

Statistical mapping of USPC to CPC for Class 72

USPC Subclass	Most statistically relevant CPC groups
72/1	B 21B 33/00, B 21D 55/00, F 16P 3/14, B 21D 5/02, B 21D 43/055
72/2	B 21D 5/02, B 21D 7/022, B 21D 11/12, B 21D 55/00, B 21J 15/18
72/3	B 21C 31/00, B 21C 1/12, B 21J 13/00, B 21B 1/42, B 21B 31/04
72/4	B 21B 33/00, B 21D 43/025, B 21D 55/00, B 21J 13/08, B 21K 27/04
72/5	B 21C 1/12, B 21B 33/00, B 21B 39/165, B 21C 1/02, B 21C 1/14
72/6.1	B 21C 1/28, B 21C 19/00, B 21F 3/00, B 21F 3/04, B 21C 1/10
72/6.2	B 21B 13/14, B 21B 31/074, B 21B 31/24, B 21B 31/32, B 21B 37/00
72/7.1	B 21B 37/00, B 21B 1/36, B 21B 37/28, B 21B 37/40, B 21B 2265/22
72/7.2	B 21B 37/00, B 21B 1/08, B 21B 1/26, B 21B 15/0085, B 21B 31/18
72/7.3	B 21D 22/16, A 43D 111/00, B 21B 13/02, B 21B 13/04, B 21B 37/60
72/7.4	B 21D 1/02, B 21D 3/05, B 21B 37/26, B 21B 37/28, B 21B 37/30
72/7.5	B 21B 37/22, B 21B 37/72, B 21B 2273/12, B 21D 3/04
72/7.6	B 21B 37/16, B 21D 5/08, B 21B 1/088, B 21B 1/095, B 21B 13/023
72/8.1	B 21B 37/16, B 21B 31/074, B 21B 2001/383, B 21B 2037/002, B 21B 2265/12
72/8.2	B 21B 1/227, B 21B 3/02, B 21B 13/023, B 21B 37/16, B 21B 37/52
72/8.3	B 21D 13/04, B 21D 11/08, B 21D 11/20, E 04B 1/161, E 04B 1/163

72/8.4	B 21B 37/16, B 21B 37/165, B 21B 37/46, B 21B 37/56, B 21B 2001/228
72/8.5	B 21B 37/74, B 21B 37/16, B 21B 37/44, B 21B 45/004, B 21B 45/0218
72/8.6	B 21B 37/52, B 21B 37/50, B 21B 37/16, B 21D 1/05, B 21B 37/28
72/8.7	B 21B 37/38, B 21B 37/28, B 21B 38/02, B 21B 1/26, B 21B 37/48
72/8.8	B 21B 37/46, B 21B 37/64, B 21B 37/68, B 21B 37/70, B 21B 2273/16
72/8.9	B 21B 1/18, B 21B 37/165, B 21B 37/16, B 21B 37/50, B 21B 1/08
72/9.1	B 21B 37/28, B 21B 38/02, B 21B 37/38, B 21B 37/32, B 21B 13/023
72/9.2	B 21B 37/16, B 21B 37/66, B 21B 37/18, B 21B 37/165, B 21B 37/64
72/9.3	B 21B 1/04, B 21B 37/68, B 21B 2269/04, B 21B 1/02, B 21B 1/222
72/9.4	B 21B 37/16, B 21B 37/18, B 21B 37/165, B 21B 37/60, B 21B 1/32
72/9.5	B 21B 37/165, B 21B 37/46, B 21H 1/06, B 21B 1/02, B 21B 1/04
72/10.1	B 21B 37/28, B 21D 1/02, B 21B 13/14, B 21B 31/20, B 21B 37/58
72/10.2	B 21B 37/52, B 21B 37/46, B 21B 2275/04, B 21B 2275/12, B 21B 1/04
72/10.3	B 21B 37/46, B 21B 37/16, B 21B 37/66, B 21B 37/52, B 21B 37/165
72/10.4	B 21B 37/16, B 21B 37/66, B 21B 37/64, B 21B 37/58, B 21B 37/38
72/10.5	B 21B 37/36, B 21B 2013/026, B 21B 1/32, B 21B 13/14, B 21B 13/145
72/10.6	B 21B 37/64, B 21B 37/38, B 21B 37/62, B 21B 31/32, B 21B 2269/08
72/10.7	B 21B 38/10, B 21B 38/105, B 21B 37/16, B 21B

	37/60, B 21B 37/62
72/10.8	B 21B 37/64, F 16P 3/00, F 16P 3/20, F 16P 3/22
72/10.9	B 21D 5/004, B 21D 5/006, B 21D 5/02, G 05B 19/409, G 05B 19/40937
72/11.1	B 21C 47/34, B 21D 1/02, B 21F 37/00, B 21H 1/06, B 21H 1/12
72/11.2	B 21B 37/68, B 21D 5/08, B 21B 37/56, B 21C 51/00, B 21B 13/04
72/11.3	B 21B 1/26, B 21B 45/004, B 21B 19/04, B 21B 37/74, B 21B 2015/0057
72/11.4	B 21B 37/50, B 21B 37/52, B 21B 38/02, B 21B 37/165, B 21B 1/18
72/11.5	B 21B 37/46, B 21B 37/50, B 21B 37/52, B 21B 1/28, B 21B 39/04
72/11.6	B 21B 1/18, B 21B 37/165, B 21B 37/52, B 21B 38/04, B 21B 39/006
72/11.7	B 21B 38/02, B 21B 37/28, B 21B 37/32, B 21B 37/38, B 21B 13/023
72/11.8	B 21B 37/165, B 21B 37/16, B 21B 37/38, B 21B 37/62, B 21B 38/04
72/11.9	B 21B 37/40, B 21B 2027/022, B 21B 1/08, B 21B 1/224, B 21B 1/24
72/12.1	B 21B 27/05, B 21B 37/18, B 21B 37/28, B 21B 37/48, B 21B 38/02
72/12.2	B 21B 37/74, B 21B 19/06, B 21B 27/10, B 21B 45/004, B 21B 37/60
72/12.3	B 21B 37/50, B 21B 37/48, B 21B 38/02, B 21B 1/26, B 21B 37/52
72/12.4	B 21B 37/50, G 01L 5/04, G 01L 5/08, G 05D 15/01, B 21B 1/36
72/12.5	B 21B 39/04, B 21B 1/26, B 21B 27/10, B 21B 45/0251, B 21D 7/08
72/12.6	B 21B 1/30, B 21B 41/10, B 21C 37/207, B 21C 47/34, B 21F 3/02

72/12.7	B 21B 37/165, B 21B 37/52, B 21B 1/18, B 21B 37/16, B 21B 37/22
72/12.8	B 21D 5/14, B 21H 1/22, B 21B 39/06, B 21D 1/02, B 21D 5/08
72/13.1	B 21B 37/16, B 21B 37/46, B 21B 37/52, B 21B 1/06, B 21B 31/20
72/13.2	B 21B 37/46, B 21B 37/54, B 21B 1/40, B 21B 13/005, B 21B 31/16
72/13.3	B 21B 37/62, B 21B 37/64, B 21B 31/32, B 21B 33/00, B 21B 37/58
72/13.4	B 21B 38/10, B 21B 31/32, B 21B 37/62, B 21B 13/145, B 21B 31/16
72/13.5	B 21B 25/02, B 21B 37/60, B 21D 7/024, B 21D 7/12, B 21D 11/12
72/13.6	B 21B 21/045, B 21C 37/10, B 21C 37/12, B 21C 37/124, B 21C 37/157
72/13.7	B 21B 37/00, B 21B 1/026, B 21B 13/06, B 21B 13/10, B 21B 31/04
72/13.8	B 21B 21/005, B 21B 21/06, B 21B 25/06, B 21C 47/262, B 21D 3/05
72/14.1	B 21B 38/10, B 21B 13/147, B 21B 37/62, B 21B 2013/025, B 21B 2031/206
72/14.2	B 21B 37/60, B 21B 25/02, B 21B 31/24, B 21B 38/00, B 21D 5/14
72/14.3	B 21B 37/46, B 21B 38/10, B 21D 1/02, B 21D 7/14, B 21D 15/06
72/14.4	B 21B 37/64, B 21B 38/08, B 21B 2275/12, B 21B 13/005, B 21B 37/46
72/14.5	B 21B 31/32, B 21B 37/64, B 21B 13/145, B 21B 27/055, F 16C 13/028
72/14.6	B 21D 5/14, B 21D 7/08, B 21D 22/16, B 21H 3/04, B 21B 3/00
72/14.7	B 21B 37/68, B 21B 39/14, B 21D 5/14, B 21D 7/028, B 21D 7/08
72/14.8	B 21D 7/12, B 21D 5/02, G 05B 2219/45143, B

