

## Statistical mapping of USPC to CPC for Class 112

USPC Subclass	Most statistically relevant CPC groups
112/400	D 03D 2700/017, D 03D 1/00, D 03D 1/0017, A 41B 15/00, A 41D 27/02
112/401	A 41D 5/00, A 41H 41/00, A 47G 27/025, A 45C 13/08, A 47G 27/0243
112/402	D 05B 29/06, A 41D 27/06, A 41D 31/02, A 47C 27/003, B 29C 70/24
112/403	D 05B 93/00, D 02G 3/46, D 04D 7/00, D 05C 17/00, D 06Q 1/00
112/404	D 05C 17/00, D 05D 2303/12, A 41D 27/24, A 41G 9/00, D 04D 1/04
112/405	D 05C 17/00, A 41D 1/14, A 41D 19/0051, A 41D 27/08, A 41D 27/24
112/406	A 44B 17/0058, A 41H 37/003, A 44B 19/34, A 47H 23/02
112/407	A 44B 13/0011, A 44B 13/0052, A 41F 1/04, A 44B 13/0017, A 44B 13/0082
112/408	D 05B 3/14, A 41F 1/00, A 41F 1/004, D 05B 73/12, A 41D 27/06
112/409	D 04D 5/00, D 03D 27/12, D 04D 3/00, A 41H 41/00, A 47G 27/0243
112/410	D 05C 17/026, D 05C 17/02, D 03D 27/00, D 05C 17/00, D 10B 2503/04
112/411	D 05C 17/00, D 05C 17/02, B 44F 9/00, A 41H 41/005, D 04D 5/00
112/412	A 47G 27/0256, A 43B 23/02, B 29C 70/24, B 44C 5/04, B 60R 13/04
112/413	D 05B 93/00, A 41D 27/24, A 41D 13/02, A 41D 31/00, A 41F 1/00
112/414	A 41D 27/24, A 41D 31/00, D 05D 2303/10, A 41F 9/02, D 05B 23/00
112/415	A 41D 27/24, D 05B 93/00, D 06F 83/00, A 41B 9/06, A 41D 31/0016

112/416	A 63B 61/003, D 05B 93/00, D 05C 17/00, A 41D 27/08, A 47H 23/08
112/417	B 60R 13/04, E 06B 7/22, A 47C 27/04, A 43B 23/02, A 47C 27/003
112/418	A 41D 27/24, A 47C 27/003, A 47C 27/04, A 41D 31/0038, A 41F 9/002
112/419	A 41D 27/24, D 05B 35/062, D 05B 1/24, D 05D 2303/02, A 41D 13/0012
112/420	A 47C 27/04, D 04H 1/52, A 47C 31/02, A 47G 9/0207, B 09B 1/00
112/421	D 05B 93/00, A 43B 3/0078, A 43B 23/02, A 43B 23/24, A 43D 91/00
112/422	D 05B 73/12, A 43D 55/00, A 44B 19/50, B 68G 7/105, D 05B 1/08
112/423	A 47H 23/02, D 05B 35/02, A 47G 23/03, A 41D 27/24, A 43B 23/25
112/424	D 05B 29/06, D 05B 35/062, D 05B 73/12, D 05B 93/00, D 05D 2305/04
112/425	A 41D 27/24, D 05B 1/24, D 05B 85/06, A 47C 31/02, D 05B 35/02
112/426	D 05B 93/00, A 47H 23/02, D 05B 35/02, D 05B 29/06, D 05B 37/085
112/427	A 41D 27/24, D 05D 2303/02, A 41D 1/14, A 41D 27/08, A 41G 1/04
112/428	D 05B 29/06, D 05B 35/08, A 41D 31/02, A 47C 27/121, B 60J 10/04
112/429	D 05B 73/12, D 05B 93/00, A 41D 27/08, A 43D 21/14, A 44B 19/34
112/430	D 05B 93/00, D 05B 1/20, D 05B 29/06, D 05B 55/08, D 05B 57/34
112/431	D 05B 3/10, D 05D 2303/08, D 05B 3/06, A 41F 1/02, A 41H 25/00
112/432	A 47C 31/02, A 47G 27/045, B 65D 65/38, C 09J 7/04, C 09J 2400/263
112/433	D 05B 93/00, A 41D 27/24

112/434	D 05B 93/00, A 47C 27/04, D 05B 3/02, D 05B 13/00, D 05B 57/02
112/435	D 05B 93/00
112/436	D 04D 9/04, D 05B 73/12, D 05C 17/00, D 05D 2209/12, D 05B 93/00
112/437	A 43B 23/02, D 05B 93/00, A 41B 3/00, A 41D 31/00, A 47K 10/04
112/438	D 05B 93/00, D 05B 1/06, D 05B 57/02, A 47C 7/386, B 65D 27/38
112/439	D 05C 17/00, D 06Q 1/005, D 03D 15/06, D 04G 3/02, D 05C 1/08
112/440	B 32B 5/26, D 06M 23/18, A 41D 27/24, A 41D 27/245, A 41D 31/00
112/441	A 41D 27/10, A 41D 27/20, A 41D 27/24, A 41B 1/08, B 29C 65/5057
112/2	D 05B 29/06, D 05B 73/12, D 05D 2303/02, D 05B 23/00, D 05D 2305/04
112/2.1	D 05B 11/005, D 05B 11/00, D 05D 2303/02, B 68G 15/005, D 05D 2207/02
112/2.2	B 68G 7/08, B 68G 15/005, D 05B 11/00, D 05B 11/005, A 47B 37/00
112/4	D 05B 35/066
112/6	A 46D 3/047, D 05B 23/003, D 05D 2207/02
112/7	D 05B 23/005, D 05B 73/12, D 05B 27/14, D 05B 1/20, D 05B 29/06
112/8	B 05C 1/06, B 05C 1/16
112/9	D 04G 3/02, D 04D 3/00, D 04D 5/00, D 04D 7/04, D 05B 21/00
112/10	D 05B 13/00, D 05D 2305/04, D 05D 2305/12, D 05B 25/00, D 10B 2503/06
112/11	D 05B 13/00, B 65B 51/07, D 05B 65/00, D 05B 73/12, D 10B 2505/10
112/12	D 05B 27/18, D 05D 2305/04, A 42B 1/14, A 42C 5/02, D 05B 1/24

