

Statistical mapping of USPC to CPC for Class 313

USPC Subclass	Most statistically relevant CPC groups
313/1	H 01J 61/94, H 01J 21/20, H 01J 2893/003, H 01J 40/16, H 01J 61/30
313/2.1	H 01J 2231/1255, H 01J 31/203, H 01J 31/12, H 01J 29/86, H 01J 29/46
313/3	H 01J 21/20, H 01J 2893/003, H 01J 31/14, H 01J 21/02, H 01J 40/00
313/5	H 01J 21/20, H 01J 2893/003, H 01J 1/18, H 01J 19/52, H 01J 40/00
313/6	H 01J 21/20, H 01J 2893/003, H 01J 19/42, H 01J 19/02, H 01J 2893/0001
313/7	H 01J 41/04, H 01J 41/06, H 01J 41/20, H 01J 13/28, H 01J 2893/0086
313/8	H 01J 61/00, H 01J 61/10, H 01J 61/98, H 01J 2893/0056, H 01K 11/00
313/9	H 01K 1/04, H 01K 1/14, H 01K 11/00, H 01K 1/18, H 01K 1/28
313/10	G 01K 7/22, G 01K 13/00, G 01K 2217/00, H 01J 9/42, H 01J 17/28
313/11	H 01J 61/52, F 21V 29/004, F 21Y 2101/02, H 01J 61/045, H 01J 61/78
313/11.5	H 01T 13/16, H 01T 13/467, H 01T 13/34, H 01T 13/32, H 01T 13/14
313/12	H 01J 13/32, H 01J 61/52, H 01J 19/36, H 01J 2893/0027, H 05H 1/48
313/13	H 01J 13/32, H 01J 61/52, A 61N 5/06, H 01J 17/28, F 21V 29/02
313/14	H 01J 45/00, H 01K 1/04, H 01K 1/14
313/15	H 01J 61/52, H 01J 61/523, H 01J 3/025, H 01J 61/544, C 02F 1/325
313/16	H 01J 13/34, H 01J 13/48, H 01J 2893/0087, H 01J 13/50, H 01J 61/54
313/17	H 01J 61/34, H 01J 61/35, H 01J 65/046, H 01J

	61/52, H 01J 21/20
313/18	H 01J 13/32, H 01J 13/20, H 01J 13/50, H 01J 2893/0088, H 01J 2893/0092
313/19	H 01J 13/32, H 05B 7/185, H 01J 3/025, H 01J 13/02, H 01J 13/18
313/20	H 01J 13/32, H 01J 13/02, H 01J 2893/0073, H 01J 19/42, H 01J 2893/0002
313/21	H 01J 19/36, H 01J 2893/0027, H 01J 19/34, H 01J 19/74, H 01J 2893/0003
313/22	H 01J 61/52, H 01J 13/32, H 01J 29/006, H 01J 13/02, H 01J 13/28
313/23	H 01J 61/52, A 61N 5/06, A 61N 2005/005, A 61N 2005/0644, H 01J 13/00
313/24	H 01J 61/52, H 01J 19/36, H 01J 2893/0027, C 02F 1/325, F 21V 29/02
313/25	H 01J 61/34, H 01J 61/827, H 01J 61/50, H 01J 61/52, H 01J 61/35
313/26	H 01J 61/34, H 01J 1/20, H 01K 1/34, Y 02B 20/125, A 61N 5/06
313/27	H 01J 61/34, H 01J 61/35, F 21V 29/02, H 01J 1/20, H 01J 61/18
313/28	H 01J 13/14, H 01J 2893/0083, H 01J 13/32, H 01J 61/58
313/29	H 01J 13/02, H 01J 2893/0073, H 01J 13/06, H 01J 13/14, H 01J 13/10
313/30	H 01J 23/033, H 01J 19/36, H 01J 19/42, H 01J 19/74, H 01J 23/027
313/31	H 01J 19/36, H 01J 2893/0027, H 01J 5/02, H 01J 17/066, H 01J 17/44
313/32	H 01J 19/36, H 01J 2893/0027, H 01J 61/526, H 05H 1/34, H 05H 1/28
313/33	H 01J 13/32, H 01J 13/50, H 01J 2893/0088, H 01J 13/02, H 01J 2893/0073
313/34	H 01J 13/50, H 01J 2893/0088, H 01J 61/33, H 01J 61/72, H 01J 13/48

313/35	F 21V 29/02, H 01J 29/006, H 01J 61/52, H 01J 19/36, H 01J 5/18
313/36	H 01J 29/006, H 01J 29/894, H 04N 9/31, H 01J 19/34, H 01J 7/24
313/37	H 01J 1/20, H 01J 19/42, H 01J 1/18, H 01J 21/36, H 01J 2893/0002
313/38	H 01J 1/20, H 01J 17/56, H 01J 17/04, H 01J 17/063, H 01J 17/54
313/39	H 01J 19/74, H 01J 19/28, H 01J 61/04, H 01J 2893/0013, H 01J 1/00
313/40	H 01J 19/28, H 01J 2893/0013, H 01J 19/42, H 01J 2893/0002, H 01J 61/0732
313/41	H 01J 19/00, H 01J 2893/0023, H 01J 19/28, H 01J 19/30, H 01J 19/38
313/42	H 01K 1/26, H 01J 19/34, H 01J 2893/0003, H 01J 13/16, H 01J 61/523
313/43	H 01J 19/36, H 01J 2893/0027, H 01J 61/366, H 01K 1/26, H 01K 1/58
313/44	H 01J 19/36, H 01J 2893/0027, H 01J 61/52, H 01J 61/523, H 01J 19/34
313/45	F 21K 9/00, H 01J 19/36, F 21Y 2101/02, H 01J 23/033, H 01J 2893/0027
313/46	F 21K 9/00, F 21Y 2101/02, F 21V 29/004, H 05K 7/20963, H 01J 61/52
313/47	H 01J 17/28, H 01J 19/42, H 01J 61/045, H 01J 61/35, H 01J 61/523
313/48	B 23K 9/282, A 61N 5/06, A 61N 5/0601, A 61N 2005/0606, A 61N 2005/0607
313/49	H 01K 1/46, H 01J 5/48, H 01J 5/54, H 01J 19/34, H 01J 2893/0003
313/50	H 01R 33/975, H 01J 5/12, H 01J 5/52, H 01J 17/49, H 01J 17/492
313/51	H 01K 1/46, H 01J 5/50, H 01J 5/54, H 01J 5/56, H 01R 33/02
313/52	H 01K 1/70, H 01H 39/004, H 01J 29/48, H 01J

