

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

Space group frequency ranking for the 1,171,413 CSD structures for which the space group is fully defined. Statistics for enantiomorphous space groups are as reported in the CSD. 919,173 (78 %) of structures adopt centrosymmetric space groups, 252,240 (22 %) adopt non-centrosymmetric space groups, and 189,704 (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	400548	34.2
2	2	P-1	293933	25.1
3	15	C2/c	97014	8.3
4	19	P212121	81425	7.0
5	4	P21	60123	5.1
6	61	Pbca	37779	3.2
7	33	Pna21	15983	1.4
8	9	Cc	12150	1.0
9	62	Pnma	11846	1.0
10	1	P1	11495	1.0
11	5	C2	9909	0.8
12	60	Pbcn	9689	0.8
13	148	R-3	9552	0.8
14	29	Pca21	8853	0.8
15	13	P2/c	7615	0.7
16	12	C2/m	5952	0.5
17	11	P21/m	5472	0.5
18	7	Pc	5281	0.5
19	18	P21212	4710	0.4
20	88	I41/a	4169	0.4
21	56	Pccn	4087	0.3
22	43	Fdd2	3886	0.3
23	92	P41212	2182	<0.3
24	167	R-3c	2121	<0.3
25	20	C2221	2051	<0.3
26	96	P43212	1998	<0.3
27	36	Cmc21	1591	<0.3
28	146	R3	1564	<0.3
29	82	I-4	1539	<0.3
30	86	P42/n	1471	<0.3
31	64	Cmca	1442	<0.3
32	114	P-421c	1355	<0.3
33	147	P-3	1317	<0.3
34	70	Fddd	1294	<0.3
35	176	P63/m	1271	<0.3
36	52	Pnna	1261	<0.3
37	41	Aba2	1224	<0.3
38	161	R3c	1146	<0.3
39	57	Pbcm	1132	<0.3

40	63	Cmcm	1124	<0.3
41	205	Pa-3	1066	<0.3
42	152	P3121	1059	<0.3
43	76	P41	1039	<0.3
44	225	Fm-3m	1021	<0.3
45	85	P4/n	1004	<0.3
46	78	P43	914	<0.3
47	87	I4/m	867	<0.3
=48	144	P31	843	<0.3
=48	145	P32	843	<0.3
50	165	P-3c1	842	<0.3
51	154	P3221	831	<0.3
52	173	P63	821	<0.3
53	58	Pnnm	820	<0.3
54	166	R-3m	789	<0.3
55	169	P61	771	<0.3
56	170	P65	748	<0.3
57	122	I-42d	741	<0.3
58	198	P213	699	<0.3
59	31	Pmn21	676	<0.3
60	45	Iba2	673	<0.3
61	142	I41/acd	599	<0.3
=62	130	P4/ncc	554	<0.3
=62	155	R32	554	<0.3
64	54	Pcca	550	<0.3
65	68	Ccca	543	<0.3
66	163	P-31c	537	<0.3
67	194	P63/mmc	498	<0.3
68	217	I-43m	485	<0.3
69	72	Ibam	481	<0.3
70	110	I41cd	453	<0.3
71	8	Cm	413	<0.3
72	159	P31c	407	<0.3
73	221	Pm-3m	365	<0.3
74	220	I-43d	348	<0.3
75	55	Pbam	344	<0.3
76	113	P-421m	343	<0.3
77	160	R3m	342	<0.3
78	34	Pnn2	339	<0.3
79	73	Ibca	335	<0.3
80	59	Pmmn	332	<0.3
81	178	P6122	331	<0.3
82	74	Imma	327	<0.3
83	79	I4	322	<0.3
84	139	I4/mmm	317	<0.3
85	141	I41/amd	297	<0.3
86	80	I41	281	<0.3
87	23	I222	279	<0.3
88	179	P6522	276	<0.3
89	126	P4/nnc	271	<0.3