	21D 5/0209, B 21D 7/14
72/14.9	B 21D 24/10, B 21D 5/04, B 21D 7/12, B 21D 7/14, B 21D 11/10
72/15.1	G 05B 2219/49304, B 21D 5/02, G 05B 19/128, G 05B 2219/45137, B 21D 24/14
72/15.2	B 21D 7/00, B 30B 15/0041, B 21D 5/04, B 21D 5/042, B 21D 7/024
72/15.3	B 21C 51/005, B 21D 5/00, B 21D 5/02, B 21D 5/0272, B 21D 11/085
72/15.4	B 21D 11/07, B 21D 7/14
72/15.5	B 21C 1/12, B 21J 7/14, B 21J 9/06
72/16.1	B 21D 24/10, B 21D 5/00, B 21D 11/20, B 21D 22/20, B 21F 3/12
72/16.2	B 21D 3/10, B 21D 7/12, B 21D 5/004, G 05B 2219/45143, B 21C 51/00
72/16.3	G 11B 5/4833, B 21D 5/004, B 21D 28/005, B 21D 37/20, F 01D 9/041
72/16.4	B 21D 7/025, B 21B 1/36, B 21B 37/54, B 21B 2001/228, B 21B 2265/12
72/16.5	B 21C 31/00, B 21C 1/003, B 21C 1/12, B 21C 9/00, B 21C 23/005
72/16.6	B 21C 1/12, B 21C 1/30, B 21D 7/12, B 21D 11/12, B 21F 1/00
72/16.7	B 21D 5/004, B 21D 7/12, G 05B 19/188, G 05B 2219/45143, B 21C 47/143
72/16.8	B 21C 1/12, B 21C 25/08, B 21C 31/00, B 21C 51/00, B 30B 15/0094
72/16.9	B 21D 5/004, B 21D 7/025, B 21D 7/162, B 21J 9/20, B 21J 13/10
72/17.1	B 21C 31/00, B 25H 7/04, G 01B 7/003, G 01B 7/023, G 01D 5/2033
72/17.2	B 21D 5/02, B 21J 9/20, B 21C 1/12, B 21D 7/12, B 21C 25/08
72/17.3	B 21D 5/04, B 21D 7/14, B 21D 51/2646, B 21G

	1/006, B 21G 1/12
72/18.1	B 21D 3/10, B 21D 5/0209, B 21D 5/02, B 21D 7/12, B 21D 22/04
72/18.2	B 21D 3/16, B 21D 5/04, B 21D 7/12, B 21D 7/14, B 21D 37/205
72/18.3	B 21C 31/00, B 21C 29/04, B 21D 7/025, B 21D 7/162, B 21J 7/40
72/18.4	B 21C 1/12, B 21C 23/007, B 21C 31/00, B 21D 11/02, B 21D 25/02
72/18.5	B 21F 3/02, B 21D 3/12, B 21D 7/12, B 21D 9/073, B 21D 13/02
72/18.6	B 21D 5/0209, B 21D 15/10, B 21F 3/00, B 21H 3/02, B 23Q 1/34
72/18.7	B 21D 11/00, B 21D 11/14, B 21D 43/003, B 23D 63/18
72/18.8	B 30B 15/166, G 01B 7/10, H 02K 1/16, H 02K 15/026, H 02K 2201/06
72/18.9	B 21F 3/00, B 21D 22/04, G 05B 19/40937, B 21C 1/10, B 21C 1/12
72/19.1	B 21C 31/00, B 21C 3/14, B 21C 23/30, B 21C 27/00, B 21C 51/00
72/19.2	B 21C 1/12, B 21C 1/08, B 21B 23/00, B 21C 1/10, B 21C 1/14
72/19.3	B 21D 7/06, B 21D 11/07, B 21F 1/04
72/19.4	B 21D 5/002, B 21C 1/30, B 21C 3/14, B 21C 9/00, B 21C 35/02
72/19.5	B 30B 15/30, B 21B 21/045, B 21D 39/00, B 21D 43/006, B 21D 43/02
72/19.6	B 21D 3/10, B 21C 1/006, B 21C 3/06, B 21C 25/08, B 21C 31/00
72/19.7	B 21B 47/02, B 21B 39/28, B 21C 5/00, B 21C 5/003, B 21C 35/02
72/19.8	B 21C 1/006, B 21C 1/30, B 21D 7/12, B 30B 15/0064, H 01R 43/0486

72/19.9	B 21D 24/14, B 21J 7/46, B 21D 24/02, B 21C 31/00, B 21C 19/00
72/20.1	B 21D 5/02, B 30B 15/14, B 21C 1/12, B 30B 1/266, B 21D 11/02
72/20.2	B 21D 5/02, B 21D 7/12, B 21D 7/06, B 21C 23/211, B 21D 7/024
72/20.3	B 21J 3/00, B 21D 11/06, B 21D 37/18, B 21F 3/04, B 21J 7/34
72/20.4	B 21D 24/14, B 21F 3/04, B 21D 24/12, B 21J 9/06, B 21C 1/18
72/20.5	B 21C 35/02, B 21C 31/00, B 21F 3/04, B 21J 9/20, B 21J 13/08
72/21.1	B 21D 5/02, B 21J 9/20, F 16P 3/14, B 21D 7/025, B 21D 24/08
72/21.2	B 21C 1/30, B 21C 23/21, B 21C 25/08, B 21C 31/00, B 21C 33/02
72/21.3	B 21D 7/12, B 21D 11/12, B 21D 55/00, F 16P 3/14, B 21D 5/02
72/21.4	B 30B 15/0094, H 01R 43/0486, A 61C 7/002, A 61C 7/04, A 61C 7/20
72/21.5	B 21C 31/00, B 21D 11/02, B 21D 25/00, B 21J 9/20, B 30B 15/18
72/21.6	B 21B 21/04, B 21D 51/32, B 21F 3/00, B 21F 3/06, B 21J 9/12
72/28.1	B 21B 21/005, B 21D 5/02, B 21D 22/205, B 21D 24/14, B 21D 26/041
72/28.2	B 21B 2035/005, B 21B 35/025, F 16H 47/04, B 21B 15/0085, B 21B 27/10
72/29.1	B 21B 37/54, B 21B 37/46, B 21B 35/08, B 21B 13/14, B 21C 47/003
72/29.2	B 30B 15/148, B 21B 39/14, B 21C 1/12, B 21D 3/10, B 21D 7/021
72/30.1	B 21D 7/024, B 21D 11/14, B 21D 39/10, B 21D 7/022, B 21D 9/14
72/30.2	B 21C 47/08, B 21D 1/06, B 21D 22/16, B 21F

	1/02, B 21H 1/02
72/31.01	B 21D 5/02, B 25B 7/00, B 21D 22/00, B 21D 25/00, B 21J 13/10
72/31.02	B 21D 1/14, A 63B 59/0074, B 21D 3/14, B 21D 1/06, B 21D 1/08
72/31.03	B 21D 3/10, B 21D 3/16, F 41B 5/14, B 21F 1/02, F 41B 5/1446
72/31.04	B 21D 7/14, B 21D 7/06, B 21D 7/063, B 21F 3/06, B 21F 3/02
72/31.05	B 21D 7/063, B 21D 7/06, B 21D 7/14, B 21D 7/022, B 21D 7/024
72/31.06	B 25B 27/10, B 21B 19/02, B 21D 39/046, B 21D 41/02, A 61M 5/32
72/31.07	B 21B 38/00, B 21B 2273/22, B 21B 1/32, B 21B 13/06, B 21B 27/10
72/31.08	B 21B 38/10, B 21B 13/005, B 21B 27/035, B 21B 31/26, B 21D 3/04
72/31.09	B 21B 19/02, B 21B 31/18, B 21B 39/16, B 21B 2031/072, B 21C 37/126
72/31.1	B 21D 5/02, B 21D 5/04, H 01R 43/042, B 21D 5/0209, G 05B 2219/45143
72/31.11	B 21D 5/02, B 21D 5/0209, B 21D 5/04, B 30B 15/16, F 16P 3/14
72/31.12	B 21D 5/00, B 21D 5/002, B 21D 5/02, B 21D 5/04, H 01R 43/042
72/31.13	B 21C 31/00, B 21C 1/12, B 21C 3/12, B 21C 23/212, B 21D 24/14
72/37	B 21D 1/06, B 21D 5/02, G 01B 11/26, B 21B 39/165, B 21B 2273/22
72/38	B 21B 9/00, B 21C 33/02, B 21B 2003/005, B 21C 29/006, B 21B 45/08
72/39	B 21B 45/08, B 21B 45/06, B 21B 1/28, B 21B 1/26, B 21B 3/02
72/40	B 21C 43/04, B 21B 45/04, B 21C 9/00, B 21B 45/06, B 21C 43/00

72/41	B 21C 23/32, B 21C 9/00, B 21B 45/0251, B 21B 27/10, B 21C 3/14
72/42	C 10N 2240/402, C 10N 2240/404, C 10N 2240/405, C 10N 2240/407, C 10N 2240/408
72/43	B 21C 9/00, B 21C 23/32, B 21D 37/18, B 21C 1/04, B 21C 3/14
72/44	B 21B 27/10, B 21B 45/0251, B 21D 37/18, B 21C 9/00, B 21C 9/005
72/45	B 21B 27/10, B 21C 9/00, B 21D 22/28, B 21C 23/32, B 21D 22/286
72/46	B 21D 22/201, B 21C 23/32, B 21D 51/26, C 10N 2240/402, C 10N 2240/403
72/47	B 21C 23/22, C 23C 2/12, C 23C 2/26, B 21D 22/201, B 05D 7/16
72/48	B 21D 39/02, B 21D 5/08, B 21D 39/025, B 21B 47/02, B 21D 39/021
72/49	B 21C 37/124, B 21C 37/121, B 21C 37/12, B 21C 37/127, B 21C 37/126
72/50	B 21C 37/124, B 21C 37/121, B 21C 37/12, B 21C 37/128, B 21C 37/125
72/51	B 21C 37/0815, B 21C 37/108, B 21D 5/015, B 21D 39/02, B 21D 51/28
72/52	B 21D 5/12, B 21C 37/101, B 21C 37/10, B 21C 37/0822, B 21D 39/02
72/53	B 24C 1/10, C 21D 7/06, B 24B 39/006, B 24C 5/005, B 24C 3/325
72/54	B 21D 53/045, C 21D 7/12, B 21D 22/10, B 21D 1/08, B 21D 22/12
72/55	B 21D 28/28, B 21D 26/035, B 21D 26/047, B 21D 22/10, B 21D 26/045
72/56	B 21D 26/14, B 21D 26/08, B 21D 26/12, H 01F 7/202, B 21D 26/06
72/57	B 21D 22/10, B 21D 26/055, B 21D 22/205, B 21D 26/021, B 21D 26/025
72/58	B 21D 26/047, B 21D 26/045, B 21C 37/294, B