	29/488, H 01J 47/02
313/53	F 42B 3/124
313/54	H 01J 17/32, H 01J 1/30, H 01J 61/548, G 08B 17/113, H 01J 41/08
313/62	H 05H 13/00, H 05H 7/10, H 05H 11/00, H 05H 7/00, H 05H 7/14
313/359.1	F 03H 1/0075, H 01J 27/08, H 01J 27/14, H 01J 37/08, H 05H 1/54
313/360.1	H 01J 5/06, H 01J 27/022, H 01J 27/024, H 05H 5/02, H 01J 27/02
313/361.1	H 01J 27/08, G 21K 1/087, H 01J 27/02, H 01J 27/022, H 01J 33/04
313/362.1	H 01J 27/26, H 01J 37/08, H 01J 27/04, H 01J 27/02, H 01J 27/20
313/363.1	H 01J 27/16, H 01J 27/022, H 01J 37/08, H 01J 27/10, H 01J 27/18
313/364	H 01J 3/30, H 01J 29/701, H 01J 29/74, H 01J 37/147, H 01J 37/153
313/365	H 01J 31/38, H 01J 29/385, H 01J 29/92, H 01J 29/45, H 01J 29/861
313/366	H 01J 29/456, H 01J 9/233, H 01J 29/45, H 01L 27/00, H 01J 29/451
313/367	H 01L 27/00, H 01J 29/455, H 01L 21/00, H 01J 9/233, H 01J 29/44
313/368	H 01L 27/00, H 01J 29/39, H 01J 29/455, H 01L 21/00, C 23C 14/0021
313/369	H 01J 31/495, A 61B 8/00, B 06B 1/0629, G 01N 29/06, G 01S 7/6218
313/370	H 01J 29/45, H 01J 31/38, H 01J 9/233, H 01J 29/00, H 01J 29/021
313/371	H 01J 29/45, H 01J 29/89, H 01J 31/46, H 04N 9/07, H 01J 29/898
313/372	A 61B 1/05, A 61B 1/00165, G 01M 3/005, G 01M 3/38, G 02B 23/26

313/373	H 01J 1/34, H 01J 9/12, H 01J 29/38, H 01J 31/28, B 82Y 10/00
313/374	H 01J 29/43, H 01J 31/28, H 01J 31/30, H 01J 29/435, H 01J 29/023
313/375	H 01J 29/38, H 01J 31/503, H 01J 1/34, H 01J 9/12, H 01J 29/023
313/376	H 01J 29/413, H 01J 31/36, H 01J 29/026, H 01J 31/32, H 01J 31/49
313/377	H 01J 31/36, H 01J 29/023, H 01J 29/413, H 01J 29/44, H 01J 29/43
313/378	H 01J 29/026, H 01J 29/413, H 01J 29/02, H 01J 31/36, H 01J 29/025
313/379	H 01J 29/023, H 01J 31/52, H 01J 31/48, H 01J 31/50, H 01J 31/34
313/380	H 01J 31/49, H 01J 29/385, H 01J 29/395, H 01J 29/458, H 01J 31/501
313/381	H 01J 31/42, H 01J 31/44, H 01J 25/76, H 01J 29/00, H 01J 29/385
313/382	H 01J 29/66, H 01J 31/36, C 25B 13/08, H 01J 29/46, H 01J 29/563
313/383	H 01J 29/02, H 01J 29/026, H 01J 29/025, H 01J 29/08, H 01J 29/43
313/384	H 01J 31/38, H 01J 29/45, H 01J 29/44, H 01J 31/64, H 01J 1/28
313/385	H 01J 29/45, H 01J 9/233, H 01J 29/456, G 03G 5/0433, H 01B 1/10
313/386	H 01J 29/45, H 01J 9/233, H 01J 29/456, G 03G 5/0433, H 01L 31/00
313/387	H 01J 29/023, H 01J 31/38, H 01J 29/44, H 01J 29/45, H 01J 29/624
313/388	H 01J 29/458, H 01J 31/49, H 01J 9/233, H 01J 31/48, H 01J 29/026
313/389	H 01J 31/38, H 01J 29/02, H 01J 29/465, H 01J 29/488, H 01J 29/56
313/390	H 01J 31/38, H 01J 29/45, H 01J 29/08, H 01J

