

Statistical mapping of USPC to CPC for Class 48

USPC Subclass	Most statistically relevant CPC groups
48/1	B 01J 12/005, B 01J 19/0013, B 01J 19/02, B 01J 2219/00015, B 01J 2219/00121
48/2	C 10H 1/00, C 10H 5/00, C 10H 15/06
48/3R	C 07C 4/04, C 10G 2400/20, F 02M 21/00, F 02M 2700/12, F 23D 14/28
48/3A	C 10H 3/00
48/4	C 10H 1/00, F 21L 23/00, C 10H 21/00, C 10H 1/10, C 10H 5/00
48/5	
48/6	C 10H 15/06
48/7	C 10J 3/54, C 10J 3/723, D 21C 11/125
48/8	C 10H 5/00
48/9	C 10H 5/00
48/10	B 01J 7/02, C 10H 5/00, F 23Q 2/24, G 06F 11/0715, G 06F 11/0793
48/11	C 10H 1/00, C 10H 21/00, F 23C 6/04
48/12	C 01B 3/00, B 01J 7/02, C 01B 7/01, C 01B 17/165, C 01B 31/20
48/13	
48/14	
48/15	
48/16	A 63D 5/10
48/17	C 10H 5/00, C 10H 13/00
48/18	G 04B 15/06
48/19	C 10H 9/00, C 10H 5/00, C 10H 21/00
48/20	F 21L 11/00, G 09F 13/04

48/21	C 10H 5/00, C 10H 9/00, C 10H 21/02
48/22	C 10H 9/00, C 10H 5/00, C 10H 21/00
48/23	C 10H 1/00, F 16C 33/761
48/24	C 10H 5/00, C 10J 3/48, C 10J 3/52, C 10J 3/54, C 10J 3/56
48/25	C 10H 1/12, B 01J 2219/182, C 10J 3/57
48/26	C 10H 1/12
48/27	C 10H 1/00, C 10H 5/00, C 10L 3/02
48/28	A 63B 5/11, A 63B 2210/50, B 01J 7/02, B 66B 13/08, C 01B 3/00
48/29	A 24F 27/12, B 01J 7/02
48/30	B 01J 7/02, C 01B 3/061, C 01B 3/10, C 10J 1/213, F 02K 9/58
48/31	C 10H 5/00
48/32R	B 23K 3/022
48/32A	C 10H 9/00
48/32B	C 10H 15/06
48/33	C 10H 1/00, C 10H 21/00, C 10H 21/16
48/34	C 10H 3/00, C 10H 19/02, C 10H 21/14, F 02B 77/08, F 02M 25/12
48/35	C 10H 1/00, C 10H 9/00, F 21L 17/00
48/36	C 10H 15/06
48/37	C 10H 5/00
48/38	C 10H 15/06, C 10H 13/00, C 10H 15/02, C 10H 15/12, C 10H 21/16
48/39	C 10H 15/12
48/40	C 10H 15/12
48/41	C 10H 9/00, B 01J 7/02, C 10H 21/00

48/42	
48/43	C 10H 15/06
48/44	C 10H 15/06, C 10H 15/00
48/45	
48/46	C 10H 13/00, C 10H 15/12, C 10H 21/08
48/47	
48/48	C 10H 13/00
48/49	C 10H 15/12, F 02N 99/008, G 06K 9/3216, G 06K 2209/40, G 06T 7/2033
48/50	A 23L 2/40, C 08J 7/047, C 08J 7/06, C 08J 2301/24, C 08J 2401/00
48/51	C 10H 15/06
48/52	C 10H 15/12, C 10H 15/06, C 10H 15/02, A 63B 23/0458
48/53	C 10H 15/06, C 10H 15/02
48/53.1	C 10H 15/06, C 10H 21/00
48/53.2	C 10H 15/06
48/53.3	C 10H 15/06, C 10H 15/02, C 10H 15/12, C 10H 21/08, C 10L 3/02
48/53.4	C 10H 15/06, C 10H 15/12
48/54	C 10H 15/12, C 10H 15/02, A 63B 22/02, A 63B 2022/0214, A 63B 2022/0228
48/55	C 10H 15/06
48/58	C 01B 3/00, C 10H 15/06, B 60K 13/04, B 60P 1/60, C 10H 1/00
48/56	A 62C 4/02, C 10H 15/06, C 10H 21/08
48/57	C 10H 21/16, F 21L 23/00, C 10H 1/08, C 10H 15/06, C 10H 1/00
48/59	F 02M 25/00, F 41A 1/04

