula (FY2023-2025)

The data in this table represent 312 samples of infant formulas tested in FY2023-2025 as part of a special survey.

Sample Number	Fiscal Year	Simplified Product Label	Lead Concentration (ppb)[a], [b]
1	2023	Infant Formula, Powder, Cow Milk-based	<LOD
2	2023	Infant Formula, Powder, Cow Milk-based	<LOD
3	2023	Infant Formula, Powder, Cow Milk-based	*2.49*
4	2023	Infant Formula, Powder, Cow Milk-based	<LOD
5	2023	Infant Formula, Powder, Cow Milk-based	*1.29*
6	2023	Infant Formula, Powder, Cow Milk-based	*0.90*
7	2023	Infant Formula, Powder, Cow Milk-based	*1.02*
8	2023	Infant Formula, Powder, Cow Milk-based	<LOD
9	2023	Infant Formula, Powder, Soy-based	8.64
10	2023	Infant Formula, Powder, Cow Milk-based	*1.14*
11	2023	Infant Formula, Powder, Cow Milk-based	*1.20*
12	2023	Infant Formula, Powder, Cow Milk-based	*1.27*
13	2023	Infant Formula, Powder, Cow Milk-based	*1.37*
14	2023	Infant Formula, Powder, Cow Milk-based	*1.76*
15	2023	Infant Formula, Powder, Cow Milk-based	4.36
16	2023	Infant Formula, Powder, Cow Milk-based	*1.71*
17	2023	Infant Formula, Powder, Cow Milk-based	*1.21*
18	2023	Infant Formula, Powder, Cow Milk-based	*1.19*
19	2023	Infant Formula, Powder, Cow Milk-based	*1.08*
20	2023	Infant Formula, Powder, Cow Milk-based	*1.28*
21	2023	Infant Formula, Powder, Cow Milk-based	*1.21*
22	2023	Infant Formula, Powder, Cow Milk-based	*1.69*
23	2023	Infant Formula, Powder, Cow Milk-based	*0.94*
24	2023	Infant Formula, Powder, Cow Milk-based	*0.94*
25	2023	Infant Formula, Powder, Cow Milk-based	*1.17*
26	2023	Infant Formula, Powder, Cow Milk-based	*1.15*
27	2023	Infant Formula, Powder, Cow Milk-based	*1.26*
28	2023	Infant Formula, Powder, Cow Milk-based	4.14
29	2023	Infant Formula, Powder, Cow Milk-based	*1.12*
30	2023	Infant Formula, Powder, Cow Milk-based	*1.10*
31	2024	Infant Formula, Powder, Cow Milk-based	4.05
32	2024	Infant Formula, Powder, Cow Milk-based	*1.12*
33	2024	Infant Formula, Powder, Cow Milk-based	*1.09*
34	2024	Infant Formula, Powder, Cow Milk-based	2.78
35	2024	Infant Formula, Powder, Cow Milk-based	2.93
36	2024	Infant Formula, Powder, Cow Milk-based	*1.56*
37	2024	Infant Formula, Powder, Cow Milk-based	*0.97*
38	2024	Infant Formula, Powder, Cow Milk-based	*1.13*
39	2024	Infant Formula, Powder, Cow Milk-based	*1.15*
40	2024	Infant Formula, Powder, Cow Milk-based	*1.25*
41	2024	Infant Formula, Powder, Cow Milk-based	*1.35*
42	2024	Infant Formula, Powder, Cow Milk-based	*1.85*
43	2024	Infant Formula, Powder, Cow Milk-based	*1.39*
44	2024	Infant Formula, Powder, Cow Milk-based	*1.48*
45	2024	Infant Formula, Powder, Cow Milk-based	*2.06*
46	2024	Infant Formula, Powder, Cow Milk-based	*1.69*
47	2024	Infant Formula, Powder, Cow Milk-based	*1.78*
48	2024	Infant Formula, Powder, Cow Milk-based	<LOD
49	2024	Infant Formula, Powder, Cow Milk-based	<LOD
50	2024	Infant Formula, Powder, Cow Milk-based	*1.07*
51	2024	Infant Formula, Powder, Cow Milk-based	*1.55*
52	2024	Infant Formula, Powder, Cow Milk-based	*1.80*
53	2024	Infant Formula, Powder, Cow Milk-based	*1.23*
55	2024	Infant Formula, Powder, Cow Milk-based	<LOD
56	2024	Infant Formula, Powder, Cow Milk-based	<LOD
57	2024	Infant Formula, Powder, Cow Milk-based	<LOD
58	2024	Infant Formula, Powder, Soy-based	*2.25*
59	2024	Infant Formula, Powder, Cow Milk-based	<LOD
60	2024	Infant Formula, Powder, Cow Milk-based	*2.02*
61	2024	Infant Formula, Powder, Cow Milk-based	*1.39*
62	2024	Infant Formula, Powder, Cow Milk-based	*1.92*
63	2024	Infant Formula, Powder, Cow Milk-based	*1.77*
64	2024	Infant Formula, Powder, Cow Milk-based	*2.66*
65	2024	Infant Formula, Powder, Cow Milk-based	<LOD
66	2024	Infant Formula, Powder, Soy-based	2.94
67	2024	Infant Formula, Powder, Cow Milk-based	<LOD
68	2024	Infant Formula, Powder, Cow Milk-based	*1.04*
69	2024	Infant Formula, Powder, Soy-based	*1.04*
70	2024	Infant Formula, Powder, Cow Milk-based	2.83
72	2024	Infant Formula, Powder, Cow Milk-based	4.46
73	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.18*
74	2024	Infant Formula, Powder, Cow Milk-based	2.91
75	2024	Infant Formula, Powder, Cow Milk-based	*2.03*
76	2024	Infant Formula, Powder, Cow Milk-based	*2.19*
77	2024	Infant Formula, Powder, Soy-based	3.70
78	2024	Infant Formula, Powder, Cow Milk-based	*2.56*
79	2024	Infant Formula, Powder, Cow Milk-based	4.55
80	2024	Infant Formula, Powder, Cow Milk-based	*1.46*
81	2024	Infant Formula, Powder, Cow Milk-based	*1.55*