	29/02, H 01J 29/026
313/391	H 01J 29/39, H 01J 29/41, G 11C 11/23, H 01J 31/60, G 11C 13/048
313/392	H 01J 29/39, G 11C 11/23, G 11C 13/048, H 01J 29/41, H 01J 31/122
313/393	H 01J 31/64, H 01J 29/02, H 01J 29/08, H 01J 29/39, H 01J 29/413
313/394	H 01J 31/60, H 01J 29/41, H 01J 31/62, G 11C 11/23, H 01J 29/39
313/395	H 01J 31/18, H 01J 29/395, H 01J 31/60, H 01J 29/10, H 01J 31/122
313/396	H 01J 31/18, H 01J 29/488, H 01J 29/48, H 01J 29/52, C 09K 11/025
313/397	H 01J 31/18, H 01J 31/60, G 01S 7/062, G 01S 7/10, H 01J 29/10
313/398	H 01J 29/10, H 01J 31/122, H 01J 9/233, H 01J 9/20, H 01J 29/18
313/399	H 01J 21/14, H 01J 31/06, H 01J 43/02, H 01J 43/08, H 01J 43/22
313/400	H 01J 31/125, H 01J 31/20, H 01J 29/80, H 01J 29/023, H 01J 31/12
313/401	H 01J 29/41, H 01J 31/585, H 01J 29/44, H 01J 31/28, H 04N 9/28
313/402	H 01J 29/07, H 01J 29/073, H 01J 29/06, H 01J 29/076, H 01J 2229/0722
313/403	H 01J 29/076, H 01J 29/07, H 01J 2229/0761, H 01J 2229/075, H 01J 9/142
313/404	H 01J 29/073, H 01J 2229/0711, H 01J 2229/0722, H 01J 2229/0772, H 01J 29/07
313/405	H 01J 29/073, H 01J 2229/0722, H 01J 2229/0711, H 01J 2229/0716, H 01J 9/142
313/406	H 01J 29/073, H 01J 2229/0722, H 01J 2229/0705, H 01J 2229/0761, C 03C 27/044
313/407	H 01J 29/073, H 01J 2229/0722, H 01J 29/07, H 01J 2229/0716, H 01J 29/06

313/408	H 01J 29/07, H 01J 29/076, H 01J 2229/0788, H 01J 29/861, H 01J 29/073
313/409	H 01J 29/503, H 01J 29/50, H 01J 29/04, H 01J 29/485, H 01J 29/82
313/410	H 01J 31/16, H 01J 31/128, G 09G 1/20, G 09G 1/22, H 01J 29/50
313/411	H 01J 2229/507, H 01J 29/50, B 82Y 10/00, H 01J 29/46, H 01J 31/20
313/412	H 01J 29/503, H 01J 29/51, H 01J 29/707, H 01J 29/703, H 01J 29/702
313/413	H 01J 29/707, H 01J 29/503, H 01J 29/701, H 01J 29/76, H 01J 29/56
313/414	H 01J 29/503, H 01J 29/488, H 01J 2229/4841, H 01J 2229/4872, H 01J 29/485
313/415	H 01J 29/32, H 01J 29/48, H 01J 31/12, G 01T 1/20, H 01J 29/00
313/416	H 01J 29/32, H 01J 31/20, H 01J 2231/1255, H 01J 31/201, H 01J 31/203
313/417	H 01J 29/82, H 01J 29/503, H 01J 29/485, H 01J 29/04, H 01J 29/506
313/418	H 01J 31/04, G 06G 7/26, H 01J 3/029, H 01J 21/14, H 01J 25/78
313/419	H 01J 31/065, H 01J 31/06, G 03G 15/321, H 01J 31/04, H 04J 3/045
313/420	H 01J 33/04, H 01J 5/18, H 01J 33/00, H 01J 33/02, H 01J 2237/164
313/421	H 01J 29/76, H 01J 31/12, H 01J 29/80, H 01J 29/46, H 01J 29/70
313/422	H 01J 31/124, H 01J 29/028, H 01J 31/126, H 01J 2329/863, H 01J 29/467
313/423	H 01J 29/60, C 23C 14/30, H 01J 29/861, H 01J 31/12, H 01J 31/124
313/424	H 01J 29/84, H 01J 29/845, H 01J 29/488, H 01J 29/50, H 01J 3/021
313/425	H 01J 29/54, H 01J 29/68, H 01J 29/823, H 01J

	29/70, H 01J 29/703
313/426	H 01J 29/76, H 01J 29/56, H 01J 29/46, H 01J 29/70, H 01J 29/762
313/427	H 01J 29/503, H 04N 9/26, H 01J 3/02, H 01J 29/02, H 01J 29/46
313/428	H 01J 29/707, H 01J 29/46, H 01J 29/54, H 01J 29/703, H 01J 29/72
313/429	H 04N 9/26, H 01J 29/803, H 01J 29/80, H 04N 9/16, H 01J 9/14
313/430	H 01J 29/703, H 01J 29/003, H 01J 2229/003, H 01J 29/56, H 01J 29/701
313/431	H 01J 29/76, H 01J 29/703, H 01J 29/54, H 01J 29/68, H 01J 29/707
313/432	H 01J 29/74, H 01J 29/46, H 01J 31/12, H 01J 25/78, H 01J 29/82
313/433	H 01J 29/72, H 01J 29/68, H 01J 29/06, H 01J 29/70, H 01J 29/701
313/434	H 01J 29/74, H 01J 29/82, H 01J 29/021, H 01J 29/46, H 01J 29/488
313/435	H 01J 29/74, H 01J 29/78, H 01J 29/46, H 01J 29/708, H 01J 31/121
313/436	H 01J 29/46, H 01J 29/74, H 01J 29/624, H 01J 29/80, H 01J 29/52
313/437	H 01J 29/021, H 01J 29/46, H 01J 29/465, H 01J 29/56, H 01J 29/701
313/438	H 01J 29/82, H 01J 29/624, H 01J 29/74, H 01J 31/12, B 29D 22/003
313/439	H 01J 29/624, H 01J 29/74, H 01J 29/78, H 01J 29/845, H 01J 29/94
313/440	H 01J 29/76, H 01J 29/762, H 01J 29/826, H 01J 29/703, H 01J 2229/7031
313/441	H 01J 29/488, H 01J 29/14, H 04N 5/7425, H 01J 29/185, H 01J 29/24
313/442	H 01J 29/68, H 01J 29/76, H 01J 23/0876, H 01J 29/54, G 09G 1/20