48/60	C 01B 31/32, C 10H 21/00, C 01P 2004/50, C 01P 2004/80
48/61	C 01B 2203/066, Y 02E 60/50, C 01B 2203/0233, C 01B 2203/0811, C 01B 2203/0283
48/116	B 01J 8/0085, B 01J 8/009, B 01J 8/0438, B 01J 8/0492, B 01J 2208/00203
48/117	C 10G 2400/26, C 10L 3/00, F 02M 1/00, F 02M 2700/4321
48/118	B 01J 7/02, B 01J 8/003, B 01J 16/00, B 01J 2208/00752, B 01J 2208/00778
48/62R	C 10J 3/08, C 10J 3/48, C 10J 3/20, C 10J 3/54, C 10J 3/56
48/71	C 10J 3/00, C 10J 1/213, C 10J 3/16, C 10J 3/84, Y 02E 20/18
48/72	C 10J 3/30, A 63B 21/062, A 63B 21/1434, A 63B 23/1218, A 63B 23/1245
48/73	C 10J 3/00, C 10J 3/54, C 10J 3/48, C 10J 3/46, C 10J 3/56
48/76	C 10J 3/26, C 10J 3/00, C 10J 3/20, C 10J 3/56, Y 02E 20/18
48/77	C 10J 3/48, Y 02E 20/18, C 10J 3/84, C 10J 2300/093, C 10J 3/46
48/78	C 10J 3/00, C 10J 3/46, C 10J 2300/0933, C 10J 1/213, C 10J 3/08
48/79	C 10J 1/213, A 63B 21/026
48/80	C 10J 1/213, C 10J 3/00, C 10B 27/00, C 10G 9/38, C 10J 3/84
48/81	C 01B 3/04, C 01B 3/065, C 04B 35/14, C 08G 79/08, C 10B 47/22
48/84	C 01B 2203/0233, C 01B 2203/066, C 01B 2203/0811, C 01B 2203/1258, B 01J 8/0257
48/82	C 10J 3/00, C 10J 3/06
48/83	C 10J 3/24, C 10J 3/00, C 10J 3/72, C 10J 3/28, C 21B 9/12

48/85	B 01J 19/127, B 01J 2219/0871, B 01J 2219/0875, C 01B 3/12, C 07C 29/1518
48/75	C 10G 9/00, B 01J 8/087, B 01J 12/007, B 01J 19/249, B 01J 2208/00088
48/63	C 10J 3/46, C 10J 3/80, C 10J 2300/0933, C 10J 3/00, C 10J 2300/0936
48/64	C 10J 3/00, C 10J 3/34, C 10J 3/80, C 10J 3/46, C 10J 3/76
48/65	C 10B 19/00, B 01J 2219/00155, B 01J 2219/1946, C 01B 3/38, C 01B 31/18
48/66	C 10J 3/34, C 10J 3/32, H 05K 999/99, C 10J 3/80, C 10J 3/00
48/67	C 10J 3/48, C 10J 3/86, Y 02E 20/18, C 10J 3/00, C 10J 3/84
48/68	C 10J 3/34, A 47C 3/029, C 10J 3/30
48/69	C 10J 3/845, C 10J 3/485, C 10J 3/48, Y 02E 20/18, C 10J 3/34
48/74	C 10G 9/00, C 10G 9/38, C 01B 3/46, B 01J 8/0065, B 01J 8/008
48/85.1	C 10J 3/34, C 10J 3/32, H 05K 999/99, C 10B 1/10, C 10J 3/00
48/85.2	C 10J 3/32, C 10J 3/34, H 05K 999/99, C 10J 3/38, C 10B 1/04
48/86R	C 10J 3/30, C 10J 3/48, C 10J 3/50, Y 02E 20/18, C 01B 3/363
48/86A	C 10J 3/30, C 10J 3/20
48/87	C 10J 3/72, C 10J 3/80, C 10J 3/24, C 10J 3/34, C 10J 3/84
48/62A	F 02M 21/00, F 02M 2700/12, F 02M 27/02
48/89	C 10J 3/56, C 10J 3/48, C 10B 1/10, C 10B 53/02, C 10J 3/10
48/98	C 10B 53/00, C 01B 3/22, C 01B 17/506, C 01B 2203/0272, C 01B 2203/0811
48/99	C 10J 3/56, B 01J 2219/182, B 01J 8/26, B 01J