82	2024	Infant Formula, Powder, Soy-based	3.20
85	2024	Infant Formula, Powder, Cow Milk-based	*1.32*
86	2024	Infant Formula, Powder, Cow Milk-based	*1.60*
87	2024	Infant Formula, Powder, Cow Milk-based	2.97
88	2024	Infant Formula, Powder, Soy-based	3.46
89	2024	Infant Formula, Powder, Cow Milk-based	2.88
90	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.22*
91	2024	Infant Formula, Powder, Cow Milk-based	*2.46*
92	2024	Infant Formula, Powder, Cow Milk-based	*1.55*
93	2024	Infant Formula, Powder, Cow Milk-based	*1.65*
94	2024	Infant Formula, Powder, Cow Milk-based	*2.63*
95	2024	Infant Formula, Powder, Cow Milk-based	*2.36*
96	2024	Infant Formula, Powder, Soy-based	4.16
97	2024	Infant Formula, Powder, Cow Milk-based	*1.74*
98	2024	Infant Formula, Powder, Cow Milk-based	2.75
99	2024	Infant Formula, Powder, Cow Milk-based	*2.48*
100	2024	Infant Formula, Powder, Cow Milk-based	*2.28*
101	2024	Infant Formula, Powder, Cow Milk-based	3.07
102	2024	Infant Formula, Powder, Cow Milk-based	*2.26*
103	2024	Infant Formula, Powder, Soy-based	3.56
104	2024	Infant Formula, Powder, Cow Milk-based	3.80
105	2024	Infant Formula, Powder, Cow Milk-based	4.47
106	2024	Infant Formula, Ready-to-Feed Liquid, Soy-based	*0.21*
107	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.23*
108	2024	Infant Formula, Powder, Cow Milk-based	*2.47*
109	2024	Infant Formula, Powder, Cow Milk-based	2.76
110	2024	Infant Formula, Powder, Cow Milk-based	*1.79*
111	2024	Infant Formula, Powder, Soy-based	*2.39*
112	2024	Infant Formula, Powder, Cow Milk-based	<LOD
113	2024	Infant Formula, Powder, Cow Milk-based	<LOD
114	2024	Infant Formula, Powder, Cow Milk-based	<LOD
115	2024	Infant Formula, Powder, Cow Milk-based	*1.43*
116	2024	Infant Formula, Powder, Cow Milk-based	*1.42*
117	2024	Infant Formula, Powder, Cow Milk-based	<LOD
120	2024	Infant Formula, Powder, Cow Milk-based	*1.04*
121	2024	Infant Formula, Powder, Cow Milk-based	*1.54*
122	2024	Infant Formula, Powder, Cow Milk-based	2.89
123	2024	Infant Formula, Powder, Cow Milk-based	3.08
124	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.75
125	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.55
126	2024	Infant Formula, Powder, Soy-based	*2.12*
127	2024	Infant Formula, Powder, Soy-based	*2.13*
128	2024	Infant Formula, Powder, Soy-based	*2.43*
129	2024	Infant Formula, Powder, Soy-based	3.21
130	2024	Infant Formula, Powder, Cow Milk-based	*2.36*
131	2025	Infant Formula, Powder, Cow Milk-based	*1.27*
132	2025	Infant Formula, Powder, Cow Milk-based	*1.89*
133	2025	Infant Formula, Concentrated Liquid, Soy-based	0.73
134	2025	Infant Formula, Ready-to-Feed Liquid, Soy-based	0.36
135	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.40
136	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.43
137	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.19*
138	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.20*
139	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.17*
140	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.16*
141	2025	Infant Formula, Ready-to-Feed Liquid, Soy-based	*0.18*
142	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.20*
143	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.30
144	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.37
145	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.29
146	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.82
147	2025	Infant Formula, Powder, Cow Milk-based	3.03
148	2025	Infant Formula, Powder, Cow Milk-based	*2.22*
149	2025	Infant Formula, Powder, Cow Milk-based	*1.36*
150	2025	Infant Formula, Powder, Cow Milk-based	<LOD
151	2025	Infant Formula, Powder, Soy-based	*2.22*
152	2025	Infant Formula, Powder, Cow Milk-based	2.71
154	2025	Infant Formula, Powder, Cow Milk-based	4.14
155	2025	Infant Formula, Powder, Amino Acid-based	*2.66*
157	2025	Infant Formula, Powder, Soy-based	*1.88*
158	2025	Infant Formula, Powder, Cow Milk-based	<LOD
159	2025	Infant Formula, Powder, Cow Milk-based	<LOD
160	2025	Infant Formula, Powder, Cow Milk-based	*1.15*
161	2025	Infant Formula, Powder, Cow Milk-based	<LOD
162	2025	Infant Formula, Powder, Soy-based	*1.03*
163	2025	Infant Formula, Powder, Cow Milk-based	2.76
164	2025	Infant Formula, Powder, Cow Milk-based	*2.33*
165	2025	Infant Formula, Powder, Cow Milk-based	*1.70*
166	2025	Infant Formula, Powder, Cow Milk-based	<LOD
167	2025	Infant Formula, Powder, Cow Milk-based	<LOD
168	2025	Infant Formula, Powder, Cow Milk-based	<LOD
170	2025	Infant Formula, Powder, Amino Acid-based	4.05
171	2025	Infant Formula, Powder, Cow Milk-based	3.63

172	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.42
173	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.33
174	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.82
175	2025	Infant Formula, Concentrated Liquid, Soy-based	0.64
176	2025	Infant Formula, Concentrated Liquid, Soy-based	0.60
177	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.18*
178	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.53
179	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.72
180	2025	Infant Formula, Powder, Amino Acid-based	*1.85*
181	2025	Infant Formula, Powder, Amino Acid-based	*1.12*
182	2025	Infant Formula, Powder, Soy-based	3.93
183	2025	Infant Formula, Powder, Cow Milk-based	*1.76*
184	2025	Infant Formula, Powder, Cow Milk-based	*1.95*
185	2025	Infant Formula, Powder, Cow Milk-based	3.12
186	2025	Infant Formula, Powder, Cow Milk-based	*1.60*
187	2025	Infant Formula, Powder, Cow Milk-based	*2.06*
188	2025	Infant Formula, Powder, Cow Milk-based	<LOD
189	2025	Infant Formula, Powder, Cow Milk-based	*1.11*
190	2025	Infant Formula, Powder, Cow Milk-based	*1.23*
191	2025	Infant Formula, Powder, Soy-based	*1.92*
196	2025	Infant Formula, Powder, Amino Acid-based	3.37
199	2025	Infant Formula, Powder, Cow Milk-based	2.74
200	2025	Infant Formula, Powder, Cow Milk-based	*2.07*
201	2025	Infant Formula, Powder, Soy-based	2.79
202	2025	Infant Formula, Powder, Soy-based	*2.61*
203	2025	Infant Formula, Powder, Soy-based	2.73
204	2025	Infant Formula, Powder, Cow Milk-based	*1.61*
205	2025	Infant Formula, Powder, Cow Milk-based	*1.71*
206	2025	Infant Formula, Powder, Cow Milk-based	*2.15*
207	2025	Infant Formula, Powder, Cow Milk-based	*2.48*
208	2025	Infant Formula, Powder, Cow Milk-based	3.10
209	2025	Infant Formula, Powder, Soy-based	*2.51*
210	2025	Infant Formula, Powder, Cow Milk-based	<LOD
211	2025	Infant Formula, Powder, Cow Milk-based	<LOD
212	2025	Infant Formula, Powder, Cow Milk-based	*1.36*
213	2025	Infant Formula, Powder, Cow Milk-based	*1.13*
214	2025	Infant Formula, Powder, Cow Milk-based	*1.20*
215	2025	Infant Formula, Powder, Cow Milk-based	<LOD
216	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.45
217	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.49
218	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	*0.18*
219	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	*0.09*
220	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.50
221	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.44
222	2025	Infant Formula, Powder, Cow Milk-based	<LOD
223	2025	Infant Formula, Powder, Cow Milk-based	*1.21*
224	2025	Infant Formula, Powder, Cow Milk-based	<LOD
225	2025	Infant Formula, Powder, Cow Milk-based	<LOD
226	2025	Infant Formula, Powder, Cow Milk-based	4.38
227	2025	Infant Formula, Powder, Cow Milk-based	3.19
228	2025	Infant Formula, Powder, Cow Milk-based	3.48
229	2025	Infant Formula, Powder, Amino Acid-based	*1.56*
230	2025	Infant Formula, Powder, Amino Acid-based	*2.28*
231	2025	Infant Formula, Powder, Soy-based	*1.43*
232	2025	Infant Formula, Powder, Cow Milk-based	<LOD
234	2025	Infant Formula, Powder, Cow Milk-based	<LOD
235	2025	Infant Formula, Powder, Cow Milk-based	*1.89*
236	2025	Infant Formula, Powder, Cow Milk-based	*2.59*
237	2025	Infant Formula, Powder, Cow Milk-based	3.78
238	2025	Infant Formula, Powder, Amino Acid-based	*2.43*
239	2025	Infant Formula, Powder, Soy-based	4.21
240	2025	Infant Formula, Powder, Cow Milk-based	<LOD
241	2025	Infant Formula, Powder, Amino Acid-based	*1.80*
243	2025	Infant Formula, Powder, Soy-based	*1.47*
244	2025	Infant Formula, Powder, Cow Milk-based	<LOD
245	2025	Infant Formula, Powder, Soy-based	*1.55*
246	2025	Infant Formula, Powder, Cow Milk-based	<LOD
247	2025	Infant Formula, Powder, Cow Milk-based	<LOD
248	2025	Infant Formula, Powder, Cow Milk-based	<LOD
249	2025	Infant Formula, Powder, Cow Milk-based	*2.58*
250	2025	Infant Formula, Powder, Soy-based	4.00
251	2025	Infant Formula, Powder, Cow Milk-based	*1.41*
252	2025	Infant Formula, Powder, Cow Milk-based	*1.40*
253	2025	Infant Formula, Powder, Cow Milk-based	*1.15*
254	2025	Infant Formula, Powder, Soy-based	*2.31*
255	2025	Infant Formula, Powder, Cow Milk-based	*1.45*
256	2025	Infant Formula, Powder, Cow Milk-based	*1.18*
257	2025	Infant Formula, Powder, Cow Milk-based	*1.28*
263	2025	Infant Formula, Powder, Cow Milk-based	3.17
264	2025	Infant Formula, Powder, Amino Acid-based	*1.90*
265	2025	Infant Formula, Powder, Soy-based	*1.87*
266	2025	Infant Formula, Powder, Cow Milk-based	*2.15*
267	2025	Infant Formula, Powder, Cow Milk-based	<LOD