	21D 26/033, B 21D 26/043
72/59	B 21D 15/10, B 21D 15/06, B 21D 15/105, B 21D 26/043, B 21D 26/045
72/60	B 21C 23/007, B 21D 26/055, B 21D 22/10, B 21C 23/008, B 21D 26/02
72/61	B 21D 26/033, B 21D 26/045, B 21D 26/039, B 21D 26/041, B 21D 26/047
72/62	B 21D 26/045, B 21D 39/203, B 21D 26/033, B 21D 26/047, B 21D 26/041
72/63	B 21D 22/12, B 30B 5/02, B 21D 26/025, B 21D 22/125, B 21D 22/10
72/64	B 21D 11/14, B 21F 7/00, B 21K 5/04, B 21C 37/207, B 21H 3/00
72/65	B 21D 11/14, B 21H 3/00, B 21B 39/28, B 21D 7/08, B 21B 2013/006
72/66	B 21F 3/04, H 01K 3/04, B 21C 37/12, B 21C 47/143, B 21C 47/14
72/67	B 21J 9/025, B 21J 15/12, B 21D 53/00, B 21J 15/046, B 23Q 1/5462
72/68	B 21B 23/00, B 21C 37/207, B 21D 22/16, B 21H 5/02, B 21D 53/30
72/69	B 21D 22/16, B 21D 41/04, B 21D 22/18, B 21B 23/00, B 21D 22/14
72/70	B 21D 51/2615, B 21D 19/043, B 21D 22/16, B 23P 15/00, B 21D 51/263
72/71	B 21H 1/04, B 21H 1/14, B 21C 37/298, B 21J 5/066, B 21D 28/28
72/72	B 21H 1/14, A 47L 15/28, B 21C 23/21, B 21C 43/02, B 21D 15/06
72/73	B 23P 15/105, B 21B 1/16, B 21B 19/14, B 21B 2015/0028, B 21C 1/00
72/74	B 23P 15/105, A 44C 27/00, A 61B 17/1666, B 21B 1/42, B 21C 23/004
72/75	B 21D 17/04, B 21C 37/207, B 21D 39/14, B 21C 37/30, B 23P 9/02

72/76	B 21J 7/16, B 21J 7/14, B 21D 39/06, B 21J 7/145, B 21J 13/08
72/77	B 21D 15/04, B 21C 37/207, H 01B 13/0009, B 21C 3/12, B 21D 15/06
72/78	B 21B 13/008, B 21C 37/207, B 21D 15/06, B 21F 1/02, B 21B 1/20
72/79	B 21F 1/02, B 21F 1/023, B 21D 3/06, B 21D 3/08, B 21D 3/04
72/80	B 21B 27/005, B 21B 2267/10, B 21D 22/14, B 21D 22/18, B 21B 5/00
72/81	B 21D 22/18, B 21D 22/185, B 21D 15/06, B 21D 22/16, B 21D 22/14
72/82	B 21D 22/16, B 21D 53/261, B 21H 1/04, B 21D 19/046, B 21D 41/045
72/83	B 21D 22/16, B 21D 53/261, B 21D 53/28, B 21H 1/02, B 21H 5/025
72/84	B 21D 22/14, B 21D 51/2615, B 21H 1/02, B 21D 53/261, B 21D 22/16
72/85	B 21D 22/16, B 21H 1/02, B 21H 7/187, B 21D 22/14, B 21H 5/025
72/86	B 21H 1/02, B 21D 19/046, B 21D 22/16, B 21H 1/04, B 21H 1/06
72/87	B 21H 1/06, B 21H 1/04, B 21H 1/12, B 21C 37/26, B 21H 1/02
72/88	B 21H 5/027, B 21H 3/06, B 21D 53/28, B 21H 3/027, B 21H 3/025
72/89	B 21H 1/14, B 21H 3/06, B 21B 19/04, B 21C 1/00, B 21D 51/08
72/90	B 21H 3/06, B 21H 9/02, B 21H 1/18, B 21H 3/022, B 21H 3/025
72/91	B 21H 1/12, B 21D 51/2615, B 21D 51/2638, B 21H 5/02, B 21D 51/50
72/92	B 21H 1/14, B 21H 3/065, B 21D 1/08, B 21D 3/00, B 21D 3/16
72/93	B 21H 3/065, B 21H 1/14, B 21D 19/12, B 21H

	7/002, B 21H 9/02
72/94	B 21D 51/2615, B 21D 51/2692, B 21D 17/04, B 21D 51/26, B 21D 51/263
72/95	B 21B 19/02, B 21D 3/04, B 21B 39/14, B 21H 3/04, B 21B 19/06
72/96	B 21B 19/06, B 21C 37/207, B 21B 19/02, B 21B 19/10, B 21B 19/12
72/97	B 21B 19/04, B 21B 19/08, B 21B 25/00, B 21B 25/06, B 21B 19/06
72/98	B 21D 3/04, B 21C 37/207, B 21H 3/04, B 21D 3/00, B 21D 3/08
72/99	B 21D 3/04, B 21C 37/30, B 21B 1/16, B 21B 19/02, B 21B 19/10
72/100	B 21B 19/02, B 21B 19/06, B 21C 37/207, B 21B 19/04, B 21H 3/04
72/101	B 21D 17/04, B 21D 19/043, B 21D 53/30, B 21D 1/08, B 21D 19/046
72/102	B 21H 5/02, B 21H 5/022, B 23P 9/02, B 21D 15/06, B 21H 5/045
72/103	B 21D 51/50, B 21H 3/00, B 21H 3/04, B 21B 1/163, B 21D 15/04
72/104	B 21H 3/048, B 21H 3/04, B 23B 27/24, B 21D 51/38, B 21H 3/042
72/105	B 21D 17/04, B 21D 53/30, B 21D 15/06, B 21H 1/12, B 21D 51/26
72/106	B 21D 17/04, B 21D 15/06, B 21D 13/045, B 21D 53/30, B 21H 1/06
72/107	B 21H 1/18, B 21H 7/14, B 21C 37/207, B 21D 51/2615, B 21H 5/022
72/108	B 21H 1/18, B 23B 27/24, B 21H 5/022, B 21H 5/02, B 21H 3/04
72/109	B 21H 1/02, B 21D 19/043, B 21K 1/32, B 21H 1/06, B 21J 5/00
72/110	B 24B 39/045, B 24B 5/42, B 24B 39/04, B 21H 7/185, B 21H 7/182

72/111	B 21B 5/00, B 21H 1/06, B 21D 1/08, B 21D 53/30, F 16G 5/16
72/112	B 21C 37/298, B 21D 41/02, B 21D 41/04, B 21J 15/12, B 21C 37/292
72/113	B 21D 5/12, B 21C 37/0811, B 21C 37/202, B 21D 17/04, B 21C 37/207
72/114	B 25B 27/0007, B 25B 27/0014, B 21J 15/043, B 21J 15/105, B 21J 15/386
72/115	B 21D 22/16, B 21J 9/025, B 21D 41/04, B 21D 15/04, B 21D 15/06
72/116	B 21D 41/021, B 21D 19/08, B 21C 37/298, B 21D 7/022, B 21D 17/04
72/117	B 21D 41/021, B 21D 51/26, B 21D 19/046, B 21D 41/02, B 21D 41/023
72/118	B 21D 39/10, B 21H 3/08, B 21D 15/06, B 23G 7/02, E 21B 29/10
72/119	B 21D 39/12, B 21D 39/06, B 21D 1/08, B 21D 19/046, B 21D 39/04
72/120	B 21C 37/298, B 21D 19/046, B 21D 22/14, B 21D 41/021, B 21D 41/04
72/121	B 21D 41/04, B 21D 22/14, B 21D 17/04, B 21D 51/2615, B 21D 22/16
72/122	B 21D 39/10, B 21D 39/06, B 24B 39/023, B 23B 27/24, B 21C 37/06
72/123	B 21D 39/10, B 21D 39/06, B 21D 17/04, B 21D 19/046, B 21D 41/02
72/124	B 21D 17/04, B 21D 5/08, B 21D 19/043, B 21C 37/298, B 21D 7/08
72/125	B 21D 41/021, B 21D 41/023, B 21D 19/046, B 21D 39/06, B 67B 3/00
72/126	B 21D 39/10, B 21J 15/12, B 21D 1/08, B 21D 39/06, B 21D 51/2615
72/127	B 21D 3/05, B 21C 37/0815, B 21C 47/34, B 21D 3/10, B 21D 5/01
72/128	B 21D 7/025, B 21D 7/162, B 21D 1/02, B 21D

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72/129	B 21D 5/08, B 21D 53/00, B 21F 3/02, B 21F 37/02, B 21F 11/005
72/130	B 21F 3/04, B 21F 35/02, B 21F 3/02, B 21F 3/06, B 21F 35/00
72/131	B 21F 3/04, B 21D 5/08, B 21F 3/02, B 21F 3/00, B 21F 3/06
72/132	B 21F 3/06, B 21F 3/02, B 21F 3/04, B 21F 11/005, B 21F 11/00
72/133	B 21D 9/12, B 21F 1/00, B 21D 7/08, B 21G 1/00, B 21D 9/125
72/134	B 21F 3/04, B 21F 33/04, B 21C 47/08, B 21C 47/24, B 21C 47/34
72/135	B 21F 3/02, B 21C 37/12, B 21F 3/06, B 21F 3/00, B 21D 11/06
72/136	B 21C 37/26, B 21H 3/00, B 21D 11/06, H 02K 15/026, B 21C 37/12
72/137	B 21F 3/02, B 21F 35/02, B 21F 35/00, B 21F 3/04, B 21D 11/06
72/138	B 21F 3/02, B 21F 3/04, B 21F 35/00, B 21F 3/06, B 21D 11/06
72/139	B 21F 3/04, B 21D 11/06, B 21F 35/00, B 21F 3/02, B 21F 3/06
72/140	B 21F 3/02, B 21F 3/04, B 21F 3/06, B 21F 1/00, B 21F 1/006
72/141	B 21F 3/04, B 21F 3/06, B 21D 11/06, A 44B 19/42, B 21C 37/12
72/142	B 21F 3/04, B 21D 11/06, B 21F 35/00, H 02K 15/026, B 21C 37/26
72/143	B 21F 3/04, B 21D 11/06, B 21C 37/12, B 21D 53/06, B 21F 3/02
72/144	B 21F 3/04, B 21D 11/06, B 21F 3/02, B 21F 23/00, B 21C 37/124
72/145	B 21F 3/04, B 21F 3/06, B 21F 3/02, B 21C 37/12, B 21D 11/06

