

Statistical mapping of USPC to CPC for Class 117

USPC Subclass	Most statistically relevant CPC groups
117/1	C 30B 33/00, C 30B 7/00, B 82Y 20/00, C 01B 33/12, C 30B 9/00
117/2	C 30B 33/00, C 30B 29/06, H 01L 21/3225, C 30B 15/00, C 30B 25/02
117/3	C 30B 33/00, C 30B 29/06, C 30B 11/00, C 30B 15/00, C 30B 15/14
117/4	C 30B 1/00, H 01L 21/2026, C 30B 5/00, H 01L 21/02532, H 01L 27/1214
117/5	C 30B 11/00, B 29K 2995/0041, C 30B 7/00, H 01L 21/2026, H 01L 27/1214
117/6	C 30B 1/02, C 30B 1/12, C 01G 49/0018, C 01G 49/0036, C 01G 49/0054
117/7	C 30B 1/02, C 30B 1/023, C 30B 13/24, C 30B 23/02, C 30B 33/00
117/8	H 01L 21/2022, C 30B 1/023, H 01L 21/2026, H 01L 29/66757, H 01L 21/02532
117/9	C 30B 1/02, C 30B 23/02, C 30B 25/02, H 01L 21/02532, H 01L 21/2026
117/10	C 30B 1/02, C 30B 11/00, C 30B 13/00, C 30B 1/06, C 30B 1/08
117/11	C 30B 11/00, C 30B 7/00, C 30B 29/06, B 82Y 30/00, C 30B 19/02
117/12	C 30B 11/10, C 30B 11/00, C 30B 11/12, C 30B 11/005, C 30B 13/08
117/13	C 30B 29/06, C 30B 15/00, C 30B 15/14, C 30B 15/203, C 30B 15/206
117/14	C 30B 15/26, C 30B 29/06, C 30B 15/20, C 30B 15/02, C 30B 15/14
117/15	C 30B 29/06, C 30B 15/14, C 30B 15/20, C 30B 15/00, C 30B 15/22
117/16	C 30B 15/34, C 30B 15/00, C 30B 15/26, C 30B 29/06, C 30B 15/007

117/17	C 30B 27/02, C 30B 15/00, C 30B 29/40, C 30B 15/04, C 30B 15/10
117/18	C 30B 15/02, C 30B 15/12, C 30B 15/00, C 30B 27/02, C 30B 29/06
117/19	C 30B 29/06, C 30B 15/00, C 30B 15/04, C 30B 15/206, C 30B 15/203
117/20	C 30B 29/06, C 30B 15/203, C 30B 15/00, C 30B 15/14, C 30B 15/206
117/21	C 30B 29/06, C 30B 15/00, C 30B 15/04, H 01L 21/00, C 30B 15/02
117/22	C 30B 15/04, H 01L 21/00, C 30B 15/36, C 30B 15/14, C 30B 15/00
117/23	C 30B 15/34, C 30B 15/00, C 30B 15/24, C 30B 15/14, C 30B 29/06
117/24	C 30B 15/06, C 30B 15/002, C 30B 15/24, C 30B 15/00, C 30B 15/007
117/25	C 30B 15/34, C 30B 15/00, C 30B 15/005, C 30B 15/02, C 30B 13/18
117/26	C 30B 15/34, C 30B 15/24, C 30B 15/007, C 30B 15/02, C 30B 15/00
117/27	C 30B 15/06, C 30B 11/001, C 30B 15/00, C 30B 15/02, C 30B 11/00
117/28	C 30B 13/28, C 30B 13/32, C 30B 15/02, C 30B 15/08, C 30B 15/30
117/29	C 30B 29/06, C 30B 15/10, C 30B 15/18, C 30B 15/20, C 30B 25/18
117/30	C 30B 29/06, C 30B 15/305, C 30B 15/14, C 30B 15/00, C 30B 15/22
117/31	C 30B 15/12, C 30B 15/02, C 30B 15/14, C 30B 15/10, C 30B 29/06
117/32	C 30B 15/305, C 30B 29/06, C 30B 15/00, C 30B 15/14, C 30B 15/02
117/33	C 30B 15/02, C 30B 29/06, C 30B 13/00, C 30B 13/16, C 30B 13/26
117/34	C 30B 15/14, C 30B 15/02, C 30B 15/00, C 30B

