

Cambridge Structural Database  
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**CSD Space Group Statistics – Space Group Frequency Ordering**

Space group frequency ranking for the 592,938 CSD structures for which the space group is fully defined. Statistics for enantiomorphous space groups are as reported in the CSD.

<b>Rank</b>	<b>SG No.</b>	<b>Space Group</b>	<b>No. in CSD</b>	<b>% of CSD</b>
1.	14	P21/c	206840	34.9
2.	2	P-1	140772	23.8
3.	15	C2/c	48584	8.2
4.	19	P212121	45008	7.6
5.	4	P21	31429	5.3
6.	61	Pbca	20490	3.5
7.	33	Pna21	8234	1.6
8.	62	Pnma	6837	1.2
9.	9	Cc	6318	1.1
10.	1	P1	5664	1.0
11.	60	Pbcn	5161	0.9
12.	5	C2	5006	0.8
13.	29	Pca21	4319	0.7
14.	13	P2/c	3703	0.6
15.	148	R-3	3670	0.6
16.	11	P21/m	3096	0.5
17.	12	C2/m	3077	0.5
18.	18	P21212	2488	0.4
19.	7	Pc	2478	0.4
20.	56	Pccn	2111	0.4
21.	88	I41/a	2067	0.3
22.	43	Fdd2	2029	0.3
23.	92	P41212	1233	<0.3
24.	20	C2221	1062	<0.3
25.	96	P43212	1029	<0.3
26.	36	Cmc21	881	<0.3
27.	167	R-3c	867	<0.3
28.	82	I-4	799	<0.3
29.	86	P42/n	794	<0.3
30.	114	P-421c	769	<0.3
31.	64	Cmca	747	<0.3
32.	146	R3	747	<0.3
33.	176	P63/m	730	<0.3
34.	147	P-3	689	<0.3
35.	63	Cmcm	630	<0.3
36.	41	Aba2	629	<0.3
37.	57	Pbcm	611	<0.3
38.	161	R3c	606	<0.3
39.	52	Pnna	592	<0.3
40.	70	Fddd	569	<0.3
41.	76	P41	562	<0.3
42.	85	P4/n	547	<0.3
43.	205	Pa3	536	<0.3
44.	152	P3121	528	<0.3
45.	144	P31	459	<0.3
46.	78	P43	453	<0.3
47.	58	Pnnm	448	<0.3
48.	145	P32	418	<0.3

49.	173	P63	412	<0.3
50.	165	P-3c1	408	<0.3
51.	31	Pmn21	403	<0.3
52.	87	I4/m	382	<0.3
53.	154	P3221	370	<0.3
54.	169	P61	369	<0.3
55.	122	I-42d	367	<0.3
56.	198	P213	357	<0.3
57.	45	Iba2	338	<0.3
58.	170	P65	299	<0.3
59.	142	I41/acd	298	<0.3
60.	68	Ccca	287	<0.3
61.	54	Pcca	284	<0.3
62.	130	P4/ncc	277	<0.3
63.	225	Fm3m	264	<0.3
64.	72	Ibam	247	<0.3
65.	166	R-3m	230	<0.3
66.	8	Cm	229	<0.3
67.	155	R32	229	<0.3
68.	163	P-31c	213	<0.3
69.	110	I41cd	212	<0.3
70.	59	Pmmn	200	<0.3
71.	159	P31c	200	<0.3
72.	220	I-43d	185	<0.3
73.	217	I-43m	184	<0.3
74.	113	P-421m	184	<0.3
75.	34	Pnn2	179	<0.3
76.	73	Ibca	171	<0.3
77.	55	Pbam	168	<0.3
78.	79	I4	166	<0.3
79.	160	R3m	162	<0.3
80.	178	P6122	158	<0.3
81.	80	I41	153	<0.3
82.	143	P3	152	<0.3
83.	23	I222	149	<0.3
84.	81	P-4	148	<0.3
85.	129	P4/nmm	132	<0.3
86.	126	P4/nnc	129	<0.3
87.	194	P63/mmc	125	<0.3
88.	121	I-42m	124	<0.3
89.	179	P6522	123	<0.3
90.	118	P-4n2	116	<0.3
91.	141	I41/amd	113	<0.3
92.	94	P42212	111	<0.3
93.	32	Pba2	109	<0.3
94.	26	Pmc21	109	<0.3
95.	40	Ama2	107	<0.3
96.	136	P42/mnm	105	<0.3
97.	3	P2	103	<0.3
98.	74	Imma	100	<0.3
99.	139	I4/mmm	99	<0.3
100.	227	Fd3m	98	<0.3
101.	229	Im3m	96	<0.3
102.	53	Pmna	92	<0.3
103.	218	P-43n	92	<0.3
104.	10	P2/m	88	<0.3
105.	190	P-62c	85	<0.3
106.	197	I23	85	<0.3

