

Table 2.5. Concentration in parts per thousand (ppt) of the first 92 elements in seawater, the earth's crust, the human body, and the sun.

Atomic Number	Element Symbol	Element	Seawater (ppt)	Earth's Crust (ppt)	Human Body (ppt)	Sun (ppt)
1	H	hydrogen	105.9	1.4	100	734.6
2	He	helium	0.000000007	0.000008	0	248.5
3	Li	lithium	0.000176	0.02	0	0
4	Be	beryllium	0.000000005	0.0028	0	0
5	B	boron	0.0044	0.01	180	0
6	C	carbon	0.027	0.2	0	2.9
7	N	nitrogen	0.000490	0.019	30	0.9
8	O	oxygen	840.2	461	650	7.7
9	F	fluorine	0.0013	0.585	0.1	0
10	Ne	neon	0.000000118	0.000005	0	1.2
11	Na	sodium	10.6	23.6	1	0
12	Mg	magnesium	1.3	23.3	0.5	0.5
13	Al	aluminum	0.000002	82.3	0	0
14	Si	silicon	0.0022	282	0	0.7
15	P	phosphorus	0.000059	1.05	12	0
16	S	sulfur	0.887	0.35	2	1.2
17	Cl	chlorine	19.0	0.145	2	0
18	Ar	argon	0.000441	0.0035	0	0
19	K	potassium	0.391	20.9	2	0
20	Ca	calcium	0.404	41.5	15	0
22	Ti	titanium	0.000000980	5.65	0	0
23	V	vanadium	0.000002	0.12	0	0
24	Cr	chromium	0.000000294	0.102	0	0
25	Mn	manganese	0.000000196	0.95	0	0
26	Fe	iron	0.000002	56.3	30	1.6
27	Co	cobalt	0.000000020	0.025	0.5	0
28	Ni	nickel	0.000000549	0.084	0	0
29	Cu	copper	0.000000245	0.06	0.5	0
30	Zn	zinc	0.000005	0.07	0.5	0
31	Ga	gallium	0.000000029	0.019	0	0
32	Ge	germanium	0.000000049	0.0015	0	0
33	As	arsenic	0.000004	0.0018	0	0
34	Se	selenium	0.000000196	0.00005	0.1	0

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Atomic Number	Element Symbol	Element	Seawater (ppt)	Earth's Crust (ppt)	Human Body (ppt)	Sun (ppt)
35	Br	bromine	0.066	0.0024	0	0
36	Kr	krypton	0.000000206	0.0000001	0	0
37	Rb	rubidium	0.000118	0.09	0	0
38	Sr	strontium	0.0077	0.37	0	0
39	Y	yttrium	0.000000013	0.033	0	0
40	Zr	zirconium	0.000000029	0.165	0	0
41	Nb	niobium	0.000000010	0.02	0	0
42	Mo	molybdenum	0.000010	0.0012	0	0
47	Ag	silver	0.000000039	0.000075	0	0
48	Cd	cadmium	0.000000108	0.00015	0	0
49	In	indium	0.000020	0.00025	0	0
50	Sn	tin	0.000000004	0.0023	0	0
51	Sb	antimony	0.000000235	0.0002	0	0
53	I	iodine	0.000059	0.00045	0.5	0
54	Xe	xenon	0.000000049	0.00000003	0	0
55	Cs	cesium	0.000000294	0.003	0	0
56	Ba	barium	0.000013	0.425	0	0
57	La	lanthanum	0.000000003	0.039	0	0
72	Hf	hafnium	0.000000007	0.003	0	0
74	W	tungsten	0.000000098	0.00125	0	0
75	Re	rhenium	0.000000004	0.0000007	0	0
79	Au	gold	0.000000004	0.000004	0	0
80	Hg	mercury	0.000000029	0.000085	0	0
81	Tl	thallium	0.000000019	0.00085	0	0
82	Pb	lead	0.000000029	0.014	0	0
83	Bi	bismuth	0.000000020	0.0000085	0	0
92	U	uranium	0.000003	0.0027	0	0