	15/16, C 30B 29/06
117/35	C 30B 15/00, C 30B 15/36, C 30B 15/10, C 30B 15/30, C 30B 29/06
117/36	C 30B 15/00, C 30B 9/00, C 30B 29/06, H 01L 21/00, B 01D 9/0013
117/37	C 30B 13/00, C 30B 11/00, C 30B 13/14, C 30B 13/26, C 30B 29/06
117/38	C 22F 1/16, C 23C 14/52, C 30B 13/12, C 30B 13/26, C 30B 13/28
117/39	C 30B 13/30, H 05B 6/30, C 30B 11/003, C 30B 13/24, C 08G 63/80
117/40	H 01L 21/24, C 30B 13/02, C 30B 13/06, H 01L 29/00, B 82Y 30/00
117/41	C 30B 13/02, C 30B 13/00, C 30B 13/32, H 01L 21/00, C 01B 33/037
117/42	C 30B 13/02, C 30B 13/00, C 30B 19/04, H 01L 33/0054, C 30B 11/06
117/43	H 01L 21/2026, C 30B 13/00, H 01L 21/2022, C 30B 29/06, C 30B 13/22
117/44	C 30B 13/00, H 01L 21/2026, C 30B 13/24, C 30B 13/22, C 30B 13/34
117/45	C 30B 13/34, H 01L 21/2022, C 30B 13/06, C 30B 13/24, H 01L 21/324
117/46	C 30B 13/00, C 30B 11/00, C 30B 11/14, C 30B 11/003, C 30B 11/006
117/47	C 30B 13/00, C 30B 13/22, C 30B 13/24, C 30B 13/34, C 30B 15/02
117/48	C 01B 33/405, C 01B 33/42, C 22C 27/02, C 30B 7/06, C 30B 11/00
117/49	C 30B 13/00, C 30B 13/10, C 30B 29/06, H 01L 21/00, C 30B 13/28
117/50	C 30B 13/00, C 30B 13/22, C 30B 13/16, C 30B 13/32, H 01L 21/00
117/51	C 30B 13/20, C 30B 13/00, C 30B 13/16, C 30B 13/28, C 30B 13/30

117/52	C 30B 13/20, C 30B 13/285, C 30B 13/30, C 30B 13/28, C 30B 15/14
117/53	H 01L 21/00, C 30B 9/00, C 30B 13/02, H 01L 21/2085, H 01L 21/24
117/54	C 30B 19/02, H 01L 21/2085, C 30B 19/06, C 30B 7/00, C 30B 19/00
117/55	C 30B 19/04, C 30B 19/10, B 29C 55/30, B 29C 63/0017, B 29C 63/34
117/56	H 01L 21/2085, H 01L 33/0062, C 30B 19/04, H 01L 21/00, H 01L 33/00
117/57	C 30B 19/063, H 01L 21/2085, C 30B 19/10, C 30B 19/106, C 30B 19/04
117/58	H 01L 21/2085, C 30B 19/04, C 30B 19/12, C 30B 11/12, H 01L 21/00
117/59	C 30B 19/061, C 30B 19/04, H 01L 21/2085, C 30B 19/02, C 30B 19/062
117/60	C 30B 19/02, C 30B 19/062, C 30B 19/068, C 30B 7/00, C 30B 9/00
117/61	C 30B 19/04, C 30B 19/12, C 30B 29/40, C 30B 19/063, H 01L 21/2085
117/62	C 23C 26/02, C 30B 15/00, C 30B 15/007, C 30B 15/08, C 30B 19/04
117/63	C 30B 19/02, C 30B 11/00, C 30B 11/14, C 30B 19/04, C 30B 19/106
117/64	C 30B 19/02, C 30B 9/00, C 30B 9/10, C 30B 19/063, C 30B 19/066
117/65	C 30B 19/02, C 30B 13/02, H 01L 29/1608, H 01L 33/0054, B 01D 9/0036
117/66	C 30B 19/02, C 30B 9/02, C 30B 19/062, C 30B 19/10, C 30B 19/12
117/67	H 01L 21/2085, C 30B 19/04, H 01L 21/00, C 30B 19/066, H 01L 33/00
117/68	C 30B 7/00, B 82Y 30/00, B 01J 2219/00274, C 30B 29/58, B 01L 2300/123
117/69	C 30B 7/00, C 30B 7/10, B 01J 3/062, B 01J

