

Table 10-2. Daily intake (mg/day/person) of food additives by food category for older children (7-14 year olds).

Compound	Group A/B *	7-14 year olds							Total Intake
		I. Seasonings and beverages	II. Cereals	III. Potatoes, legumes and nuts	IV. Fish/shellfish and meat	V. Fats/oils and milk/milk products	VI. Sugar and confections/savories	VII. Fruits, vegetables, and seaweeds	
Food Intake (g)		119.43	243.26	147.19	200.31	340.41	46.73	354.99	1452.32
Aspartame	A	1.11468	0	0	0	0	1.183826667	0	2.298506667
Xylitol	B	1.1943	0	0	0	0	15.8882	0	17.0825
Glycyrrhizine	B	0.2281113	0	0	0	0	0.0448608	0	0.2729721
Sodium saccharin	A	0	0	0	0.18	0	0	0	0.18
D-Sorbitol	B	40.6062	58.3824	45.6289	178.2759	6.8082	180.3778	173.9451	684.0245
D-Mannitol	B	21.4974	946.2814	104.5049	4.0062	0	4.2057	117.1467	1197.6423
Amaranth	A	0	0	0	0	0	0	0	0
Erythrosine	A	0	0	0	0.00060093	0	0	0	0.00060093
Allura red AC	A	0	0	0	0	0	0	0	0
New cocchine	A	0	0	0	0	0	0	0.00212994	0.00212994
Phloxine	A	0	0	0	0	0	0	0	0
Rose bengale	A	0	0	0	0	0	0	0	0
Acid red	A	0	0	0	0	0	0	0	0
Tartrazine	A	0	0	0	0	0	0.00014019	0	0.00014019
Sunset yellow FCF	A	0	0	0	0	0	0	0	0
Fast green FCF	A	0	0	0	0	0	0	0	0
Brilliant blue FCF	A	0	0	0	0	0	0	0	0
Indigo carmine	A	0	0	0	0	0	0	0	0
Titanium dioxide	B	0	0	0	0	0	0	0	0
β -Carotene	B	0.1520742	0.011352133	0.0029438	0.0080124	0.0351757	0.014019	1.5666892	1.790266433
Norbixine	A	0	0	0	0	0	0	0	0
Sulfurous acid	B	0	0	0	0	0	0	0	0
Benzoic acid	A	0.48560238	0.053841547	0.061868863	0.03999523	0.56666918	0.022913277	0.03762894	1.268519417
Sorbic acid	A	0	1.76	1.02	12.19	0	0.45	0.4	15.82
Dehydroacetic acid	A	0	0	0	0	0	0	0	0
Isobutyl <i>p</i> -hydroxybenzoate	A	0	0	0	0	0	0	0	0
Isopropyl <i>p</i> -hydroxybenzoate	A	0	0	0	0	0	0	0	0
Ethyl <i>p</i> -hydroxybenzoate	A	0.059715	0	0	0	0	0	0	0.059715
Butyl <i>p</i> -hydroxybenzoate	A	0.310518	0	0	0	0	0	0	0.310518
Propyl <i>p</i> -hydroxybenzoate	A	0	0	0	0	0	0	0	0
Propionic acid	B	0.342366	0.535172	0	0.494098	0	0	0	1.371636
EDTA	A	0	0	0	0	0	0	0	0
Erythorbic acid	A	0	0	0	0.1922976	0	0	0	0.1922976
Isopropyl citrate	A	0	0	0	0	0	0	0	0
L-Cysteine	B	15.5259	4	19.28189	4.9	4.3	0.60749	14.7	63.31528
Butylated hydroxytoluene (BHT)	A	0	0	0	0	0	0	0	0
d- α -Tocopherol	B	0.7691292	0.644639	0.2487511	1.6305234	2.8288071	0.780391	0.4863363	7.3885771