268	2025	Infant Formula, Powder, Cow Milk-based	<LOD
269	2025	Infant Formula, Powder, Cow Milk-based	<LOD
270	2025	Infant Formula, Powder, Cow Milk-based	*1.68*
271	2025	Infant Formula, Powder, Cow Milk-based	*1.71*
272	2025	Infant Formula, Powder, Cow Milk-based	*1.57*
273	2025	Infant Formula, Powder, Cow Milk-based	*1.05*
274	2025	Infant Formula, Powder, Cow Milk-based	*0.96*
275	2025	Infant Formula, Powder, Cow Milk-based	4.59
276	2025	Infant Formula, Powder, Cow Milk-based	*1.72*
277	2025	Infant Formula, Powder, Cow Milk-based	*1.67*
280	2025	Infant Formula, Powder, Soy-based	2.69
281	2025	Infant Formula, Powder, Cow Milk-based	3.57
282	2025	Infant Formula, Powder, Soy-based	2.90
283	2025	Infant Formula, Powder, Cow Milk-based	*1.67*
284	2025	Infant Formula, Powder, Cow Milk-based	*1.59*
285	2025	Infant Formula, Powder, Cow Milk-based	*2.40*
286	2025	Infant Formula, Powder, Cow Milk-based	*2.45*
287	2025	Infant Formula, Powder, Cow Milk-based	2.93
288	2025	Infant Formula, Powder, Cow Milk-based	*0.96*
289	2025	Infant Formula, Powder, Cow Milk-based	<LOD
290	2025	Infant Formula, Powder, Cow Milk-based	<LOD
291	2025	Infant Formula, Powder, Cow Milk-based	<LOD
292	2025	Infant Formula, Powder, Cow Milk-based	*1.26*
293	2025	Infant Formula, Powder, Cow Milk-based	*1.28*
294	2025	Infant Formula, Powder, Cow Milk-based	3.32
295	2025	Infant Formula, Powder, Cow Milk-based	2.94
296	2025	Infant Formula, Powder, Cow Milk-based	2.73
297	2025	Infant Formula, Powder, Cow Milk-based	*0.89*
298	2025	Infant Formula, Powder, Cow Milk-based	<LOD
299	2025	Infant Formula, Powder, Cow Milk-based	<LOD
300	2025	Infant Formula, Powder, Cow Milk-based	<LOD
301	2025	Infant Formula, Powder, Cow Milk-based	<LOD
302	2025	Infant Formula, Powder, Cow Milk-based	*1.17*
303	2025	Infant Formula, Powder, Cow Milk-based	*2.61*
304	2025	Infant Formula, Powder, Cow Milk-based	<LOD
305	2025	Infant Formula, Powder, Cow Milk-based	*1.13*
306	2025	Infant Formula, Powder, Cow Milk-based	*1.50*
307	2025	Infant Formula, Powder, Cow Milk-based	<LOD
308	2025	Infant Formula, Powder, Cow Milk-based	<LOD
309	2025	Infant Formula, Powder, Cow Milk-based	<LOD
310	2025	Infant Formula, Powder, Cow Milk-based	<LOD
311	2025	Infant Formula, Powder, Cow Milk-based	*1.05*
312	2025	Infant Formula, Powder, Cow Milk-based	*1.02*
313	2025	Infant Formula, Powder, Cow Milk-based	<LOD
314	2025	Infant Formula, Powder, Cow Milk-based	<LOD
315	2025	Infant Formula, Powder, Cow Milk-based	*1.33*
316	2025	Infant Formula, Powder, Cow Milk-based	*1.52*
317	2025	Infant Formula, Powder, Cow Milk-based	*1.70*
318	2025	Infant Formula, Powder, Cow Milk-based	*2.37*
319	2025	Infant Formula, Powder, Cow Milk-based	2.98
320	2025	Infant Formula, Powder, Soy-based	*2.43*
321	2025	Infant Formula, Powder, Cow Milk-based	<LOD
322	2025	Infant Formula, Powder, Cow Milk-based	<LOD
328	2025	Infant Formula, Powder, Cow Milk-based	<LOD
329	2025	Infant Formula, Powder, Cow Milk-based	<LOD
330	2025	Infant Formula, Powder, Cow Milk-based	<LOD
331	2025	Infant Formula, Powder, Cow Milk-based	*1.31*
332	2025	Infant Formula, Powder, Cow Milk-based	*1.26*
336	2025	Infant Formula, Powder, Cow Milk-based	*1.03*
337	2025	Infant Formula, Powder, Soy-based	*2.45*
338	2025	Infant Formula, Powder, Soy-based	*2.21*
339	2025	Infant Formula, Powder, Cow Milk-based	<LOD
340	2025	Infant Formula, Powder, Soy-based	*2.62*
341	2025	Infant Formula, Powder, Cow Milk-based	*0.95*
342	2025	Infant Formula, Powder, Cow Milk-based	<LOD
343	2025	Infant Formula, Powder, Soy-based	2.77
344	2025	Infant Formula, Powder, Soy-based	3.26

[a] Powders, Ready-to-Feed Liquids, and Concentrated Liquids were analyzed as sold. Results are reported as sold, where ppb=parts per billion.

[b] Lead analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (https://www.fda.gov/media/87509/download).
Limits of Quantitation (LOQs) for powders and liquids were 2.67 and 0.27 ppb, respectively; Limits of Detection (LODs) for powders and liquids were 0.88 and 0.09 ppb, respectively.
Results below the LOD are reported as <LOD. Trace values (those greater than the LOD and less than the LOQ) are reported in italics.

Infant formula samples were collected as part of a special survey that consisted of a total of 344 infant formulas and toddler drinks. Data from the toddler drinks will be made available following completion of ongoing testing conducted under the Closer to Zero initiative.

Analytical Results for Cadmium in Infant Formula (FY2023-2025)

The data in this table represent 312 samples of infant formulas tested in FY2023-2025 as part of a special survey.

