

**CSD Space Group Statistics – Space Group Number Ordering**

Space group frequency ranking for the 754,897 CSD structures for which the space group is fully defined. Statistics for enantiomorphous space groups are as reported in the CSD. 589,932 (78.1%) of structures adopt centrosymmetric space groups, 164,965 (21.9%) adopt non-centrosymmetric space groups, and 124,574 (16.5%) structures adopt Sohncke space groups.

<b>SG No.</b>	<b>Rank</b>	<b>Space Group</b>	<b>No. in CSD</b>	<b>% of CSD</b>
1	10	P1	7136	0.9
2	2	P-1	184087	24.4
3	96	P2	134	<0.3
4	5	P21	39092	5.2
5	12	C2	6352	0.8
6	199	Pm	21	<0.3
7	18	Pc	3212	0.4
8	68	Cm	281	<0.3
9	9	Cc	7910	1.0
10	111	P2/m	102	<0.3
11	17	P21/m	3817	0.5
12	16	C2/m	3883	0.5
13	14	P2/c	4897	0.6
14	1	P21/c	261358	34.6
15	3	C2/c	63007	8.3
16	174	P222	35	<0.3
17	133	P2221	76	<0.3
18	19	P21212	3096	0.4
19	4	P212121	55146	7.3
20	24	C2221	1332	<0.3
21	148	C222	57	<0.3
22	188	F222	25	<0.3
23	83	I222	173	<0.3
24	148	I212121	57	<0.3
25	213	Pmm2	11	<0.3
26	100	Pmc21	126	<0.3
27	204	Pcc2	15	<0.3
28	209	Pma2	13	<0.3
29	13	Pca21	5575	0.7
30	110	Pnc2	104	<0.3
31	54	Pmn21	481	<0.3
32	91	Pba2	144	<0.3
33	7	Pna21	10438	1.4
34	72	Pnn2	244	<0.3
35	221	Cmm2	6	<0.3
36	27	Cmc21	1071	<0.3
37	115	Ccc2	97	<0.3
38	195	Amm2	22	<0.3
39	162	Abm2	48	<0.3

40	97	Ama2	133	<0.3
41	35	Aba2	815	<0.3
42	143	Fmm2	68	<0.3
43	22	Fdd2	2570	0.3
44	142	Imm2	69	<0.3
45	56	Iba2	445	<0.3
46	106	Ima2	110	<0.3
47	179	Pmmm	30	<0.3
48	150	Pnnn	56	<0.3
49	202	Pccm	17	<0.3
50	135	Pban	73	<0.3
51	157	Pmma	51	<0.3
52	37	Pnna	795	<0.3
53	112	Pmna	101	<0.3
54	61	Pcca	362	<0.3
55	77	Pbam	213	<0.3
56	21	Pccn	2680	0.4
57	38	Pbcm	758	<0.3
58	47	Pnnm	537	<0.3
59	73	Pmmn	237	<0.3
60	11	Pbcn	6461	0.9
61	6	Pbca	25376	3.4
62	8	Pnma	8276	1.1
63	39	Cmcm	741	<0.3
64	32	Cmca	936	<0.3
65	113	Cmmm	100	<0.3
66	124	Cccm	85	<0.3
67	150	Cmma	56	<0.3
68	62	Ccca	354	<0.3
69	150	Fmmm	56	<0.3
70	35	Fddd	815	<0.3
71	124	Immm	85	<0.3
72	66	Ibam	305	<0.3
73	76	Ibca	215	<0.3
74	89	Imma	148	<0.3
75	169	P4	42	<0.3
76	41	P41	700	<0.3
77	129	P42	80	<0.3
78	45	P43	578	<0.3
79	79	I4	212	<0.3
80	81	I41	192	<0.3
81	84	P-4	171	<0.3
82	28	I-4	1018	<0.3
83	171	P4/m	38	<0.3
84	120	P42/m	90	<0.3
85	44	P4/n	661	<0.3
86	29	P42/n	1005	<0.3
87	50	I4/m	499	<0.3
88	20	I41/a	2718	0.4
89	219	P422	7	<0.3

