

## Statistical mapping of USPC to CPC for Class 454

USPC Subclass	Most statistically relevant CPC groups
454/1	E 04H 12/28, E 04F 17/02, E 21B 41/005, F 23J 11/00, F 24F 7/04
454/2	B 63H 21/34, F 01N 13/085, B 61C 17/04, F 23L 17/02, B 08B 15/002
454/3	F 23L 17/02, F 23J 2900/13005, E 04D 13/1471, F 23J 13/08, F 23L 17/06
454/4	F 23J 13/08, F 23J 2213/50, F 23L 11/005, F 23L 17/02, F 23J 2900/13005
454/5	F 01N 13/085, F 23J 13/08, F 23L 17/02, B 60K 13/04, F 01N 2450/24
454/6	F 01N 13/085, F 23J 13/08, F 01N 1/16, F 23J 11/00
454/7	F 23J 13/08, F 23J 2213/50, F 24B 1/1895, F 23L 11/00, F 23L 11/005
454/8	F 24C 15/002, F 23L 17/04, F 23J 13/025, F 23L 17/02, F 23J 2211/101
454/9	F 24F 7/02, F 23L 17/10, F 24F 7/08
454/10	B 63J 2/10, F 23L 17/02, C 02F 3/1284, E 03F 5/08, F 23L 11/02
454/11	F 23L 17/10, B 63J 2/10
454/12	F 23L 17/02, F 23J 13/08, F 23J 2213/50, F 23J 2900/13005, F 23L 17/12
454/13	F 23L 17/02, E 04H 12/28, F 23J 11/00, E 04F 17/02, F 23J 13/08
454/14	F 23L 17/02, F 23J 2900/13005, F 23J 13/08, F 23L 17/10, F 23L 17/12
454/15	F 23L 17/10, F 04D 25/045, F 23L 17/005
454/16	F 23L 17/005, F 24F 7/025, F 23L 17/02, B 08B 15/002, F 23L 17/10
454/17	F 23L 17/10, F 23L 17/005, F 04D 25/04, F 04D 29/441, F 23J 15/022

454/18	F 23L 17/10, F 23L 17/00, F 23L 2700/001, F 24F 7/02, F 24F 7/025
454/19	F 23L 17/10, Y 02B 10/30, F 03D 9/001, F 04D 19/005, F 04D 25/04
454/20	F 23L 17/10, F 24F 7/02, F 16K 24/04, F 23L 13/00, F 24F 7/00
454/21	F 23L 17/10, F 23L 17/02, A 01K 31/20, F 41H 9/06
454/22	F 23L 17/10, F 23L 17/02, F 23J 15/022, F 24F 7/02, F 24F 2221/52
454/23	F 23L 17/10, F 23L 17/16, F 28F 25/00
454/24	F 23L 17/10, F 23J 13/08, F 23L 17/02, F 24F 7/02
454/25	F 23L 17/10, F 23L 17/14
454/26	F 01N 13/085, F 23L 13/02
454/27	F 23L 17/02, F 23M 9/006, F 24F 7/02
454/28	A 62C 3/04
454/29	F 24F 7/02, F 23L 17/02, E 04H 12/28, F 23N 3/085, F 23N 2035/04
454/30	E 04D 13/1471
454/31	F 23L 17/02, A 62C 3/04, F 23L 17/10, F 24F 7/02, F 24F 13/1426
454/32	F 23L 17/02, F 23L 17/06, F 23J 11/00
454/33	F 23L 17/02, F 24F 7/02, F 23L 17/08, F 23L 17/005, F 23L 17/12
454/34	F 23L 17/02, F 24F 7/02, F 23L 17/10, F 24F 7/025
454/35	F 23L 17/02, F 23J 13/08, E 04D 13/1471, F 23J 11/00, F 23J 13/025
454/36	F 23L 17/02, F 24F 7/02, E 04D 13/1471, F 23J 11/00, A 61C 13/26
454/37	F 23L 17/02, F 24F 7/02, B 61C 17/04, B 65D

	2585/6807, F 16L 17/02
454/38	F 23L 17/02, F 24F 7/02, F 28C 1/00
454/39	F 23L 17/02, B 60H 1/248, F 24F 7/02, F 23J 11/00, F 23J 2900/13004
454/40	F 23L 17/02, F 23J 11/00, F 23L 17/08, F 23L 17/16, F 23M 9/006
454/41	F 24F 7/02, F 01N 13/085, E 04F 17/026, F 01D 25/30, F 23G 7/08
454/42	F 23L 17/00, F 23L 2700/001, F 23G 7/085, F 23J 13/02, F 23L 17/02
454/43	A 01K 31/19, F 23J 15/00, F 23J 2900/15004, F 23L 17/16, F 24B 1/028
454/44	F 23J 13/02, F 23J 13/025, E 04F 17/02, E 04H 12/28, F 23J 2213/50
454/45	E 04H 12/28, F 01D 25/30, F 02K 1/822, F 23J 11/00, F 23J 13/02
454/46	F 23J 13/025, E 04H 12/28, F 16L 7/02, F 23J 3/026, F 23J 13/02
454/47	E 04D 13/1471, E 04H 12/28, F 23J 13/025, E 04F 17/02, F 23J 2213/202
454/48	F 24F 13/02, F 24F 13/084, F 24F 13/085, F 24F 13/28, F 24F 2007/003
454/49	B 08B 15/02, B 08B 15/00, B 08B 15/002, B 08B 2215/006, F 24F 7/10
454/50	B 05B 15/1222, B 05B 15/1214, B 05B 15/1203, B 05B 15/1259, B 05B 15/1237
454/51	B 05B 15/1222, B 05B 15/1292, B 05B 15/1207, B 05B 13/0452, B 05B 15/1211
454/52	B 05B 15/1222, B 05B 15/1262, B 05B 15/1292, B 05B 15/1281, B 05B 13/0452
454/53	B 05B 15/1248, B 05B 15/1229, B 05B 15/1288, B 05B 15/1251, B 05B 15/1285
454/54	B 05B 15/1262, B 05B 15/1281, B 05B 15/1222, B 05B 15/1277, B 05B 15/1266