	3/065, B 01J 2203/0655
117/70	C 30B 7/00, B 01L 3/06, B 01D 9/005, C 30B 7/10, C 30B 29/12
117/71	C 30B 7/00, C 30B 7/10, C 30B 29/22, C 01B 25/36, C 01G 9/02
117/72	C 30B 7/00, C 01B 33/12, C 04B 35/14, C 30B 7/10, C 30B 11/00
117/73	C 30B 29/403, C 30B 11/00, C 30B 29/406, C 30B 9/00, C 30B 9/10
117/74	C 30B 9/00, C 30B 11/00, C 01B 33/037, C 30B 9/10, C 30B 17/00
117/75	C 30B 25/005, C 30B 11/12, C 01P 2004/10, C 01P 2004/61, C 01B 31/36
117/76	C 30B 11/00, C 30B 11/002, B 22F 1/0048, C 01G 15/00, C 01G 28/00
117/77	C 30B 11/00, C 30B 11/12, C 30B 11/06, C 30B 29/40, C 01B 25/06
117/78	C 30B 9/00, C 30B 11/00, C 30B 29/403, C 30B 9/12, C 30B 29/40
117/79	B 01J 3/062, B 01J 2203/0655, B 01J 2203/068, B 01J 2203/061, B 01J 2203/062
117/80	C 30B 9/00, C 30B 9/12, C 30B 29/22, C 30B 17/00, C 30B 15/00
117/81	C 30B 11/00, C 30B 11/002, C 30B 11/003, C 30B 29/40, C 30B 29/403
117/82	C 30B 11/00, C 30B 29/40, C 30B 11/003, C 30B 29/42, C 30B 11/002
117/83	C 30B 11/00, C 30B 11/002, C 30B 11/003, C 30B 29/40, C 30B 11/14
117/84	C 30B 25/02, C 30B 23/02, C 30B 23/00, C 30B 29/06, C 30B 29/403
117/85	C 30B 23/02, C 30B 25/16, C 30B 29/40, C 30B 25/02, B 82Y 10/00
117/86	C 30B 25/02, C 30B 23/02, C 30B 25/105, C 30B 25/18, C 30B 25/16

117/87	C 30B 25/005, C 01P 2004/10, C 01B 31/36, B 82Y 30/00, C 30B 11/12
117/88	C 30B 25/02, C 30B 29/06, H 01L 21/00, H 01L 21/0262, C 30B 29/403
117/89	C 30B 25/02, H 01L 21/0262, C 30B 29/40, C 30B 29/406, H 01L 21/02546
117/90	C 30B 25/02, C 30B 25/18, C 30B 29/406, H 01L 21/02381, H 01L 21/2018
117/91	C 30B 25/02, C 30B 29/40, C 30B 25/14, C 30B 25/18, C 30B 29/403
117/92	C 30B 25/02, C 30B 25/105, C 30B 23/02, C 30B 25/14, C 30B 29/06
117/93	C 30B 25/02, C 30B 25/14, H 01L 21/0262, C 30B 29/06, C 30B 29/40
117/94	C 30B 25/02, C 30B 25/18, C 30B 29/406, C 30B 29/403, H 01L 21/02458
117/95	C 30B 25/02, C 30B 25/18, H 01L 21/2018, H 01L 21/0262, H 01L 21/0254
117/96	H 01L 21/02381, H 01L 21/0262, H 01L 21/02639, H 01L 21/02463, H 01L 21/02532
117/97	C 30B 25/02, C 30B 29/06, C 30B 25/18, H 01L 21/00, H 01L 21/02381
117/98	C 23C 16/4588, C 30B 25/08, C 30B 25/12, C 30B 25/14, C 23C 16/00
117/99	C 30B 25/02, C 30B 25/14, H 01L 21/00, H 01L 21/2056, C 30B 29/40
117/100	H 01L 21/00, C 30B 25/00, C 30B 25/005, H 01L 21/2053, H 01L 21/2056
117/101	C 30B 25/02, C 30B 25/18, C 30B 29/40, C 30B 23/02, C 30B 25/12
117/102	C 30B 25/02, C 30B 25/14, C 30B 29/40, H 01L 21/0262, C 30B 29/06
117/103	C 30B 25/105, C 30B 25/02, H 01L 21/2026, C 30B 23/00, C 30B 23/02
117/104	C 30B 25/02, C 30B 29/40, C 30B 29/406, C 30B

