

Period

First Ionization Energies of Some Elements (kJ/mol)

	Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	H	1310																	He 2370
2	Li	520	Be	900															
3	Na	490	Mg	730	3	4	5	6	7	8	9	10	11	12	Al	Si	P	S	Cl Ar
4	K	420	Ca	590	Sc	630	Ti	660	V	650	Cr	660	Mn	710	Fe	760	Co	760	1520
5	Rb	400	Sr	550	Y	620	Zr	660	Nb	670	Mo	680	Tc	700	Ru	710	Rh	720	Br Kr
6	Cs	380	Ba	500	La	540	Hf	700	Ta	760	W	770	Re	760	Os	840	Ir	890	As Se
7	Fr	...	Ra	510											Pt	870	Au	890	Po At Rn 1030