454/55	B 05B 15/1262, B 05B 15/1277, B 01D 47/02, B 05B 15/1281, B 01D 45/06
454/56	B 08B 15/023, B 08B 15/02, B 08B 15/026, B 08B 2215/003, B 01L 1/00
454/57	B 08B 15/023, B 08B 2215/003, F 24F 3/1607, B 08B 15/02, B 05B 15/1222
454/58	B 08B 15/023, B 08B 2215/003, F 24F 11/0001, B 01L 1/04, B 23K 9/325
454/59	B 08B 15/023, B 08B 2215/003, F 23L 3/00, F 24F 3/1607, F 24F 7/065
454/60	F 24F 3/1607, B 08B 15/023, B 25H 1/20, B 08B 2215/003, G 04D 1/0014
454/61	B 08B 15/023, B 08B 15/02, F 24C 15/2021, F 24F 2011/0004, B 01L 1/00
454/62	B 08B 15/023, F 24C 15/20, B 08B 15/02, B 08B 2215/006, F 24F 11/043
454/63	B 08B 15/002, B 08B 15/00, B 08B 15/04, B 08B 15/02, F 16L 3/015
454/64	B 08B 15/005, F 16L 41/18, B 22D 45/005, B 08B 15/002, B 08B 15/00
454/65	B 08B 15/002, B 08B 15/02, B 08B 15/04, F 16L 25/0036, F 24C 15/20
454/66	F 24F 9/00, B 08B 15/02, B 08B 15/00, F 24F 2013/0616, F 24C 15/20
454/67	B 08B 15/02, B 08B 15/00, F 24C 15/20, F 24C 15/2021, B 01D 46/12
454/68	B 66B 11/024, F 24F 7/007, F 24F 11/0001, F 24F 2011/0095, A 62C 3/04
454/69	B 60H 1/00678, B 60H 1/00857, B 60H 1/0065, B 60H 1/00564, B 60H 1/00664
454/70	B 61D 27/0009, B 60H 1/00378, B 60H 1/00828, B 60H 1/247, B 64D 13/02
454/71	B 64D 13/04, B 64D 13/00, B 64D 13/06, Y 02T 50/56, B 64D 13/02
454/72	B 64D 13/04, B 64D 13/02, G 05D 16/20, B 64D

	2700/62035, G 05D 16/0619
454/73	B 64D 13/02, B 64D 13/04, G 05D 16/18, B 64D 2700/62035, G 05D 16/163
454/74	B 64D 13/04, B 64D 13/02, Y 02T 50/56, G 05D 16/20, G 05D 16/202
454/75	B 60H 3/0085, B 60H 1/008, B 60H 1/248, B 60H 1/00735, B 60H 1/0075
454/76	B 64D 13/00, B 64D 2013/003, B 64D 13/08, Y 02T 50/56, B 64D 2013/0688
454/77	B 64D 13/00, B 64D 2013/0651, B 64D 2013/0688, Y 02T 50/56
454/78	B 63J 2/10, B 60H 1/26, B 63J 2/04, B 63J 2/06, B 63B 19/04
454/79	B 63J 2/08, B 63B 57/04, B 63J 2/10, F 24F 3/04, F 24F 3/14
454/80	B 63J 2/02, B 63J 2/08
454/81	B 63J 2/10, F 24F 13/08, F 24F 13/082, B 63B 19/00, B 63B 19/04
454/82	B 63J 2/10, F 24F 7/00, B 60H 1/262, B 63J 2/02, E 04D 13/0325
454/83	B 60H 1/26, B 61C 9/24, B 61D 27/0018, B 61D 27/009
454/84	B 61C 17/04, B 60H 1/00564, B 61C 5/02, B 61D 17/04, B 61D 17/10
454/85	B 61D 17/04, F 24F 7/04, Y 02T 30/34
454/86	B 61D 17/04, Y 02T 30/34, B 61D 25/00
454/87	B 61D 27/009, B 61D 27/0018, B 61D 27/0036, B 61D 27/0072, F 24F 7/007
454/88	B 61D 27/0081, B 61D 27/009, B 60P 3/20, B 61D 3/163, B 61D 5/004
454/89	B 61D 27/0027, E 05C 17/18, E 05B 17/0025, B 61D 27/0081, F 25D 3/06
454/90	B 61D 27/0081, B 60P 3/20, B 60H 1/18, B 60H 1/248, B 60H 1/26

454/91	B 61D 27/0027, B 61D 27/0081, B 60P 3/20, B 60H 1/3232, F 25D 3/06
454/92	B 61D 27/0081, B 61D 27/0027, B 60L 1/00, B 60L 8/003, B 60P 3/205
454/93	B 60H 1/00371, B 60H 2001/00235, B 60H 1/247, B 60H 2001/00242, B 60S 1/02
454/94	B 60H 1/262, B 60J 7/1642, B 60H 1/26, B 61D 27/009, B 60H 1/00364
454/95	B 61D 27/009, B 61D 25/00, A 61G 3/001, B 60H 1/00371, B 60H 1/248
454/96	B 60H 1/267, B 60J 1/20
454/97	B 61D 27/009
454/98	B 61D 49/00, B 61D 17/04, B 62D 25/16, Y 02T 30/34
454/99	B 61D 27/0018, B 60H 1/00371, B 61D 27/009, B 61D 27/0081, F 24F 7/007
454/100	B 60H 1/00371, B 60H 2001/00221, B 61D 27/009, B 60H 1/00364, B 61D 27/0018
454/101	B 60H 1/00464, B 61D 27/0081, B 61D 27/009, F 04D 25/04, F 23L 17/10
454/102	B 61D 27/0081
454/103	B 61D 27/009, B 61D 27/0018, B 60Q 3/025, B 60Q 2500/20, B 60H 1/00371
454/104	B 60H 1/262, B 61D 27/009
454/105	B 61D 27/0018, B 61D 27/009, B 60H 1/00371, B 60H 2001/00221, B 60H 1/00364
454/106	B 61D 27/0018
454/107	B 61D 27/009, B 60H 1/00278, B 60H 1/00371, B 60H 1/004, B 60H 1/262
454/108	B 61D 27/009, B 61D 27/0018, F 24F 7/10, B 60H 1/00371, B 60H 1/262
454/109	B 60H 1/262, B 60Q 3/025, B 60Q 2500/20, B 61D 13/00, B 61D 27/0018