72/146	B 21C 47/08, B 21D 11/06, B 21C 47/24, B 21C 47/26, B 21F 3/00
72/147	B 21D 11/06, B 21C 47/26, B 21F 3/00, B 21C 47/30, B 21C 47/02
72/148	B 21C 47/063, B 21C 47/066, B 21C 47/326, B 21C 47/04, B 21C 47/34
72/149	B 21D 7/024, B 21D 7/02, B 21D 7/021, B 21D 7/063, B 21D 11/12
72/150	B 21D 9/073, B 21D 9/07, B 21D 7/024, B 21D 9/01, B 21C 37/28
72/151	B 21D 11/02, B 21D 7/024, B 21D 7/025, B 21D 7/04, B 21D 9/073
72/152	B 21D 7/024, B 21D 11/07, B 21D 11/10, B 21D 7/03, B 21D 7/066
72/153	B 21D 7/04, B 21D 7/024, B 21D 7/028, B 21D 9/01, B 21D 9/073
72/154	B 21D 7/024, B 21D 7/16, B 21D 7/022, B 21D 7/063, B 21D 5/06
72/155	B 21D 7/04, B 21D 5/143, B 21D 7/024, B 21D 11/02, B 21C 37/0815
72/156	B 21D 7/024, B 21D 7/063, B 21D 9/073, B 21D 11/12, B 21D 19/12
72/157	B 21D 7/024, B 21D 7/021, B 21D 7/02, B 21D 7/022, B 21D 7/063
72/158	B 21D 7/024, B 21D 7/022, B 21D 7/063, B 21D 9/073, B 21D 11/07
72/159	B 21D 7/024, B 21D 7/021, B 21D 7/063, B 21D 7/02, B 21D 1/00
72/160	B 21D 1/02, B 21D 1/05, B 21D 3/05, B 21F 1/02, B 21D 1/00
72/161	B 21D 1/05, B 21D 1/02, B 21B 2015/0071, B 21C 47/34, B 21F 1/02
72/162	B 21F 1/02, B 21D 3/05, B 21D 1/02, B 21D 1/05, B 21D 19/005
72/163	B 21D 1/02, B 21D 1/05, B 21B 1/222, B 21D

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72/164	B 21D 3/05, B 21D 1/02, B 21F 1/02, B 21D 1/05, B 21C 47/34
72/165	B 21D 1/02, B 21F 1/02, B 21D 1/05, B 21D 3/05, B 21D 7/02
72/166	B 21D 5/14, B 21D 7/08, B 21D 5/146, B 21C 47/34, B 21D 11/02
72/167	B 21D 7/08, B 21B 13/00, B 21D 5/14, B 21B 1/08, B 21B 1/22
72/168	B 21D 5/08, B 21D 5/14, B 21D 7/08, B 21D 13/045, B 21D 53/16
72/169	B 21D 5/14, B 21D 5/143, B 21D 5/146, B 21D 7/08, B 21C 37/0815
72/170	B 21D 7/08, B 21D 5/14, B 21D 5/08, B 21F 3/06, B 21F 35/00
72/171	B 21D 7/08, B 21D 5/14, B 21D 5/143, B 21D 7/06, B 21C 37/185
72/172	B 21D 5/14, B 21C 37/185, B 21D 5/143, B 21D 51/2676, B 21F 35/00
72/173	B 21D 7/08, B 21D 5/14, B 21D 7/025, B 21D 7/12, B 21D 11/06
72/174	B 21D 7/08, B 21D 5/14, B 21C 47/08
72/175	B 21D 7/08, B 21D 5/14, B 21D 7/06, B 21D 53/886, B 21D 5/143
72/176	B 21D 5/08, B 21D 5/06, B 21D 5/10, B 21C 37/08, B 21B 13/16
72/177	B 21D 5/08, B 21D 13/04, B 21B 1/095, B 21D 13/02, B 21D 13/045
72/178	B 21D 5/08, B 21D 5/12, B 21D 15/02, B 21D 13/045, B 21C 37/08
72/179	B 21D 17/04, B 21D 5/08, B 21D 13/04, B 21D 11/08, B 21D 19/043
72/180	B 21D 13/045, B 21D 5/08, B 21C 37/126, B 21D 5/12, B 21D 13/04

72/181	B 21D 5/08, B 21D 5/12, B 21D 13/045, B 21D 5/086, B 21B 35/14
72/182	B 21D 5/12, B 21C 37/0822, B 21D 5/08, B 21D 13/045, B 21D 19/043
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72/184	B 21J 7/18, B 21B 15/0035, B 21J 1/04, B 21J 5/008, B 21J 13/02
72/185	B 21D 13/04, B 21H 8/00, B 21D 53/04, B 21F 45/00, B 21B 1/163
72/186	B 21D 13/04, B 21D 28/36, B 21D 31/046, B 21D 53/025, F 28F 1/128
72/187	B 21D 13/04, B 21B 1/163, B 21D 53/04, E 04C 5/03, B 21H 8/00
72/188	B 21H 1/22, B 21G 3/18, B 21B 1/16, B 21B 1/42, B 21B 39/165
72/189	B 21J 7/18, B 21B 1/42, B 21B 21/005, B 21B 13/18, B 21B 21/00
72/190	B 21B 13/20, B 21B 13/18, B 21D 28/36, B 21F 1/04, B 21C 3/08
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72/192	B 21D 1/02, B 21D 28/36, B 21H 5/00, B 21K 1/767, B 21B 23/00
72/193	B 21B 21/00, B 21B 21/04, B 21C 37/0811, B 21B 21/005, B 21C 37/202
72/194	B 21B 1/163, B 21B 13/103, B 21B 2015/0028, B 21C 37/18, B 21D 15/06
72/195	B 21H 1/22, B 21B 1/163, B 21B 35/14, B 21D 13/04, B 21F 1/04
72/196	B 21D 13/04, B 21F 33/00, B 21D 13/10, B 31F 1/07, B 31F 1/26
72/197	B 21B 27/005, B 21B 1/227, B 21H 8/005, B 21H 8/00, B 44B 5/0047
72/198	B 21B 1/163, B 21B 21/02, B 21H 1/22, B 21B

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72/199	B 21D 19/005, B 21B 1/026, B 21B 27/00, B 21B 27/02, B 21B 1/18
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72/201	B 21B 27/10, B 21B 45/0218, B 21B 45/0224, B 21B 1/18, B 21B 45/0233
72/202	B 21B 45/004, B 21B 1/34, B 21B 1/26, B 21B 45/008, B 21B 39/12
72/203	B 21B 2015/0014, B 21B 15/0007, B 21B 39/18, B 21D 19/005, B 21B 1/18
72/204	B 21B 1/0815, B 21B 1/18, B 21B 1/0855, B 21B 2015/0021, B 21B 1/16
72/205	B 21B 39/08, B 21B 1/222, B 21D 1/05, B 21B 1/28, B 21B 1/36
72/206	B 21B 2015/0028, B 21C 1/16, B 21B 1/024, B 21B 15/00, B 21B 15/0035
72/207	B 21H 8/00, B 44B 5/0004, B 21H 7/007, B 44B 5/026, B 21B 1/227
72/208	B 21B 21/005, B 21B 25/00, B 21B 17/04, B 21B 21/00, B 21B 23/00
72/209	B 21B 17/04, B 21B 17/12, B 21B 25/00, B 21B 25/06, B 21B 25/02
72/210	B 21D 19/043, B 21D 7/06, B 21D 7/08, B 21D 19/00, B 21D 39/02
72/211	B 21D 1/06, B 21D 19/043, B 23P 19/047, B 21D 1/12, B 21D 39/02
72/212	B 21D 5/01, B 21D 7/066, B 21C 3/08, B 21D 5/0209, B 21D 5/08
72/213	B 21D 7/06, B 21H 5/02, B 21D 3/10, B 21D 11/10, B 21D 53/28
72/214	B 21B 21/005, B 21D 39/021, B 21B 1/42, B 21D 39/023, B 21B 21/045
72/215	B 21D 7/022, B 21D 7/04, B 21D 7/08, B 21D 9/073, B 21D 11/10