	8/34, B 01J 8/36
48/100	C 10J 3/485, C 10J 3/76, C 10J 2300/093, C 10J 2300/0956, C 01B 2203/0811
48/101	C 10J 3/08, C 10J 3/54, Y 02E 20/16, Y 02E 20/18, Y 02E 60/36
48/102R	F 02M 31/18, C 10G 2400/26, C 10G 9/00, C 10G 9/04, C 10J 1/00
48/103	F 02M 31/18, F 02M 15/045, F 23D 11/44, B 65D 51/04, C 10G 9/00
48/104	B 01J 7/02, C 10J 1/02
48/105	C 01B 3/36, C 10G 9/00, C 10G 9/18, C 10G 51/02, C 10G 2400/26
48/106	C 10G 9/00, C 10G 9/04, F 02B 43/00, F 02M 21/00, F 02M 2700/126
48/107	F 02M 31/18, F 02M 21/00, F 02M 2700/12, F 02M 21/10, F 02M 27/02
48/102A	F 02M 31/18, F 02M 21/10, C 01B 3/38, F 02M 1/00, F 02M 2700/4345
48/108	C 01B 3/363, C 10J 3/46, C 10J 2300/0933, F 02B 3/06, F 02B 47/02
48/109	B 01J 8/062, C 01B 3/384
48/110	A 63B 9/00
48/111	C 10J 3/20, C 12M 21/04, C 10J 3/26, C 10B 53/00, C 12M 23/36
48/112	F 01L 7/08
48/92	C 10J 3/57, B 01J 2219/182, C 10B 49/14, C 10G 2400/20, B 01J 10/00
48/93	C 10G 9/00, B 26B 13/16, C 01B 2203/1052, C 07C 9/14, C 10G 9/04
48/94	C 01B 3/384, C 10G 9/00, C 01B 2203/0811, Y 02E 60/50, B 01J 8/062
48/95	B 01J 8/062, C 01B 3/363, C 01B 3/384, C 01B 3/386, C 01B 2203/0811

48/96	B 01J 4/001, B 01J 19/249, B 01J 19/26, B 01J 2219/00006, B 01J 2219/0009
48/90	C 10J 3/00, C 01B 31/08, C 10B 1/06, C 10B 7/10, C 10B 47/44
48/113	B 01J 7/00, C 10B 27/06, C 10J 3/08, C 10J 3/48, C 10J 3/52
48/118.5	C 10J 3/00, B 01J 19/0093, B 01J 19/249, B 01J 2219/0002, B 01J 2219/0004
48/119	C 10B 47/22, C 10B 53/00, C 10J 3/10, C 10J 3/46, C 10J 3/50
48/120	C 07C 1/042, F 28D 15/0275, F 28D 15/046
48/122	C 10B 47/30, C 10J 3/002, C 10J 3/06, C 10J 3/14, C 10J 3/66
48/123	C 10B 1/04, C 10J 3/00
48/124	C 10B 1/04, C 10B 25/10, C 10B 25/22, C 10B 33/00, C 01B 3/38
48/126	A 63B 21/00043, A 63B 21/023, A 63B 21/0428, A 63B 21/05, A 63B 21/055
48/127.1	C 01B 3/36, C 01B 2203/1241, B 01J 2208/00212, B 01J 2208/0053, C 01B 3/22
48/127.3	C 10L 3/00, B 01D 53/047, B 01D 2259/40007, C 01B 3/36, C 07C 7/11
48/127.5	C 10J 1/213, Y 02E 20/18, B 01J 8/067, C 01B 3/025, C 01B 3/105
48/127.7	C 01B 2203/047, C 01B 2203/0244, C 01B 2203/066, C 01B 3/382, C 01B 2203/044
48/127.9	C 01B 2203/066, Y 02E 60/50, C 01B 2203/82, C 01B 2203/0233, C 01B 2203/0811
48/144	C 10J 1/00, F 23K 5/22, C 10L 3/00, F 02B 43/00, F 02M 1/00
48/160	C 01B 3/363, F 23K 5/22
48/128	C 01B 2203/066, C 01B 3/56, C 01B 2203/047, C 01B 2203/146, B 01D 2253/104
48/170	C 10J 3/00, C 10J 3/72