112/13	D 05B 21/005, D 05B 23/001, D 05B 27/18
112/14	D 10B 2501/042, D 05B 21/00, D 05B 21/005, D 05B 21/007, D 05B 23/002
112/15	D 05B 23/001, A 42C 5/02, D 05B 23/002, D 05B 23/003, D 05B 27/18
112/16	D 05B 27/18, D 05D 2305/04, D 10B 2501/041, D 05B 73/12, D 05B 1/02
112/17	
112/18	D 05B 27/18, D 05B 69/00, G 05D 7/012, D 05B 27/185, D 05B 29/00
112/19	D 05B 27/185, C 14B 17/00, D 05B 33/006, D 05B 39/00, D 10B 2501/044
112/20	D 05B 27/18, D 05D 2305/04, D 05B 27/185, D 05D 2207/04, D 05B 1/20
112/21	B 42B 2/02, B 42B 2/00, B 42B 2/04, B 42B 4/00, B 42C 9/02
112/22	B 42B 2/02, D 05B 5/00, D 05C 15/20
112/23	D 05B 23/001, D 05B 35/06, D 05B 23/003, D 05B 85/006, D 05B 1/06
112/24	D 05B 23/003, D 05D 2303/00
112/25	D 05B 7/00, D 05D 2209/14, D 05D 2207/04, D 04B 9/56, D 05B 65/00
112/26	D 05B 7/00, D 05D 2209/14, D 05B 81/00, D 05B 37/04, D 04B 35/32
112/27	D 05B 7/00, D 04B 15/02, D 05B 23/009, D 04B 9/40, D 05D 2209/14
112/28	D 05B 73/12, A 43D 91/00, D 05B 15/00, D 05B 15/025, D 05B 15/04
112/29	D 05B 15/00, D 05D 2303/02
112/30	E 01B 29/26
112/31	D 05B 15/04, A 43D 21/12, A 43D 43/06, D 05B 61/00, D 05D 2305/26

112/32	D 05B 15/04, B 22C 23/02, D 05B 65/006, D 05B 67/00
112/33	A 43D 91/00, D 05B 15/00, D 05B 15/04, F 22B 1/12
112/34	D 05B 15/00, D 05B 15/04, D 05D 2303/02, D 05B 29/06, A 22C 17/14
112/35	D 05B 15/00, D 05D 2303/02, D 05B 15/04, D 05B 55/06, D 05B 55/08
112/36	D 05B 15/04, D 05B 57/146, D 05B 15/00, D 05B 29/02, D 05B 55/06
112/37	D 05B 15/04, D 05B 15/025, C 03C 29/00, D 05B 15/00, D 05B 15/08
112/38	D 05B 15/04, D 05B 57/14, D 05B 15/00, D 05D 2207/04, D 05B 57/146
112/39	D 05B 15/04, D 05B 15/00, D 05B 15/06, D 05B 67/00, D 05D 2207/02
112/40	D 05B 15/04, D 05B 55/06, D 05B 67/00
112/41	D 05B 67/00, D 05B 15/00, D 05B 15/04, D 05B 65/003, D 05D 2303/02
112/42	D 05B 67/00, D 05B 15/00, D 05B 51/00, D 05B 81/00, D 05D 2303/02
112/43	D 05B 67/00, D 05B 29/00, D 05D 2305/22, D 05D 2305/30, A 43D 25/18
112/44	D 05B 15/00, D 05D 2303/02, D 05B 15/06, D 05D 2305/08, D 05D 2305/12
112/45	D 05B 15/00, D 05B 15/04, D 05D 2305/08, D 05B 73/12, A 43D 43/02
112/46	D 05D 2303/02, D 05B 15/06, D 05B 15/00, D 05D 2305/12, D 05B 15/04
112/47	D 05B 15/00, D 05B 15/04, D 05D 2303/02, D 05B 15/005, D 05B 15/025
112/48	D 05B 15/00, D 05B 15/04, D 05B 55/06, A 43B 3/0078, A 43B 23/24
112/49	D 05B 15/025, D 05B 15/00, D 05B 13/00, D 05B 15/005, D 05B 55/06

112/50	D 05B 15/00, D 05D 2303/02, D 05B 15/04
112/51	D 05B 15/00, D 05B 15/04, D 05B 29/06, D 05B 35/02, D 05B 73/12
112/52	D 05B 15/06, D 05D 2303/02, D 05B 15/00, D 05B 15/04, D 05B 29/06
112/53	D 05B 15/00, G 06Q 30/0222, G 06Q 30/0236, G 06Q 30/0601
112/54	D 05B 15/025, A 43D 15/00, D 05B 15/04, D 05B 55/14, D 05B 57/14
112/55	D 05B 15/00, D 05B 15/04, D 05D 2303/02, A 43D 8/32, A 43D 111/003
112/56	D 05B 15/00, B 24B 5/06
112/57	D 05B 15/04, D 05B 15/00, D 05B 47/00, D 05B 49/04, D 05B 51/00
112/58	D 05B 15/04, D 05B 15/00, D 05B 81/00, D 05D 2303/02, A 42C 3/00
112/59	D 05B 47/00, D 05B 15/00, D 05B 15/04, D 05D 2303/02, A 42C 3/00
112/60	D 05B 15/00, D 05B 29/06, D 05B 15/025, D 05B 15/04, D 05B 27/04
112/61	D 05B 15/04, D 05B 15/00, D 05B 27/04, D 05B 29/00, D 05B 29/06
112/62	D 05B 15/00, D 05B 15/04, D 05B 15/005, D 05B 15/025, D 05D 2303/02
112/63	D 05B 29/06, D 05B 57/02, D 05D 2303/08, D 05B 33/00, D 05B 23/00
112/64	D 04D 5/00, A 47L 13/20, D 03D 5/00, D 04D 3/00, D 05B 3/04
112/65	D 05B 3/06, D 05B 73/12, D 05B 3/10, D 05B 35/12, D 05D 2207/02
112/66	D 05B 3/08, D 05B 3/06, D 05B 73/12, D 05B 21/00, D 10B 2501/062
112/67	D 05B 3/06, D 05B 69/22, D 05B 3/08, D 05B 69/28, D 05B 73/12

112/68	D 05B 37/02, D 05B 3/06, D 05B 3/10, D 05B 73/12, D 05B 3/08
112/69	A 61B 17/06066, A 61B 2017/06028
112/70	D 05B 3/06, D 05B 3/08, D 05B 65/00, D 05B 73/12, D 05D 2303/20
112/71	D 05B 73/12, D 05B 3/08, D 05B 3/06, D 05B 65/00, D 05D 2303/08
112/72	D 05B 3/06, D 05B 57/00, D 05B 65/06
112/73	D 05B 3/08, D 05B 3/06, D 05B 73/12, D 10B 2501/062, D 05B 3/24
112/74	D 05B 3/06, D 05B 3/08, D 05B 73/12, A 24C 1/30, B 29D 99/0075
112/75	D 05B 35/12, D 05B 3/08, D 10B 2501/062, D 05B 3/24, D 05B 3/06
112/76	D 05B 3/06, D 05B 73/12, D 05B 3/08, D 05B 3/14, D 05D 2207/02
112/77	D 05B 3/24, D 10B 2501/062, D 05B 37/02, D 05D 2303/20, D 05B 21/002
112/78	D 05B 3/04, D 05C 7/10, D 04G 3/00, D 05B 3/10, D 05B 21/00
112/80.01	D 05C 15/08, D 05C 15/20, D 05C 15/34, D 05C 15/00, D 05C 15/22
112/80.02	D 05C 15/02, A 63H 3/44, A 41G 3/0066, A 41G 3/0075, A 63H 9/00
112/80.03	D 05C 15/06, D 05C 1/00, D 05B 97/02
112/80.04	D 05C 15/06, D 05C 15/00, D 05C 1/00, D 05D 2209/14, D 03D 39/02
112/80.05	D 05C 15/06, D 05C 1/00, D 05B 85/00, D 05C 15/24, D 05C 15/18
112/80.06	D 05C 15/06, D 04G 3/02, D 04G 3/00, D 05C 1/00
112/80.07	D 05C 15/00, D 05C 15/18, D 03D 39/02, D 05C 15/20, D 05C 15/24
112/80.08	D 05C 15/20, D 05C 15/00, D 05C 15/18, D 05D

