

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

Space group frequency ranking for the 638 598 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	222300	34.8
2.	2	P-1	152725	23.9
3.	15	C2/c	52557	8.2
4.	19	P212121	47869	7.5
5.	4	P21	33662	5.3
6.	61	Pbca	21924	3.4
7.	33	Pna21	8850	1.4
8.	62	Pnma	7261	1.1
9.	9	Cc	6790	1.1
10.	1	P1	6064	0.9
11.	60	Pbcn	5527	0.9
12.	5	C2	5437	0.9
13.	29	Pca21	4690	0.7
14.	13	P2/c	4063	0.6
15.	148	R-3	4010	0.6
16.	11	P21/m	3316	0.5
17.	12	C2/m	3314	0.5
18.	18	P21212	2688	0.4
19.	7	Pc	2654	0.4
20.	56	Pccn	2251	0.4
21.	88	I41/a	2244	0.4
22.	43	Fdd2	2189	0.3
23.	92	P41212	1317	<0.3
24.	20	C2221	1141	<0.3
25.	96	P43212	1094	<0.3
26.	36	Cmc21	966	<0.3
27.	167	R-3c	934	<0.3
28.	82	I-4	870	<0.3
29.	86	P42/n	850	<0.3
30.	114	P-421c	825	<0.3
31.	64	Cmca	808	<0.3
32.	146	R3	803	<0.3
33.	176	P63/m	802	<0.3
34.	147	P-3	741	<0.3
35.	63	Cmcm	677	<0.3
36.	41	Aba2	652	<0.3
37.	57	Pbcm	649	<0.3
38.	161	R3c	648	<0.3
39.	52	Pnna	648	<0.3
40.	70	Fddd	641	<0.3
41.	76	P41	611	<0.3
42.	85	P4/n	588	<0.3
43.	205	Pa3	571	<0.3
44.	152	P3121	569	<0.3
45.	144	P31	496	<0.3
46.	78	P43	489	<0.3
47.	58	Pnnm	484	<0.3
48.	145	P32	453	<0.3

49.	173	P63	442	<0.3
50.	165	P-3c1	435	<0.3
51.	31	Pmn21	422	<0.3
52.	87	I4/m	412	<0.3
53.	154	P3221	404	<0.3
54.	169	P61	400	<0.3
55.	122	I-42d	398	<0.3
56.	198	P213	377	<0.3
57.	45	Iba2	362	<0.3
58.	170	P65	328	<0.3
59.	142	I41/acd	326	<0.3
60.	68	Ccca	307	<0.3
61.	54	Pcca	303	<0.3
62.	130	P4/ncc	303	<0.3
63.	225	Fm3m	299	<0.3
64.	72	Ibam	262	<0.3
65.	166	R-3m	257	<0.3
66.	8	Cm	252	<0.3
67.	155	R32	244	<0.3
68.	163	P-31c	235	<0.3
69.	110	I41cd	235	<0.3
70.	59	Pmmn	213	<0.3
71.	159	P31c	208	<0.3
72.	220	I-43d	207	<0.3
73.	217	I-43m	202	<0.3
74.	113	P-421m	197	<0.3
75.	34	Pnn2	191	<0.3
76.	73	Ibca	180	<0.3
77.	55	Pbam	179	<0.3
78.	79	I4	177	<0.3
79.	160	R3m	176	<0.3
80.	178	P6122	167	<0.3
81.	80	I41	160	<0.3
82.	143	P3	158	<0.3
83.	23	I222	156	<0.3
84.	81	P-4	152	<0.3
85.	129	P4/nmm	138	<0.3
86.	126	P4/nnc	136	<0.3
87.	194	P63/mmc	134	<0.3
88.	121	I-42m	133	<0.3
89.	179	P6522	127	<0.3
90.	118	P-4n2	126	<0.3
91.	141	I41/amd	122	<0.3
92.	94	P42212	121	<0.3
93.	32	Pba2	116	<0.3
94.	26	Pmc21	115	<0.3
95.	40	Ama2	113	<0.3
96.	136	P42/mnm	113	<0.3
97.	3	P2	112	<0.3
98.	74	Imma	108	<0.3
99.	139	I4/mmm	107	<0.3
100.	227	Fd3m	107	<0.3
101.	229	Im3m	106	<0.3
102.	53	Pmna	100	<0.3
103.	218	P-43n	97	<0.3
104.	10	P2/m	97	<0.3
105.	190	P-62c	94	<0.3
106.	197	I23	93	<0.3