	23/02, C 30B 29/403
117/105	C 30B 23/02, C 30B 29/40, C 30B 23/00, C 30B 25/02, H 01L 21/02546
117/106	C 30B 23/02, C 30B 25/02, C 30B 29/403, C 30B 29/06, H 01L 21/2036
117/107	C 30B 23/00, C 30B 13/24, C 30B 23/02, C 30B 23/04, C 30B 25/00
117/108	C 30B 23/02, C 30B 29/40, H 01L 21/2036, C 30B 23/06, C 30B 25/02
117/109	C 30B 23/00, C 30B 23/02, C 30B 29/36, C 30B 23/06, C 30B 23/025
117/200	C 30B 15/10, C 30B 23/00, C 30B 11/00, C 30B 29/06, C 30B 35/002
117/201	C 30B 29/06, C 30B 15/26, C 30B 15/20, H 01L 21/2026, C 30B 13/24
117/202	C 30B 15/22, C 30B 15/26, C 30B 15/30, C 30B 7/00, C 30B 15/14
117/203	C 30B 15/10, C 30B 29/40, C 30B 11/003, C 30B 11/006, C 30B 13/28
117/204	C 30B 15/14, C 30B 11/003, C 30B 15/00, C 30B 11/00, C 30B 33/00
117/205	C 30B 25/005, C 30B 15/00, C 30B 15/30, C 30B 11/00, C 30B 15/34
117/206	C 30B 7/00, C 30B 11/00, C 30B 29/06, C 30B 30/08, B 01L 3/06
117/207	C 30B 11/10, C 30B 15/30, C 30B 29/26, B 01J 8/1836, B 01J 8/42
117/208	C 30B 29/06, C 30B 15/10, C 30B 15/30, C 30B 15/00, C 03B 19/095
117/209	C 30B 15/24, C 30B 15/34, C 30B 15/00, C 30B 15/08, C 30B 15/14
117/210	C 30B 15/34, C 30B 15/00, C 30B 15/005, C 30B 15/14, B 82Y 30/00
117/211	C 30B 15/34, C 30B 15/24, C 30B 15/08, C 30B 15/14, C 30B 15/30