	2207/04, D 05C 15/28
112/80.15	D 05C 15/00, D 05C 15/22, D 04D 3/00, D 05C 15/20, D 05C 15/26
112/80.16	D 05C 15/00, D 05C 15/20, D 05C 15/18, D 05C 15/06, D 05C 15/24
112/80.17	D 05C 15/00, D 03C 19/00, D 04G 3/02, D 05B 3/243, D 05B 29/06
112/80.18	D 05C 15/18, B 65H 63/0324, B 65H 2701/31, D 05B 51/00, D 05C 11/14
112/80.23	D 05C 15/26, D 05C 15/00, D 03C 3/20, D 05C 15/18, D 05C 15/30
112/80.24	D 05C 15/26, D 05C 15/18, D 05C 15/32, D 05C 15/08, D 05C 15/34
112/80.3	D 05C 15/145, D 05C 15/00, D 05C 15/08, D 05C 15/12, D 05C 15/14
112/80.31	D 05C 15/28, D 05C 15/00, D 05C 15/26, D 05C 15/30, D 05C 15/145
112/80.32	D 05C 15/00, D 05C 15/14, D 05C 15/26, D 05C 15/145, D 05C 15/32
112/80.33	D 05C 15/32, D 05C 15/00, D 05C 15/14, D 05C 15/145, D 05D 2305/34
112/80.4	D 05C 15/20, D 05C 15/00, D 05C 15/08, D 05C 15/12, D 05C 15/36
112/80.41	D 05C 15/30, D 05C 15/20, D 05C 15/12, D 05D 2207/02, D 05C 15/22
112/80.42	D 05C 15/20, D 05C 15/00, D 05C 15/32, B 30B 1/263, D 01D 5/253
112/80.43	D 05C 15/20, D 05C 15/10, D 05C 15/26, D 05C 15/34, D 05C 15/00
112/80.44	D 05C 15/00, D 05B 65/00, D 05C 15/06, D 05C 15/12, D 05C 15/18
112/80.45	D 05C 15/20, D 05C 15/22, D 05C 15/16, D 05C 15/24, D 04B 27/06
112/80.5	D 05C 15/22, D 05C 15/00, D 05D 2209/14, D 05C 15/06, D 05C 15/24



112/80.51	D 05C 15/22, D 05C 15/36, D 05C 15/24, D 05C 15/32, D 05C 15/00
112/80.52	D 05C 15/22, D 05C 15/00, D 05C 15/36, D 05C 15/24, D 05C 15/32
112/80.53	D 05C 15/22, D 05C 15/12, D 05C 15/24, D 05C 15/20, D 05C 15/32
112/80.54	D 05C 15/00, D 05C 15/12, D 05C 15/32, D 05C 3/04, D 05C 15/22
112/80.55	D 05C 15/24, D 05C 15/00, D 05C 15/22, D 05C 15/36, D 04G 3/02
112/80.56	D 05C 15/22, D 05C 15/36, D 05C 15/24, D 05C 15/26
112/80.57	D 05C 15/00, D 05C 15/24, D 05C 15/22, D 05B 57/02, D 05C 15/08
112/80.58	D 05C 15/00, D 05C 15/24, D 03D 39/24, D 04D 3/00
112/80.59	D 05C 15/08, D 05C 15/22, D 05C 15/24, D 05B 57/02, D 05B 73/12
112/80.6	D 05C 15/24, D 05C 15/22, D 05C 15/20, D 05C 15/16
112/80.7	D 05C 15/18, D 05C 15/00, D 05C 15/32, D 05C 15/34, D 05C 15/26
112/80.71	D 05C 15/00, D 05C 15/34, D 06B 11/0036, D 04H 11/00, D 05B 71/04
112/80.72	D 05C 15/32, D 05C 15/18, D 03D 39/02
112/80.73	D 05C 15/18, D 05C 15/32, D 05C 15/34, D 05C 17/026, D 05B 19/08
112/81	D 05B 3/02, D 05B 3/04, D 05B 29/06, D 05B 57/00, D 05B 73/12
112/82	D 05B 27/04
112/83	D 05C 11/16, D 05C 3/04, D 05D 2203/00, D 05C 7/04, D 05C 7/08
112/84	D 05C 11/16, D 05C 5/04, D 05C 3/04, D 05B 33/00, D 05B 87/02

112/85	D 05C 7/04
112/86	D 05C 3/04, D 05C 9/06, D 05C 3/02, D 05C 7/00, D 05C 9/16
112/87	C 03C 3/15, D 03D 51/34, D 04B 15/48, D 04B 35/10
112/88	D 05D 2303/12, D 05C 7/08, D 05C 3/04, D 05D 2305/12, B 65C 5/00
112/89	D 05C 7/04, D 05B 37/04, F 28G 1/12
112/90	D 05C 9/12, D 05C 9/14, D 05C 9/06, D 05C 9/00, D 05C 9/04
112/91	D 05C 9/14, D 05C 9/16
112/92	D 05C 9/14
112/93	D 05C 3/04, D 05C 11/16, D 05B 57/00, D 05C 7/08, D 05C 11/04
112/94	D 05C 3/04, D 05C 3/02, D 05C 11/08
112/95	D 05C 11/18, D 05C 3/02, D 05C 3/04, D 05C 9/12, D 05C 11/08
112/96	D 05C 11/08, D 04B 15/44, D 05C 11/10
112/97	D 05C 11/08, B 65H 2701/31, B 65H 59/16, B 65H 59/225
112/98	D 05B 3/02, D 05C 7/00, D 05B 19/00, D 05B 73/12, D 05B 85/006
112/99	D 04D 1/04, D 05D 2303/12, D 05C 7/08, D 05B 3/22, D 05C 7/00
112/100	D 05D 2303/08, D 05B 3/02, D 05C 7/06, D 05B 29/06, D 05B 73/12
112/101	D 05C 7/08, D 05D 2303/08, D 04G 3/02, D 05B 35/085, D 05B 53/00
112/102	D 05B 21/00, D 05B 3/243, D 05C 9/04, D 05B 73/12, D 05C 7/00
112/102.5	D 05B 19/08, D 05B 21/00, D 05B 19/105, D 05B 19/10, D 05B 19/12