107.	30	Pnc2	92	<0.3
108.	65	Cmmm	88	<0.3
109.	37	Ccc2	85	<0.3
110.	123	P4/mmm	83	<0.3
111.	186	P63mc	83	<0.3
112.	46	Ima2	82	<0.3
113.	84	P42/m	81	<0.3
114.	137	P42/nmc	80	<0.3
115.	222	Pn3n	79	<0.3
116.	192	P6/mcc	78	<0.3
117.	203	Fd3	75	<0.3
118.	104	P4nc	74	<0.3
119.	138	P42/ncm	73	<0.3
120.	71	Immm	73	<0.3
121.	77	P42	73	<0.3
122.	221	Pm3m	73	<0.3
123.	219	F-43c	72	<0.3
124.	42	Fmm2	72	<0.3
125.	228	Fd3c	69	<0.3
126.	204	Im3	69	<0.3
127.	182	P6322	68	<0.3
128.	17	P2221	67	<0.3
129.	66	Cccm	66	<0.3
130.	106	P42bc	66	<0.3
131.	206	Ia3	65	<0.3
132.	44	Imm2	64	<0.3
133.	98	I4122	64	<0.3
134.	120	I-4c2	63	<0.3
135.	127	P4/mbm	63	<0.3
136.	124	P4/mcc	62	<0.3
137.	128	P4/mnc	60	<0.3
138.	164	P-3m1	60	<0.3
139.	158	P3c1	59	<0.3
140.	150	P321	57	<0.3
141.	91	P4122	55	<0.3
142.	135	P42/mbc	54	<0.3
143.	50	Pban	54	<0.3
144.	171	P62	54	<0.3
145.	117	P-4b2	53	<0.3
146.	48	Pnnn	51	<0.3
147.	21	C222	51	<0.3
148.	24	I212121	48	<0.3
149.	230	Ia3d	47	<0.3
150.	215	P-43m	46	<0.3
151.	67	Cmma	46	<0.3
152.	140	I4/mcm	46	<0.3
153.	51	Pmma	45	<0.3
154.	69	Fmmm	44	<0.3
155.	216	F-43m	43	<0.3
156.	39	Abm2	42	<0.3
157.	90	P4212	41	<0.3
158.	196	F23	40	<0.3
159.	97	I422	40	<0.3
160.	95	P4322	39	<0.3
161.	172	P64	39	<0.3
162.	75	P4	39	<0.3
163.	134	P42/nnm	37	<0.3
164.	83	P4/m	36	<0.3

165.	180	P6222	36	<0.3
166.	213	P4132	36	<0.3
167.	191	P6/mmm	35	<0.3
168.	109	I41md	33	<0.3
169.	202	Fm3	33	<0.3
170.	16	P222	31	<0.3
171.	212	P4332	30	<0.3
172.	226	Fm3c	30	<0.3
173.	199	I213	30	<0.3
174.	133	P42/nbc	28	<0.3
175.	119	I-4m2	27	<0.3
176.	223	Pm3n	25	<0.3
177.	174	P-6	24	<0.3
178.	193	P63/mcm	24	<0.3
179.	181	P6422	23	<0.3
180.	112	P-42c	23	<0.3
181.	116	P-4c2	22	<0.3
182.	131	P42/mmc	22	<0.3
183.	224	Pn3m	22	<0.3
184.	6	Pm	21	<0.3
185.	201	Pn3	21	<0.3
186.	185	P63cm	21	<0.3
187.	47	Pmmm	20	<0.3
188.	38	Amm2	20	<0.3
189.	108	I4cm	20	<0.3
190.	209	F432	20	<0.3
191.	168	P6	20	<0.3
192.	214	I4132	20	<0.3
193.	175	P6/m	19	<0.3
194.	102	P42nm	19	<0.3
195.	125	P4/nbm	19	<0.3
196.	151	P3112	19	<0.3
197.	49	Pccm	19	<0.3
198.	22	F222	17	<0.3
199.	187	P-6m2	17	<0.3
200.	211	I432	17	<0.3
201.	189	P-62m	15	<0.3
202.	107	I4mm	14	<0.3
203.	27	Pcc2	14	<0.3
204.	132	P42/mcm	14	<0.3
205.	103	P4cc	13	<0.3
206.	210	F4132	13	<0.3
207.	195	P23	12	<0.3
208.	28	Pma2	12	<0.3
209.	157	P31m	12	<0.3
210.	153	P3212	11	<0.3
211.	25	Pmm2	11	<0.3
212.	200	Pm3	11	<0.3
213.	188	P-6c2	10	<0.3
214.	162	P-31m	10	<0.3
215.	149	P312	9	<0.3
216.	184	P6cc	9	<0.3
217.	89	P422	7	<0.3
218.	111	P-42m	7	<0.3
219.	93	P4222	6	<0.3
220.	208	P4232	6	<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	5	<0.3
226.	177	P622	4	<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