454/110	B 60H 3/06
454/111	B 01D 45/08, B 04C 3/00, B 60K 13/02, B 61C 17/04, B 61D 27/0018
454/112	B 61D 27/009, B 61D 27/0018, B 60H 1/00828, B 60H 1/262, B 61D 27/0036
454/113	B 64D 13/00
454/114	B 60H 1/00421, B 60H 1/248, B 61D 27/009
454/115	B 61D 27/009, B 60H 1/248, B 60H 1/262, B 60H 1/247, B 60Q 3/025
454/116	B 61D 27/009, F 24F 7/02, B 60H 1/248, B 60H 1/262, B 60H 1/267
454/117	B 61D 27/009, B 60H 1/00464, F 24F 7/025, B 61D 27/00, B 61D 27/0018
454/118	B 60P 3/20, B 65D 88/741, B 60H 1/00014, F 25D 17/005, B 65D 88/121
454/119	B 60H 1/00257, B 64F 1/28, B 64F 1/362, F 24F 3/044, F 24F 13/0218
454/120	B 60N 2/5628, B 60N 2/5635, B 60H 1/00285, B 60N 2/60, B 60H 2001/003
454/121	B 60S 1/54, B 60H 1/00692, B 60H 1/00685, B 60H 1/00842, B 60H 2001/00728
454/122	B 60S 1/54, A 47L 1/00, B 60H 1/247, B 60J 1/001, B 60J 1/002
454/123	B 60S 1/54, B 60H 1/28, B 60R 1/0602, B 60S 1/544, B 60S 1/0402
454/124	B 60H 1/247, B 60S 1/54, B 60S 1/56, B 60H 1/3407, B 60H 1/248
454/125	B 60S 1/54, B 60H 1/345, B 60H 1/3414, B 05B 1/08, B 05B 1/083
454/126	B 60H 1/00042, B 60H 1/00071, B 60H 1/00842, B 60H 2001/00171, B 60H 2001/00192
454/127	B 60S 1/54, B 60H 1/242, B 60H 1/3407, B 60H 1/00042, B 60H 1/00564
454/128	B 60J 1/20, B 60H 1/267, B 60J 1/14, B 60J

	1/2002, B 60J 1/2011
454/129	B 60H 1/262, B 60J 7/1642, B 60H 1/00464, B 60J 7/22, Y 02T 10/88
454/130	B 60H 1/267, B 63J 2/04, B 60J 1/04, B 60J 1/1884, B 62D 33/06
454/131	B 60H 1/267, B 60J 1/20, B 60H 1/3202, B 60H 1/00428, B 60H 1/00457
454/132	B 60H 1/267, B 60J 1/20, B 60H 1/3407, B 60H 1/3421, B 60H 3/06
454/133	B 60H 1/267, B 60J 1/20, B 60J 1/14, B 61D 25/00, E 06B 7/02
454/134	B 60J 1/14, B 60J 1/20, B 60H 1/267, B 60H 1/00849, B 60H 1/26
454/135	B 60J 1/20, B 60J 1/14, B 60H 1/265, B 60H 1/267, B 60H 1/30
454/136	B 60H 1/262, B 60H 1/00378, B 60H 1/248, F 24F 7/02, B 60H 1/00464
454/137	B 60H 1/247, B 60H 1/00378, B 60H 1/248, B 60H 1/00207, B 60H 1/262
454/138	B 60H 1/262, B 60H 1/247, B 60H 1/248, B 60H 3/0616, A 61G 3/008
454/139	B 60H 1/00849, B 60H 1/247, B 60H 1/00685, B 60H 3/0608, B 60H 2001/00085
454/140	B 60H 1/00207, B 60H 1/00471, B 60H 1/247, B 60H 1/00007, B 60H 1/00292
454/141	B 60H 1/247, B 60H 1/248, B 60H 1/00378, B 60H 1/00428, B 60H 1/243
454/142	B 60H 1/247, B 60H 2001/006, B 60H 1/00278, B 60H 1/00564, B 60H 1/26
454/143	B 60H 1/26, B 60H 1/00857, B 60H 1/30, B 60H 1/00378, B 60H 1/00564
454/144	B 60H 1/246, B 60H 1/247, B 60H 1/00564, B 60H 1/00207, B 60H 1/00264
454/145	B 60H 1/26, F 24F 13/10, B 60H 1/3407, B 60H 1/3435, B 60H 2001/3464