112/103	D 05C 9/04, D 10B 2501/042, D 05B 39/00, D 05B 21/00, D 05C 9/06
112/104	D 05B 5/00, D 05B 3/20, D 05D 2303/20, D 05B 35/066, D 05D 2305/12
112/105	D 05B 3/18, D 05B 29/06, D 05B 73/12, D 05B 35/064, D 05D 2305/04
112/106	D 05B 3/18, A 41H 37/02, D 05B 3/22, D 05C 7/08, D 05D 2303/12
112/107	D 05B 3/18, A 44B 17/0029, A 44B 17/0058, D 05B 3/14, D 05B 29/06
112/108	D 05B 3/16, D 05B 3/14, D 05B 73/12, D 05B 85/003, D 05B 3/22
112/109	D 05B 3/16, D 05B 3/14, D 05B 73/12, D 05B 85/006
112/110	D 05B 3/14, D 05B 73/12, D 05B 65/00, D 05B 85/003, D 05D 2305/04
112/111	D 05B 3/14, D 05B 73/12, D 05D 2305/04, D 05B 65/00, D 05D 2207/02
112/112	D 05B 3/14, D 05B 73/12, D 05B 65/00, D 05B 85/003, D 05B 29/06
112/113	D 05B 3/22, D 05B 3/14, D 05D 2303/16, D 05D 2207/02, D 05B 73/12
112/114	D 05B 3/14, D 05B 3/16, D 05B 73/12, D 05B 39/00, D 05B 3/12
112/115	D 05B 3/14, D 05B 35/12, D 05D 2303/14, D 05B 3/16, D 05B 3/24
112/116	D 04B 33/00, D 04B 39/08, D 05B 15/04, D 05B 23/002, D 05B 37/06
112/117	D 05B 11/00, D 05B 19/12, D 05B 29/06, D 05B 33/00, D 05B 39/005
112/118	D 05B 11/00, B 68G 7/08, D 05B 29/06, D 05B 57/00, B 68G 15/005
112/119	D 05B 11/00, D 05B 39/005, D 05B 21/00, D 05D 2303/30, D 05B 35/06
112/120	D 05B 35/02, D 05B 29/06, D 05B 73/12, D 05B

	85/06, D 05B 35/062
112/121	D 05B 3/246, D 05B 29/06, D 04B 17/00, D 05C 1/02, D 05C 9/04
112/470.01	D 05B 19/12, D 05B 33/003, D 05B 55/14, D 05D 2207/04, D 05B 65/00
112/470.02	D 05B 69/20, D 05B 19/003, D 05B 69/24, D 05D 2305/12, D 05D 2305/345
112/470.03	D 05B 35/102, D 05B 69/20, D 05B 19/12, D 05D 2207/02, D 05D 2207/04
112/470.04	D 05B 19/12, D 05B 21/00, D 05B 19/08, G 05B 2219/45195, D 05B 19/10
112/470.05	D 05D 2207/04, D 05B 65/00, D 05D 2305/12, D 05B 25/00, D 05B 41/00
112/470.06	D 05B 21/00, D 05B 39/00, D 05D 2207/02, D 05B 33/00, D 05D 2207/04
112/470.07	D 05B 21/00, D 05B 33/00, D 05B 35/102, D 05B 39/00, D 05D 2207/04
112/470.08	D 05B 23/007, D 05B 23/008, D 05D 2303/20, D 05B 23/009, D 04B 9/56
112/470.09	D 05B 39/00, D 05B 21/00, D 05B 29/06, D 05D 2207/02, D 05B 65/00
112/470.11	D 05B 21/005, D 05B 35/107, D 05B 23/001, D 05B 21/00, D 05B 21/007
112/470.12	D 05B 23/00, D 05B 11/00, D 05B 35/04, D 05B 25/00, D 05D 2207/04
112/470.13	D 05B 23/00, D 05B 11/00, D 05B 21/00, D 05D 2207/04, D 05D 2207/02
112/470.14	D 05B 39/00, D 05B 33/00, D 05B 21/00, D 05D 2207/04, D 05B 23/00
112/470.15	D 05B 23/009, D 05B 23/007, D 05D 2207/04, D 05B 23/008, D 05D 2303/20
112/470.16	D 05B 35/04, D 05B 33/00, D 05B 39/00, D 05D 2207/02, A 41H 33/00
112/470.17	D 05B 35/107, D 05B 21/007, D 05D 2303/30, D 05B 29/06, D 05B 35/02

112/470.18	D 05B 21/00, D 05D 2207/02, D 05D 2207/04, D 05B 39/00, D 05D 2305/04
112/470.19	A 41G 9/00
112/470.21	D 05B 13/00, B 31B 1/90, D 05B 3/14, D 05B 23/00, D 05B 29/06
112/470.22	D 05B 13/00, B 31B 19/90, B 31B 2219/9025, D 05B 5/00, D 05B 35/12
112/470.23	H 02K 15/0043, D 05D 2207/02, D 05B 57/02, D 05B 65/00, D 04D 5/00
112/470.24	B 68G 7/08, D 04G 3/02, D 05B 35/062, D 05D 2303/08, D 05D 2303/30
112/470.25	D 05B 23/003, D 05D 2303/30
112/470.26	D 10B 2501/045, D 05B 39/00, A 41D 25/001, D 05B 73/12, D 05D 2209/04
112/470.27	D 05B 11/00, D 05D 2303/30, B 68G 7/04, B 68G 7/00, B 68G 7/08
112/470.28	D 05B 35/105, D 05D 2207/04, D 05D 2207/02, D 05D 2207/06, D 05B 23/00
112/470.29	D 05B 33/00, D 05B 35/102, D 05B 41/00, D 05D 2205/32, D 05D 2305/345
112/470.31	D 05D 2303/04, D 05B 33/00, D 05B 35/06, D 05D 2207/02, D 05D 2305/12
112/470.32	D 05B 35/06, D 05D 2303/04, D 05B 29/06, D 05B 35/062, D 05D 2207/02
112/470.33	D 05B 35/06, D 05D 2303/04, D 05B 23/00, D 05B 33/00, D 05D 2305/12
112/470.34	D 05B 35/068, D 05D 2303/20, D 05B 35/062, D 05D 2207/02, D 05D 2305/12
112/470.35	D 05B 31/00, D 10B 2507/08, D 05B 23/00, D 05B 81/00, A 61B 2017/0609
112/470.36	D 05B 41/00, D 05D 2207/04, D 05B 33/02, D 05B 65/00, D 05D 2207/02
112/122	D 05B 37/04, D 05B 29/06, D 05B 35/02, D 05B 73/12, D 05B 37/066