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d-β-Tocopherol	B	0.0143316	0.0900062	0.0632917	0.020031	0.0748902	0.051403	0	0.3139537
d-γ-Tocopherol	B	0.2734947	0.620313	1.560214	0.2563968	4.391289	0.906562	0.0496986	8.0579681
d-δ-Tocopherol	B	0.2531916	0.24326	0.8433987	0.040062	0.4459371	0.205612	0	2.0314614
Butylated hydroxyanisole (BHA)	A	0	0	0	0	0	0	0	0
Propyl gallate	A	0	0	0	0	0	0	0	0
Nitrite	B	0	0.12163	0.220785	0	0	0	0	0.342415
Nitrate	B	1.277901	0.340564	0.750669	0.620961	0.782943	0.906562	215.12394	219.80354
Imazaryl	A	0	0	0	0	0	0	0	0
o-Phenylphenol	A	0	0	0	0	0	0	0	0
Diphenyl	A	0	0	0	0	0	0	0	0
Thiabendazole	A	0	0	0	0	0	0	0.000603483	0.000603483
L-Aspartic acid	B	68.19453	23.1097	65.94112	39.66138	4.6	5.09357	76.67784	283.27814
DL-Alanine	B	102.35151	3.7	34.88403	161.44986	4	4.6	89.81247	400.79787
Disodium 5'-inosinate	B	10.521783	0	0	1.562418	0	0.065422	0	12.149623
Disodium 5'-uridyate	B	0.967383	0	0	0.120186	0	0.107479	0	1.195048
Disodium 5'-guanylate	B	1.946709	0	0	0.100155	0	0.182247	0	2.229111
Glycine	B	43.47252	16.05516	14.719	111.57267	0	4.71973	18.3	208.83908
L-Glutamic acid	B	859.896	55.70654	113.18911	173.46846	17.6	28.31838	93.71736	1341.89585
Disodium 5'-cytidylate	B	0.095544	0	0	0.140217	0	0.070095	0	0.305856
L-Theanine	B	5.2	0	1.4719	0.9	0	0	1	8.5719
L-Isoleucine	B	56.60982	0.6	29.14362	40.66293	0.6	1.8	23	153
L-Tryptophan	B	1.55259	2.1	16.1909	0.60093	0.6	0.9346	5.67984	27.65886
L-Threonine	B	46.21941	1.2163	25.61106	3.20496	0.408492	1.8692	28.3992	106.928622
L-Valine	B	62.58132	2.18934	44.157	55.68618	4.6	4.11224	36.91896	210.24504
L-Histidine	B	26.99118	2.1	20.31222	163.65327	1.5	0.74768	26.1	241.40435
L-Phenylalanine	B	54.9378	4.2	54.31311	47.07285	1.36164	2.89726	30.88413	195.66679
DL-Methionine	B	15.88419	1.2163	19.42908	35.05425	1.02123	0.70095	6.9	80.206
L-Lysine	B	62.1036	4.7	79.77698	45.27006	4.76574	2.28977	39.75888	238.66503
L-Ascorbic acid	B	15.40647	0.559498	22.37288	8.433051	2.076501	10.37406	56.08842	115.31088
L-Ascorbyl stearate	A	0	0	0	0	0	0	0	0
L-Ascorbyl palmitate	A	0	0	0	0	0	0	0	0
Thiamine	B	0.071658	0.2262318	0.1192239	0.0140217	0.1089312	0.0242996	0.1668453	0.7312115
Riboflavin	B	0.1146528	0.1410908	0.1354148	0.5047812	0.6331626	0.04673	0.1348962	1.7107284
Glycerol	B	240.8505	184.0667333	113.8269333	42.0651	0	23.52076667	0	604.3300333
Dimethylpolysiloxane	A	0	0	0.44157	0	0	0	0	0.44157
Propylene glycol	A	3.5829	5.10846	0	0	0	1.8692	0	10.56056
Adipic acid	B	0	0.325157533	0	0	0	0	0.3751061	0.700263633
Citric acid	B	454.2321	0	532.3371667	0	436.8595	93.30423333	379.8393	1896.5723
Gluconic acid	B	24.16279893	3.589949993	8.3545044	17.6860376	0	4.915777927	18.53722281	77.24629166
Succinic acid	B	68.0751	41.3542	4.906333333	0	18.1552	0	0	132.4908333

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L-Tartaric acid	B	0	17.0282	0	17.3602	83.9678	13.5517	0	131.9079
Lactic acid	B	144.1122	613.8260667	494.0677667	564.8742	105.5271	13.39593333	113.5968	2049.400067
Acetic acid	B	180.97626	268.9644733	62.55575	61.76225	31.20425	8.380246667	60.58496	674.42819
Fumaric acid	B	0.95544	0	4.219446667	4.40682	0	1.791316667	19.16946	30.54248333
DL-Malic acid	B	579.6336	81.08666667	136.3960667	37.3912	0	39.7205	523.0186	1397.246633
Calcium	B	31.45	50.65	69.5	86.41	385.68	27.54	73.34	724.57
Pyrophosphoric acid	A								
Polyphosphoric acid	A								
Metaphosphoric acid	A								
Orthophosphoric acid	A	105.0984	267.586	176.628	580.899	544.656	31.3091	234.2934	1940.4699
Aluminum	B	0.9717621	1.037909333	0.240900967	0.4660546	0.0896413	1.1752595	1.7228848	5.7044126
Iron	B	0.644922	1.1116982	1.4247992	2.2441397	0.3358712	0.4341217	1.9323289	8.1278809
Magnesium	B	23.56	59.4	64.7	50.4	36.8	11.4	53.39	299.65
Nordihydroguaiaretic acid	B	0	0	0	0	0	0	0	0
Naringin	B	0	0	0	0	0	0	0	0
Hesperidine	B	3.53576496	0	0	0	0	0	21.73935094	25.2751159
Kojic acid	B	0	0	0	0	0	0	0	0
L-Asparagine	B	3.9	0	166.3247	0	0	15.84147	113.24181	299.30798
L-Glutamine	B	0	0	113.77787	0.7	0	4.90665	489.8862	609.27072
L-Arginine	B	67.47795	6.4	95.6735	0.420651	0.374451	4.85992	109.33692	284.543392
L-Cystine	B	0	0	0.5	0	0	0	1.6	2
L-Serine	B	66.28365	4.8652	37.38626	2.60403	0.6	2.42996	52.89351	167.06261
L-Hydroxyproline	B	0.71658	0	0	2.60403	0.9	0.18692	0	4.3
L-Tyrosine	B	12.30129	4.37868	44.157	2.1	2.38287	2.6	18.81447	86.8
L-Proline	B	68.31396	4.13542	29.58519	50.27781	9	3.41129	73.12794	237.85161
L-Leucine	B	90.7668	8.1	57.84567	86.73423	7.82943	2.3365	40.11387	293.7265

* Group A/B: Food additives in Group A do not from naturally occur and those in Group B do.