90	143	P3	267	<0.3
91	81	P-4	253	<0.3
92	129	P4/nmm	249	<0.3
93	65	Cmmm	247	<0.3
=94	227	Fd-3m	240	<0.3
=94	229	Im-3m	240	<0.3
=96	94	P42212	234	<0.3
=96	128	P4/mnc	234	<0.3
98	98	I4122	231	<0.3
99	136	P42/mnm	229	<0.3
100	121	I-42m	228	<0.3
101	123	P4/mmm	222	<0.3
102	40	Ama2	221	<0.3
103	197	I23	216	<0.3
104	182	P6322	212	<0.3
105	190	P-62c	208	<0.3
106	3	P2	204	<0.3
107	118	P-4n2	201	<0.3
108	32	Pba2	200	<0.3
109	26	Pmc21	190	<0.3
110	222	Pn-3n	186	<0.3
111	218	P-43n	183	<0.3
112	204	Im-3	181	<0.3
=113	30	Pnc2	173	<0.3
=113	53	Pmna	173	<0.3
=115	186	P63mc	172	<0.3
=115	228	Fd-3c	172	<0.3
=117	10	P2/m	168	<0.3
=117	164	P-3m1	168	<0.3
=119	46	Ima2	165	<0.3
=119	71	Immm	165	<0.3
=121	140	I4/mcm	164	<0.3
=121	206	Ia-3	164	<0.3
=123	131	P42/mmc	162	<0.3
=123	138	P42/nmc	162	<0.3
125	191	P6/mmm	160	<0.3
126	69	Fmmm	158	<0.3
127	199	I213	151	<0.3
128	66	Cccm	150	<0.3
=129	192	P6/mcc	144	<0.3
=129	203	Fd-3	144	<0.3
131	104	P4nc	140	<0.3
132	230	Ia-3d	137	<0.3
133	137	P42/nmc	135	<0.3
134	196	F23	134	<0.3
135	37	Ccc2	133	<0.3
136	77	P42	128	<0.3
137	84	P42/m	122	<0.3
=138	106	P42bc	121	<0.3
=138	219	F-43c	121	<0.3

140	120	I-4c2	120	<0.3
141	135	P42/mbc	118	<0.3
=142	50	Pban	117	<0.3
=142	215	P-43m	117	<0.3
144	124	P4/mcc	116	<0.3
145	158	P3c1	115	<0.3
146	150	P321	114	<0.3
=147	17	P2221	109	<0.3
=147	90	P4212	109	<0.3
=149	97	I422	108	<0.3
=149	223	Pm-3n	108	<0.3
151	91	P4122	107	<0.3
152	226	Fm-3c	104	<0.3
153	95	P4322	101	<0.3
154	180	P6222	93	<0.3
155	127	P4/mbm	90	<0.3
=156	42	Fmm2	89	<0.3
=156	171	P62	89	<0.3
158	117	P-4b2	86	<0.3
=159	44	Imm2	85	<0.3
=159	67	Cmma	85	<0.3
=161	48	Pnnn	84	<0.3
=161	209	F432	84	<0.3
=163	21	C222	83	<0.3
=163	211	I432	83	<0.3
=165	51	Pmma	82	<0.3
=165	193	P63/mcm	82	<0.3
167	24	I212121	79	<0.3
=168	39	Abm2	71	<0.3
=168	213	P4132	71	<0.3
=170	125	P4/nbm	68	<0.3
=170	212	P4332	68	<0.3
172	210	F4132	67	<0.3
=173	75	P4	66	<0.3
=173	134	P42/nnm	66	<0.3
=175	162	P-31m	65	<0.3
=175	172	P64	65	<0.3
177	201	Pn-3	64	<0.3
=178	175	P6/m	62	<0.3
=178	216	F-43m	62	<0.3
180	109	I41md	60	<0.3
181	202	Fm-3	57	<0.3
=182	83	P4/m	53	<0.3
=182	181	P6422	53	<0.3
184	133	P42/nbc	52	<0.3
=185	38	Amm2	51	<0.3
=185	189	P-62m	51	<0.3
187	187	P-6m2	50	<0.3
188	200	Pm-3	48	<0.3
=189	6	Pm	46	<0.3

=189	108	I4cm	46	<0.3
=189	116	P-4c2	46	<0.3
=189	207	P432	46	<0.3
193	174	P-6	44	<0.3
194	119	I-4m2	42	<0.3
=195	16	P222	41	<0.3
=195	47	Pmmm	41	<0.3
=197	22	F222	40	<0.3
=197	177	P622	40	<0.3
199	224	Pn-3m	39	<0.3
=200	27	Pcc2	38	<0.3
=200	185	P63cm	38	<0.3
202	112	P-42c	37	<0.3
203	103	P4cc	35	<0.3
=204	168	P6	34	<0.3
=204	214	I4132	34	<0.3
206	102	P42nm	33	<0.3
207	151	P3112	30	<0.3
208	107	I4mm	28	<0.3
209	157	P31m	27	<0.3
=210	132	P42/mcm	25	<0.3
=210	153	P3212	25	<0.3
=210	195	P23	25	<0.3
213	49	Pccm	22	<0.3
214	28	Pma2	20	<0.3
215	188	P-6c2	19	<0.3
216	149	P312	18	<0.3
217	184	P6cc	16	<0.3
218	89	P422	14	<0.3
=219	25	Pmm2	12	<0.3
=219	35	Cmm2	12	<0.3
=221	93	P4222	9	<0.3
=221	101	P42cm	9	<0.3
223	156	P3m1	8	<0.3
=224	99	P4mm	7	<0.3
=224	111	P-42m	7	<0.3
=224	115	P-4m2	7	<0.3
=227	100	P4bm	6	<0.3
=227	208	P4232	6	<0.3
229	183	P6mm	4	<0.3
230	105	P42mc	2	<0.3