112/122.1	D 05B 37/04, D 05B 29/06, D 05B 73/12, D 05B 35/02, D 05B 37/06
112/122.2	D 05B 37/066, D 05B 37/04
112/122.3	D 05B 37/08, D 05B 29/06, D 05B 35/02, D 05B 37/04, D 05B 37/085
112/122.4	D 05B 37/085, D 05B 37/08, D 05B 73/12, D 05B 1/20, D 05B 3/02
112/125	D 05B 37/04, D 05B 35/02, D 05B 29/06, D 05B 37/06, D 05B 3/04
112/126	D 05B 37/04, D 05B 37/06, D 05B 3/02, D 05B 35/02, D 05B 35/10
112/127	D 05B 37/04, D 05B 29/06, D 05B 37/063, D 05B 37/06, D 05B 73/12
112/128	D 05B 37/04, D 05B 37/063, D 05B 29/06, D 05B 35/06, D 05B 37/06
112/129	D 05B 37/04, D 05B 37/063, D 05B 37/02, D 05B 37/06, D 05B 73/12
112/130	D 05D 2305/12, D 05B 37/04, D 05D 2303/02, D 05D 2207/02, D 05B 35/062
112/131	D 05B 81/00, D 05B 35/12, B 29C 65/56, B 29C 66/845, D 05B 3/04
112/132	D 05B 35/08, D 05B 35/085, D 05B 29/06, D 05D 2303/02, D 05D 2305/04
112/133	D 05B 1/02
112/134	D 05B 35/08, D 05B 29/06, D 05B 35/085, D 05D 2303/02, D 05D 2305/04
112/135	D 05B 29/06, D 05B 35/085, D 05B 35/08, D 05D 2303/02, D 05D 2305/04
112/136	D 05B 35/062, D 05B 29/06, D 05B 73/12, D 05B 35/06, D 05D 2305/04
112/137	D 05B 35/062, D 05B 29/06, D 05B 23/005, D 05B 73/12, D 05D 2303/02
112/138	D 05B 35/062, D 05B 29/06, D 05B 73/12, D 05D 2305/04, D 05B 23/005

112/139	D 05D 2303/08, D 05B 29/06, D 05B 35/06, D 05B 35/062, D 05C 7/08
112/140	D 05B 1/24, D 05B 29/06, D 05D 2303/02, D 05B 35/062, D 05B 35/02
112/141	D 05B 35/02, D 05B 29/06, D 05B 35/062, D 05D 2207/04, D 05B 33/00
112/142	D 05B 35/02, D 05D 2305/04, D 05B 29/06, D 05B 35/102, D 05B 35/062
112/143	D 05B 35/02, D 05B 29/06, D 05B 35/062, D 05D 2207/02, D 05B 33/00
112/144	D 05B 35/08, D 05B 35/02, D 05D 2305/04, D 10B 2503/02, D 05B 3/18
112/145	D 05B 35/062, D 05B 29/06, D 05B 35/02, D 05B 35/08, D 05D 2305/04
112/146	D 05B 35/08, D 10B 2503/02, D 05B 35/02, D 05B 35/062, D 05B 39/00
112/147	D 05B 35/062, D 05B 35/02, D 05B 29/06, D 05D 2305/04, D 05D 2303/02
112/148	D 05B 39/00, D 05B 73/12, D 05D 2209/04, D 05B 3/10, D 05B 21/00
112/149	D 05B 27/18, D 05B 81/00, D 05D 2207/04
112/150	D 05B 29/06, D 05B 3/18, D 05B 35/02, D 05B 35/064, D 05B 65/00
112/151	D 05B 29/06, D 05B 35/10, D 05B 29/00, D 05B 35/02, D 05D 2303/08
112/152	D 05B 35/06, D 05B 35/062, D 05B 29/06, D 05B 73/12, D 05D 2305/12
112/153	D 05B 35/10, D 05D 2207/02, D 05B 35/02, D 05B 35/102, D 05B 29/06
112/154	D 05B 81/00, D 05B 93/00, D 05B 1/06, D 05B 19/14, D 05B 23/00
112/155	D 05B 25/00, D 05B 65/00, D 05B 73/00, D 05D 2207/02, D 05D 2305/04
112/156	A 41H 37/10, B 62D 5/24, D 05B 1/10, D 05B 5/00, D 05B 73/12

112/157	D 05B 73/12, D 05B 3/08, D 05D 2303/08, D 05B 3/06, D 05B 3/04
112/443	D 05B 3/02, D 05B 19/003, D 05B 73/12, D 05D 2207/06, D 05B 19/00
112/159	D 05B 3/02, D 05B 57/02, D 05B 19/00, D 05B 57/00, D 05B 73/12
112/444	D 05B 19/00, D 05B 19/003, D 05B 3/02, D 05B 19/006, D 05B 19/105
112/445	D 05B 19/105, D 05B 19/003, G 05B 19/108, G 05B 19/106, D 05B 19/10
112/446	D 05B 3/06, D 05B 3/14, D 05B 3/24, D 05B 19/10, D 05B 73/12
112/447	D 05B 3/06, D 05B 3/24, D 05B 19/003, D 10B 2501/062, D 05B 19/12
112/448	D 05B 19/00, D 05B 3/24, D 05B 3/06, D 10B 2501/062, D 05B 3/02
112/449	D 05B 19/00, D 05B 3/06, D 10B 2501/062, D 05B 29/06, B 63H 9/06
112/450	D 05B 81/00, D 05B 19/003, D 05B 3/02, D 05B 19/00, D 05B 27/02
112/451	D 05B 19/003, D 05B 81/00, G 05B 19/04, G 05B 19/408, G 05B 2219/36233
112/452	D 05B 3/02, D 05B 19/003, D 05B 19/00, D 05B 73/12, D 05B 55/12
112/453	D 05B 19/003, D 05B 73/12, D 05D 2207/06, G 05B 19/408, D 05B 3/02
112/454	D 05B 19/003, G 05B 19/106, D 05B 19/105, G 05B 19/102, D 05B 19/10
112/455	D 05B 19/003, D 05B 19/12, D 05B 19/14, D 05B 3/02, D 05B 19/00
112/456	D 05B 19/003, G 05B 2219/45195, D 05B 19/08, D 05B 19/12, D 05B 19/16
112/457	D 05B 19/003, D 05B 19/06, G 05B 19/106, G 05B 19/12, G 05B 2219/23344
112/458	D 05B 19/003, G 05B 19/106, D 05B 19/10, D



	05B 19/105, G 05B 2219/45195
112/459	D 05B 19/00, D 05B 3/02, D 05B 19/003, D 05B 73/12, D 05B 29/06
112/460	D 05B 19/00, D 05B 3/02, D 05B 27/22, D 05B 57/00, D 05B 57/146
112/461	D 05B 3/02, D 05B 19/003, D 05B 29/06, D 05B 19/00, D 05B 27/22
112/462	D 05B 19/00, D 05B 3/02, D 05B 19/003, D 05B 27/22, D 05B 29/06
112/463	D 05B 19/00, D 05B 19/003, D 05B 3/02, D 05B 57/265
112/464	D 05B 19/00, D 05B 3/02, D 05B 19/003, D 05B 29/02, D 05B 29/06
112/465	D 05B 19/00, D 05B 19/003, D 05B 3/02, D 05B 21/00, G 05B 19/108
112/466	D 05B 19/00, B 62M 7/00, B 62M 2701/0015, D 05B 3/02, D 05B 3/06
112/467	D 05B 3/02, D 05B 57/14, D 05B 19/00, D 05B 21/002, D 05B 29/06
112/160	D 05B 21/002, D 10B 2501/062, D 05B 29/06, D 05B 1/24, D 05B 73/12
112/161	D 05B 73/12, D 05D 2303/08, D 05B 3/08, D 05B 3/06, D 05B 3/10
112/162	D 05B 1/20, D 05B 73/12, D 05B 29/06, D 05B 57/02, D 05B 85/06
112/163	D 05B 51/00, D 05B 55/16, D 05B 1/20, D 05B 3/02, D 05B 29/06
112/164	D 05B 11/00, D 05B 73/12, D 05B 3/02, D 05D 2203/00, D 05B 57/00
112/165	D 05B 57/02, D 05B 73/12, D 05B 1/10, D 05B 3/02, D 05B 29/06
112/166	D 05B 73/12, D 05B 57/02, D 05B 29/06, D 05B 1/20, D 05B 61/00
112/167	D 05B 3/02, D 05B 73/12, D 05D 2203/00, D 05B 55/12, D 05B 57/143