454/146	B 60H 1/28, B 60H 1/26, B 60H 3/0641, B 62D 25/081, B 60H 3/06
454/147	B 60H 1/28, B 60H 3/0641, B 60H 2001/00085, B 60H 1/00042, B 62D 25/081
454/148	B 60H 1/00042, B 60H 1/28, B 60H 2001/00085, B 60H 2001/00157, B 60H 2001/00171
454/149	B 60H 1/28, B 60H 1/26, F 24F 13/1426, F 24F 13/1406, F 24F 2013/146
454/150	B 60H 1/267, B 60H 1/28, B 60H 1/26, B 60H 1/3407, B 60H 2001/3471
454/151	B 60H 1/26, B 60H 1/267, B 60H 1/00007, B 60H 1/00014, B 60H 1/00407
454/152	B 60H 1/3407, B 60H 1/247, B 60H 2001/3478, B 60H 1/246, B 60H 1/34
454/153	B 60H 1/345, B 60H 2001/3471, B 60H 1/3414, F 24F 13/06, B 60H 1/00371
454/154	B 64D 2013/003, B 60H 1/3442, F 24F 13/065, B 60H 1/3428, B 60H 1/3435
454/155	B 60H 1/3421, B 60H 2001/3471, B 60H 1/3414, B 60H 1/345, B 60H 1/3428
454/156	B 60H 2001/00092, B 60H 1/00692, B 60H 2001/00107, B 60H 1/00028, B 60H 2001/00728
454/157	B 60H 3/0007, B 60H 1/3202, A 61L 9/12, B 60H 3/0035, A 61L 9/03
454/158	B 60H 3/0616, B 60H 2003/065, B 60H 3/0608, B 60H 1/00378, B 60H 3/06
454/159	B 60H 1/18, B 60H 1/00021, B 60H 1/00028, B 60H 1/00042, B 60H 1/00464
454/160	B 60H 1/00071, B 60H 2001/00164, B 60H 1/00007, B 60H 1/00042, B 60H 1/00842
454/161	B 60H 1/00464, B 60H 1/00042, B 60H 2001/00192, B 60H 1/00035, B 60H 1/00071
454/162	B 60H 1/249, B 60H 1/248, B 29C 45/1676, B 60H 2001/006, F 24F 7/02
454/163	B 60H 1/248, B 60H 1/00378, B 60H 1/00471, B

	60H 1/18, B 60H 1/246
454/164	B 60H 1/248, B 60H 1/249, B 60H 1/267, B 60H 1/265, B 60J 5/0418
454/165	B 60H 1/248, B 60H 1/249, B 60H 1/00014, B 60H 1/244, B 60J 5/101
454/166	E 21F 1/003, B 08B 15/005, E 04B 7/12, E 21F 1/14, E 21F 7/00
454/167	E 21F 1/003, A 62C 3/0221, B 08B 15/005, E 21F 1/00, F 24F 7/013
454/168	E 21F 7/00, E 21F 1/00, E 21F 1/006, E 21F 11/00, E 21F 1/14
454/169	E 21F 1/14, E 21F 17/103, E 21F 1/10, E 21F 1/12, E 05F 15/04
454/170	E 21F 1/14, E 21F 17/103, E 21F 1/10, B 32B 5/06, D 04H 13/003
454/171	E 21F 1/00, E 21F 1/006, E 21F 1/04, E 21F 3/00, E 21C 35/00
454/172	E 21F 1/04, E 21F 1/00, E 21F 17/02, E 21F 1/08, E 21F 3/00
454/173	B 65D 88/32, B 65D 88/744, C 05F 17/0205
454/174	A 01F 25/08, B 65D 88/742, A 23B 7/148, A 24B 1/02, F 26B 9/06
454/175	B 65D 88/742, B 65D 88/741, A 01F 25/08, F 24F 7/04, F 26B 9/103
454/176	B 65D 88/742, A 01F 25/08, A 01F 25/13, B 65D 88/741, B 65G 69/20
454/177	B 65D 88/742, A 01F 25/12, B 65D 88/741
454/178	B 65D 88/742, F 24F 3/044, F 26B 9/103, A 01F 25/08, B 65G 3/02
454/179	B 65D 88/742, F 26B 9/103, A 01F 25/08, B 65D 88/741, F 26B 9/06
454/180	B 65D 88/742, F 26B 9/103, A 01F 25/08, A 01F 25/02, B 65D 88/745
454/181	B 65D 88/742, A 01F 25/08, A 01C 15/003, A 01F

	25/16, A 01F 25/163
454/182	B 65D 88/742, B 65D 88/741, F 26B 9/063, B 65G 3/02, B 65G 69/00
454/183	A 47B 71/00, F 25D 17/042, A 21C 13/00, A 23B 7/0425, A 23B 7/148
454/184	G 06F 1/20, H 05K 7/20172, H 05K 7/20572, H 05K 7/20736, H 05K 7/20181
454/185	F 24F 7/04, E 04B 5/48, F 24F 7/00, F 24F 7/06, F 24F 7/10
454/186	F 24F 5/0075, F 24F 7/06, Y 02B 30/92, F 24F 7/007, F 24F 13/24
454/187	F 24F 3/161, H 01L 21/67017, A 61G 13/108, F 24F 3/1607, F 24F 7/10
454/188	F 24F 9/00, F 24F 7/06, F 24F 13/06, F 25D 23/023, A 01M 1/06
454/189	F 24F 9/00, A 61G 13/108, B 08B 15/00, F 24F 2009/002, F 24F 2009/007
454/190	F 24F 9/00, A 47F 3/0447, F 24F 3/1607, F 24F 2009/007, F 25D 23/023
454/191	F 24F 9/00, A 61G 13/108, A 61B 19/38, A 61B 2019/385, A 61L 9/00
454/192	F 24F 9/00, F 24F 13/06, F 24F 13/075, F 24F 13/1413, F 25D 23/023
454/193	A 47F 3/0447, F 24F 9/00, A 47F 3/001, A 47F 3/0495, A 47B 81/00
454/194	A 62B 13/00, F 16K 17/006, F 24F 11/043, F 24F 13/15, F 24F 2011/0095
454/195	E 06B 7/02, E 06B 7/082, F 24F 13/18, E 06B 7/10, E 05B 65/0078
454/196	E 06B 7/02, E 06B 7/10, F 24F 7/00, E 06B 1/38, E 06B 7/04
454/197	A 47C 21/00, A 47C 29/003, A 47C 29/006, F 24F 7/08
454/198	E 06B 7/10, A 47L 1/16, E 06B 7/02, A 47F 3/0426, A 47F 3/0434

