

**CSD Space Group Statistics – Space Group Frequency Ordering**

Space group frequency ranking for the 927,380 CSD structures for which the space group is fully defined. Statistics for enantiomorphous space groups are as reported in the CSD. 726,652 (78 %) of structures adopt centrosymmetric space groups, 200,728 (22 %) adopt non-centrosymmetric space groups, and 151,203 (16 %) structures adopt Sohncke space groups.

<b>Rank</b>	<b>SG No.</b>	<b>Space Group</b>	<b>No. in CSD</b>	<b>% of CSD</b>
1	14	P21/c	319411	34.4
2	2	P-1	229917	24.8
3	15	C2/c	77441	8.4
4	19	P212121	66030	7.1
5	4	P21	47603	5.1
6	61	Pbca	30586	3.3
7	33	Pna21	12778	1.4
8	62	Pnma	9775	1.1
9	9	Cc	9680	1.0
10	1	P1	8905	1.0
11	5	C2	7799	0.8
12	60	Pbcn	7774	0.8
13	29	Pca21	6901	0.7
14	148	R-3	6113	0.7
15	13	P2/c	6013	0.6
16	12	C2/m	4626	0.5
17	11	P21/m	4469	0.5
18	7	Pc	4026	0.4
19	18	P21212	3746	0.4
20	88	I41/a	3325	0.4
21	56	Pccn	3254	0.4
22	43	Fdd2	3113	0.3
23	92	P41212	1771	<0.3
24	20	C2221	1618	<0.3
25	96	P43212	1603	<0.3
26	167	R-3c	1574	<0.3
27	36	Cmc21	1291	<0.3
28	82	I-4	1274	<0.3
29	86	P42/n	1195	<0.3
30	146	R3	1178	<0.3
31	64	Cmca	1155	<0.3
32	114	P-421c	1139	<0.3
33	147	P-3	1067	<0.3
34	176	P63/m	1063	<0.3
35	70	Fddd	1014	<0.3
36	52	Pnna	991	<0.3
37	41	Aba2	990	<0.3
38	161	R3c	936	<0.3
39	63	Cmcm	907	<0.3

40	57	Pbcm	904	<0.3
41	205	Pa-3	836	<0.3
42	76	P41	834	<0.3
43	152	P3121	832	<0.3
44	85	P4/n	807	<0.3
45	78	P43	705	<0.3
46	165	P-3c1	704	<0.3
47	225	Fm-3m	691	<0.3
48	144	P31	675	<0.3
49	145	P32	656	<0.3
50	58	Pnnm	651	<0.3
51	154	P3221	642	<0.3
52	173	P63	640	<0.3
53	87	I4/m	630	<0.3
54	122	I-42d	609	<0.3
55	169	P61	571	<0.3
56	198	P213	557	<0.3
57	31	Pmn21	546	<0.3
58	170	P65	538	<0.3
59	45	Iba2	535	<0.3
60	166	R-3m	519	<0.3
61	142	I41/acd	499	<0.3
62	130	P4/ncc	459	<0.3
63	68	Ccca	457	<0.3
64	54	Pcca	441	<0.3
65	155	R32	426	<0.3
66	163	P-31c	414	<0.3
67	72	Ibam	380	<0.3
68	110	I41cd	362	<0.3
69	8	Cm	329	<0.3
70	159	P31c	328	<0.3
71	217	I-43m	296	<0.3
72	194	P63/mmc	291	<0.3
73	220	I-43d	285	<0.3
74	34	Pnn2	272	<0.3
75	59	Pmmn	270	<0.3
76	178	P6122	268	<0.3
77	73	Ibca	265	<0.3
78	160	R3m	263	<0.3
79	55	Pbam	252	<0.3
80	79	I4	251	<0.3
81	113	P-421m	243	<0.3
82	74	Imma	232	<0.3
83	80	I41	231	<0.3
84	143	P3	224	<0.3
85	23	I222	211	<0.3
86	179	P6522	209	<0.3
=87	81	P-4	203	<0.3
=87	129	P4/nmm	203	<0.3
89	126	P4/nnc	201	<0.3