112/168	D 05B 1/14, D 05B 1/20, D 05B 73/00, D 05B 73/12, D 05B 1/12
112/169	D 05B 81/00, A 61B 17/0491, D 05B 1/06, D 05B 73/00, D 05B 5/00
112/170	D 05B 1/02, D 05B 1/04, D 05B 85/003, D 05B 1/24, D 05B 29/06
112/171	D 05B 85/003, D 05B 1/04, D 05B 1/02, D 10B 2501/045, D 05B 23/00
112/172	D 05B 1/02, D 05B 85/06, D 05B 55/08, D 05B 85/003
112/173	D 05B 13/00, D 05B 1/02, D 05B 1/04, B 31B 19/90, B 31B 2219/9025
112/174	D 05B 1/02, B 68G 7/00, D 05B 27/10, D 05B 69/08, D 05B 85/003
112/175	D 05B 1/02, D 03D 29/00, D 05B 1/04, D 06J 1/04
112/176	D 05B 1/24, D 05B 85/06, D 05B 29/06, D 05D 2303/02, D 05B 27/14
112/177	D 05B 85/06, D 05B 1/24, D 05B 29/06, D 05B 35/02, D 05B 73/12
112/178	D 05B 1/24, D 05B 85/06, D 05B 29/06, D 05B 27/04, D 05B 73/12
112/179	D 05B 29/06, D 05B 35/02, D 05B 73/12, D 05B 3/04, D 05B 57/14
112/180	D 05B 59/04, D 05B 57/26, D 05B 59/00, D 05B 73/005, D 05B 73/00
112/181	D 05B 57/14, D 05B 57/26, D 05B 59/00, D 05B 73/12, D 05B 65/00
112/182	D 05B 57/143, D 05B 57/36, D 05B 57/12, D 05B 57/14, D 05B 57/16
112/183	D 05B 27/02, D 05B 57/143, D 05B 57/30, D 05B 61/00
112/184	D 05B 57/143, D 05B 57/265, D 05B 73/12, D 05B 59/00, D 05B 57/14
112/185	D 05B 57/00, D 05B 57/14, D 05B 57/08, D 05B 57/10, D 05B 57/12

112/186	D 05B 59/04, D 05B 57/26, D 05B 59/00, D 05C 13/06, D 05C 11/18
112/187	D 05B 57/14, D 05B 15/04, D 05B 57/02, D 05B 73/00
112/188	D 05B 57/26, D 05B 57/143, D 05B 57/146, D 05B 57/18, D 05B 57/20
112/189	D 05B 57/14, D 05B 27/02, D 05B 57/22, D 05B 57/30
112/190	D 05B 3/02, D 05B 15/04, D 05B 57/14, D 05B 57/16, D 05B 57/36
112/191	D 05B 57/146, D 05B 57/02, D 05B 57/143, D 05B 69/30
112/192	D 05B 57/14, D 05B 57/12, D 05B 57/26, D 05B 57/146, D 05B 73/005
112/193	D 05B 57/143, B 65D 51/24, D 05B 57/14, D 05B 57/18, D 05B 57/30
112/194	D 05B 57/26, D 05B 67/00, D 05C 11/18, D 05C 11/20
112/195	D 05B 1/06, D 05B 11/00, D 05B 23/003, D 05B 65/00, D 05B 73/00
112/196	D 05B 57/14, D 05B 57/26, D 05B 57/12, D 05C 11/18, D 05B 15/00
112/197	D 05B 73/12, D 05B 57/02, D 05B 1/10, D 05B 1/06, D 05B 65/00
112/198	D 05B 85/006, D 05B 1/06, D 05B 23/00, D 05B 73/12, D 05D 2303/30
112/199	D 05B 57/02, D 05B 1/06, D 05B 57/06, D 05B 1/10, D 05B 57/34
112/200	D 05B 57/02, D 05B 1/10, D 05B 73/12, D 05B 1/06, D 05B 57/30
112/201	D 05B 57/02, D 05B 1/06, D 05B 57/04, D 05B 3/14, D 05B 73/12
112/202	D 05B 57/02, D 05B 1/06, D 05B 73/12, D 05B 1/10, D 05B 55/02
112/303	D 05B 27/02, D 05B 29/06, D 05B 73/12, D 05B

	81/00, D 05B 33/02
112/304	D 05B 27/10, D 05B 33/00, D 05B 29/06, D 05B 27/14, D 05B 33/02
112/305	D 05D 2207/02, D 05B 29/06, D 05B 35/06, D 05D 2305/04, D 05B 27/10
112/306	D 05B 35/102, D 05B 33/00, D 05B 73/12, D 06H 5/006, D 05B 29/06
112/307	D 05B 13/00, D 05B 33/00, D 05B 35/064, D 05B 81/00, D 05D 2305/06
112/308	D 05B 73/12, D 05B 35/102, D 05B 21/00, D 05B 27/02, D 05B 21/002
112/309	D 05B 35/102, D 05D 2207/02, D 05B 21/002, D 05B 27/02, D 05B 23/00
112/310	D 05B 27/04, D 05B 29/06, D 05B 27/02, D 05B 73/12, D 05B 55/14
112/311	D 05B 27/04, D 05B 29/06, D 05B 73/12, D 05B 27/06, D 05B 27/14
112/312	D 05B 27/02, D 05B 35/062, D 05B 73/12, D 05B 29/06, D 05B 35/06
112/313	D 05B 27/02, D 05B 27/08, D 05B 29/06, D 05B 73/12, D 05B 85/06
112/314	D 05B 27/02, D 05B 27/24, D 05B 27/22, D 05B 35/102, D 05B 73/12
112/315	D 05B 27/22, D 05B 73/005, D 05B 27/02, D 05B 27/08, D 05B 19/00
112/316	D 05B 27/22, D 05B 27/02, D 05B 73/005, D 05B 19/00, D 05B 3/02
112/317	D 05B 27/22, D 05B 27/02, D 05B 69/20, D 05B 69/18, D 05B 73/005
112/318	D 05B 27/14, D 05B 27/10, D 05B 29/06, D 05D 2207/02, D 05B 27/12
112/319	D 05B 27/14
112/320	D 05B 27/04, D 05B 29/06, D 05B 1/24, D 05B 85/06, D 05B 27/06