48/173	C 10B 27/06, G 05D 16/18
48/174	F 17B 1/04, F 17B 1/08, F 17B 1/00, F 17B 1/14, B 65D 90/30
48/175	F 17C 5/06, B 65D 90/34, F 17C 5/02, F 17C 7/04, F 17C 9/02
48/176	B 65D 90/30, F 17B 1/04, F 17B 1/00, F 17B 1/013, F 17B 1/08
48/177	F 17B 1/00, F 17B 1/007
48/178	F 17B 1/08, B 65D 90/30, F 17B 1/02, F 17B 1/26, B 65D 90/38
48/179	E 04H 7/06, F 17B 1/00, F 17B 1/013, F 17B 1/04, F 17B 1/08
48/180.1	F 02B 43/00, F 02M 21/04, F 02M 21/00, F 23D 14/48, F 02M 2700/126
48/181	B 01F 3/028
48/182	C 10J 1/00
48/183	G 01N 9/10
48/184	F 02B 43/00, F 02M 21/00, F 02M 21/04, F 02M 2700/126, F 23D 14/60
48/185	B 01F 3/028
48/186	B 01F 3/028, F 02M 29/02, B 01F 5/162, F 02B 33/00, F 02B 43/00
48/187	B 01F 3/028, B 01F 5/16, B 01F 7/00916, C 10J 1/18, F 02M 29/02
48/188	F 02M 29/02, F 23D 14/60
48/189	F 02M 29/02, F 02M 29/04
48/189.1	F 02M 1/00, C 10K 3/06, F 02M 29/02, F 23D 14/465, B 01F 3/02
48/189.2	F 02M 33/06, F 02M 1/00, F 02M 29/06, F 02M 2700/4345, F 02M 31/093
48/189.3	F 02M 21/00, F 02M 2700/1305, F 02M 1/00, F 02M 2700/4376, F 02M 29/02

48/189.4	F 02M 1/00, F 02M 2700/4376, F 02M 29/06, F 02M 29/04, F 02M 29/08
48/189.5	F 02M 29/02, F 02M 29/00, F 02M 1/00, F 02M 2700/4376, F 02M 17/16
48/189.6	F 02M 1/00, F 02M 2700/4376, F 02M 29/04, F 02M 21/00, F 02M 33/02
48/190	C 09K 3/00, C 10B 57/18, C 10L 3/00, F 17C 11/007, F 25J 2290/62
48/191	G 05D 16/12, C 01B 3/0005, F 02B 43/00, F 02M 21/00, F 02M 2700/126
48/192	A 62C 4/02, A 62C 4/00, F 23D 14/82, F 02M 1/00, F 02M 2700/4326
48/193	F 17D 5/02, F 16L 2101/30, F 16L 5/02, B 01J 19/002, C 03C 3/06
48/194	C 10L 3/003, F 16L 55/1645, Y 02C 10/14, B 01J 23/78, C 01B 3/38
48/195	C 10J 1/00, C 10L 3/006, G 05D 11/006, G 05D 11/132, G 05D 11/138
48/197R	C 10J 3/46, C 10J 3/54, Y 02E 20/18, C 01B 2203/0233, C 10J 3/00
48/198.1	C 01B 2203/0261, C 01B 3/36, C 01B 3/382, C 01B 2203/0811, B 01J 2219/00157
48/198.2	C 01B 3/36, C 01B 3/22, C 01B 3/30, C 01B 2203/1241, C 01B 3/348
48/198.3	C 01B 3/36, C 01B 3/48, C 01B 3/382, C 01B 2203/0283, C 01B 2203/047
48/198.5	C 01B 3/30, C 01B 3/40, C 01B 2203/1047, C 01B 2203/1052, C 01B 3/38
48/198.6	C 01B 3/30, C 01B 2203/1052, C 01B 3/386, C 01B 3/44, C 01B 3/38
48/198.7	C 01B 2203/1052, C 01B 3/384, C 01B 3/40, C 01B 2203/1241, C 01B 3/38
48/198.8	C 01B 3/366, C 01B 3/363, C 01B 2203/0244, C 01B 2203/0844, C 01B 2203/0866
48/199R	C 01B 3/38, C 01B 3/40, C 01B 2203/1052, C 01B