72/216	B 21H 5/02, B 21H 5/045, B 21D 5/04, B 21D 5/042, B 21D 11/07
72/217	B 21D 7/022, B 21D 7/063, B 21D 11/12, B 21D 7/024, B 21D 11/10
72/218	B 21D 7/022, B 21D 11/12, B 21F 1/00, A 61B 17/8863, B 21D 7/02
72/219	B 21D 7/022, B 21D 7/024, B 21D 7/02, B 21D 7/04, B 21D 11/10
72/220	B 21D 39/021, B 21D 39/023, B 21D 19/043, B 21B 1/224, B 21D 7/08
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72/222	B 21B 1/085, B 21B 1/088, B 21B 1/12, B 21B 1/06, B 21B 1/082
72/223	B 21B 1/085, B 21B 1/0855, B 21B 1/088, B 21B 27/03, B 21B 31/30
72/224	B 21B 13/103, B 21B 17/14, B 21B 31/26, B 21B 1/18, B 21C 3/08
72/225	B 21B 1/088, B 21B 2013/106, B 21B 13/10, B 21B 31/04, B 21B 1/085
72/226	B 21B 1/18, B 21B 1/26, B 21B 31/14, B 21B 2013/003, B 21B 1/06
72/227	B 21B 13/12, B 21B 39/14, B 21B 39/165, B 21B 1/18, B 21B 1/088
72/228	B 21B 1/18, B 21B 39/18, B 21B 2013/003, B 21B 2031/026, B 21B 35/14
72/229	B 21B 1/34, B 21B 1/36, B 21B 39/04, B 21B 2015/0057, B 21B 1/32
72/230	B 21B 41/06, B 21B 1/18, B 21B 41/04, B 21B 39/28, B 21B 41/00
72/231	B 21B 39/28, B 21B 1/18, B 21B 1/26, B 21B 1/026, B 21B 39/04
72/232	B 21B 13/04, B 21B 1/222, B 21B 27/02, B 21B 35/06, A 61F 2/82
72/233	B 21B 13/04, B 21B 1/088, B 21B 13/02, B 21B

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72/235	B 21B 1/18, B 21B 13/005, B 21B 35/02, B 21B 13/12, B 21B 31/26
72/236	B 21B 28/04, B 21B 27/10, B 21B 31/076, B 21B 45/0251, B 24B 5/363
72/237	B 21B 31/02, B 21B 31/04, B 21B 13/023, B 21B 13/02, B 21B 31/07
72/238	B 21B 31/10, B 21B 13/001, B 21B 31/08, B 21B 31/02, B 21B 13/06
72/239	B 21B 31/10, B 21B 31/103, B 21B 31/08, B 21B 2013/106, B 21B 13/06
72/240	B 21B 31/32, B 21B 13/02, B 21B 37/24, B 21H 7/007, B 21B 31/24
72/241.2	B 21B 2013/025, B 21B 13/14, B 21B 2031/206, B 21B 13/023, B 21B 13/145
72/241.4	B 21B 13/147, B 21B 27/05, B 21B 13/14, B 21B 27/02, B 21B 31/18
72/241.6	F 16C 13/028, B 21B 27/055, B 21B 37/36, D 21G 1/022, B 21B 13/14
72/241.8	B 21B 29/00, B 21B 31/203, B 21B 13/023, B 21B 31/18, B 21B 2269/04
72/242.2	B 21B 13/147, B 21B 13/14, B 21B 27/03, B 21B 35/12, B 21B 13/145
72/242.4	B 21B 13/147, B 21B 31/04, B 21B 31/32, B 21B 31/26, B 21B 27/03
72/243.2	B 21B 13/145, B 21B 2031/206, B 21B 2267/065, B 21B 1/24, B 21B 13/147
72/243.4	B 21B 13/145, B 21B 2031/206, B 21B 13/147, B 21B 29/00, B 21B 2203/24
72/243.6	B 21B 13/14, B 21B 27/02, B 21B 27/03, B 21B 29/00, B 21B 13/142
72/244	B 21B 31/30, B 21B 33/00, B 21B 31/22, B 21B 31/28, B 21B 31/32

72/245	B 21B 31/32, B 21B 29/00, B 21B 37/64, B 21B 31/203, B 21B 33/00
72/246	B 21B 31/203, B 21B 13/06, B 21B 31/07, B 21B 31/32, B 21B 1/40
72/247	B 21B 31/18, B 21B 13/142, B 21B 29/00, B 21B 2273/22, B 21B 37/40
72/248	B 21B 31/24, B 21B 31/22, B 21B 13/06, B 21B 33/00, B 21B 13/005
72/249	B 21B 35/12, B 21B 35/14, B 21B 35/02, B 21B 13/005, B 21B 13/06
72/250	B 21B 39/165, B 21B 39/16, B 21B 39/14, B 21B 39/08, B 21B 43/003
72/251	B 21B 39/04, B 21B 39/16, B 21B 39/002, B 21B 39/14, B 21B 39/165
72/252	B 21B 39/04, B 21B 39/16, B 21B 17/12, B 21B 21/04, B 21B 39/30
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72/254	B 21C 23/20, B 21C 33/00, B 21C 23/085, B 21C 23/03, B 21C 23/14
72/255	B 21C 35/04, B 21C 23/212, B 21C 23/218, B 21C 23/21, B 21C 23/214
72/256	B 21C 23/14, B 21C 25/00, B 21C 25/08, B 21C 23/01, B 21C 23/10
72/257	B 21C 35/02, B 21C 29/00, B 21C 33/00, B 21C 35/03, B 21C 23/218
72/258	B 21C 23/22, B 21C 23/24, B 21C 25/06, B 21C 23/005, B 21C 23/32
72/259	B 21C 23/30, B 21C 25/06, B 21C 23/001, B 21C 23/085, B 21C 23/08
72/260	B 21C 25/08, B 21C 23/14, B 21C 23/085, B 21C 25/00, B 21C 25/02
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72/262	B 21C 23/005, B 21C 23/30, B 21C 23/001, B 21C 25/00, B 21C 29/00
72/263	B 21C 23/212, B 21C 23/214, B 21C 23/21, B 21C 35/04, B 21C 33/00
72/264	B 21C 23/085, B 21C 25/00, B 21C 25/04, B 21C 23/14, B 21C 23/217
72/265	B 21C 23/217, B 21C 23/085, B 21C 23/211, B 21C 23/21, B 21C 25/04
72/266	B 21C 23/085, B 21C 23/14, B 21C 23/217, B 21C 25/00, B 21C 23/002
72/267	B 21C 23/20, B 21C 25/00, B 21C 23/03, B 21K 1/30, B 21C 23/085
72/268	B 21C 25/06, B 21C 23/24, B 21C 23/26, B 21C 23/30, B 21C 29/04
72/269	B 21C 25/00, B 21C 25/02, B 21C 25/04, B 21C 23/085, B 21C 25/025
72/270	B 21C 33/00, B 21C 33/02, B 21C 23/21, B 21C 29/00, B 21C 23/008
72/271	B 21C 25/02, B 21C 23/211, B 21C 25/00, B 21C 29/04, B 21C 31/00
72/272	B 21C 27/00, B 21C 25/02, B 21C 23/21, B 21C 23/212, B 21C 23/218
72/273	B 21C 26/00, B 21C 35/04, B 21C 25/00, B 21C 25/02, B 21C 23/08
72/273.5	B 21C 23/218, B 21C 35/04, B 21C 23/205, B 21C 26/00, B 21C 25/00
72/274	B 21C 1/22, B 21C 3/04, B 21C 1/00, B 21C 1/003, B 21C 1/12
72/275	B 21C 1/00, B 21C 1/14, B 21C 37/045, B 21C 37/202, B 23B 5/12
72/276	B 21C 37/16, B 21C 37/18, B 21C 1/24, B 21C 3/06, B 21D 15/02
72/277	B 21C 1/32, B 21C 1/24, B 21C 1/04, B 21C 1/12, B 21C 1/00

72/278	B 21C 1/04, B 21C 1/00, C 21D 8/06, B 21C 1/003, B 21C 1/02
72/279	B 21C 1/12, B 21C 1/04, B 21C 1/08, B 21C 1/10, B 21C 1/14
72/280	B 21C 1/12, B 21C 1/04, B 21C 1/14, B 21C 1/08, B 21C 1/10
72/281	B 21C 19/00, B 21C 1/04, B 21C 1/28, B 21C 1/32, B 21C 1/02
72/282	B 21C 1/006, B 21C 1/24, B 21C 3/02, B 01J 19/10, B 21B 11/00
72/283	B 21C 1/24, B 21C 3/16, B 21C 37/16, B 21C 37/30, B 22D 11/057
72/284	B 21C 1/26, B 21C 19/00, B 21C 1/30, B 21C 5/00, B 21C 1/006
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72/286	B 21C 9/00, B 21C 1/14, B 21C 3/14, B 21C 1/04, B 21C 37/04
72/287	B 21C 1/28, B 21C 1/30, B 21C 1/04, B 21C 1/18, B 21C 1/24
72/288	B 21C 1/12, B 21C 1/14, B 21C 1/30, B 21C 19/00, B 21C 1/28
72/289	B 21C 1/14, B 21C 1/02, B 21C 1/12, B 21C 1/08, B 21C 1/04
72/290	B 21C 1/28, B 21C 1/30, B 21C 19/00, B 21C 1/16, B 21C 1/27
72/291	B 21C 1/30, B 21C 1/22, B 21C 1/28, B 21C 1/305, B 21C 19/00
72/292	B 21D 1/14, B 25B 27/10, B 21D 39/046, B 21C 37/15, B 21D 1/12
72/293	B 21D 1/14, B 21D 1/12, H 01H 49/00, A 63B 59/0074, A 63B 2053/025
72/294	B 21D 11/12, B 21D 5/04, B 23D 31/00, B 21D 37/205, B 21D 5/042
72/295	B 21D 1/12, B 21D 1/14, B 21D 11/02, B 21D