313/443	H 01J 37/141, H 01J 37/153, H 01J 37/143, H 01J 3/029, H 01J 29/58
313/444	H 01J 29/82, H 01J 5/06, H 01J 1/308, H 01J 29/485, B 82Y 10/00
313/445	H 01J 29/845, H 01J 29/84, H 01J 25/38, H 01J 29/18, H 01J 29/28
313/446	H 01J 29/04, H 01J 1/22, H 01J 29/485, H 01J 29/488, H 01J 1/26
313/447	H 01J 29/485, H 01J 29/488, H 01J 3/027, H 01J 29/04, H 01J 23/065
313/448	H 01J 29/488, H 01J 29/52, H 01J 29/485, H 01J 3/02, H 01J 3/028
313/449	H 01J 29/488, H 01J 29/624, H 01J 29/52, H 01J 29/56, H 01J 29/485
313/450	H 01J 29/88, H 01J 2229/882, H 01J 2229/4827, H 01J 29/624, H 01J 29/48
313/451	H 01J 29/485, H 01J 29/82, H 01J 3/027, H 01J 21/36, H 01J 29/48
313/452	H 01J 3/027, H 01J 3/029, H 01J 29/488, H 01J 35/14, H 01J 37/065
313/453	H 01J 21/14, H 01J 2893/0029, H 01J 3/029, H 01J 29/56, H 01J 29/62
313/454	H 01J 3/029, H 01J 3/026, H 01J 3/027, H 01J 29/48, G 06G 7/485
313/455	H 01J 3/029, H 01J 23/075, H 01J 23/087, H 01J 3/021, H 01J 19/38
313/456	H 01J 29/82, H 01J 29/485, H 01J 3/027, H 01J 29/92, H 01J 29/48
313/457	H 01J 29/82, H 01J 29/484, H 01J 29/485, H 01J 2229/882, H 01J 3/027
313/458	H 01J 29/82, H 01J 29/624, H 01J 29/803, H 01J 31/16, H 01J 29/02
313/459	H 01J 37/15, H 01J 29/06, H 01J 21/08, H 01J 29/481, H 01J 31/04
313/460	H 01J 29/62, H 01J 3/02, H 01J 29/503, H 01J

	29/624, H 01J 29/82
313/461	H 01J 29/861, H 01J 2229/862, H 01J 29/185, H 01J 29/327, H 01J 29/28
313/462	H 01J 29/34, H 01J 29/89, H 01J 2229/8926, G 01R 13/202, H 01J 31/121
313/463	H 05B 33/12, H 01J 29/182, H 01J 29/20, H 01J 31/122, H 01J 29/076
313/464	H 01J 29/16, H 01J 29/10, H 01J 29/481, H 01J 31/065
313/465	H 01J 29/14, H 04N 5/7425, C 09K 9/00, H 01J 29/12, H 01J 31/122
313/466	H 01J 29/28, H 01J 29/327, H 01J 29/185, H 01J 29/32, C 09K 11/025
313/467	H 01J 29/20, H 01J 29/187, H 01J 29/32, C 09K 11/025, C 09K 11/642
313/468	C 09K 11/7774, H 01J 29/187, H 01J 29/20, C 09K 11/7789, C 09K 11/7792
313/469	C 03C 4/12, H 01J 29/24, H 01J 29/20, H 01J 29/28, H 01J 29/30
313/470	H 01J 29/32, H 01J 29/327, H 01J 9/2278, H 01J 29/187, H 01J 9/2271
313/471	H 04N 9/24, H 01J 2231/121, H 01J 29/32, H 01J 29/34, H 01J 31/20
313/472	H 01J 29/322, H 01J 9/2278, H 01J 29/187, H 01J 29/32, H 01J 29/327
313/473	H 01J 29/26, H 01J 29/32, H 01J 29/187, H 01J 29/28, H 01J 31/127
313/474	H 01J 29/28, H 01J 29/185, H 01J 2229/8916, H 01J 29/89, H 01J 29/24
313/475	H 01J 29/892, H 01J 29/24, G 02B 6/08, C 30B 21/02, G 02B 6/06
313/476	H 01J 29/073, H 01J 29/24, H 01J 29/803, H 01J 29/894, H 04N 5/7425
313/477R	H 01J 29/861, H 01J 2229/862, H 01J 29/86, H 01J 2229/8606, H 01J 29/87