454/199	E 04D 13/0325, F 24F 7/02, F 24F 7/025, E 04D 13/03, E 04D 2013/0345
454/200	F 24F 7/013, F 24F 7/007, F 24F 2221/12, F 04D 25/10, F 04D 25/12
454/201	F 24F 1/027, F 24F 13/082, F 24F 1/00, F 24F 1/0003, F 24F 1/022
454/202	F 24F 13/075, F 24F 13/15, F 24F 1/04, F 24F 13/20, F 24F 1/02
454/203	F 24F 1/04, F 24F 13/20, E 06B 7/02, F 24F 13/32, E 06B 7/03
454/204	F 24F 1/04, F 24F 13/32, E 06B 7/02, E 06B 7/28, F 24F 1/027
454/205	F 24F 7/013, F 24F 3/1603, F 24F 7/007, F 24F 2221/12, E 06B 7/03
454/206	F 24F 7/013, F 24F 13/24, F 16L 55/02, E 06B 7/02, E 06B 7/084
454/207	F 24F 7/013, E 06B 7/03, F 24F 3/1603, F 24F 6/025, F 24F 6/04
454/208	F 24F 7/013, F 04D 25/12, F 04D 29/526, E 06B 7/02, F 04D 25/06
454/209	F 24F 7/013, F 04D 29/646, F 04D 25/08, F 04D 25/10, F 04D 25/12
454/210	F 24F 7/013, F 04D 29/646, F 04D 25/12, F 24F 7/007, F 04D 29/526
454/211	E 06B 7/10, E 06B 7/03, F 24F 13/18, E 06B 7/02, E 06B 7/26
454/212	E 06B 7/02, E 06B 7/10, E 06B 7/26, F 24F 13/18, F 24F 7/013
454/213	E 06B 7/02, F 24F 13/18, E 06B 7/10, E 06B 7/06, E 06B 7/26
454/214	E 06B 7/03, E 06B 7/26, E 06B 9/52, F 24F 7/00, E 05B 65/0888
454/215	E 06B 7/26, E 06B 7/03, F 24F 13/18, E 06B 7/04, E 06B 7/06
454/216	E 06B 7/26, E 06B 7/03, F 24F 13/08, F 24F

	13/082, B 21D 53/38
454/217	E 06B 7/26, E 06B 7/03, E 06B 3/50, E 06B 3/5063, E 06B 9/52
454/218	E 06B 7/26, C 03B 7/01, E 06B 3/50, E 06B 3/5063, E 06B 7/04
454/219	E 06B 7/03, E 06B 7/26, E 06B 7/02, E 06B 7/10, E 06B 9/327
454/220	E 06B 7/26, E 06B 7/03, E 06B 7/08, E 06B 9/52, E 06B 7/02
454/221	E 06B 7/03, E 06B 7/084, F 24F 13/15, E 06B 7/08, E 06B 7/082
454/222	F 24F 7/00, E 06B 7/03, E 06B 7/02, E 06B 7/10, F 24F 13/18
454/223	E 06B 7/03, E 06B 7/02, F 24F 5/0035, F 24F 12/006, F 24F 13/18
454/224	F 24F 13/08, F 24F 13/082, E 06B 7/02, E 06B 7/082, E 06B 7/10
454/225	E 06B 7/06, E 06B 7/02, E 06B 3/38, E 06B 3/50, E 05F 11/04
454/226	E 06B 7/26, E 06B 7/02, E 06B 7/28, B 61D 27/009, E 04F 10/02
454/227	F 24F 13/15, E 06B 7/02, F 24F 13/18, E 04D 13/0325, F 24F 7/013
454/228	F 24F 7/007, F 24F 7/06, F 24F 7/065, F 24F 3/044, F 24F 7/025
454/229	F 24F 2011/0002, Y 02B 30/78, Y 02B 30/94, F 24F 3/044, F 24F 11/0017
454/230	F 24F 7/007, F 24F 7/065, F 04D 25/088, F 04D 25/12, F 21V 33/0088
454/231	F 24F 7/065, F 24F 3/044, F 24D 5/00, F 24F 3/16, F 24F 6/02
454/232	F 24D 5/04, F 24F 3/044, F 24F 7/08, F 24D 5/00, F 24F 7/06
454/233	F 24F 2001/004, F 24F 13/06, F 24F 1/0011, F 24F 1/00, F 24F 1/0007

454/234	A 01K 1/0064, F 24F 7/06, A 01K 1/0047, F 24F 7/08, F 24F 12/006
454/235	F 24F 7/08, A 01K 1/0058, A 01K 1/0064, F 24F 7/06, F 24F 7/065
454/236	F 24F 3/044, F 24F 7/06, F 24D 5/00, F 24F 3/04, F 24F 3/14
454/237	F 24F 7/00, F 24F 7/04, F 24F 7/10, F 24F 13/072, E 04B 9/02
454/238	F 24F 11/0001, F 24F 2011/0004, F 24F 2011/0042, F 24F 2011/0005, F 24F 11/04
454/239	F 24F 11/0001, F 24F 7/08, F 24F 7/013, F 24F 11/0015, A 01K 1/0047
454/240	B 09C 1/005, F 04D 25/04, F 23L 17/10, F 24F 7/007, F 24F 7/06
454/241	F 24F 7/00, F 24F 3/1423, F 24F 2203/1032, F 24F 2203/1056, F 24F 2203/1068
454/242	F 24F 7/02, F 24F 7/025, F 24F 7/065, B 65D 90/34, E 04D 13/174
454/243	E 05G 1/00, E 05G 2700/00, F 24F 7/007, F 24F 7/00, E 05G 1/024
454/244	F 24F 7/013, F 04D 25/166, F 04D 25/12, F 24F 13/10, F 24F 3/12
454/245	F 24F 7/08, A 01G 9/1407, B 64D 2013/003, E 03D 9/04, E 04B 1/26
454/246	F 24D 5/00, F 24F 13/06, F 24D 19/00, F 24D 19/0082, F 24D 19/0087
454/247	F 24F 13/06, F 24D 19/00, F 24F 2221/38, A 47B 2083/025, A 47B 2200/06
454/248	F 24F 13/078, F 24F 13/06, F 24F 2013/0616, F 24F 2221/14, E 04B 9/02
454/249	E 04H 1/14, Y 02B 30/16, A 01K 1/0058, A 01K 31/22, F 24F 7/06
454/250	F 24F 7/02, F 24F 7/00, E 04D 13/17, E 04D 13/174, E 04D 13/178
454/251	F 24F 7/06, F 24F 7/08, F 24F 3/1603, F 24F