Sample Number	Fiscal Year	Simplified Product Label	Cadmium Concentration (ppb)[a], [b]
1	2023	Infant Formula, Powder, Cow Milk-based	<LOD
2	2023	Infant Formula, Powder, Cow Milk-based	<LOD
3	2023	Infant Formula, Powder, Cow Milk-based	<LOD
4	2023	Infant Formula, Powder, Cow Milk-based	<LOD
5	2023	Infant Formula, Powder, Cow Milk-based	<LOD
6	2023	Infant Formula, Powder, Cow Milk-based	<LOD
7	2023	Infant Formula, Powder, Cow Milk-based	*2.10*
8	2023	Infant Formula, Powder, Cow Milk-based	<LOD
9	2023	Infant Formula, Powder, Soy-based	5.66
10	2023	Infant Formula, Powder, Cow Milk-based	*2.10*
11	2023	Infant Formula, Powder, Cow Milk-based	2.51
12	2023	Infant Formula, Powder, Cow Milk-based	*2.26*
13	2023	Infant Formula, Powder, Cow Milk-based	*1.41*
14	2023	Infant Formula, Powder, Cow Milk-based	3.76
15	2023	Infant Formula, Powder, Cow Milk-based	*2.35*
16	2023	Infant Formula, Powder, Cow Milk-based	*2.36*
17	2023	Infant Formula, Powder, Cow Milk-based	2.67
18	2023	Infant Formula, Powder, Cow Milk-based	3.85
19	2023	Infant Formula, Powder, Cow Milk-based	4.14
20	2023	Infant Formula, Powder, Cow Milk-based	3.06
21	2023	Infant Formula, Powder, Cow Milk-based	4.66
22	2023	Infant Formula, Powder, Cow Milk-based	2.94
23	2023	Infant Formula, Powder, Cow Milk-based	3.22
24	2023	Infant Formula, Powder, Cow Milk-based	<LOD
25	2023	Infant Formula, Powder, Cow Milk-based	*1.19*
26	2023	Infant Formula, Powder, Cow Milk-based	*1.26*
27	2023	Infant Formula, Powder, Cow Milk-based	<LOD
28	2023	Infant Formula, Powder, Cow Milk-based	<LOD
29	2023	Infant Formula, Powder, Cow Milk-based	<LOD
30	2023	Infant Formula, Powder, Cow Milk-based	<LOD
31	2024	Infant Formula, Powder, Cow Milk-based	<LOD
32	2024	Infant Formula, Powder, Cow Milk-based	*0.99*
33	2024	Infant Formula, Powder, Cow Milk-based	*0.91*
34	2024	Infant Formula, Powder, Cow Milk-based	<LOD
35	2024	Infant Formula, Powder, Cow Milk-based	<LOD
36	2024	Infant Formula, Powder, Cow Milk-based	<LOD
37	2024	Infant Formula, Powder, Cow Milk-based	<LOD
38	2024	Infant Formula, Powder, Cow Milk-based	<LOD
39	2024	Infant Formula, Powder, Cow Milk-based	<LOD
40	2024	Infant Formula, Powder, Cow Milk-based	<LOD
41	2024	Infant Formula, Powder, Cow Milk-based	<LOD
42	2024	Infant Formula, Powder, Cow Milk-based	<LOD
43	2024	Infant Formula, Powder, Cow Milk-based	<LOD
44	2024	Infant Formula, Powder, Cow Milk-based	<LOD
45	2024	Infant Formula, Powder, Cow Milk-based	<LOD
46	2024	Infant Formula, Powder, Cow Milk-based	<LOD
47	2024	Infant Formula, Powder, Cow Milk-based	<LOD
48	2024	Infant Formula, Powder, Cow Milk-based	<LOD
49	2024	Infant Formula, Powder, Cow Milk-based	<LOD
50	2024	Infant Formula, Powder, Cow Milk-based	4.02
51	2024	Infant Formula, Powder, Cow Milk-based	2.95
52	2024	Infant Formula, Powder, Cow Milk-based	3.57
53	2024	Infant Formula, Powder, Cow Milk-based	4.91
55	2024	Infant Formula, Powder, Cow Milk-based	2.60
56	2024	Infant Formula, Powder, Cow Milk-based	2.93
57	2024	Infant Formula, Powder, Cow Milk-based	*1.89*
58	2024	Infant Formula, Powder, Soy-based	5.79
59	2024	Infant Formula, Powder, Cow Milk-based	3.21
60	2024	Infant Formula, Powder, Cow Milk-based	<LOD
61	2024	Infant Formula, Powder, Cow Milk-based	<LOD
62	2024	Infant Formula, Powder, Cow Milk-based	*1.69*
63	2024	Infant Formula, Powder, Cow Milk-based	<LOD
64	2024	Infant Formula, Powder, Cow Milk-based	<LOD
65	2024	Infant Formula, Powder, Cow Milk-based	3.01
66	2024	Infant Formula, Powder, Soy-based	8.36
67	2024	Infant Formula, Powder, Cow Milk-based	<LOD
68	2024	Infant Formula, Powder, Cow Milk-based	3.97
69	2024	Infant Formula, Powder, Soy-based	4.15
70	2024	Infant Formula, Powder, Cow Milk-based	<LOD
72	2024	Infant Formula, Powder, Cow Milk-based	*1.73*
73	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.52
74	2024	Infant Formula, Powder, Cow Milk-based	2.63
75	2024	Infant Formula, Powder, Cow Milk-based	5.24
76	2024	Infant Formula, Powder, Cow Milk-based	<LOD
77	2024	Infant Formula, Powder, Soy-based	10.4
78	2024	Infant Formula, Powder, Cow Milk-based	*2.02*
79	2024	Infant Formula, Powder, Cow Milk-based	*1.10*
80	2024	Infant Formula, Powder, Cow Milk-based	*2.15*
81	2024	Infant Formula, Powder, Cow Milk-based	3.35

82	2024	Infant Formula, Powder, Soy-based	8.06
85	2024	Infant Formula, Powder, Cow Milk-based	*2.47*
86	2024	Infant Formula, Powder, Cow Milk-based	2.51
87	2024	Infant Formula, Powder, Cow Milk-based	*1.16*
88	2024	Infant Formula, Powder, Soy-based	5.01
89	2024	Infant Formula, Powder, Cow Milk-based	<LOD
90	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
91	2024	Infant Formula, Powder, Cow Milk-based	2.88
92	2024	Infant Formula, Powder, Cow Milk-based	*2.20*
93	2024	Infant Formula, Powder, Cow Milk-based	3.24
94	2024	Infant Formula, Powder, Cow Milk-based	3.96
95	2024	Infant Formula, Powder, Cow Milk-based	*1.62*
96	2024	Infant Formula, Powder, Soy-based	6.61
97	2024	Infant Formula, Powder, Cow Milk-based	2.76
98	2024	Infant Formula, Powder, Cow Milk-based	*1.96*
99	2024	Infant Formula, Powder, Cow Milk-based	<LOD
100	2024	Infant Formula, Powder, Cow Milk-based	<LOD
101	2024	Infant Formula, Powder, Cow Milk-based	*2.17*
102	2024	Infant Formula, Powder, Cow Milk-based	<LOD
103	2024	Infant Formula, Powder, Soy-based	4.26
104	2024	Infant Formula, Powder, Cow Milk-based	4.24
105	2024	Infant Formula, Powder, Cow Milk-based	*1.15*
106	2024	Infant Formula, Ready-to-Feed Liquid, Soy-based	0.93
107	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.16*
108	2024	Infant Formula, Powder, Cow Milk-based	<LOD
109	2024	Infant Formula, Powder, Cow Milk-based	<LOD
110	2024	Infant Formula, Powder, Cow Milk-based	*1.89*
111	2024	Infant Formula, Powder, Soy-based	6.58
112	2024	Infant Formula, Powder, Cow Milk-based	*1.59*
113	2024	Infant Formula, Powder, Cow Milk-based	<LOD
114	2024	Infant Formula, Powder, Cow Milk-based	<LOD
115	2024	Infant Formula, Powder, Cow Milk-based	<LOD
116	2024	Infant Formula, Powder, Cow Milk-based	<LOD
117	2024	Infant Formula, Powder, Cow Milk-based	<LOD
120	2024	Infant Formula, Powder, Cow Milk-based	2.79
121	2024	Infant Formula, Powder, Cow Milk-based	3.02
122	2024	Infant Formula, Powder, Cow Milk-based	<LOD
123	2024	Infant Formula, Powder, Cow Milk-based	<LOD
124	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.91
125	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.68
126	2024	Infant Formula, Powder, Soy-based	9.64
127	2024	Infant Formula, Powder, Soy-based	10.8
128	2024	Infant Formula, Powder, Soy-based	6.47
129	2024	Infant Formula, Powder, Soy-based	8.02
130	2024	Infant Formula, Powder, Cow Milk-based	8.41
131	2025	Infant Formula, Powder, Cow Milk-based	<LOD
132	2025	Infant Formula, Powder, Cow Milk-based	<LOD
133	2025	Infant Formula, Concentrated Liquid, Soy-based	2.99
134	2025	Infant Formula, Ready-to-Feed Liquid, Soy-based	1.15
135	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
136	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
137	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.25
138	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.36
139	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
140	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
141	2025	Infant Formula, Ready-to-Feed Liquid, Soy-based	0.78
142	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.44
143	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.48
144	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	*0.09*
145	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
146	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
147	2025	Infant Formula, Powder, Cow Milk-based	<LOD
148	2025	Infant Formula, Powder, Cow Milk-based	6.03
149	2025	Infant Formula, Powder, Cow Milk-based	2.65
150	2025	Infant Formula, Powder, Cow Milk-based	*1.25*
151	2025	Infant Formula, Powder, Soy-based	5.67
152	2025	Infant Formula, Powder, Cow Milk-based	<LOD
154	2025	Infant Formula, Powder, Cow Milk-based	<LOD
155	2025	Infant Formula, Powder, Amino Acid-based	*0.91*
157	2025	Infant Formula, Powder, Soy-based	7.79
158	2025	Infant Formula, Powder, Cow Milk-based	*2.12*
159	2025	Infant Formula, Powder, Cow Milk-based	*1.51*
160	2025	Infant Formula, Powder, Cow Milk-based	<LOD
161	2025	Infant Formula, Powder, Cow Milk-based	*1.55*
162	2025	Infant Formula, Powder, Soy-based	3.23
163	2025	Infant Formula, Powder, Cow Milk-based	9.35
164	2025	Infant Formula, Powder, Cow Milk-based	<LOD
165	2025	Infant Formula, Powder, Cow Milk-based	<LOD
166	2025	Infant Formula, Powder, Cow Milk-based	<LOD
167	2025	Infant Formula, Powder, Cow Milk-based	3.46
168	2025	Infant Formula, Powder, Cow Milk-based	3.23
170	2025	Infant Formula, Powder, Amino Acid-based	<LOD
171	2025	Infant Formula, Powder, Cow Milk-based	*1.24*