117/212	C 30B 11/00, C 30B 11/001, C 30B 11/04, C 30B 15/00, C 30B 15/002
117/213	C 30B 15/12, C 30B 15/02, C 30B 15/14, C 30B 15/10, C 30B 29/06
117/214	C 30B 15/02, C 30B 15/08, C 30B 29/06, C 30B 15/00, C 30B 15/14
117/215	C 30B 15/30, C 30B 13/32, C 30B 15/00, C 30B 15/32, C 30B 29/40
117/216	C 30B 15/30, C 30B 15/14, C 30B 13/32, C 30B 15/00, C 23C 16/4581
117/217	C 30B 15/14, C 30B 29/06, C 30B 15/00, C 30B 35/00, C 30B 15/203
117/218	C 30B 15/30, C 30B 15/32, C 30B 15/14, C 30B 29/06, C 30B 15/00
117/219	C 30B 13/00, C 30B 13/28, C 30B 13/285, C 30B 13/32, C 30B 29/06
117/220	C 30B 11/002, C 30B 13/00, C 30B 13/18, C 30B 13/32, C 30B 11/00
117/221	C 30B 13/285, C 30B 13/32, C 30B 15/30, C 30B 11/007, C 30B 11/008
117/222	C 30B 13/20, C 30B 15/14, H 05B 6/30, C 30B 11/003, C 30B 13/32
117/223	C 30B 11/002, C 30B 11/003, C 30B 11/00, C 30B 29/40, C 30B 30/08
117/224	C 30B 7/10, C 01B 33/12, C 30B 29/18, B 01D 9/00, C 30B 7/00
117/900	C 30B 15/10, C 30B 15/14, C 30B 29/06, C 30B 15/00, C 30B 11/00
117/901	C 30B 30/08, C 30B 7/00, C 30B 13/20, C 30B 11/00, B 01L 3/06
117/902	C 30B 15/36, C 30B 7/00, C 30B 15/00, C 30B 25/02, C 30B 29/06
117/903	C 30B 15/36, C 30B 29/06, C 30B 15/00, C 30B 15/007, H 01L 21/00
117/904	H 01L 21/2026, H 01L 21/268, C 30B 13/24, C

	30B 13/00, C 30B 29/06
117/905	C 30B 13/22, H 01L 21/2026, C 30B 13/00, H 01L 21/268, H 01L 21/2636
117/906	C 30B 15/00, C 30B 11/00, C 30B 29/40, H 01L 21/00, C 30B 29/06
117/907	C 30B 19/04, C 30B 29/40, C 30B 9/00, C 30B 11/00, C 30B 13/00
117/910	C 30B 15/08, C 30B 15/14, C 30B 15/02, C 30B 13/28, C 30B 13/32
117/911	C 30B 15/30, C 30B 15/32, C 30B 13/285, C 30B 29/06, C 30B 15/00
117/912	C 30B 15/02, C 30B 13/28, C 30B 13/30, C 30B 7/00, C 30B 13/20
117/913	C 30B 25/02, C 30B 25/18, H 01L 21/2018, C 30B 29/06, H 01L 21/2022
117/914	C 30B 11/00, C 30B 15/007, C 30B 11/001, C 30B 15/00, C 30B 15/002
117/915	C 30B 33/00, C 30B 25/02, C 30B 25/18, C 30B 29/406, H 01L 21/76254
117/916	C 30B 29/06, C 30B 15/04, C 30B 15/00, H 01L 21/3225, C 30B 13/00
117/917	C 30B 15/305, C 30B 29/06, C 30B 15/30, C 30B 15/14, C 30B 15/00
117/918	C 30B 7/00, C 30B 11/00, G 02F 1/035, C 30B 13/00, G 02B 6/131
117/919	C 30B 7/00, G 02F 1/3615, B 29C 55/00, B 29K 2027/18, C 08K 3/0008
117/920	C 23C 16/01, C 30B 13/00, C 30B 11/10, C 30B 13/24, C 30B 25/02
117/921	C 30B 25/005, B 82Y 30/00, C 30B 11/12, C 30B 7/00, C 30B 15/00
117/922	C 30B 15/00, C 30B 15/007, C 30B 29/06, C 30B 11/00, C 30B 15/34
117/923	H 01L 21/2018, C 30B 25/18, C 30B 25/02, H 01L 21/00, H 01L 21/2022