107.	30	Pnc2	83	<0.3
108.	65	Cmmm	82	<0.3
109.	37	Ccc2	82	<0.3
110.	123	P4/mmm	81	<0.3
111.	186	P63mc	79	<0.3
112.	46	Ima2	79	<0.3
113.	84	P42/m	74	<0.3
114.	137	P42/nmc	74	<0.3
115.	222	Pn3n	69	<0.3
116.	192	P6/mcc	69	<0.3
117.	203	Fd3	68	<0.3
118.	104	P4nc	68	<0.3
119.	138	P42/ncm	68	<0.3
120.	71	Immm	66	<0.3
121.	77	P42	66	<0.3
122.	221	Pm3m	66	<0.3
123.	219	F-43c	65	<0.3
124.	42	Fmm2	63	<0.3
125.	228	Fd3c	63	<0.3
126.	204	Im3	63	<0.3
127.	182	P6322	63	<0.3
128.	17	P2221	62	<0.3
129.	66	Cccm	62	<0.3
130.	106	P42bc	61	<0.3
131.	206	Ia3	61	<0.3
132.	44	Imm2	60	<0.3
133.	98	I4122	60	<0.3
134.	120	I-4c2	59	<0.3
135.	127	P4/mbm	57	<0.3
136.	124	P4/mcc	57	<0.3
137.	128	P4/mnc	56	<0.3
138.	164	P-3m1	56	<0.3
139.	158	P3c1	54	<0.3
140.	150	P321	53	<0.3
141.	91	P4122	50	<0.3
142.	135	P42/mbc	49	<0.3
143.	50	Pban	47	<0.3
144.	171	P62	46	<0.3
145.	117	P-4b2	45	<0.3
146.	48	Pnnn	45	<0.3
147.	21	C222	44	<0.3
148.	24	I212121	44	<0.3
149.	230	Ia3d	44	<0.3
150.	215	P-43m	43	<0.3
151.	67	Cmma	42	<0.3
152.	140	I4/mcm	42	<0.3
153.	51	Pmma	41	<0.3
154.	69	Fmmm	41	<0.3
155.	216	F-43m	40	<0.3
156.	39	Abm2	39	<0.3
157.	90	P4212	39	<0.3
158.	196	F23	39	<0.3
159.	97	I422	37	<0.3
160.	95	P4322	37	<0.3
161.	172	P64	35	<0.3
162.	75	P4	33	<0.3
163.	134	P42/nnm	33	<0.3
164.	83	P4/m	32	<0.3

165.	180	P6222	32	<0.3
166.	213	P4132	30	<0.3
167.	191	P6/mmm	29	<0.3
168.	109	I41md	29	<0.3
169.	202	Fm3	29	<0.3
170.	16	P222	28	<0.3
171.	212	P4332	27	<0.3
172.	226	Fm3c	27	<0.3
173.	199	I213	27	<0.3
174.	133	P42/nbc	25	<0.3
175.	119	I-4m2	24	<0.3
176.	223	Pm3n	24	<0.3
177.	174	P-6	22	<0.3
178.	193	P63/mcm	22	<0.3
179.	181	P6422	22	<0.3
180.	112	P-42c	21	<0.3
181.	116	P-4c2	21	<0.3
182.	131	P42/mmc	21	<0.3
183.	224	Pn3m	20	<0.3
184.	6	Pm	20	<0.3
185.	201	Pn3	20	<0.3
186.	185	P63cm	20	<0.3
187.	47	Pmmm	20	<0.3
188.	38	Amm2	19	<0.3
189.	108	I4cm	19	<0.3
190.	209	F432	19	<0.3
191.	168	P6	19	<0.3
192.	214	I4132	18	<0.3
193.	175	P6/m	18	<0.3
194.	102	P42nm	17	<0.3
195.	125	P4/nbm	16	<0.3
196.	151	P3112	16	<0.3
197.	49	Pccm	16	<0.3
198.	22	F222	15	<0.3
199.	187	P-6m2	15	<0.3
200.	211	I432	14	<0.3
201.	189	P-62m	13	<0.3
202.	107	I4mm	13	<0.3
203.	27	Pcc2	12	<0.3
204.	132	P42/mcm	12	<0.3
205.	103	P4cc	12	<0.3
206.	210	F4132	12	<0.3
207.	195	P23	12	<0.3
208.	28	Pma2	11	<0.3
209.	157	P31m	11	<0.3
210.	153	P3212	11	<0.3
211.	25	Pmm2	11	<0.3
212.	200	Pm3	10	<0.3
213.	188	P-6c2	9	<0.3
214.	162	P-31m	8	<0.3
215.	149	P312	8	<0.3
216.	184	P6cc	7	<0.3
217.	89	P422	6	<0.3
218.	111	P-42m	6	<0.3
219.	93	P4222	5	<0.3
220.	208	P4232	5	<0.3
221.	207	P432	5	<0.3
222.	156	P3m1	5	<0.3

223.	101	P42cm	5	<0.3
224.	35	Cmm2	5	<0.3
225.	183	P6mm	4	<0.3
226.	177	P622	3	<0.3
227.	100	P4bm	3	<0.3
228.	115	P-4m2	3	<0.3
229.	105	P42mc	2	<0.3
230.	99	P4mm	1	<0.3