	7/007, F 24F 13/24
454/252	F 24F 7/08, F 24F 7/06, A 62B 13/00, F 24F 3/1603, Y 02B 30/16
454/253	F 24F 7/06, F 24F 7/007, F 24F 7/08, F 24F 11/0001, A 01K 1/0047
454/254	F 24F 7/00, B 63J 2/10, F 24F 1/01, F 24F 7/02, A 01G 9/241
454/255	F 24F 11/022, F 24F 2011/0004, F 24F 2011/0042, Y 02B 30/28, A 61L 9/20
454/256	F 24F 11/0001, F 24F 11/0034, Y 02B 30/78, Y 02B 30/94, F 24F 11/053
454/257	A 62C 2/06, A 62C 2/16, A 62C 2/242, A 62B 7/00, A 62C 2/14
454/258	F 24F 11/053, F 24F 13/075, F 24F 7/06, F 24F 11/006, F 24F 13/06
454/259	F 24F 13/15, F 24F 11/043, F 24F 13/1426, F 24F 7/00, F 24F 11/047
454/260	E 04D 13/178, E 04D 13/152, F 24F 7/02, F 24F 7/00, E 04D 13/17
454/261	F 24F 13/04, F 24F 13/062, F 24F 13/26, F 24F 13/06, F 24F 13/08
454/262	F 24F 13/24, F 24F 1/01, F 24F 13/04, F 24F 13/26, F 24F 3/044
454/263	F 24F 1/01, F 24F 13/26, F 24F 3/044, F 24F 13/062, A 62B 13/00
454/264	F 24F 13/26, F 24F 1/01, F 24F 2221/14, F 24F 13/04, F 24D 5/00
454/265	F 24F 3/0522, F 24F 13/04, F 24F 13/16, F 24F 7/007, G 05D 23/138
454/266	F 24F 13/04, F 24F 11/04, F 24F 13/26, F 24F 1/0007, F 24F 2001/004
454/267	F 24F 11/04, F 24F 13/1413, F 24F 1/0007, F 24F 11/027, F 28D 1/024
454/268	F 24F 13/04, F 24F 1/0007, F 24F 3/044, F 24F 11/04, F 24F 2001/004

454/269	F 24F 7/06, F 24F 13/04, F 28D 1/024, A 01K 1/0047, F 04D 17/04
454/270	F 21S 48/335, F 24F 7/00, H 05K 5/0213, E 05B 65/0078, F 24F 13/082
454/271	E 04B 1/7076, F 24F 13/084, F 24F 7/00, F 24F 13/08, F 24F 13/1413
454/272	F 24F 7/013, F 04D 25/14, F 24F 13/1426, F 04D 25/105, F 04D 25/12
454/273	F 24F 7/00, E 04C 1/42, F 24F 13/082, F 24F 13/14, F 24F 13/1426
454/274	E 05B 65/0078, F 24F 7/00, F 24F 13/16, E 06B 7/02, F 24F 13/105
454/275	F 24F 7/02, F 24F 13/08, F 24F 13/082, F 24F 7/00, B 60H 1/26
454/276	E 04B 1/7076, F 24F 13/082, F 24F 7/00, F 24F 13/00, F 24F 13/08
454/277	F 24F 13/082, F 24F 13/08, E 06B 7/02, F 24F 13/075, E 06B 7/082
454/278	F 24F 13/15, E 06B 7/084, F 24F 7/00, F 24F 11/04, F 24F 13/082
454/279	F 24F 13/082, F 24F 13/08, E 06B 7/082, B 01D 45/08, B 65B 35/54
454/280	F 24F 13/082, F 24F 13/08, B 21D 47/04, B 65D 88/742, E 04B 1/7076
454/281	F 24F 13/08, F 24F 13/082, E 06B 7/082
454/282	F 24F 13/08, F 24F 13/082, E 06B 7/082, A 01K 1/0047, A 01K 31/22
454/283	F 24F 13/082, F 24F 13/08, F 24F 7/00, E 06B 7/082, A 41D 13/0025
454/284	F 24F 13/068, F 24F 13/06, F 24F 7/007, F 24F 13/02, F 24F 13/062
454/285	F 24F 13/075, F 24F 13/15, F 24F 13/06, F 04D 25/10, F 24F 1/0011
454/286	F 24F 13/065, B 64D 2013/003, F 24F 13/072, E 04B 9/02, F 24F 13/06