117/924	C 30B 29/06, C 30B 11/00, C 30B 13/00, C 30B 15/007, Y 02E 10/50
117/925	C 30B 7/00, C 30B 25/02, C 30B 30/08, C 30B 11/00, C 30B 23/02
117/926	C 30B 7/00, C 30B 29/56, H 01L 41/187, H 01L 41/22, B 82T 2201/01
117/927	C 30B 7/00, C 30B 30/08, B 01J 2219/00274, B 01L 3/06, G 01N 25/147
117/928	C 30B 29/06, C 30B 23/02, C 30B 13/00, C 30B 33/00, C 30B 15/00
117/929	C 30B 25/105, C 30B 25/02, B 01J 2203/0655, C 23C 16/274, C 23C 16/27
117/930	H 01L 21/2022, C 30B 1/02, C 30B 1/023, H 01L 21/2026, H 01L 21/02532
117/931	C 30B 29/06, C 30B 11/00, C 30B 11/002, C 30B 11/12, C 30B 15/00
117/932	C 30B 29/06, C 30B 15/14, C 30B 15/00, C 30B 15/02, C 30B 15/34
117/933	C 30B 13/00, C 30B 13/20, C 30B 13/28, C 30B 13/32, C 30B 29/06
117/934	C 30B 19/00, C 30B 19/02, H 01L 21/02381, H 01L 21/02532, H 01L 21/02625
117/935	C 30B 29/06, C 30B 25/02, H 01L 21/00, H 01L 21/2018, H 01L 21/2053
117/936	H 01L 21/00, C 30B 25/02, C 30B 15/02, C 30B 15/14, C 30B 15/30
117/937	C 30B 11/00, C 30B 15/00, C 30B 7/00, C 30B 29/40, C 30B 33/00
117/938	G 03C 1/015, C 07F 1/005, C 30B 11/12, B 01B 1/005, B 82Y 30/00
117/939	C 30B 25/02, C 30B 29/40, H 01L 21/00, C 30B 11/00, C 30B 23/02
117/940	C 30B 11/00, C 30B 11/002, C 30B 29/12, C 30B 33/00, G 02B 1/02
117/941	C 30B 7/00, C 30B 9/00, C 30B 29/14, C 30B

	11/00, C 30B 29/22
117/942	C 30B 15/00, C 30B 29/22, C 09K 11/7774, C 30B 11/00, C 30B 7/00
117/943	C 30B 7/00, C 30B 7/10, C 01B 33/12, H 01L 41/22, C 30B 29/18
117/944	C 30B 15/00, C 30B 7/00, C 30B 29/22, C 30B 9/00, C 30B 25/02
117/945	C 30B 15/00, C 30B 19/02, C 30B 9/00, H 01F 41/28, C 04B 35/2675
117/946	C 30B 11/10, C 30B 15/00, C 30B 1/02, C 30B 11/00, C 30B 9/00
117/947	C 30B 23/02, C 30B 29/22, C 30B 1/02, C 30B 15/00, C 30B 25/02
117/948	C 30B 15/00, C 30B 33/00, C 30B 29/30, G 02F 1/3551, C 30B 15/34
117/949	C 30B 15/00, C 30B 9/00, C 30B 11/10, C 30B 11/00, C 30B 15/34
117/950	C 30B 15/00, C 30B 15/34, C 30B 11/10, C 30B 15/005, C 30B 29/22
117/951	C 30B 25/02, C 30B 23/00, C 30B 29/36, C 30B 25/005, C 01B 31/36
117/952	C 30B 29/403, C 30B 29/406, C 30B 25/02, H 01L 21/0254, H 01L 21/02458
117/953	C 30B 29/40, C 30B 25/02, H 01L 21/02546, H 01L 21/02543, H 01L 21/00
117/954	C 30B 29/40, C 30B 25/02, H 01L 21/02546, H 01L 21/2085, H 01L 21/0262
117/955	C 30B 29/40, H 01L 21/02543, C 30B 25/02, H 01L 21/2085, H 01L 21/02546
117/956	C 30B 11/00, C 30B 25/02, C 30B 23/02, C 30B 29/40, H 01L 21/363
117/957	H 01L 31/1832, Y 02E 10/50, C 30B 25/02, C 30B 19/04, C 30B 11/00
117/958	C 30B 23/02, C 30B 11/00, C 30B 23/00, H 01L 21/363, Y 02E 10/543

Most statistically relevant CPC Subclasses
C 30B, H 01L, C 01P, B 01J, C 04B