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72/296	B 21D 11/02, B 21D 25/02, H 02K 15/045, B 21D 11/10, B 21D 7/06
72/297	B 21D 11/02, B 21D 25/02, B 21D 11/10, B 21D 22/02, B 21D 3/10
72/298	B 21D 9/03, B 21D 9/08, H 02K 15/045, B 21D 7/02, B 21D 7/022
72/299	B 21D 11/14, B 21D 3/12, B 21D 11/16, B 21D 15/04, B 21D 53/78
72/300	B 21D 11/18, B 21D 1/12, B 21D 5/00, B 21D 7/066, B 21D 15/06
72/301	B 21D 11/18, A 62B 3/005, B 21D 1/14, H 02K 15/045, B 21C 37/28
72/302	B 21D 25/04, B 21D 25/00, B 21D 1/12, B 21D 1/14, B 21D 11/02
72/303	B 21D 7/00, B 21D 11/02, B 21D 11/085, B 21D 51/10
72/304	B 21D 19/08, B 21C 37/155, B 21D 7/06, B 21D 22/025, B 21D 25/00
72/305	B 21D 1/14, B 21D 11/02, B 21D 19/08, B 21D 25/02, B 21D 1/12
72/306	B 21D 5/04, B 21D 39/021, B 21D 7/12, B 21F 1/00, B 21D 7/022
72/307	B 21D 7/022, B 21F 1/00, B 21D 7/12, B 21D 37/205, B 21D 11/12
72/308	B 21D 1/12, B 21D 1/145, B 21D 1/14, B 21D 1/10, B 21D 25/00
72/309	B 21D 1/14, B 21D 3/10, B 21D 3/16, B 21D 17/02, B 21D 19/08
72/310	B 21D 7/024, B 21D 5/04, B 21D 5/042, B 21D 7/022, B 21D 1/14
72/311	B 21D 19/08, B 21D 1/10, B 21D 5/02, B 21D 1/12, B 21D 11/20
72/312	B 21D 39/021, B 21D 5/04, B 21D 19/08, B 21D 41/02, B 21D 5/042

72/313	B 21D 24/12, B 21D 19/08, B 21D 19/086, B 21D 5/04, B 21D 13/02
72/314	B 21D 5/04, B 21D 5/042, B 21C 37/104, B 21D 7/03, B 21D 11/10
72/315	B 21D 5/04, B 21D 39/021, B 21D 24/12, B 21D 5/042, B 21D 39/02
72/316	B 21D 5/04, B 21D 41/02, B 21D 1/10, B 21D 41/021, B 21D 5/045
72/317	B 21D 41/021, B 21D 41/00, B 21D 41/04, B 21C 37/205, B 21D 1/145
72/318	B 21D 41/021, B 21D 41/02, B 21D 41/025, B 21J 5/08, B 21J 9/06
72/319	B 21D 5/04, B 21D 5/042, B 21D 5/045, B 21D 5/047, B 21D 5/0236
72/320	B 21D 5/04, B 21D 5/042, B 21D 5/045, B 21D 7/022, B 41F 27/1287
72/321	B 21D 5/04, B 21D 5/042, B 21D 7/022, B 21D 7/063, B 21D 19/08
72/322	B 21D 5/04, B 21D 7/022, B 21D 19/08, B 21D 5/045, B 21D 7/04
72/323	B 21D 5/04, B 21D 5/042, B 21D 5/045, B 21D 39/021, B 21D 39/02
72/324	B 21D 35/00, B 21D 5/00, B 21D 11/20, B 21D 28/10, B 21D 28/28
72/325	B 21D 31/02, E 04F 21/0061, B 21D 28/34, B 21D 31/00, B 21D 28/28
72/326	B 21D 28/10, B 21D 31/02, B 21D 53/00, B 21D 28/28, B 21D 22/04
72/327	B 21D 31/02, B 21D 22/04, B 21D 28/32, B 21D 22/21, B 21D 28/10
72/328	B 21D 22/04, B 21D 35/00, B 21D 45/003, B 21D 28/24, B 21D 37/08
72/329	B 21D 51/44, B 21D 22/28, B 21D 51/38, B 21D 28/16, B 21D 35/00
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72/331	B 21D 53/36, B 21D 53/00, B 23D 21/00, B 21C 37/0815, B 21D 7/06
72/332	B 21D 53/00, B 21D 35/00, B 21D 53/36, B 23D 31/001, B 21D 22/02
72/333	B 21D 53/00, B 21D 35/00, B 21D 28/10, B 21D 28/26, B 21D 28/32
72/334	B 21D 22/04, B 21D 28/24, B 21J 1/025, B 21J 5/00, B 21C 23/001
72/335	B 21D 35/00, B 21D 53/74, B 21D 22/04, B 21D 28/24, B 21D 37/08
72/336	B 21D 28/06, B 21D 51/38, B 21D 35/00, B 21D 22/28, B 21D 51/26
72/337	B 21K 27/06, B 21K 1/02, B 21D 53/00, B 21J 9/06, B 21K 1/46
72/338	B 21D 53/00, B 21D 53/36, B 21D 51/00, B 21D 53/085, B 21D 53/645
72/339	B 21D 53/00, B 21K 27/06, B 21D 35/00, B 21D 53/74, B 21K 1/02
72/340	B 21D 51/24, B 21D 53/00, B 21D 53/64, B 26B 19/384, B 21D 53/645
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72/342.1	B 21J 5/08, B 21J 9/08, E 01B 31/18, B 21D 11/20, B 21D 15/06
72/342.2	B 21D 37/16, B 21B 45/023, B 21C 9/00, B 21C 29/00, B 21C 29/04
72/342.3	B 21D 37/16, B 21D 22/02, B 21D 51/26, B 21J 13/02, B 21K 29/00
72/342.4	B 21D 1/06, B 21D 53/00, B 21J 1/06, B 21K 29/00, B 41D 5/00
72/342.5	B 21J 1/06, B 21D 7/16, B 21D 11/20, B 23P 15/00, B 21D 7/06
72/342.6	C 21D 9/46, B 21D 11/20, B 21D 22/02, C 21D 2221/00, B 21C 23/001

72/342.7	B 21D 37/16, C 21D 7/12, B 21D 22/04, B 23P 9/025, B 21C 29/04
72/342.8	B 21K 29/00, B 21J 9/08, B 21J 13/02, B 21D 37/16, B 21J 5/02
72/342.92	B 21K 29/00, B 21D 37/16, B 21D 22/00, B 21D 22/04, B 21D 26/055
72/342.94	B 21J 5/08, B 21K 1/08, B 21C 5/00, B 21C 37/18, B 21C 37/292
72/342.96	B 21D 37/16, B 21D 22/02, B 21D 1/06, B 21D 5/04, B 21D 7/022
72/343	B 21K 1/30, B 21C 23/14, B 21D 9/125, B 21C 37/18, B 21J 5/12
72/344	B 21D 45/06, B 21D 45/065, B 21J 13/14, B 21K 1/30, B 21K 1/305
72/345	B 21J 13/14, B 21D 45/06, B 21D 45/00, B 30B 15/32, B 21D 45/065
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72/349	B 21D 22/28, B 21D 51/26, B 21D 22/30, B 21D 22/22, B 21D 22/24
72/350	B 21D 22/22, B 21D 22/26, B 21D 24/04, B 21D 22/02, B 21D 24/14
72/351	B 21D 24/08, B 21D 24/02, B 21D 24/14, B 21D 22/22, B 21D 24/06
72/352	B 21D 51/2615, B 21D 51/2638, B 21J 5/02, B 21D 51/26, B 21J 13/02
72/353.2	B 21J 13/02, B 21K 1/762, B 21K 1/767, B 21D 41/04, B 21D 51/44
72/353.4	B 21K 1/762, B 21K 1/765, B 21J 5/12, B 21D 51/44, B 21D 41/026
72/353.6	B 21D 53/30, B 21D 1/08, B 21D 17/02, B 21D

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72/354.6	B 21D 51/2615, B 21D 51/2638, B 21K 1/762, B 21K 23/00, B 21K 23/04
72/354.8	B 21D 22/04, B 21K 1/30, B 21C 23/186, B 21D 22/30, B 21D 51/26
72/355.2	B 21J 5/02, B 21K 1/762, B 21D 19/12, B 21D 22/04, B 21D 39/04
72/355.4	B 21J 5/02, B 21D 53/10, B 21K 1/30, B 21K 23/04, B 21D 22/04
72/355.6	B 21J 5/02, B 21J 5/08, B 21J 13/02, B 21K 1/762, B 21J 7/34
72/356	B 21J 5/02, B 21K 1/30, B 21D 51/2615, B 21K 1/76, B 21K 5/16
72/357	B 21J 5/02, B 21J 9/06, B 21C 37/28, B 21J 5/08, B 21J 9/18
72/358	B 21D 22/04, B 21K 1/762, B 21J 5/00, B 21J 13/02, B 21C 23/14
72/359	B 21J 5/02, B 21J 13/02, B 21K 1/30, B 21J 5/08, B 21J 5/00
72/360	B 21J 13/02, B 21D 41/04, B 21J 5/02, B 21K 1/761, B 21D 51/00
72/361	B 21J 13/08, B 21D 43/18, B 21K 27/04, B 21D 41/04, B 21D 43/12
72/362	B 21D 3/10, B 23P 6/00, B 21D 7/06, B 21D 11/10, B 21D 51/18
72/363	B 21B 1/227, B 21B 1/38, B 21B 1/0805, B 44C 1/24, B 01D 29/11
72/364	B 21J 5/00, B 21J 1/06, C 21D 8/06, C 21D 7/13, C 21D 8/005
72/365.2	B 21B 1/22, B 21B 3/02, B 21B 27/00, C 22C 38/18, B 21B 1/026
72/366.2	B 21B 27/005, B 21B 1/22, B 21B 1/227, B 21B 1/088, B 21B 13/02