112/321	D 05B 3/02, D 05B 27/02, D 05B 27/22, D 05B 15/005, D 05B 19/00
112/322	D 05B 27/10, D 05B 27/14, D 05B 27/12, D 05B 29/06, D 05B 23/00
112/323	D 05B 27/02, D 05B 27/22, D 05B 73/005, D 05B 57/02, D 05B 29/06
112/324	D 05B 27/02, D 05B 73/12, D 05B 29/06, D 05D 2209/00, D 05D 2209/04
112/217	D 05B 35/02, D 05B 81/00, D 05D 2305/26, D 05B 29/06, D 05D 2305/04
112/217.1	D 05B 75/02, D 05B 75/06, D 05B 75/00, D 05B 77/00, A 47B 29/00
112/217.2	D 05B 75/02, D 05B 75/00, D 05B 25/00, D 05B 69/16, A 41H 43/02
112/217.3	D 05B 69/18, D 05B 75/02, D 05B 69/12, D 05B 29/02, A 47B 29/00
112/217.4	D 05B 69/18, D 05B 69/12, D 05B 69/125, D 05B 69/34, D 05B 75/06
112/270	D 05B 43/00, D 05B 79/00, D 05B 57/02, D 05B 69/12, D 05B 29/00
112/271	D 05B 3/14, D 05B 69/22, D 05B 3/10, D 05B 35/10, D 05B 51/00
112/272	D 05B 69/24, D 05B 29/06, D 05B 35/102, D 05B 51/00, D 05D 2207/02
112/273	D 05B 51/00, D 05B 59/02, B 65H 2701/31, D 05B 69/36, D 05B 7/00
112/274	D 05B 69/22, D 05B 69/28, D 05B 3/14, D 05B 15/00, D 05B 51/00
112/275	D 05B 69/22, D 05B 69/26, D 05B 69/24, D 05B 69/18, D 05B 69/20
112/276	D 05B 69/22, D 05B 69/28, D 05B 65/00, D 05B 69/08, D 05D 2207/02
112/277	D 05B 69/18, D 05B 69/36, D 05B 83/00, D 05B 69/22, D 05B 69/26
112/278	D 05B 59/02, D 05B 51/00, B 65H 2701/31, B 65H

	63/086, D 05B 45/00
112/279	D 05B 59/00, D 05B 73/005, B 65H 2701/31, D 05B 57/28, D 05B 57/143
112/280	D 05B 71/00, D 05B 71/04, D 05B 69/12, D 05B 69/22, D 05B 69/30
112/281	D 05B 71/04, D 05B 3/06, D 05B 57/14, D 05B 67/00, D 05B 29/06
112/282	D 05D 2305/50, D 05B 81/00, D 05B 37/00, D 05D 2207/04, D 05B 65/06
112/283	D 05B 69/34, D 05B 59/00, D 05B 69/30, D 05D 2209/08
112/284	D 05B 27/02, D 05B 29/02, D 05B 55/14, D 05B 69/32
112/220	D 05B 69/12, D 05B 69/18, D 05B 69/30, D 05B 57/30, D 05B 59/00
112/221	D 05B 55/14, D 05B 3/02, D 05B 55/16, D 05B 81/00, D 05D 2203/00
112/222	D 05B 85/00, D 05C 15/20, B 21G 1/04, D 05B 85/02, C 21D 9/26
112/223	D 05B 85/14, B 68G 7/085, D 05B 85/02, D 05C 15/06
112/224	D 05B 85/02, D 05B 85/00, D 05B 87/00, D 05B 85/10, D 05B 87/02
112/225	D 05B 87/02, D 05B 87/00, D 05D 2207/04, D 05B 43/00, D 05B 53/00
112/226	D 05B 55/02, D 05B 55/16, D 05B 85/00, D 05C 15/20, D 05B 55/00
112/227	D 05B 55/06, D 05B 73/12, D 05B 57/02, D 05B 27/02, D 05B 29/00
112/228	D 05B 57/14, D 05B 57/143, D 05B 57/26, D 05B 57/16, D 05B 73/12
112/229	D 05B 57/26, D 05B 63/00, D 05B 57/14, D 05B 57/265, D 05D 2207/06
112/230	D 05B 57/143, D 05B 57/14, D 05B 57/16, D 05B 57/265, D 05B 59/00

112/231	D 05B 57/26, D 05B 57/14, D 05B 57/265, D 05B 57/143, D 05D 2209/10
112/232	D 05B 57/14, D 05B 57/12, D 05B 57/26, D 05B 73/12, D 05D 2209/10
112/233	D 05B 57/26, D 05B 57/14, D 05B 63/00, D 05B 57/143, D 05B 15/04
112/234	D 05C 11/18, D 05B 57/10, D 05B 57/16
112/235	D 05B 29/06, D 05B 29/00, D 05B 29/02, D 05B 29/08, D 05B 27/04
112/236	D 05B 29/02, D 05B 29/06, D 05B 29/00, D 05B 3/246, D 05B 27/04
112/237	D 05B 29/02, D 05B 29/06, D 05B 27/04, D 05B 29/00, D 05B 69/28
112/238	D 05B 47/00, D 05B 29/00, D 05B 29/02, D 05B 29/06, D 05B 3/14
112/239	D 05B 29/02, D 05B 27/04, D 05B 29/00, D 05B 29/06, D 05B 23/00
112/240	D 05B 29/06, D 05B 29/12, D 05B 3/18, D 05B 29/00, D 05B 29/02
112/241	D 05B 51/00, D 05B 49/02, D 05B 47/00, D 05B 57/02, D 05B 49/00
112/242	D 05B 51/00, D 05B 63/00, D 05B 73/12, D 05B 3/06, D 05B 65/00
112/243	D 05B 51/00, D 05B 7/00, D 05B 27/02, D 05B 47/00, D 05B 49/02
112/244	D 05B 51/00, D 05B 1/06, D 05B 29/00, D 05B 47/00, D 05B 57/02
112/245	D 05B 51/00, D 05B 47/00, D 05B 81/00, B 65H 59/105, B 65H 2701/31
112/246	D 05B 47/00, D 05B 49/02, D 05B 1/10, D 05B 57/02
112/247	D 05B 47/00, D 05B 51/00, D 05B 49/02, D 05B 1/10, D 05B 57/00
112/248	D 05B 49/04, D 05B 51/00, D 05B 63/00, D 05B 63/02, D 05B 57/02