313/478	H 01J 29/896, H 01J 29/868, H 01J 29/898, H 01J 29/89, H 01J 29/185
313/479	H 01J 29/88, H 01J 2229/882, H 01J 29/868, H 01J 29/896, H 01J 29/867
313/480	H 01J 29/863, C 03C 4/087, H 01J 29/24, C 03C 3/102, C 03C 3/105
313/481	H 01J 29/94, H 01J 7/186, H 01J 29/88, H 01J 2229/882, H 01J 9/385
313/482	H 01J 29/073, H 01J 29/02, H 01J 29/87, H 01J 29/24, H 01J 29/82
313/477HC	H 01J 29/92, H 01J 29/861, H 01J 29/925, H 01J 29/485, H 01J 2229/925
313/93	H 01J 47/08, H 01J 47/02, H 01J 47/06, H 01J 47/00, H 01J 47/12
313/523	H 01J 40/04, H 01J 40/16, H 01J 40/06, H 01J 29/43, H 01J 31/49
313/524	G 02B 23/12, G 02B 23/08, G 02B 23/125, H 01J 29/38, H 01J 40/00
313/525	H 01J 31/50, H 01J 2231/50063, G 21K 4/00, H 01J 9/263, H 01J 29/86
313/526	H 01J 31/505, H 01J 29/02, H 01J 29/395, H 01J 29/892, H 01J 31/507
313/527	H 01J 29/385, H 01J 31/50, G 21K 4/00, H 01J 31/501, H 01J 2231/50036
313/528	H 01J 31/506, H 01J 31/507, H 01J 43/24, C 03B 23/20, C 03B 23/203
313/529	H 01J 31/501, H 01J 31/502, H 01J 31/50, H 01J 31/508, H 01J 29/62
313/530	H 01J 31/50, H 01J 29/385, H 01J 31/501, H 01J 1/34, H 01J 29/24
313/531	H 01J 40/16, H 01J 40/04, H 01J 43/06, G 01B 9/02, G 01S 11/12
313/532	H 01J 43/06, H 01J 43/16, H 01J 43/28, H 01J 43/04, H 01J 1/34
313/533	H 01J 43/22, H 01J 43/06, H 01J 43/04, H 01J

	9/12, H 01J 43/12
313/534	H 01J 43/24, H 01J 43/04, H 01J 2201/32, H 01J 9/12, H 01J 29/89
313/535	H 01J 43/22, H 01J 43/08, H 01J 43/28, H 01J 40/06, H 01J 5/16
313/536	H 01J 43/08, H 01J 43/26, H 01J 9/12, H 01J 40/02, H 01J 40/16
313/537	H 01J 40/04, H 01J 40/16, H 01J 40/00, H 01J 31/502, H 01J 43/06
313/538	H 01J 47/08, H 01J 40/06, H 01J 40/16, H 01J 40/04, H 01J 1/34
313/539	H 01J 40/16, H 01J 40/04, H 01J 40/06, H 01J 47/00, F 23N 5/082
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313/628	H 01J 61/0732, H 01J 61/0737, H 01J 61/0672, H 01J 1/14, H 01J 9/02
313/629	H 01J 17/06, H 01J 61/0672, H 01J 1/22, H 01J 17/063, H 01J 17/066
313/630	H 01J 61/0737, H 01J 17/066, H 01J 2893/0066, H 01J 61/0677, H 01J 1/14
313/631	H 01J 61/0732, H 01J 61/86, H 01J 61/073, H 01J

	61/36, H 01J 61/827
313/632	H 01J 61/0732, H 01J 61/86, H 01J 61/0735, H 01J 61/0672, H 01J 61/06
313/633	H 01J 61/0735, H 01J 61/0732, H 01J 61/0737, H 01J 17/066, H 01J 61/073
313/634	H 01J 61/30, H 01J 61/827, H 01J 61/34, H 01J 61/33, H 01J 9/247
313/635	H 01J 61/35, H 01J 61/40, H 01K 1/32, H 01J 9/20, H 01J 61/302
313/636	H 01J 61/302, C 03C 3/091, C 03C 3/087, C 03C 3/06, H 01J 61/40
313/637	H 01J 61/125, H 01J 61/827, H 01J 61/12, H 01J 61/86, H 01J 61/16
313/638	H 01J 61/125, H 01J 61/827, H 01J 61/18, H 01J 61/12, H 01J 61/34
313/639	H 01J 61/18, H 01J 61/125, H 01J 61/20, H 01J 61/827, H 01J 61/822
313/640	H 01J 61/125, H 01J 61/827, H 01J 61/20, H 01J 61/18, H 01J 61/26
313/641	H 01J 61/125, H 01J 61/827, H 01J 61/18, H 01J 61/20, H 01J 61/86
313/642	H 01J 61/18, H 01J 61/125, H 01J 61/20, H 01J 61/72, H 01J 61/0732
313/643	H 01J 61/16, H 01J 61/12, H 01J 61/125, H 01J 61/34, H 01J 61/70
313/230	H 01J 27/26, H 01J 37/08, H 01J 1/304, H 01J 27/02, H 01J 27/10
313/231.01	H 01J 37/077, B 05B 5/025, H 01J 27/20, H 01K 1/26, H 01K 1/54
313/231.11	H 01T 4/12, H 01T 1/04, H 01T 1/10, H 01T 1/20, H 01T 2/02
313/231.21	H 01T 1/10, H 01T 1/08, H 01J 17/00, H 01J 2893/0059, H 01T 1/02
313/231.31	H 05H 1/12, H 05H 1/24, H 05H 1/54, Y 02E 30/126, H 01J 65/044