454/287	F 24F 13/072, F 24D 5/02, F 24F 13/075, F 24F 13/26, F 24C 15/08
454/288	F 24F 13/072, F 24F 13/12, F 24D 5/00, F 24D 19/04, F 24F 13/075
454/289	F 24F 13/08, F 24F 13/06, F 24F 13/082, F 24F 13/084, F 24F 13/085
454/290	F 24F 13/06, F 24F 13/082, F 24F 13/1413, F 24F 7/10, F 24F 13/075
454/291	F 24F 6/04, F 24F 6/02, F 24F 6/043, F 24F 13/08, E 06B 7/02
454/292	F 24F 13/06, F 24F 7/007, F 24F 2221/14, E 04B 9/02, F 24F 13/072
454/293	F 24F 13/078, F 21V 33/0088, F 21Y 2103/00, F 24F 13/072, E 04H 1/14
454/294	F 24F 13/078, F 21V 33/0088, F 21V 33/0092, E 04B 9/02, E 04B 9/04
454/295	F 24F 13/078, F 21V 33/0088, F 21Y 2103/00, F 24F 13/072, F 21V 29/02
454/296	F 24F 7/10, F 24F 13/068, F 24F 13/06, E 04B 9/02, E 04B 9/001
454/297	F 24F 13/068, F 24F 13/06, E 04B 9/02, F 24F 13/072, F 24F 13/075
454/298	F 24F 13/068, F 24F 13/06, F 24F 13/12, E 04B 9/02, F 24F 13/072
454/299	F 24F 13/06, F 24F 13/072, F 24F 13/075, F 24F 13/062, F 24F 2221/14
454/300	F 24F 13/062, F 24F 13/06, B 60H 1/00528, F 24F 7/00, F 24F 7/007
454/301	F 24F 13/072, E 04B 2009/026, E 04B 9/02, E 04B 9/064, F 24F 13/06
454/302	F 24F 13/062, F 24F 13/06, F 24F 11/053, F 24F 3/044, F 24F 13/1413
454/303	F 24F 13/072, E 04B 2009/026, E 04B 9/02, F 24F 11/04, F 24F 13/10
454/304	F 24F 13/072, E 04B 2009/026, F 24F 13/1413, E

	04B 9/02, F 24F 13/078
454/305	F 24F 13/06, F 24F 2013/0612, F 24F 13/065, F 24F 13/26, F 24F 13/075
454/306	F 24F 13/06, F 24F 2013/0608, F 24F 13/0218, F 24F 13/02, F 24F 13/0604
454/307	F 24F 13/06, F 24F 3/1603, F 24F 13/08, F 24F 13/082, F 24F 13/1426
454/308	F 24F 13/06, F 24F 6/04, F 24F 13/1413, F 24F 13/1486
454/309	F 24F 13/075, F 24F 13/08, F 24F 13/082, F 24F 13/06, E 06B 7/082
454/310	F 24F 13/062, F 24F 13/06, F 24F 7/013, F 24F 13/075, B 60H 1/248
454/311	F 24F 13/062, F 24F 11/04, F 24F 13/06, F 24F 13/1413, F 24F 13/1426
454/312	F 24F 13/062, F 24F 13/06, F 24F 13/075, F 24F 13/1413, F 24F 13/1426
454/313	F 24F 13/075, F 24F 13/15, F 24F 13/1426, F 24F 13/06, F 24F 7/013
454/314	F 24F 13/075, F 24F 13/08, F 24F 13/15, F 24F 13/082, E 06B 7/08
454/315	F 24F 13/075, F 24F 13/15, B 60H 1/3421, B 60H 1/3428, F 24F 2001/0048
454/316	F 24F 13/075, F 24F 13/065, B 60H 1/3428, F 24F 13/06, F 24F 1/0011
454/317	F 24F 13/075, F 24F 13/06, B 60H 1/3435, F 24F 13/065, F 24F 13/10
454/318	F 24F 13/15, F 24F 13/075, F 24F 1/0011, F 24F 13/06, F 16K 1/165
454/319	F 24F 13/15, F 24F 13/075, B 60H 1/3428, E 06B 7/084, F 24F 13/08
454/320	F 24F 13/075, F 24F 13/15, F 24F 13/08, F 16K 1/165, F 24F 1/00
454/321	F 24F 13/075, F 24C 15/001, F 24D 19/04, F 24F 1/01, F 24F 1/02

454/322	F 24F 13/1426, F 24F 11/04, F 24F 13/06, F 24F 11/025, F 24F 11/047
454/323	F 24F 13/06, F 24F 13/062, F 24F 13/072, F 24F 13/10, F 24F 13/16
454/324	F 24F 13/12, F 24F 13/06, F 24F 13/10, F 24F 1/0011, F 24F 13/068
454/325	F 24F 13/15, F 24F 13/075, F 24F 13/082, F 24F 13/1413, F 24F 13/1426
454/326	F 24F 13/1413, F 24F 13/06, F 24F 7/00, F 24F 11/025, F 24F 13/075
454/327	F 24F 13/1426, F 24F 2013/1473, F 24F 11/04, F 24F 13/14, F 24F 13/1406
454/328	F 24F 6/04, F 24F 2221/12, F 24D 5/00, F 24F 6/043, F 24F 2003/1689
454/329	F 24F 7/013, F 24F 7/065, F 24F 7/007, F 24F 7/06, F 24F 13/082
454/330	F 24F 13/08, F 24F 13/075, F 24F 13/02, F 24F 13/068, F 24F 13/084
454/331	F 24F 13/08, F 24F 13/082, F 24F 13/06, F 24F 13/075, F 24F 13/084
454/332	F 24F 13/08, F 24F 13/084, F 24F 13/00, F 24F 13/082, F 24F 13/075
454/333	F 24F 13/1426, F 24F 13/1486, F 24F 13/10, F 24F 7/00, F 24F 11/04
454/334	A 01K 1/0064, F 24F 11/0001, F 24F 13/12, F 24F 2013/1466, B 60H 1/00692
454/335	F 24F 13/15, F 24F 13/1406, F 24F 13/1486, F 24F 13/081, F 24F 13/14
454/336	F 24F 13/1413, F 24F 13/1426, F 24F 2013/1473, F 24F 13/15, F 24F 13/1486
454/337	F 24F 3/16, F 24F 2003/1689, Y 02B 30/545, A 61L 9/14, F 24F 3/14
454/338	F 24F 7/007, F 24F 7/065, F 24F 7/06, A 62B 13/00, F 24F 3/1603
454/339	F 24F 7/02, F 24F 7/065, F 24F 13/082, F 24F