90	139	I4/mmm	200	<0.3
91	121	I-42m	199	<0.3
92	221	Pm-3m	198	<0.3
93	141	I41/amd	193	<0.3
94	40	Ama2	186	<0.3
95	94	P42212	172	<0.3
96	118	P-4n2	169	<0.3
97	197	I23	168	<0.3
=98	229	Im-3m	164	<0.3
=98	136	P42/mnm	164	<0.3
=100	32	Pba2	162	<0.3
=100	227	Fd-3m	162	<0.3
102	3	P2	159	<0.3
103	190	P-62c	156	<0.3
104	123	P4/mmm	155	<0.3
105	182	P6322	150	<0.3
106	98	I4122	146	<0.3
=107	218	P-43n	143	<0.3
=107	128	P4/mnc	143	<0.3
109	53	Pmna	142	<0.3
110	26	Pmc21	141	<0.3
111	65	Cmmm	134	<0.3
=112	228	Fd-3c	133	<0.3
=112	204	Im-3	133	<0.3
114	199	I213	129	<0.3
=115	206	Ia-3	128	<0.3
=115	10	P2/m	128	<0.3
117	186	P63mc	124	<0.3
118	46	Ima2	123	<0.3
119	138	P42/nmc	122	<0.3
120	222	Pn-3n	121	<0.3
121	30	Pnc2	115	<0.3
122	37	Ccc2	114	<0.3
123	131	P42/mmc	112	<0.3
124	66	Cccm	110	<0.3
125	215	P-43m	109	<0.3
126	140	I4/mcm	107	<0.3
127	84	P42/m	106	<0.3
=128	192	P6/mcc	105	<0.3
=128	104	P4nc	105	<0.3
130	71	Immm	104	<0.3
=131	203	Fd-3	103	<0.3
=131	164	P-3m1	103	<0.3
133	124	P4/mcc	102	<0.3
134	137	P42/nmc	101	<0.3
135	230	Ia-3d	99	<0.3
136	50	Pban	98	<0.3
137	135	P42/mbc	97	<0.3
138	77	P42	95	<0.3
=139	69	Fmmm	94	<0.3

=139	219	F-43c	94	<0.3
141	106	P42bc	92	<0.3
142	150	P321	91	<0.3
=143	196	F23	90	<0.3
=143	158	P3c1	90	<0.3
145	120	I-4c2	89	<0.3
146	17	P2221	85	<0.3
147	223	Pm-3n	81	<0.3
148	191	P6/mmm	80	<0.3
149	42	Fmm2	79	<0.3
=150	91	P4122	77	<0.3
=150	90	P4212	77	<0.3
=152	97	I422	73	<0.3
=152	95	P4322	73	<0.3
154	44	Imm2	72	<0.3
155	127	P4/mbm	70	<0.3
156	24	I212121	69	<0.3
157	171	P62	65	<0.3
158	67	Cmma	64	<0.3
159	117	P-4b2	63	<0.3
=160	48	Pnnn	62	<0.3
=160	21	C222	62	<0.3
=160	211	I432	62	<0.3
=160	193	P63/mcm	62	<0.3
164	180	P6222	60	<0.3
=165	51	Pmma	59	<0.3
=165	226	Fm-3c	59	<0.3
167	134	P42/nnm	57	<0.3
168	216	F-43m	56	<0.3
169	39	Abm2	54	<0.3
170	75	P4	53	<0.3
171	213	P4132	52	<0.3
172	210	F4132	50	<0.3
=173	172	P64	48	<0.3
=173	109	I41md	48	<0.3
175	202	Fm-3	46	<0.3
176	181	P6422	44	<0.3
=177	209	F432	43	<0.3
=177	175	P6/m	43	<0.3
=179	201	Pn-3	42	<0.3
=179	162	P-31m	42	<0.3
=181	83	P4/m	41	<0.3
=181	133	P42/nbc	41	<0.3
183	189	P-62m	38	<0.3
184	212	P4332	37	<0.3
=185	6	Pm	35	<0.3
=185	187	P-6m2	35	<0.3
=185	16	P222	35	<0.3
=185	108	I4cm	35	<0.3
=189	47	Pmmm	34	<0.3

=189	224	Pn-3m	34	<0.3
=189	174	P-6	34	<0.3
=192	200	Pm-3	32	<0.3
=192	112	P-42c	32	<0.3
=193	38	Amm2	31	<0.3
=193	185	P63cm	31	<0.3
=193	103	P4cc	31	<0.3
=197	22	F222	30	<0.3
=197	214	I4132	30	<0.3
=197	119	I-4m2	30	<0.3
200	102	P42nm	28	<0.3
201	116	P-4c2	27	<0.3
202	125	P4/nbm	26	<0.3
=203	168	P6	25	<0.3
=203	151	P3112	25	<0.3
205	27	Pcc2	23	<0.3
=206	49	Pccm	20	<0.3
=206	132	P42/mcm	20	<0.3
=208	157	P31m	19	<0.3
=208	153	P3212	19	<0.3
=210	195	P23	18	<0.3
=210	149	P312	18	<0.3
212	188	P-6c2	17	<0.3
=213	207	P432	16	<0.3
214	107	I4mm	15	<0.3
215	28	Pma2	14	<0.3
216	25	Pmm2	12	<0.3
=217	184	P6cc	11	<0.3
=217	177	P622	11	<0.3
219	93	P4222	9	<0.3
=220	89	P422	8	<0.3
=220	156	P3m1	8	<0.3
222	101	P42cm	7	<0.3
=223	35	Cmm2	6	<0.3
=223	208	P4232	6	<0.3
=223	111	P-42m	6	<0.3
=226	99	P4mm	4	<0.3
=226	183	P6mm	4	<0.3
=226	115	P-4m2	4	<0.3
=226	100	P4bm	4	<0.3
230	105	P42mc	2	<0.3