313/231.41	H 05H 1/34, H 05H 1/32, H 05H 1/48, H 01J 27/08, H 01J 37/08
313/231.51	H 05H 1/3405, H 05H 1/48, H 05H 2001/3484, C 01B 21/16, C 01B 21/203
313/231.61	H 05H 1/48, H 05H 1/42, G 01N 21/73, G 01N 21/3103, G 02B 6/421
313/231.71	G 01N 2030/642, G 01N 21/67, G 01N 27/70, G 01N 30/64, H 01T 1/00
313/232	G 10K 15/06, B 21D 26/12, G 02F 1/0102, G 02F 1/1533, H 01J 65/044
313/233	H 01J 19/42, H 01J 2893/0002, H 01J 21/02, H 01H 33/20, H 01H 33/66
313/234	H 01J 65/046, G 02F 1/133604, H 01J 65/00, H 01J 21/16, H 01J 61/305
313/235	F 02P 15/12, H 01C 7/02, H 01C 7/022, H 01J 1/13, H 01J 17/06
313/236	H 01J 3/028, H 01J 1/15, H 01J 3/026, H 01J 9/50, H 01J 21/02
313/237	H 01J 9/50, H 01J 3/028, H 01J 37/067, H 01J 2893/0072, H 01J 29/865
313/238	H 01J 5/48, H 01J 61/34, H 01J 1/18, H 01J 21/02, H 01J 61/30
313/239	H 01J 19/40, H 01J 21/02, H 01J 21/20, H 01J 2893/003, H 01J 19/34
313/240	H 01J 19/42, H 01J 2893/0002, H 01J 1/18, H 01J 21/02, H 01J 23/05
313/241	H 01J 19/40, H 01J 19/42, H 01J 2893/0002, H 01J 19/02, H 01J 2893/0001
313/242	H 01J 19/34, H 01J 2893/0003, H 01J 19/42, H 01J 1/52, H 01J 19/02
313/243	H 01T 13/465, H 01J 19/42, H 01T 4/10, H 01T 4/16, H 01J 2893/0002
313/244	H 01J 21/36, C 04B 37/026, H 01J 5/20, H 01J 2893/0037, C 04B 37/02
313/245	H 01J 21/20, H 01J 2893/003, H 01J 21/36, C

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313/246	H 01J 19/34, H 01J 2893/0003, H 01J 1/20, H 01J 21/065, H 01T 4/16
313/247	H 01J 19/34, H 01J 2893/0003, H 01J 21/065, H 01J 2893/0004, H 01J 5/42
313/248	H 01J 5/26, H 01J 19/42, H 01J 2893/0043, H 01J 5/28, H 01J 9/32
313/249	H 01J 21/36, H 01J 5/32, H 01J 9/323, H 01J 17/04, H 01J 17/066
313/250	H 01J 21/36, H 01J 19/42, H 01J 2893/0002, H 01J 19/34, H 01J 21/065
313/251	H 01J 1/90, H 01J 3/027, H 01J 19/74, H 01J 21/36, H 01J 23/06
313/252	H 01J 19/42, H 01J 2893/0002, H 01J 5/44, H 01J 19/02, H 01J 21/065
313/253	H 01J 19/42, H 01J 21/065, H 01J 21/36, H 01J 2893/0002, H 01J 1/15
313/254	H 01J 19/42, H 01J 2893/0002, H 01J 21/065, H 01J 21/36, H 01J 19/34
313/255	H 01J 19/42, H 01J 2893/0002, H 01J 19/28, H 01J 2893/0013, H 01J 19/02
313/256	H 01J 19/42, H 01J 2893/0002, H 01J 29/82, H 01J 2893/0005, H 01J 19/02
313/257	H 01J 21/36, H 01J 19/42, H 01J 1/18, H 01J 2893/0002, H 01J 2893/0005
313/258	H 01J 19/52, H 01J 2893/0009, H 01J 19/42, H 01J 2893/0002, H 01J 19/02
313/259	H 01J 19/42, H 01J 2893/0005, H 01J 1/18, H 01J 3/38, H 01J 21/02
313/260	H 01J 19/42, H 01J 2893/0002, H 01J 2893/0005, H 01J 1/18, H 01J 19/52
313/261	H 01J 19/42, H 01J 2893/0002, H 01J 2893/0005, H 01J 1/18, H 01J 1/26
313/262	H 01J 19/42, H 01J 2893/0002, H 01J 21/02, H 01J 1/18, H 01J 1/20

313/263	H 01J 1/20, H 01J 19/62, H 01J 21/36, H 01J 1/94, H 01J 19/34
313/264	H 01J 1/18, H 01J 21/02, H 01J 19/42, H 01J 19/34, H 01J 2893/0002
313/265	H 01J 1/18, H 01J 19/42, H 01J 19/38, H 01J 21/02, H 01J 2893/0002
313/266	H 01J 5/32, H 01J 19/44, H 01J 5/42, H 01J 19/50, H 01J 21/36
313/267	H 01T 13/465, H 01J 61/86, F 21S 48/1186, H 01J 5/48, H 01J 5/54
313/268	H 01T 4/10, H 01J 19/42, H 01T 4/16, H 01J 21/36, H 01J 29/485
313/269	H 01J 1/18, H 01K 1/18, H 01J 19/42, H 01J 2893/0005, H 01J 29/026
313/270	H 01J 1/20, H 01J 29/04, H 01J 1/22, H 01J 1/26, H 01J 29/485
313/271	H 01K 1/18, H 01K 1/16, H 01K 1/14, H 01K 1/24, H 01K 3/00
313/272	H 01K 1/18, H 01K 9/00, H 01J 1/18, H 01K 9/08, H 01K 1/14
313/273	H 01J 1/18, H 01K 1/18, H 01K 1/24, H 01K 1/14, H 01J 1/16
313/274	H 01K 1/24, H 01K 1/18, H 01J 1/18, H 01K 1/16, H 01K 1/38
313/275	H 01K 1/18, H 01J 1/18, H 01J 1/15, F 21L 7/00, F 21L 15/02
313/276	H 01K 1/18, H 01J 1/18, H 01K 1/24, H 01K 1/16, B 60C 9/20
313/277	H 01K 1/18, H 01J 1/18, H 01J 5/32, H 01J 19/34, H 01J 19/42
313/278	H 01J 1/18, H 01J 19/42, H 01K 1/18, H 01J 2893/0005, H 01K 1/24
313/279	H 01K 1/24, H 01K 1/18, H 01J 1/18, H 01K 1/14, H 01K 1/16
313/281	H 01J 13/16, H 01J 2893/009, C 03C 27/00, C