	2007/001, F 24F 7/00
454/340	A 62B 29/00, B 08B 15/026, B 60H 1/248, E 04H 9/14, F 24C 15/2021
454/341	F 24F 7/025, E 02D 31/008, F 24F 7/06, F 24F 7/065, A 01G 9/24
454/342	F 24F 7/025, F 24F 2011/0095, F 24F 7/06, F 24F 2007/001, A 62C 2/06
454/343	F 24F 7/013, F 24F 11/0001, F 04D 25/12, Y 02B 30/78, Y 02B 30/94
454/344	F 24F 7/065, F 24F 7/025, F 24F 7/06, F 24F 13/15, F 23L 11/005
454/345	F 24F 7/06, F 24F 7/025, F 24F 7/065, F 24F 11/0001, F 24F 11/047
454/346	F 24F 7/025, F 24F 7/06, F 24F 13/24, E 04D 13/174, F 04D 25/12
454/347	F 24C 15/20, F 24F 7/007, F 24F 7/02, A 01G 9/24, B 60H 1/00464
454/348	F 24F 7/025, F 04D 25/14, F 24F 13/16, F 24F 7/013, B 60H 1/262
454/349	F 24F 13/15, F 24F 7/013, F 24F 7/06, F 24F 2013/146, E 04D 13/0325
454/350	F 24F 7/013, F 04D 25/14, F 24F 11/043, E 04D 13/152, F 04D 17/165
454/351	F 04D 25/14, F 24F 7/013, F 24F 13/15, F 24F 7/065, F 04D 25/10
454/352	F 24F 7/025, F 04D 25/14, F 24F 13/15, F 24F 13/1413, F 24F 13/1426
454/353	F 24F 7/025, F 04D 25/14, F 24F 7/013, F 24F 7/02, B 60H 1/00464
454/354	F 24F 7/007, F 24F 7/013, F 04D 29/646, F 24F 7/065, F 24F 7/025
454/355	F 24F 7/025, F 04D 29/646, F 04D 25/12, F 24F 7/007, F 24F 13/08
454/356	F 24F 7/025, F 24F 11/0001, F 24F 11/0012, F 24F 11/0079, F 24F 2011/0013

454/357	F 24F 7/02, F 24F 2011/0095, E 05Y 2900/152, A 62C 2/12, E 04D 13/0351
454/358	F 24F 7/02, F 24F 7/00, F 24F 13/1426, E 04D 3/08, E 04D 13/0315
454/359	F 24F 7/02, F 24F 13/15, F 24F 7/00, F 24F 13/082, D 06F 58/20
454/360	F 24F 13/1426, B 64C 1/18, E 04D 13/174, F 04D 25/14, F 24F 7/02
454/361	F 24F 7/02, A 01K 41/00, B 21D 53/00, F 16K 15/148, F 23L 9/02
454/362	F 24F 7/02, F 24F 13/16, F 04D 25/14
454/363	F 24F 7/02, F 23L 17/10, F 24F 7/00, F 24F 13/1426, F 24F 13/1486
454/364	F 24F 7/02, E 04D 13/17, E 04D 13/174, A 01G 9/242, E 04D 5/14
454/365	F 24F 7/02, E 04D 13/174, E 04D 13/176, E 04D 1/36, E 04D 3/40
454/366	F 24F 7/02, E 04D 13/17, E 04D 1/30, E 04D 13/03, E 04D 13/0325
454/367	F 24F 7/02, F 23L 17/12, F 24F 13/082, F 24F 13/084, E 04D 13/174
454/368	F 24F 7/02, E 04D 13/17, B 21D 53/00, F 16K 15/148, E 04D 13/0325
454/369	A 62C 2/14, A 62C 2/12, F 24F 13/15, F 24F 2011/0095, A 62C 2/247
454/370	F 24F 13/20, A 62B 13/00, B 08B 15/00, B 60H 3/06, F 24F 7/00
454/900	B 60H 1/00428, B 60H 1/248, Y 02T 10/88, F 24F 7/025, B 60H 1/0075
454/901	E 01H 13/00, A 01G 15/00, B 08B 15/00, B 08B 2215/003, B 64D 1/16
454/902	A 62B 13/00, F 16K 17/006, E 04H 9/04, E 04H 9/12, E 06B 5/12
454/903	F 24F 13/0218, F 24F 2013/0608, F 24F 13/068, F 24F 7/065, B 60H 1/00564

<b>454/904</b>	<b>F 24F 2013/148, F 24F 13/1426, B 61D 27/0018, F 24F 13/1406, F 04D 25/14</b>
<b>454/905</b>	<b>F 24F 13/082, B 63J 2/10, F 24F 13/08, A 01K 31/22, F 24F 7/00</b>
<b>454/906</b>	<b>F 24F 13/24, B 60H 2001/006, E 06B 7/02, F 04D 29/664, F 04D 29/663</b>
<b>454/907</b>	<b>B 60N 2/5628, B 60N 2/5635, B 60H 1/00285, B 60H 2001/003, B 60N 2/5657</b>
<b>454/908</b>	<b>F 04D 29/325, F 24C 3/002</b>
<b>454/909</b>	<b>E 02D 31/008, F 24F 7/06, Y 02B 30/78, Y 02B 30/94, E 02D 31/06</b>

<b>Most statistically relevant CPC Subclasses</b>
<b>E 04H, B 63H, F 23L, F 23J, F 01N, F 24F, B 63J, A 62C, E 04D, B 05B, B 08B, B 60H, B 64D, B 61D, B 61C, B 65D, B 60N, B 60S, B 60J, E 21F, F 15B, F 26B, A 01F, F 25D, H 05K, A 47F, A 62B, E 06B, A 47C, E 05G, E 01H, F 04D</b>