172	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.66
173	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
174	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
175	2025	Infant Formula, Concentrated Liquid, Soy-based	2.62
176	2025	Infant Formula, Concentrated Liquid, Soy-based	2.59
177	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
178	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.58
179	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
180	2025	Infant Formula, Powder, Amino Acid-based	<LOD
181	2025	Infant Formula, Powder, Amino Acid-based	<LOD
182	2025	Infant Formula, Powder, Soy-based	8.76
183	2025	Infant Formula, Powder, Cow Milk-based	2.93
184	2025	Infant Formula, Powder, Cow Milk-based	<LOD
185	2025	Infant Formula, Powder, Cow Milk-based	<LOD
186	2025	Infant Formula, Powder, Cow Milk-based	2.93
187	2025	Infant Formula, Powder, Cow Milk-based	<LOD
188	2025	Infant Formula, Powder, Cow Milk-based	*0.96*
189	2025	Infant Formula, Powder, Cow Milk-based	*2.34*
190	2025	Infant Formula, Powder, Cow Milk-based	*1.58*
191	2025	Infant Formula, Powder, Soy-based	7.05
196	2025	Infant Formula, Powder, Amino Acid-based	*0.97*
199	2025	Infant Formula, Powder, Cow Milk-based	<LOD
200	2025	Infant Formula, Powder, Cow Milk-based	<LOD
201	2025	Infant Formula, Powder, Soy-based	9.03
202	2025	Infant Formula, Powder, Soy-based	8.69
203	2025	Infant Formula, Powder, Soy-based	8.70
204	2025	Infant Formula, Powder, Cow Milk-based	3.39
205	2025	Infant Formula, Powder, Cow Milk-based	2.99
206	2025	Infant Formula, Powder, Cow Milk-based	<LOD
207	2025	Infant Formula, Powder, Cow Milk-based	<LOD
208	2025	Infant Formula, Powder, Cow Milk-based	<LOD
209	2025	Infant Formula, Powder, Soy-based	5.81
210	2025	Infant Formula, Powder, Cow Milk-based	*1.49*
211	2025	Infant Formula, Powder, Cow Milk-based	*1.39*
212	2025	Infant Formula, Powder, Cow Milk-based	3.12
213	2025	Infant Formula, Powder, Cow Milk-based	2.88
214	2025	Infant Formula, Powder, Cow Milk-based	2.53
215	2025	Infant Formula, Powder, Cow Milk-based	*1.93*
216	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
217	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.62
218	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	*0.16*
219	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
220	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	0.76
221	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	0.58
222	2025	Infant Formula, Powder, Cow Milk-based	*1.41*
223	2025	Infant Formula, Powder, Cow Milk-based	3.09
224	2025	Infant Formula, Powder, Cow Milk-based	*1.62*
225	2025	Infant Formula, Powder, Cow Milk-based	3.56
226	2025	Infant Formula, Powder, Cow Milk-based	*1.89*
227	2025	Infant Formula, Powder, Cow Milk-based	*1.32*
228	2025	Infant Formula, Powder, Cow Milk-based	*1.01*
229	2025	Infant Formula, Powder, Amino Acid-based	<LOD
230	2025	Infant Formula, Powder, Amino Acid-based	<LOD
231	2025	Infant Formula, Powder, Soy-based	4.40
232	2025	Infant Formula, Powder, Cow Milk-based	<LOD
234	2025	Infant Formula, Powder, Cow Milk-based	*1.98*
235	2025	Infant Formula, Powder, Cow Milk-based	<LOD
236	2025	Infant Formula, Powder, Cow Milk-based	<LOD
237	2025	Infant Formula, Powder, Cow Milk-based	*1.07*
238	2025	Infant Formula, Powder, Amino Acid-based	<LOD
239	2025	Infant Formula, Powder, Soy-based	8.19
240	2025	Infant Formula, Powder, Cow Milk-based	*2.39*
241	2025	Infant Formula, Powder, Amino Acid-based	<LOD
243	2025	Infant Formula, Powder, Soy-based	3.66
244	2025	Infant Formula, Powder, Cow Milk-based	<LOD
245	2025	Infant Formula, Powder, Soy-based	3.26
246	2025	Infant Formula, Powder, Cow Milk-based	2.78
247	2025	Infant Formula, Powder, Cow Milk-based	*2.37*
248	2025	Infant Formula, Powder, Cow Milk-based	*1.93*
249	2025	Infant Formula, Powder, Cow Milk-based	*1.24*
250	2025	Infant Formula, Powder, Soy-based	9.04
251	2025	Infant Formula, Powder, Cow Milk-based	<LOD
252	2025	Infant Formula, Powder, Cow Milk-based	3.37
253	2025	Infant Formula, Powder, Cow Milk-based	3.39
254	2025	Infant Formula, Powder, Soy-based	8.84
255	2025	Infant Formula, Powder, Cow Milk-based	<LOD
256	2025	Infant Formula, Powder, Cow Milk-based	3.10
257	2025	Infant Formula, Powder, Cow Milk-based	2.84
263	2025	Infant Formula, Powder, Cow Milk-based	*1.34*
264	2025	Infant Formula, Powder, Amino Acid-based	<LOD
265	2025	Infant Formula, Powder, Soy-based	3.01
266	2025	Infant Formula, Powder, Cow Milk-based	<LOD
267	2025	Infant Formula, Powder, Cow Milk-based	*1.85*