72/367.1	B 21B 19/04, B 21B 23/00, B 21C 1/24, B 21C 37/0815, B 21C 37/09
72/368	B 21C 37/104, B 21D 5/015, B 21D 51/10, B 21D 53/16, B 21C 37/0822
72/369	B 21D 7/06, B 21D 9/08, B 21D 9/15, B 21D 9/073, B 21D 9/12
72/370.01	B 21B 23/00, B 21B 45/00, B 21C 37/202, B 23P 15/10, F 16B 19/1054
72/370.02	B 21D 51/2615, B 21D 51/2638, B 21D 41/04, A 63B 59/06, B 21B 21/005
72/370.03	B 21D 41/02, B 21J 5/08, B 21K 21/12, B 21D 17/02, B 21D 19/08
72/370.04	B 21C 37/20, B 21D 17/02, B 21D 53/00, B 21K 1/767, B 21K 1/768
72/370.05	B 21D 17/02, B 21D 15/02, B 21J 5/12, B 21C 37/153, B 21C 37/155
72/370.06	B 21D 41/02, B 21C 37/16, E 21B 43/105, B 21D 26/033, B 21D 39/20
72/370.07	B 23P 9/025, C 21D 7/12, B 21D 41/02, B 21J 15/043, C 21D 7/04
72/370.08	B 21D 39/20, B 21C 37/30, B 21D 15/06, B 21C 37/0811, B 21D 22/06
72/370.1	B 21D 41/02, B 21D 41/04, A 61B 10/0045, A 61B 2010/008, B 21D 19/08
72/370.11	B 21D 19/046, B 21D 19/12, B 21D 53/30, B 21J 9/06, B 60B 25/00
72/370.12	B 21C 5/00, B 21C 5/003, B 21D 41/045, B 21D 51/24, B 21D 53/00
72/370.13	B 21K 21/12, B 21D 41/04, B 23P 15/00, B 21C 5/00, B 21C 37/0811
72/370.14	A 61M 5/329, B 21C 37/065, B 21C 37/0803, B 21C 37/0815, B 21C 37/185
72/370.15	B 21C 3/02, B 21C 37/15, B 21C 37/28, B 21D 7/085, B 21D 41/04
72/370.16	B 21C 37/205, B 21C 37/207, B 21D 53/28, B 21J

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72/370.17	B 21C 37/207, F 28F 1/02, F 28F 1/40, B 21C 37/15, B 21C 37/20
72/370.18	F 28F 1/42, F 28F 1/422, B 21C 37/207, B 21D 53/02, B 21D 53/08
72/370.19	B 21D 15/06, B 21C 37/202, B 21D 13/00, B 21D 15/10, B 21D 17/025
72/370.2	B 21D 15/02
72/370.21	B 21D 15/04, B 21D 17/02, B 21K 1/063, B 21K 1/767, B 62D 3/126
72/370.22	B 21D 26/033, B 21D 22/025, B 21D 11/18, B 21D 26/047, B 21D 9/15
72/370.23	B 21C 37/15, F 25B 41/067, B 21C 37/155, B 21C 37/16, B 21C 37/30
72/370.24	B 21C 37/06, B 21C 37/30, B 21D 17/04, B 21D 22/14, B 21D 26/00
72/370.25	B 21C 37/16, B 21K 1/063, B 21K 1/12, B 01D 39/20, B 01D 39/2034
72/370.26	B 21D 15/02, B 21D 22/18, F 16L 9/003, F 16L 23/14, F 24F 13/0209
72/370.27	B 21C 37/292, B 21D 26/035, B 21D 28/28, E 21B 43/086, B 05B 1/04
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72/372	B 21D 37/20, B 21K 1/06, A 44B 9/18, B 21D 1/00, B 21D 1/06
72/373	B 21D 13/02, B 21D 53/00, B 21J 13/02, A 47K 1/04, B 21D 1/06
72/374	B 21D 13/02, B 21J 5/02, B 21K 1/30, B 21K 23/02, B 21C 23/001
72/375	B 21D 13/02, B 21D 53/00, B 21D 5/02, B 21D 22/02, B 21D 53/883
72/376	B 21K 9/00, B 21D 11/10, B 21D 53/62, B 21F 45/00, B 21J 5/08

72/379.2	B 21D 5/02, B 21D 19/08, B 21D 53/00, B 21D 11/08, B 21D 53/36
72/379.4	B 21D 51/2615, B 21D 51/383, B 21D 51/26, B 21D 51/2646, B 21D 51/38
72/379.6	B 21D 13/04, B 21D 13/02, B 21D 53/04, B 21D 5/01, B 21D 11/08
72/377	B 21J 5/00, B 21K 9/00, B 21K 1/76, B 21K 1/30, B 21K 1/74
72/378	B 21D 3/12, B 21D 22/02, B 21D 22/26, B 21D 53/00, B 21D 53/261
72/380	B 21D 7/0225, B 21D 1/14, B 21D 7/022, B 21D 11/20, B 21D 1/12
72/381	B 21D 7/06, B 21D 5/04, B 21D 13/02, B 21D 37/08, B 21D 1/14
72/382	B 21D 13/02, B 21D 5/01, B 21D 5/02, B 21D 7/06, B 21D 22/06
72/383	B 21F 1/04, B 21D 7/06, B 21D 11/07, B 21D 11/12, B 21D 7/022
72/384	B 62D 55/32, B 21D 3/10, B 25B 27/22, B 21D 5/02, B 21D 11/10
72/385	B 21D 13/02, B 21D 3/10, B 21D 13/00, A 01G 5/00, B 21D 13/10
72/386	B 21D 1/14, B 21D 3/10, B 21D 7/06, B 21D 1/12, B 21D 3/16
72/387	B 21D 5/04, B 21D 5/042, B 21D 7/022, B 21D 7/063, B 21F 1/00
72/388	B 21D 7/063, B 21D 7/022, B 21D 7/024, B 21D 11/12, B 21F 1/002
72/389.1	B 21D 5/01, B 21D 7/06, B 21D 7/066, B 21D 3/08, B 21D 3/10
72/389.2	B 21D 5/01, B 21D 5/02, B 21D 7/06, B 21D 7/063, B 21D 11/08
72/389.3	B 21D 5/02, B 21D 5/0209, B 21D 5/002, B 30B 15/18, B 21D 5/0281
72/389.4	B 21D 5/0209, B 21D 5/02, B 21D 5/0227, B 21D

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72/389.5	B 21D 5/0272, B 30B 15/007, B 21D 5/02, B 21D 5/0209, B 21D 5/01
72/389.6	B 21D 3/10, B 21D 7/06, B 21D 1/14, B 21D 1/12, B 21D 5/02
72/389.7	B 21D 1/12, B 21D 1/14, B 21D 7/06, B 21D 3/10, B 21D 5/02
72/389.8	B 21D 7/06, B 21D 7/066, B 21D 7/063, B 21D 5/01, B 21D 5/0263
72/389.9	B 21D 7/06, B 21D 3/10, B 21D 7/063, B 21D 53/32, B 25B 27/146
72/390.2	B 21D 7/063, B 21D 7/04, B 21D 1/10, B 21D 1/12, B 21D 7/022
72/390.3	B 21D 3/10, B 21D 7/06, B 21D 1/12, B 21D 3/00, B 21D 3/16
72/390.4	B 21D 7/063, B 21D 5/02, B 21D 7/06, A 61B 17/8863, B 21C 37/283
72/390.5	A 61C 7/04, B 21D 3/10, B 21D 7/063, B 21D 3/00, B 21D 7/06
72/390.6	B 21D 7/06, B 21D 3/10, B 21D 1/12, B 21D 1/14, B 21D 1/06
72/390.7	B 21D 3/10, B 21D 1/12, B 21D 7/06, B 21D 1/14, B 21D 1/06
72/391.2	B 23P 9/025, B 21D 1/06, B 21J 15/043, B 21J 15/022, B 21J 15/105
72/391.4	B 21J 15/043, B 23P 9/025, B 21J 15/386, B 21J 15/105, B 23P 11/005
72/391.6	B 21J 15/34, B 21J 15/105, B 21J 15/043, B 21J 15/32, B 21J 15/323
72/391.8	B 25B 27/0014, B 25B 27/0007, B 21J 15/105, B 21J 15/043, B 21J 15/386
72/392	B 21D 1/14, B 21D 1/08, B 21D 1/12, A 62B 3/005, B 62D 55/32
72/393	B 21D 39/20, B 21D 41/02, B 21D 41/026, B 21D 39/06, B 21D 17/02

72/394	B 21D 5/04, B 21D 5/042, B 21C 37/0811, B 21D 1/10, B 21D 1/14
72/395	B 21D 11/085, B 21D 1/06, B 21D 7/00, B 21D 25/04, B 21D 39/031
72/396	B 21D 7/06, B 21D 5/0263, B 21D 13/02, B 21D 5/01, B 21D 5/0209
72/397	B 21D 53/886, B 21D 13/02, B 21D 3/10, B 21D 5/04, B 21D 7/03
72/398	B 21D 5/015, B 21D 9/08, B 21D 15/02, B 21D 17/02, B 21C 37/15
72/399	B 21J 7/14, B 21D 13/02, B 21D 53/30, B 21D 17/02, B 21D 39/04
72/400	B 21J 7/14, B 21C 5/00, B 21C 5/003, B 21D 7/06, B 21D 39/02
72/401	B 21D 53/30, B 21D 53/00, B 21D 53/36, B 21J 7/14, B 21D 5/01
72/402	B 21J 7/14, B 21D 39/046, H 01R 43/0424, B 25B 27/10, B 21D 39/048
72/403	B 21F 1/00, B 21J 7/14, B 21D 13/02, B 21D 53/00, B 21D 53/30
72/404	H 01R 43/042, B 21D 35/00, B 21D 43/05, B 21J 15/18, B 21D 22/06
72/405.01	B 21K 27/04, B 30B 15/04, B 21B 39/00, B 21D 43/05, B 21D 43/055
72/405.02	B 21D 43/05, B 21D 43/055, B 21D 43/12, B 21K 27/04, B 21D 3/045
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72/405.06	B 21D 35/00, B 21D 37/08, B 21D 45/00, B 21D 51/10, B 21B 13/18
72/405.07	B 21D 43/05, B 21D 43/18, B 21D 37/08, B 21D 43/055, B 21D 51/383