	3/22, C 01B 3/36
48/199FM	C 10L 3/00, C 10B 57/18, B 01J 8/0453, B 01J 8/0488, B 01J 8/0496
48/200	C 10J 3/00, C 10J 1/213, C 10J 3/46, Y 02E 20/18, B 01D 47/00
48/201	C 10J 3/54, C 01B 3/36, C 01B 3/363, C 01B 3/50, C 01B 2203/049
48/202	C 10J 3/00, C 10J 3/46, C 10J 3/54, C 10J 2300/0933, C 10J 2300/093
48/203	C 10J 3/46, C 10J 3/00, C 10J 2300/0933, C 10J 3/08, C 10J 2300/0936
48/204	C 10J 3/00, C 10J 1/213, C 10J 3/80, C 10J 3/46, C 10J 2300/0933
48/205	C 10J 1/213, C 10J 3/00, C 01B 3/346, C 10G 50/00, C 10J 1/207
48/206	C 10J 3/46, C 10J 2300/0933, C 10J 3/12, C 10J 1/207, C 10J 3/00
48/207	C 10J 3/00
48/208	C 10J 1/213, C 10J 3/00, C 10J 3/32, C 10J 3/34, C 10J 3/80
48/209	C 10J 3/00, C 10B 53/00, Y 02E 50/30, Y 02E 50/14, C 07C 1/00
48/210	C 10J 3/46, C 10J 2300/093, C 10J 3/00, C 10J 3/54, Y 02E 20/18
48/211	C 10G 9/00, C 10G 9/26, C 10G 9/38, B 01D 12/00, C 01B 3/36
48/212	C 01B 3/36, C 01B 3/386, C 01B 3/40, C 01B 2203/1052, C 10G 9/00
48/213	C 10G 2400/26, C 10G 47/00, C 01B 3/38, C 10L 3/00, C 01B 2203/1052
48/214R	C 10G 9/00, C 10G 9/38, C 10G 2400/26, C 01B 3/22, B 01J 8/0453
48/215	C 01B 3/36, C 01B 3/50, C 01B 2203/0495, C 01B 2203/1247, C 01B 3/386

48/214A	C 01B 3/40, C 01B 2203/1052, C 01B 3/38, B 01J 23/755, C 01B 3/384
48/216	C 10H 13/00, C 10H 21/00, C 01B 31/308, C 01B 31/32, C 10H 1/00
48/217	B 01J 19/0006, C 01B 31/32, C 10H 21/00
48/219	C 10J 1/00, C 10J 1/12, C 10J 1/26, B 01D 5/0027, B 01D 35/005
48/197FM	C 10L 3/00, C 10L 3/02, C 01B 2203/0233, C 01B 2203/066, B 23K 35/38
48/197A	C 12M 21/04, Y 02E 50/343, C 02F 3/286, C 12M 23/36, C 12M 23/58
48/DIG1	C 10J 3/00, C 10J 3/66, C 01B 31/20, C 10B 1/10, C 10B 49/04
48/DIG2	C 10J 3/46, C 10J 3/48, C 10J 3/08, C 10J 3/845, Y 02E 20/18
48/DIG3	B 01J 3/02, B 01J 8/003, B 01J 8/0035, B 05D 1/00, B 05D 1/18
48/DIG4	C 10J 3/46, C 10J 2300/0933, C 01B 3/30, C 10J 3/54, C 10G 1/02
48/DIG5	C 01B 2203/0475, B 01D 53/22, C 01B 2203/047, C 01B 3/38, C 01B 2203/041
48/DIG6	E 21B 43/243, E 21B 43/247, E 21B 43/295, E 21B 43/305, E 21B 43/40
48/DIG7	C 10J 3/46, C 10J 3/48, C 01B 3/363, Y 02E 20/18, C 10J 2300/0933
48/DIG8	C 01B 3/366, B 01J 3/08, F 02B 1/04, F 02B 3/06, B 01J 19/14
48/DIG9	F 24J 2/07, B 01J 19/127, Y 02E 10/41, C 10J 3/10, C 10J 3/20
48/DIG10	C 10J 3/723, C 10J 3/46, C 01B 3/36, C 10J 3/48, C 01B 3/32

Most statistically relevant CPC Subclasses

B 01J, C 10H, F 02M, C 10J, G 06F, C 01B, A 63D, G 04B, F 21L, E 05F, A 24F, B 23K, C 08J, A

63B, C 10B, C 10G, F 01L, F 28D, F 25J, F 17C, F 17B, B 01F, G 01N, A 62C, F 17D, C 07C, C 02F, E 21B, F 24J