90	150	P4212	56	<0.3
91	146	P4122	59	<0.3
92	23	P41212	1502	<0.3
93	217	P4222	8	<0.3
94	95	P42212	136	<0.3
95	154	P4322	54	<0.3
96	25	P43212	1290	<0.3
97	163	I422	46	<0.3
98	127	I4122	81	<0.3
99	228	P4mm	3	<0.3
100	228	P4bm	3	<0.3
101	221	P42cm	6	<0.3
102	190	P42nm	23	<0.3
103	199	P4cc	21	<0.3
104	120	P4nc	90	<0.3
105	230	P42mc	2	<0.3
106	131	P42bc	79	<0.3
107	209	I4mm	13	<0.3
108	183	I4cm	28	<0.3
109	174	I41md	35	<0.3
110	69	I41cd	278	<0.3
111	221	P-42m	6	<0.3
112	184	P-42c	27	<0.3
113	80	P-421m	207	<0.3
114	31	P-421c	951	<0.3
115	226	P-4m2	4	<0.3
116	184	P-4c2	27	<0.3
117	155	P-4b2	53	<0.3
118	90	P-4n2	147	<0.3
119	184	I-4m2	27	<0.3
120	135	I-4c2	73	<0.3
121	92	I-42m	143	<0.3
122	53	I-42d	494	<0.3
123	103	P4/mmm	118	<0.3
124	139	P4/mcc	70	<0.3
125	201	P4/nbm	20	<0.3
126	88	P4/nnc	161	<0.3
127	145	P4/mbm	62	<0.3
128	131	P4/mnc	79	<0.3
129	85	P4/nmm	167	<0.3
130	64	P4/ncc	342	<0.3
131	177	P42/mmc	31	<0.3
132	209	P42/mcm	13	<0.3
133	177	P42/nbc	31	<0.3
134	165	P42/nnm	43	<0.3
135	133	P42/mbc	76	<0.3
136	99	P42/mnm	131	<0.3
137	117	P42/nmc	95	<0.3
138	122	P42/ncm	89	<0.3
139	94	I4/mmm	140	<0.3

140	144	I4/mcm	64	<0.3
141	93	I41/amd	141	<0.3
142	60	I41/acd	383	<0.3
143	82	P3	177	<0.3
144	46	P31	558	<0.3
145	48	P32	532	<0.3
146	30	R3	952	<0.3
147	33	P-3	891	<0.3
148	15	R-3	4850	0.6
149	215	P312	9	<0.3
150	135	P321	73	<0.3
151	190	P3112	23	<0.3
152	43	P3121	680	<0.3
153	204	P3212	15	<0.3
154	50	P3221	499	<0.3
155	63	R32	344	<0.3
156	217	P3m1	8	<0.3
157	209	P31m	13	<0.3
158	139	P3c1	70	<0.3
159	71	P31c	254	<0.3
160	75	R3m	229	<0.3
161	40	R3c	739	<0.3
162	202	P-31m	17	<0.3
163	67	P-31c	290	<0.3
164	126	P-3m1	82	<0.3
165	49	P-3c1	516	<0.3
166	65	R-3m	314	<0.3
167	26	R-3c	1172	<0.3
168	195	P6	22	<0.3
169	55	P61	471	<0.3
170	59	P65	414	<0.3
171	147	P62	58	<0.3
172	165	P64	44	<0.3
173	52	P63	498	<0.3
174	195	P-6	22	<0.3
175	179	P6/m	30	<0.3
176	34	P63/m	890	<0.3
177	219	P622	7	<0.3
178	77	P6122	213	<0.3
179	87	P6522	165	<0.3
180	155	P6222	53	<0.3
181	176	P6422	33	<0.3
182	116	P6322	96	<0.3
183	226	P6mm	4	<0.3
184	215	P6cc	9	<0.3
185	188	P63cm	25	<0.3
186	109	P63mc	105	<0.3
187	204	P-6m2	15	<0.3
188	213	P-6c2	11	<0.3
189	190	P-62m	23	<0.3

190	101	P-62c	121	<0.3
191	165	P6/mmm	43	<0.3
192	118	P6/mcc	91	<0.3
193	159	P63/mcm	50	<0.3
194	86	P63/mmc	166	<0.3
195	207	P23	14	<0.3
196	139	F23	70	<0.3
197	97	I23	133	<0.3
198	58	P213	428	<0.3
199	157	I213	51	<0.3
200	207	Pm3	14	<0.3
201	184	Pn3	27	<0.3
202	172	Fm3	37	<0.3
203	127	Fd3	81	<0.3
204	118	Im3	91	<0.3
205	42	Pa3	682	<0.3
206	123	Ia3	88	<0.3
207	224	P432	5	<0.3
208	224	P4232	5	<0.3
209	181	F432	29	<0.3
210	173	F4132	36	<0.3
211	195	I432	22	<0.3
212	181	P4332	29	<0.3
213	170	P4132	39	<0.3
214	190	I4132	23	<0.3
215	160	P-43m	49	<0.3
216	160	F-43m	49	<0.3
217	70	I-43m	258	<0.3
218	105	P-43n	115	<0.3
219	129	F-43c	80	<0.3
220	74	I-43d	234	<0.3
221	107	Pm3m	108	<0.3
222	113	Pn3n	100	<0.3
223	164	Pm3n	45	<0.3
224	190	Pn3m	23	<0.3
225	57	Fm3m	437	<0.3
226	165	Fm3c	44	<0.3
227	104	Fd3m	116	<0.3
228	108	Fd3c	107	<0.3
229	102	Im3m	120	<0.3
230	135	Ia3d	73	<0.3