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313/282	H 01J 5/42, H 01J 2893/0034, H 01J 19/38, H 01J 2893/0015, C 03C 27/02
313/283	H 01J 19/34, H 01J 2893/0003, C 22C 29/12, C 22C 32/0031, H 01J 1/88
313/284	H 01J 61/36, H 01J 5/20, H 01J 19/28, H 01J 61/0732, H 01J 2893/0037
313/285	H 01J 19/28, H 01J 19/42, H 01J 2893/0002, H 01J 2893/0013, H 01J 19/38
313/286	H 01J 19/34, H 01J 2893/0004, H 01J 19/42, H 01J 19/50, H 01J 2893/0002
313/287	H 01J 19/50, H 01J 2893/0008, H 01J 19/34, H 01J 19/42, H 01J 2893/0002
313/288	H 01J 17/066, H 01J 2893/0066, H 01J 19/52, H 01J 2893/0009, H 01J 29/82
313/289	H 01J 29/82, H 01J 19/42, H 01J 2893/0002, A 61L 2/087, A 61L 2202/24
313/290	H 01J 5/32, C 03C 27/044, H 01J 1/36, H 01J 2893/0053, H 01J 5/26
313/291	H 01J 17/066, H 01J 2893/0066, H 01J 1/02, H 01J 1/26, H 01J 7/18
313/292	H 01J 29/864, H 01J 2329/864, H 01J 29/028, H 01J 31/127, H 01J 9/242
313/293	H 01J 19/38, H 01J 21/02, H 01J 19/42, H 01J 2893/0002, H 01J 2893/0015
313/294	H 01J 21/02, H 01J 21/12, H 01J 2893/0032, H 01J 19/00, H 01J 2893/001
313/295	H 01J 21/12, H 01J 2893/0032, H 01J 21/02, H 01J 19/42, H 01J 2893/0002
313/296	H 01J 19/42, H 01J 2893/0002, H 01J 19/38, H 01J 21/10, H 01J 21/36
313/297	H 01J 21/02, H 01J 21/14, H 01J 2893/0029, H 01J 19/00, H 01J 19/38
313/298	H 01J 21/02, H 01J 21/20, H 01J 2893/003, H 01J 21/14, H 01J 2893/0029

313/299	H 01J 21/14, H 01J 2893/0029, H 01J 21/02, H 01J 19/00, H 01J 2893/001
313/300	H 01J 21/02, H 01J 19/38, H 01J 2893/0015, A 61L 9/20, C 02F 1/325
313/301	H 01J 21/20, H 01J 2893/003, H 01J 21/02, H 01J 19/00, H 01J 2893/001
313/302	H 01J 1/20, H 01J 21/02, H 01J 29/04, H 01J 19/80, H 01J 21/14
313/303	H 01J 21/02, H 01J 31/06, H 01J 21/14, H 01J 21/20, H 01J 2893/0029
313/304	H 01J 1/316, H 01J 9/027, H 01J 19/38, H 01J 21/20, H 01J 23/065
313/305	H 01J 3/024, H 01J 21/02, C 23C 14/30, H 01J 1/13, H 01J 1/32
313/306	H 01J 3/022, H 01J 21/02, H 01J 21/105, H 01J 1/3042, H 01J 31/127
313/307	H 01J 21/02, H 01J 19/28, H 01J 19/42, H 01J 21/14, H 01J 2893/0002
313/308	H 01J 3/022, H 01J 9/025, H 01J 21/14, H 01J 2893/0029, H 01J 1/3042
313/309	H 01J 9/025, H 01J 3/022, H 01J 1/3042, B 82Y 10/00, H 01J 31/127
313/310	H 01J 9/025, B 82Y 10/00, H 01J 2329/00, H 01J 1/304, H 01J 3/022
313/311	B 82Y 10/00, H 01J 9/025, H 01J 1/304, H 01J 2201/30469, H 01J 31/127
313/312	H 01J 5/12, H 01J 61/34, F 21V 25/12, F 21V 31/04, F 02P 15/12
313/313	H 01J 29/003, H 01J 9/20, H 01J 5/06, H 01J 19/40, H 01J 2229/0053
313/314	C 03C 17/3405, H 01J 9/395, H 01J 29/04, H 01J 29/485, H 01K 3/005
313/315	H 01K 1/14, H 01K 1/18, H 01K 1/28, H 01K 1/38, H 01K 3/00
313/316	H 01K 9/08, H 01K 9/00, H 01K 1/16, H 01K 1/14,