268	2025	Infant Formula, Powder, Cow Milk-based	*2.02*
269	2025	Infant Formula, Powder, Cow Milk-based	*1.01*
270	2025	Infant Formula, Powder, Cow Milk-based	2.56
271	2025	Infant Formula, Powder, Cow Milk-based	2.93
272	2025	Infant Formula, Powder, Cow Milk-based	*2.33*
273	2025	Infant Formula, Powder, Cow Milk-based	*2.25*
274	2025	Infant Formula, Powder, Cow Milk-based	*1.88*
275	2025	Infant Formula, Powder, Cow Milk-based	*1.10*
276	2025	Infant Formula, Powder, Cow Milk-based	3.84
277	2025	Infant Formula, Powder, Cow Milk-based	*2.12*
280	2025	Infant Formula, Powder, Soy-based	5.55
281	2025	Infant Formula, Powder, Cow Milk-based	*1.24*
282	2025	Infant Formula, Powder, Soy-based	4.35
283	2025	Infant Formula, Powder, Cow Milk-based	3.30
284	2025	Infant Formula, Powder, Cow Milk-based	3.92
285	2025	Infant Formula, Powder, Cow Milk-based	*1.25*
286	2025	Infant Formula, Powder, Cow Milk-based	<LOD
287	2025	Infant Formula, Powder, Cow Milk-based	*1.20*
288	2025	Infant Formula, Powder, Cow Milk-based	2.77
289	2025	Infant Formula, Powder, Cow Milk-based	*1.66*
290	2025	Infant Formula, Powder, Cow Milk-based	<LOD
291	2025	Infant Formula, Powder, Cow Milk-based	<LOD
292	2025	Infant Formula, Powder, Cow Milk-based	3.09
293	2025	Infant Formula, Powder, Cow Milk-based	3.76
294	2025	Infant Formula, Powder, Cow Milk-based	*1.22*
295	2025	Infant Formula, Powder, Cow Milk-based	*1.71*
296	2025	Infant Formula, Powder, Cow Milk-based	<LOD
297	2025	Infant Formula, Powder, Cow Milk-based	*1.64*
298	2025	Infant Formula, Powder, Cow Milk-based	*1.70*
299	2025	Infant Formula, Powder, Cow Milk-based	*1.49*
300	2025	Infant Formula, Powder, Cow Milk-based	*1.61*
301	2025	Infant Formula, Powder, Cow Milk-based	3.09
302	2025	Infant Formula, Powder, Cow Milk-based	<LOD
303	2025	Infant Formula, Powder, Cow Milk-based	<LOD
304	2025	Infant Formula, Powder, Cow Milk-based	3.47
305	2025	Infant Formula, Powder, Cow Milk-based	*1.65*
306	2025	Infant Formula, Powder, Cow Milk-based	<LOD
307	2025	Infant Formula, Powder, Cow Milk-based	3.40
308	2025	Infant Formula, Powder, Cow Milk-based	*1.34*
309	2025	Infant Formula, Powder, Cow Milk-based	*1.63*
310	2025	Infant Formula, Powder, Cow Milk-based	*1.73*
311	2025	Infant Formula, Powder, Cow Milk-based	*2.41*
312	2025	Infant Formula, Powder, Cow Milk-based	*2.35*
313	2025	Infant Formula, Powder, Cow Milk-based	2.72
314	2025	Infant Formula, Powder, Cow Milk-based	*1.81*
315	2025	Infant Formula, Powder, Cow Milk-based	<LOD
316	2025	Infant Formula, Powder, Cow Milk-based	<LOD
317	2025	Infant Formula, Powder, Cow Milk-based	<LOD
318	2025	Infant Formula, Powder, Cow Milk-based	*1.71*
319	2025	Infant Formula, Powder, Cow Milk-based	*1.18*
320	2025	Infant Formula, Powder, Soy-based	4.03
321	2025	Infant Formula, Powder, Cow Milk-based	<LOD
322	2025	Infant Formula, Powder, Cow Milk-based	*0.87*
328	2025	Infant Formula, Powder, Cow Milk-based	3.35
329	2025	Infant Formula, Powder, Cow Milk-based	*1.70*
330	2025	Infant Formula, Powder, Cow Milk-based	*1.98*
331	2025	Infant Formula, Powder, Cow Milk-based	2.73
332	2025	Infant Formula, Powder, Cow Milk-based	2.58
336	2025	Infant Formula, Powder, Cow Milk-based	<LOD
337	2025	Infant Formula, Powder, Soy-based	4.75
338	2025	Infant Formula, Powder, Soy-based	3.54
339	2025	Infant Formula, Powder, Cow Milk-based	*1.79*
340	2025	Infant Formula, Powder, Soy-based	5.12
341	2025	Infant Formula, Powder, Cow Milk-based	2.62
342	2025	Infant Formula, Powder, Cow Milk-based	4.32
343	2025	Infant Formula, Powder, Soy-based	3.71
344	2025	Infant Formula, Powder, Soy-based	4.04

[a] Powders, Ready-to-Feed Liquids, and Concentrated Liquids were analyzed as sold. Results are reported as sold, where ppb=parts per billion.

[b] Cadmium analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (https://www.fda.gov/media/87509/download).
Limits of Quantitation (LOQs) for powders and liquids were 2.50 and 0.25 ppb, respectively; Limits of Detection (LODs) for powders and liquids were 0.83 and 0.08 ppb, respectively.
Results below the LOD are reported as <LOD. Trace values (those greater than the LOD and less than the LOQ) are reported in italics.

Infant formula samples were collected as part of a special survey that consisted of a total of 344 infant formulas and toddler drinks. Data from the toddler drinks will be made available following completion of ongoing testing conducted under the Closer to Zero initiative.

Analytical Results for Mercury in Infant Formula (FY2023-2025)

The data in this table represent 312 samples of infant formulas tested in FY2023-2025 as part of a special survey.

Sample Number	Fiscal Year	Simplified Product Label	Mercury Concentration (ppb)[a], [b]
1	2023	Infant Formula, Powder, Cow Milk-based	<LOD
2	2023	Infant Formula, Powder, Cow Milk-based	<LOD
3	2023	Infant Formula, Powder, Cow Milk-based	<LOD
4	2023	Infant Formula, Powder, Cow Milk-based	<LOD
5	2023	Infant Formula, Powder, Cow Milk-based	<LOD
6	2023	Infant Formula, Powder, Cow Milk-based	<LOD
7	2023	Infant Formula, Powder, Cow Milk-based	<LOD
8	2023	Infant Formula, Powder, Cow Milk-based	<LOD
9	2023	Infant Formula, Powder, Soy-based	<LOD
10	2023	Infant Formula, Powder, Cow Milk-based	<LOD
11	2023	Infant Formula, Powder, Cow Milk-based	<LOD
12	2023	Infant Formula, Powder, Cow Milk-based	<LOD
13	2023	Infant Formula, Powder, Cow Milk-based	<LOD
14	2023	Infant Formula, Powder, Cow Milk-based	<LOD
15	2023	Infant Formula, Powder, Cow Milk-based	<LOD
16	2023	Infant Formula, Powder, Cow Milk-based	<LOD
17	2023	Infant Formula, Powder, Cow Milk-based	<LOD
18	2023	Infant Formula, Powder, Cow Milk-based	<LOD
19	2023	Infant Formula, Powder, Cow Milk-based	<LOD
20	2023	Infant Formula, Powder, Cow Milk-based	<LOD
21	2023	Infant Formula, Powder, Cow Milk-based	<LOD
22	2023	Infant Formula, Powder, Cow Milk-based	<LOD
23	2023	Infant Formula, Powder, Cow Milk-based	<LOD
24	2023	Infant Formula, Powder, Cow Milk-based	<LOD
25	2023	Infant Formula, Powder, Cow Milk-based	<LOD
26	2023	Infant Formula, Powder, Cow Milk-based	<LOD
27	2023	Infant Formula, Powder, Cow Milk-based	<LOD
28	2023	Infant Formula, Powder, Cow Milk-based	<LOD
29	2023	Infant Formula, Powder, Cow Milk-based	<LOD
30	2023	Infant Formula, Powder, Cow Milk-based	<LOD
31	2024	Infant Formula, Powder, Cow Milk-based	<LOD
32	2024	Infant Formula, Powder, Cow Milk-based	<LOD
33	2024	Infant Formula, Powder, Cow Milk-based	<LOD
34	2024	Infant Formula, Powder, Cow Milk-based	<LOD
35	2024	Infant Formula, Powder, Cow Milk-based	<LOD
36	2024	Infant Formula, Powder, Cow Milk-based	<LOD
37	2024	Infant Formula, Powder, Cow Milk-based	<LOD
38	2024	Infant Formula, Powder, Cow Milk-based	<LOD
39	2024	Infant Formula, Powder, Cow Milk-based	<LOD
40	2024	Infant Formula, Powder, Cow Milk-based	<LOD
41	2024	Infant Formula, Powder, Cow Milk-based	<LOD
42	2024	Infant Formula, Powder, Cow Milk-based	<LOD
43	2024	Infant Formula, Powder, Cow Milk-based	<LOD
44	2024	Infant Formula, Powder, Cow Milk-based	<LOD
45	2024	Infant Formula, Powder, Cow Milk-based	<LOD
46	2024	Infant Formula, Powder, Cow Milk-based	<LOD
47	2024	Infant Formula, Powder, Cow Milk-based	<LOD
48	2024	Infant Formula, Powder, Cow Milk-based	<LOD
49	2024	Infant Formula, Powder, Cow Milk-based	<LOD
50	2024	Infant Formula, Powder, Cow Milk-based	<LOD
51	2024	Infant Formula, Powder, Cow Milk-based	<LOD
52	2024	Infant Formula, Powder, Cow Milk-based	<LOD
53	2024	Infant Formula, Powder, Cow Milk-based	<LOD
55	2024	Infant Formula, Powder, Cow Milk-based	<LOD
56	2024	Infant Formula, Powder, Cow Milk-based	<LOD
57	2024	Infant Formula, Powder, Cow Milk-based	<LOD
58	2024	Infant Formula, Powder, Soy-based	<LOD
59	2024	Infant Formula, Powder, Cow Milk-based	<LOD
213	2025	Infant Formula, Powder, Cow Milk-based	*0.56*
61	2024	Infant Formula, Powder, Cow Milk-based	<LOD
62	2024	Infant Formula, Powder, Cow Milk-based	<LOD
63	2024	Infant Formula, Powder, Cow Milk-based	<LOD
64	2024	Infant Formula, Powder, Cow Milk-based	<LOD
65	2024	Infant Formula, Powder, Cow Milk-based	<LOD
66	2024	Infant Formula, Powder, Soy-based	*0.62*
67	2024	Infant Formula, Powder, Cow Milk-based	<LOD
68	2024	Infant Formula, Powder, Cow Milk-based	<LOD
69	2024	Infant Formula, Powder, Soy-based	<LOD
70	2024	Infant Formula, Powder, Cow Milk-based	<LOD
72	2024	Infant Formula, Powder, Cow Milk-based	<LOD
73	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
74	2024	Infant Formula, Powder, Cow Milk-based	<LOD
75	2024	Infant Formula, Powder, Cow Milk-based	<LOD
76	2024	Infant Formula, Powder, Cow Milk-based	<LOD
77	2024	Infant Formula, Powder, Soy-based	<LOD
78	2024	Infant Formula, Powder, Cow Milk-based	<LOD
79	2024	Infant Formula, Powder, Cow Milk-based	<LOD
80	2024	Infant Formula, Powder, Cow Milk-based	<LOD
81	2024	Infant Formula, Powder, Cow Milk-based	<LOD