112/249	D 05B 51/00, D 05B 3/14, D 05B 57/14, D 05B 63/00, D 05B 71/00
112/250	D 05B 51/00, D 05B 73/00
112/285	D 05B 65/00, D 05B 73/12, D 05B 57/02, D 05B 65/02, D 05B 1/20
112/286	D 05B 65/06, D 05B 65/00, D 05B 73/12, D 05D 2207/02, D 05D 2207/04
112/287	D 05D 2207/04, D 05B 65/00, D 05B 65/06, D 05B 73/12, D 05D 2305/50
112/288	D 05B 65/00, D 05B 73/12, D 05D 2207/04, D 05B 29/06, D 05D 2207/02
112/289	D 05B 65/00, D 05B 73/12, D 05B 57/00, D 05B 3/06, D 05B 57/02
112/290	D 05B 65/006, D 05B 65/00, D 05B 73/12, B 65H 2301/341, D 05B 33/02
112/291	D 05B 65/00, D 05B 73/12, D 05B 3/06, D 05B 57/00, D 05B 3/08
112/292	D 05B 65/00, D 05B 73/12, D 05B 57/00, D 05B 65/003, D 05B 65/02
112/293	D 05B 65/00, D 05B 73/12, D 05B 3/06, D 05B 29/06, D 05B 65/06
112/294	D 05B 65/00, D 05B 3/06, D 05B 73/02, D 05D 2207/02
112/295	D 05B 65/00, D 05B 65/003, D 05B 15/04, D 05B 3/06, B 42B 2/02
112/296	D 05B 65/00, D 05B 73/12, D 05B 3/06, D 05B 3/08, D 05B 57/00
112/297	D 05B 3/06, D 05B 65/00, D 05B 73/12, D 05D 2303/08
112/298	D 05B 65/00, D 05B 73/12, D 05B 3/06, D 05B 57/02, D 05B 65/003
112/299	D 05B 65/003, D 05B 15/00, B 65H 54/71, B 65H 2701/31, D 05B 59/00
112/300	D 05B 65/00, D 05B 65/02, B 26D 5/34, D 05B 69/20, D 05B 69/30



112/301	D 05B 65/00, D 05B 47/04, D 05D 2207/02, D 05B 65/003, D 05B 69/28
112/253	D 05B 65/06, D 05B 73/12, D 05B 65/00, D 05B 29/06, D 05B 47/00
112/302	D 05B 51/00, D 05B 43/00, B 65H 2701/31, D 05B 47/00, D 05B 45/00
112/254	D 05B 47/00, D 05B 51/00, D 05B 47/04, D 05D 2207/05, D 05B 47/02
112/255	D 05B 47/00, D 05B 47/04, D 05B 63/00, D 05B 51/00, D 05B 3/06
112/256	D 05B 71/00, D 05B 71/02, D 05B 57/02, D 05B 29/06, D 05B 67/00
112/257	D 05B 29/00, D 05B 29/06, D 05B 35/02, D 05B 35/10, D 05B 29/02
112/258	D 05B 73/00, D 05B 77/00, D 05B 75/02, D 05B 15/02, D 05B 75/00
112/259	D 05B 73/00, D 05B 73/02, D 05B 43/00, D 05B 49/02, D 05B 69/12
112/260	D 05B 73/12, D 05B 77/00, D 05B 1/24, D 05B 73/00, D 05B 85/06
112/261	D 05B 83/00, D 05B 71/00, D 05B 73/005, D 05B 27/22, D 05B 29/00
112/475.01	D 05B 73/12, D 05B 35/02, D 05B 65/00, A 41D 27/24, D 05B 29/02
112/475.02	D 05B 59/02, D 05B 19/14, D 05B 19/16, A 41F 9/007, A 41H 42/00
112/475.03	D 05B 35/102, D 05D 2207/04, D 05B 33/00, D 05D 2209/02, D 05B 35/10
112/475.04	D 05B 39/00, D 05D 2207/02, D 05D 2305/04, D 05B 23/00, D 05B 73/12
112/475.05	D 05B 21/00, G 05B 2219/45195, D 05B 19/08, D 05B 19/16, D 05B 35/102
112/475.06	D 05D 2305/04, D 05B 35/02, D 05D 2305/12, D 05B 25/00, D 05D 2207/04
112/475.07	D 05B 33/00, D 05B 33/02, D 05D 2303/20, A 41H

	42/00, D 05B 41/00
112/475.08	D 05B 11/00, D 05B 11/005, A 47G 9/0246, B 68G 7/08, D 05B 13/00
112/475.09	A 41D 27/24, D 05B 33/00, A 41D 27/20, B 29C 65/5057, B 29C 66/1122
112/475.11	A 42B 1/06, A 42C 1/00, A 42C 5/02, A 42B 1/004, A 42B 1/14
112/475.12	D 05B 23/008, D 05B 23/009, D 05B 23/007, D 05D 2303/20, D 05B 7/00
112/475.13	D 05B 35/064, A 41H 37/06, A 41D 27/24, A 41H 31/00, D 05B 23/00
112/475.14	D 05B 35/06, D 05D 2305/12, D 05B 3/18, D 05B 33/006, D 05B 35/066
112/475.15	D 05B 3/14, D 05D 2207/04, D 05B 29/06, D 05B 65/00, D 05B 85/003
112/475.16	D 05B 35/064, D 05B 3/18, A 44B 19/406, D 05B 73/12, D 05D 2207/04
112/475.17	D 05B 61/00, D 05B 1/10, D 05B 65/00, D 05B 93/00, A 61F 13/2085
112/475.18	D 05C 17/00, D 05B 39/00, D 05B 93/00, D 05C 9/04, D 05B 11/00
112/475.19	D 05B 19/08, D 05B 19/003, D 05B 19/10, D 05B 21/00, D 05B 19/12
112/475.21	A 41F 1/02, D 04D 3/00, D 05C 7/06, D 05C 17/00
112/475.22	D 05C 17/00, D 05B 11/00, D 05C 15/00, D 06Q 1/005, B 32B 7/08
112/475.23	D 05C 15/00, D 05C 15/18, D 05C 17/026, D 05C 15/32, D 05C 17/02
112/475.24	D 05B 1/24, D 05B 85/06, D 05B 93/00, D 05D 2303/02, D 05D 2305/04
112/475.25	D 05B 3/24, D 10B 2501/062, D 05B 3/10, D 05B 93/00, D 05D 2303/20
112/475.26	D 05B 93/00, D 05B 1/20, D 05B 1/24, D 05B 3/02, D 05B 29/06

112/1	B 29C 67/2295, B 29C 2793/0045, B 29L 2009/00, B 29L 2031/7322, B 29L 2031/7652
112/DIG1	D 05D 2207/04, D 05B 65/00, D 05B 65/06, D 05B 73/12, D 05D 2305/50
112/DIG2	D 05D 2207/04, D 05B 33/00, D 05B 35/102, D 05B 35/02, D 05B 33/02
112/DIG3	D 05D 2207/04, D 05D 2207/02, D 05B 65/00, D 05B 29/02, D 05B 29/06

<b>Most statistically relevant CPC Subclasses</b>
D 03D, B 65H, D 05B, D 05D, A 41D, A 44B, A 41F, D 04D, D 05C, A 47G, B 29C, A 63B, A 47C, D 04H, D 10B, C 09J, A 61F, B 68G, A 46D, B 05C, D 04G, B 42B, E 01B, G 06Q, A 61B, D 04B, A 41G, H 02K, G 05B, A 42C