	H 01K 7/00
313/317	H 01J 5/20, H 01J 5/32, H 01J 2893/0037, H 01J 19/42, C 03C 27/02
313/318.01	H 01J 5/54, H 01K 1/46, H 01J 5/56, H 01J 61/327, H 01J 5/60
313/318.02	H 01J 5/54, H 01K 1/46, H 01J 5/56, H 01J 5/62, H 01J 61/34
313/318.03	H 01K 1/46, H 01J 5/56, H 01J 5/54, H 01J 5/62, H 01J 5/60
313/318.04	H 01K 1/46, H 01J 61/34, H 01K 1/465, H 01J 5/62, H 01R 33/22
313/318.05	H 01K 1/46, H 01J 5/50, H 01J 5/54, F 21S 48/1109, F 21S 48/1113
313/318.06	H 01J 5/32, H 01J 5/50, H 01J 5/54, H 01R 33/7628, H 01R 33/945
313/318.07	H 01K 1/46, H 01J 5/48, H 01K 1/44, H 01J 5/38, H 01J 5/54
313/318.08	H 01K 1/46, H 01J 5/58, H 01J 5/56, H 01J 5/48, H 01J 5/50
313/318.09	H 01K 1/46, H 01J 5/54, H 01J 9/34, H 01J 5/60, F 21V 19/0005
313/318.1	H 01R 33/09, H 01K 1/46, H 01J 5/54, F 21V 19/0005, F 21S 48/1109
313/318.11	H 01K 1/46, H 01J 61/025, F 21V 19/0005, H 01J 5/48, F 21S 48/1113
313/318.12	H 01K 1/38, H 01K 1/44, H 01J 5/38, F 21V 19/0005, H 01J 29/925
313/323	B 60S 1/603, F 21S 48/155, H 01J 17/497, H 01J 61/34, H 01R 25/006
313/324	H 01J 19/28, H 01J 21/065, H 01J 21/36, H 01J 2893/0013, H 01T 4/10
313/325	H 01T 4/08, H 01R 33/945, H 01T 4/16, H 01T 1/14, H 01T 1/00
313/326	B 82Y 10/00, H 01J 1/20, H 01J 17/066, H 01J 19/28, H 01J 23/04

313/327	H 05B 7/09, C 25C 3/125, H 05B 7/107
313/328	H 01J 13/10, H 01J 2893/0077, H 01J 13/22, G 09F 13/06, H 01J 13/00
313/329	H 01J 29/416, H 01J 29/43, H 01J 29/435, H 01J 1/16, H 01J 29/021
313/331	H 01J 61/366, H 01K 1/38, H 01K 1/40, H 01J 1/20, H 01J 19/28
313/332	H 01J 61/368, H 01K 1/38, H 01J 61/366, H 01J 9/28, H 05B 7/085
313/333	H 01K 1/16, H 01J 1/15, H 01J 1/16, H 01J 1/22, H 01J 61/0672
313/334	H 01J 1/15, H 01J 13/38, H 01J 19/30, H 01J 61/0675, H 01J 2893/0021
313/335	H 05B 31/18, B 23K 35/0283, F 42B 3/00, F 42B 3/10, F 42D 3/04
313/336	H 01J 1/3042, H 01J 9/025, H 01J 2201/319, H 01J 1/304, H 01J 3/022
313/337	H 01J 1/20, H 01J 1/28, H 01J 1/22, H 01J 1/26, H 01J 29/04
313/338	C 25D 7/12, H 01J 1/20, H 01J 1/26, H 01J 1/28, H 01J 9/042
313/339	H 01J 1/025, H 01J 1/20, H 01J 3/02, H 01J 17/063, H 01J 61/0677
313/340	H 01J 1/20, H 01J 1/22, H 01J 1/24, H 01J 1/28, H 01J 9/08
313/341	H 01J 1/15, H 01J 1/16, H 01J 9/04, H 01K 1/14, H 01J 23/05
313/342	H 01J 1/15, H 01J 1/16, H 01J 1/22, H 01J 23/05, H 01J 37/02
313/343	H 01J 1/15, H 01J 1/16, H 01K 1/14, H 01J 61/0672, H 01J 1/14
313/344	H 01K 1/14, H 01K 3/02, H 01J 61/0672, H 01J 61/0732, H 01K 3/04
313/345	H 01J 1/14, H 01J 1/15, H 01K 1/10, H 01K 1/14, H 01K 3/02

313/346R	H 01J 1/28, H 01J 1/14, H 01J 1/142, H 01J 1/20, H 01J 9/042
313/346DC	H 01J 1/28, H 01J 9/04, H 01J 9/047, H 01J 1/14, H 01J 9/042
313/347	H 01J 1/46, H 01J 9/14, H 01J 23/065, H 01J 25/04, H 01J 61/96
313/348	H 01J 19/38, H 01J 2893/0015, H 01J 19/00, H 01J 2893/0016, H 01J 2893/0024
313/349	H 01J 23/065, H 01J 1/46, H 01J 3/029, H 01J 19/38, H 01J 25/04
313/350	H 01J 19/38, H 01J 19/00, H 01J 2893/0015, H 01J 2893/0016, H 01J 2893/0024
313/351	H 01J 1/304, H 01J 1/3042, H 01J 9/025, B 03C 3/41, B 03C 7/06
313/352	H 01J 19/28, H 01J 2893/0013, H 01J 17/066, H 01J 2893/0066, H 01G 9/155
313/353	H 01J 3/026, H 01J 7/186, H 01J 13/38, H 01J 17/066, H 01J 23/05
313/354	H 05B 31/10, H 05B 31/065, H 01T 13/467, H 05B 7/085, H 05B 7/14
313/355	H 01J 19/30, H 01J 2893/002, B 23K 35/0261, H 01J 1/14, H 01J 17/066
313/356	H 01J 19/28, H 01J 2893/0013, H 01J 17/066, H 01J 61/09, B 82Y 10/00
313/357	H 05B 7/14, B 23K 35/0205, H 05B 7/085, H 01J 13/34, H 01J 2893/0087
313/358	F 21K 2/08, C 09K 11/07, H 01J 31/501, H 04N 9/3129, F 01N 13/008
313/DIG7	H 01J 29/44, H 01J 31/18, H 01J 29/395, H 01J 31/64, G 01T 1/26

Most statistically relevant CPC Subclasses

H 01J, H 01K, H 01T, B 23K, F 42B, H 05H, C 09K, C 03C, G 02B, H 01L, H 05B, G 09F, G 01L, H 01H, C 04B, G 01N, G 02F