82	2024	Infant Formula, Powder, Soy-based	<LOD
85	2024	Infant Formula, Powder, Cow Milk-based	<LOD
86	2024	Infant Formula, Powder, Cow Milk-based	<LOD
87	2024	Infant Formula, Powder, Cow Milk-based	<LOD
88	2024	Infant Formula, Powder, Soy-based	<LOD
89	2024	Infant Formula, Powder, Cow Milk-based	<LOD
90	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
91	2024	Infant Formula, Powder, Cow Milk-based	<LOD
92	2024	Infant Formula, Powder, Cow Milk-based	<LOD
93	2024	Infant Formula, Powder, Cow Milk-based	<LOD
94	2024	Infant Formula, Powder, Cow Milk-based	<LOD
95	2024	Infant Formula, Powder, Cow Milk-based	<LOD
96	2024	Infant Formula, Powder, Soy-based	<LOD
97	2024	Infant Formula, Powder, Cow Milk-based	<LOD
98	2024	Infant Formula, Powder, Cow Milk-based	<LOD
99	2024	Infant Formula, Powder, Cow Milk-based	<LOD
100	2024	Infant Formula, Powder, Cow Milk-based	<LOD
101	2024	Infant Formula, Powder, Cow Milk-based	<LOD
102	2024	Infant Formula, Powder, Cow Milk-based	<LOD
103	2024	Infant Formula, Powder, Soy-based	<LOD
104	2024	Infant Formula, Powder, Cow Milk-based	<LOD
105	2024	Infant Formula, Powder, Cow Milk-based	<LOD
106	2024	Infant Formula, Ready-to-Feed Liquid, Soy-based	<LOD
107	2024	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
108	2024	Infant Formula, Powder, Cow Milk-based	<LOD
109	2024	Infant Formula, Powder, Cow Milk-based	<LOD
110	2024	Infant Formula, Powder, Cow Milk-based	<LOD
111	2024	Infant Formula, Powder, Soy-based	<LOD
112	2024	Infant Formula, Powder, Cow Milk-based	<LOD
113	2024	Infant Formula, Powder, Cow Milk-based	<LOD
114	2024	Infant Formula, Powder, Cow Milk-based	<LOD
115	2024	Infant Formula, Powder, Cow Milk-based	<LOD
116	2024	Infant Formula, Powder, Cow Milk-based	<LOD
117	2024	Infant Formula, Powder, Cow Milk-based	<LOD
120	2024	Infant Formula, Powder, Cow Milk-based	<LOD
121	2024	Infant Formula, Powder, Cow Milk-based	<LOD
122	2024	Infant Formula, Powder, Cow Milk-based	<LOD
123	2024	Infant Formula, Powder, Cow Milk-based	<LOD
124	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
125	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
126	2024	Infant Formula, Powder, Soy-based	<LOD
127	2024	Infant Formula, Powder, Soy-based	<LOD
128	2024	Infant Formula, Powder, Soy-based	<LOD
129	2024	Infant Formula, Powder, Soy-based	<LOD
130	2024	Infant Formula, Powder, Cow Milk-based	<LOD
131	2025	Infant Formula, Powder, Cow Milk-based	<LOD
132	2025	Infant Formula, Powder, Cow Milk-based	<LOD
133	2025	Infant Formula, Concentrated Liquid, Soy-based	*0.09*
134	2025	Infant Formula, Ready-to-Feed Liquid, Soy-based	<LOD
135	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
136	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
137	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
138	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
139	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
140	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
141	2025	Infant Formula, Ready-to-Feed Liquid, Soy-based	*0.08*
142	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
143	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
144	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
145	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
146	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
147	2025	Infant Formula, Powder, Cow Milk-based	<LOD
148	2025	Infant Formula, Powder, Cow Milk-based	<LOD
149	2025	Infant Formula, Powder, Cow Milk-based	<LOD
150	2025	Infant Formula, Powder, Cow Milk-based	<LOD
151	2025	Infant Formula, Powder, Soy-based	<LOD
152	2025	Infant Formula, Powder, Cow Milk-based	<LOD
154	2025	Infant Formula, Powder, Cow Milk-based	<LOD
155	2025	Infant Formula, Powder, Amino Acid-based	<LOD
157	2025	Infant Formula, Powder, Soy-based	<LOD
158	2025	Infant Formula, Powder, Cow Milk-based	<LOD
159	2025	Infant Formula, Powder, Cow Milk-based	<LOD
160	2025	Infant Formula, Powder, Cow Milk-based	<LOD
161	2025	Infant Formula, Powder, Cow Milk-based	<LOD
162	2025	Infant Formula, Powder, Soy-based	<LOD
163	2025	Infant Formula, Powder, Cow Milk-based	<LOD
164	2025	Infant Formula, Powder, Cow Milk-based	<LOD
165	2025	Infant Formula, Powder, Cow Milk-based	<LOD
166	2025	Infant Formula, Powder, Cow Milk-based	<LOD
167	2025	Infant Formula, Powder, Cow Milk-based	<LOD
168	2025	Infant Formula, Powder, Cow Milk-based	<LOD
203	2025	Infant Formula, Powder, Soy-based	*0.65*
171	2025	Infant Formula, Powder, Cow Milk-based	<LOD

172	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
173	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
174	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
175	2025	Infant Formula, Concentrated Liquid, Soy-based	<LOD
176	2025	Infant Formula, Concentrated Liquid, Soy-based	<LOD
177	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
178	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
179	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
212	2025	Infant Formula, Powder, Cow Milk-based	*0.76*
170	2025	Infant Formula, Powder, Amino Acid-based	*0.94*
182	2025	Infant Formula, Powder, Soy-based	<LOD
183	2025	Infant Formula, Powder, Cow Milk-based	<LOD
184	2025	Infant Formula, Powder, Cow Milk-based	<LOD
185	2025	Infant Formula, Powder, Cow Milk-based	<LOD
186	2025	Infant Formula, Powder, Cow Milk-based	<LOD
187	2025	Infant Formula, Powder, Cow Milk-based	<LOD
188	2025	Infant Formula, Powder, Cow Milk-based	<LOD
189	2025	Infant Formula, Powder, Cow Milk-based	<LOD
190	2025	Infant Formula, Powder, Cow Milk-based	<LOD
241	2025	Infant Formula, Powder, Amino Acid-based	*1.08*
196	2025	Infant Formula, Powder, Amino Acid-based	<LOD
199	2025	Infant Formula, Powder, Cow Milk-based	<LOD
200	2025	Infant Formula, Powder, Cow Milk-based	<LOD
201	2025	Infant Formula, Powder, Soy-based	<LOD
202	2025	Infant Formula, Powder, Soy-based	<LOD
230	2025	Infant Formula, Powder, Amino Acid-based	*1.13*
204	2025	Infant Formula, Powder, Cow Milk-based	<LOD
205	2025	Infant Formula, Powder, Cow Milk-based	<LOD
206	2025	Infant Formula, Powder, Cow Milk-based	<LOD
207	2025	Infant Formula, Powder, Cow Milk-based	<LOD
208	2025	Infant Formula, Powder, Cow Milk-based	<LOD
209	2025	Infant Formula, Powder, Soy-based	<LOD
210	2025	Infant Formula, Powder, Cow Milk-based	<LOD
211	2025	Infant Formula, Powder, Cow Milk-based	<LOD
180	2025	Infant Formula, Powder, Amino Acid-based	*1.19*
282	2025	Infant Formula, Powder, Soy-based	*1.26*
214	2025	Infant Formula, Powder, Cow Milk-based	<LOD
215	2025	Infant Formula, Powder, Cow Milk-based	<LOD
216	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
217	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
218	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
219	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
220	2025	Infant Formula, Concentrated Liquid, Cow Milk-based	<LOD
221	2025	Infant Formula, Ready-to-Feed Liquid, Cow Milk-based	<LOD
222	2025	Infant Formula, Powder, Cow Milk-based	<LOD
223	2025	Infant Formula, Powder, Cow Milk-based	<LOD
224	2025	Infant Formula, Powder, Cow Milk-based	<LOD
225	2025	Infant Formula, Powder, Cow Milk-based	<LOD
226	2025	Infant Formula, Powder, Cow Milk-based	<LOD
227	2025	Infant Formula, Powder, Cow Milk-based	<LOD
228	2025	Infant Formula, Powder, Cow Milk-based	<LOD
181	2025	Infant Formula, Powder, Amino Acid-based	*1.41*
229	2025	Infant Formula, Powder, Amino Acid-based	1.92
231	2025	Infant Formula, Powder, Soy-based	<LOD
232	2025	Infant Formula, Powder, Cow Milk-based	<LOD
234	2025	Infant Formula, Powder, Cow Milk-based	<LOD
235	2025	Infant Formula, Powder, Cow Milk-based	<LOD
236	2025	Infant Formula, Powder, Cow Milk-based	<LOD
237	2025	Infant Formula, Powder, Cow Milk-based	<LOD
60	2024	Infant Formula, Powder, Cow Milk-based	1.97
239	2025	Infant Formula, Powder, Soy-based	<LOD
240	2025	Infant Formula, Powder, Cow Milk-based	<LOD
238	2025	Infant Formula, Powder, Amino Acid-based	2.01
243	2025	Infant Formula, Powder, Soy-based	<LOD
244	2025	Infant Formula, Powder, Cow Milk-based	<LOD
245	2025	Infant Formula, Powder, Soy-based	<LOD
246	2025	Infant Formula, Powder, Cow Milk-based	<LOD
247	2025	Infant Formula, Powder, Cow Milk-based	<LOD
248	2025	Infant Formula, Powder, Cow Milk-based	<LOD
249	2025	Infant Formula, Powder, Cow Milk-based	<LOD
250	2025	Infant Formula, Powder, Soy-based	<LOD
251	2025	Infant Formula, Powder, Cow Milk-based	<LOD
252	2025	Infant Formula, Powder, Cow Milk-based	<LOD
253	2025	Infant Formula, Powder, Cow Milk-based	<LOD
254	2025	Infant Formula, Powder, Soy-based	<LOD
255	2025	Infant Formula, Powder, Cow Milk-based	<LOD
256	2025	Infant Formula, Powder, Cow Milk-based	<LOD
257	2025	Infant Formula, Powder, Cow Milk-based	<LOD
263	2025	Infant Formula, Powder, Cow Milk-based	<LOD
264	2025	Infant Formula, Powder, Amino Acid-based	<LOD
265	2025	Infant Formula, Powder, Soy-based	<LOD
266	2025	Infant Formula, Powder, Cow Milk-based	<LOD
267	2025	Infant Formula, Powder, Cow Milk-based	<LOD

268	2025	Infant Formula, Powder, Cow Milk-based	<LOD
269	2025	Infant Formula, Powder, Cow Milk-based	<LOD
270	2025	Infant Formula, Powder, Cow Milk-based	<LOD
271	2025	Infant Formula, Powder, Cow Milk-based	<LOD
272	2025	Infant Formula, Powder, Cow Milk-based	<LOD
273	2025	Infant Formula, Powder, Cow Milk-based	<LOD
274	2025	Infant Formula, Powder, Cow Milk-based	<LOD
275	2025	Infant Formula, Powder, Cow Milk-based	<LOD
276	2025	Infant Formula, Powder, Cow Milk-based	<LOD
277	2025	Infant Formula, Powder, Cow Milk-based	<LOD
280	2025	Infant Formula, Powder, Soy-based	<LOD
281	2025	Infant Formula, Powder, Cow Milk-based	<LOD
191	2025	Infant Formula, Powder, Soy-based	2.05
283	2025	Infant Formula, Powder, Cow Milk-based	<LOD
284	2025	Infant Formula, Powder, Cow Milk-based	<LOD
285	2025	Infant Formula, Powder, Cow Milk-based	<LOD
286	2025	Infant Formula, Powder, Cow Milk-based	<LOD
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289	2025	Infant Formula, Powder, Cow Milk-based	<LOD
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291	2025	Infant Formula, Powder, Cow Milk-based	<LOD
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308	2025	Infant Formula, Powder, Cow Milk-based	<LOD
309	2025	Infant Formula, Powder, Cow Milk-based	<LOD
310	2025	Infant Formula, Powder, Cow Milk-based	<LOD
311	2025	Infant Formula, Powder, Cow Milk-based	<LOD
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317	2025	Infant Formula, Powder, Cow Milk-based	<LOD
318	2025	Infant Formula, Powder, Cow Milk-based	<LOD
319	2025	Infant Formula, Powder, Cow Milk-based	<LOD
320	2025	Infant Formula, Powder, Soy-based	<LOD
321	2025	Infant Formula, Powder, Cow Milk-based	<LOD
322	2025	Infant Formula, Powder, Cow Milk-based	<LOD
328	2025	Infant Formula, Powder, Cow Milk-based	<LOD
329	2025	Infant Formula, Powder, Cow Milk-based	<LOD
330	2025	Infant Formula, Powder, Cow Milk-based	<LOD
331	2025	Infant Formula, Powder, Cow Milk-based	<LOD
332	2025	Infant Formula, Powder, Cow Milk-based	<LOD
336	2025	Infant Formula, Powder, Cow Milk-based	<LOD
337	2025	Infant Formula, Powder, Soy-based	<LOD
338	2025	Infant Formula, Powder, Soy-based	<LOD
339	2025	Infant Formula, Powder, Cow Milk-based	<LOD
340	2025	Infant Formula, Powder, Soy-based	<LOD
341	2025	Infant Formula, Powder, Cow Milk-based	<LOD
342	2025	Infant Formula, Powder, Cow Milk-based	<LOD
343	2025	Infant Formula, Powder, Soy-based	<LOD
344	2025	Infant Formula, Powder, Soy-based	<LOD

[a] Powders, Ready-to-Feed Liquids, and Concentrated Liquids were analyzed as sold. Results are reported as sold, where ppb=parts per billion.

[b] Mercury analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (https://www.fda.gov/media/87509/download).
Limits of Quantitation (LOQs) for powders and liquids were 1.64 and 0.16 ppb, respectively; Limits of Detection (LODs) for powders and liquids were 0.54 and 0.05 ppb, respectively.
Results below the LOD are reported as <LOD. Trace values (those greater than the LOD and less than the LOQ) are reported in italics.

Infant formula samples were collected as part of a special survey that consisted of a total of 344 infant formluas and toddler drinks. Data from the toddler drinks will be made available following completion of ongoning testing conducted under the Closer to Zero initiative.