72/405.08	B 21D 43/057, B 21D 43/05, B 21J 9/022, B 21K 27/04
72/405.09	B 21D 43/05, B 21D 43/055, B 21D 43/057, B 21D 7/06, B 21D 26/023
72/405.1	B 21D 43/055, B 21D 43/052, B 21D 43/05, B 21D 43/057, B 21D 37/14
72/405.11	B 21D 43/05, B 21D 43/055, B 21D 43/057, B 21K 27/04, B 21D 22/02
72/405.12	B 21K 27/04, B 21D 43/055, B 21J 9/022, B 21D 43/05, B 21J 13/08
72/405.13	B 21D 43/055, B 21K 27/04, B 21D 43/057, B 21D 43/05, B 21J 9/18
72/405.14	B 21D 43/055, B 21K 27/04, B 21D 43/05, B 21J 9/022, B 21J 13/08
72/405.15	B 21K 27/04, B 21D 43/055, B 21J 13/08, B 21J 13/10, B 21D 22/08
72/405.16	B 21D 43/055, B 21K 27/04, B 21D 43/05, B 21J 13/08, B 21D 43/025
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72/409.01	H 01R 43/042, B 25B 27/146, B 25B 7/12, B 25B 7/02, B 25B 27/10
72/409.02	A 01K 15/003, B 25B 27/146, A 01K 11/002, A 61B 17/10, A 01K 11/00
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72/409.04	A 01K 95/02, B 25B 27/146, H 01R 43/045, A 01K 97/18, A 61B 17/122
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	01R 43/015, H 01R 43/0424
72/409.07	B 25B 27/146, B 25B 27/10, H 01R 43/042, B 21D 1/06, B 21D 1/065
72/409.08	H 01R 43/042, B 25B 27/146, B 21D 39/04, B 21D 53/58, B 21J 15/386
72/409.09	H 01R 43/042, B 25B 7/04, B 25B 27/146, B 21D 1/06, B 21D 1/10
72/409.1	H 01R 43/042, B 25B 7/12, B 25B 27/10, B 25B 27/146, B 21J 15/386
72/409.11	H 01R 43/042, B 25B 27/146, F 16G 3/003, B 21D 7/063, B 21J 15/386
72/409.12	H 01R 43/042, B 25B 7/12, B 25B 27/146, B 25B 7/123, B 25B 7/02
72/409.13	B 25B 7/02, A 01K 95/02, B 25B 31/00, A 61B 17/10, B 21D 5/00
72/409.14	H 01R 43/042, B 25B 27/146, H 01R 43/0421, B 25B 27/10, H 01R 43/0427
72/409.15	F 16G 3/003
72/409.16	H 01R 43/042, B 25B 27/146, B 25B 7/04, B 25B 7/02, B 25B 7/12
72/409.17	B 25B 7/02, A 44C 5/02, A 44C 27/00, A 61B 17/076, B 21D 1/08
72/409.18	B 25B 7/02, B 21D 19/08, B 21D 5/04, B 21D 5/042, B 21D 7/063
72/409.19	B 25B 7/02, B 25B 27/146, B 21D 7/063, B 25B 27/10, H 01R 43/0424
72/411	B 21D 11/18, B 21D 7/06, B 21D 49/00, B 21D 53/58, H 01R 43/058
72/412	H 01R 43/058, H 01R 43/042, B 21D 1/06, B 21D 5/02, H 01R 43/0427
72/413	B 21D 37/02, B 21D 53/886, H 01R 43/042, B 21J 15/043, B 21D 5/0209
72/414	B 21D 19/08, B 21D 13/02, B 21D 17/02, B 21D 22/02, H 01L 21/4842

72/415	B 21D 5/02, B 21D 5/0209, B 21D 5/01, B 21D 13/02, B 21D 1/06
72/416	B 25B 27/10, H 01R 43/0427, B 21D 39/04, B 21F 15/06, H 01R 43/042
72/417	B 21D 24/12, B 21D 24/14, B 21D 24/02, B 21D 24/08, B 30B 1/26
72/418	B 21D 39/021, B 21B 17/06, B 21B 17/14, B 21B 21/04, B 21B 37/00
72/419	B 21C 1/14, B 21J 13/08, B 21C 9/00, B 21D 43/09, B 21D 43/00
72/420	B 21J 13/10, B 21D 5/0281, B 21D 43/105, B 21J 13/08, B 21D 5/02
72/421	B 21D 43/055, B 21J 13/10, B 21J 13/08, H 01R 43/04, B 21D 43/11
72/422	B 21D 1/145, B 21D 43/105, B 21C 1/28, B 21J 13/10, B 21D 5/02
72/423	B 21C 1/14, B 21C 1/12, B 21C 47/04, B 21C 47/32, B 21D 26/033
72/424	B 21J 15/32, H 01R 43/055, B 21D 43/20, B 21J 15/18, A 01K 15/003
72/425	B 21C 1/12, B 21C 1/08, B 21C 1/14, A 44B 19/48, B 21C 47/32
72/426	B 21D 43/105, B 21D 45/00, B 21B 43/00, B 21D 22/00, B 21D 43/18
72/427	B 21D 45/00, B 21J 13/14, B 21D 45/02, B 30B 15/32, B 21C 1/28
72/428	B 21B 19/04, B 21D 3/04, B 21B 15/00, B 21B 23/00, B 21B 39/02
72/429	B 21J 9/18, B 30B 1/26, B 21D 1/065, B 21D 22/00, B 21D 28/002
72/452.1	B 30B 1/40, B 21D 22/02, B 21D 28/20, B 21D 43/04, B 21J 9/18
72/452.2	H 01R 43/0428, A 43D 5/12, B 21D 1/00, B 21D 1/14, B 21D 7/06
72/452.3	B 21J 9/18, B 30B 1/261, B 21D 11/203, B 21D

	22/00, B 21D 22/06
72/452.4	B 21F 1/00, B 21D 28/002, B 21D 35/00, B 21D 39/021, B 21D 39/023
72/452.5	B 21J 9/18, B 30B 1/26, B 30B 1/266, B 30B 15/148, B 21B 15/0035
72/452.6	B 21D 39/021, B 21D 39/06, B 21J 15/046, B 21J 15/36, H 05K 13/0007
72/452.7	B 21D 3/10, B 21J 9/18, B 21J 13/00, B 21K 27/04, B 30B 1/261
72/452.8	B 30B 1/40, B 25B 27/146, B 21D 24/02, B 21D 28/20, B 21D 43/04
72/452.9	B 21D 28/32, B 21J 9/18, B 30B 1/40, B 21D 37/08, B 21D 19/08
72/430	B 21J 15/24, B 21J 7/30, B 30B 1/42, B 21J 7/26, H 01R 43/0422
72/431	B 21J 15/16, B 21D 22/00, B 21D 24/02, B 21J 7/10, A 61C 13/18
72/432	B 30B 15/284, B 21D 24/02, B 21J 15/105, B 21J 15/22, B 30B 15/281
72/433	B 21J 7/12, B 21D 1/06, B 21D 1/065, B 21J 7/32, B 21D 1/10
72/434	B 21D 1/06, B 21D 31/06, B 21J 7/12, A 41H 37/02, A 61B 17/06004
72/435	B 21C 23/211, B 21J 7/02, B 21J 7/24, B 21J 7/28, B 21J 7/40
72/436	B 21J 7/42, B 21J 7/36, B 21D 1/06, B 21D 1/065, B 21D 1/10
72/437	B 21D 1/06, B 21D 1/00, B 21D 1/065, B 21J 7/10, A 01K 15/003
72/438	B 21J 7/12, B 21J 7/08, B 21J 7/28, B 21J 7/32, B 21J 7/42
72/439	B 21J 7/42, B 21J 7/36, B 21J 13/06, B 27D 1/04, B 21D 5/02
72/440	B 21J 7/44, B 21J 13/04, B 21J 7/02, B 21J 7/42

72/441	B 21D 5/02, B 21J 15/18, B 30B 15/0035, B 21J 9/18, B 30B 1/263
72/442	B 21D 28/12, B 21F 1/00, B 21D 1/14, B 21D 37/04, B 21D 37/14
72/443	B 21D 5/02, B 30B 1/266, B 30B 15/14, B 30B 15/20, B 21J 9/18
72/444	B 21D 1/14, B 23Q 3/15553, B 30B 1/268, B 30B 15/287, B 21C 1/14
72/445	H 01R 43/0427, B 21J 7/24, B 21J 15/18, B 21J 7/10, B 21J 7/34
72/446	B 21D 37/14, B 21J 13/085, B 21D 37/04, B 21J 13/03, B 30B 15/028
72/447	B 21D 1/14, B 21D 1/12, B 21D 1/06, B 21J 15/30, B 21D 1/065
72/448	B 21D 37/14, B 30B 15/028, B 21J 13/085, B 30B 15/0029, B 21J 13/00
72/449	B 30B 1/266, B 21F 1/00, B 21D 22/30, B 25B 7/12, B 21D 1/06
72/450	B 21D 39/021, B 21J 9/18, B 30B 1/08, B 30B 1/26, B 30B 1/14
72/451	B 30B 1/14, B 21J 9/18, B 21D 24/12, B 21D 28/002, B 30B 1/16
72/453.01	B 21D 1/14, B 21B 31/32, B 21J 9/12, B 25B 27/146, B 30B 1/32
72/453.02	B 21J 9/12, B 30B 1/32, B 21J 7/14, B 21J 9/20, F 15B 11/0325
72/453.03	H 01R 43/0427, B 21J 9/18, B 25B 27/10, B 25B 27/146, B 30B 1/261
72/453.04	B 21J 9/18, B 21J 15/16, B 21J 15/20, B 21J 15/42, B 23K 11/314
72/453.05	B 30B 1/34, B 21J 9/12, B 21J 7/24, B 30B 15/048, B 30B 15/16
72/453.06	B 30B 1/32, B 21B 13/06, B 21B 31/32, B 21C 37/08, B 21D 5/01
72/453.07	B 21J 9/12, B 21C 23/14, B 21C 23/21, B 21C

	31/00, B 21D 24/00
72/453.08	B 30B 15/007, B 21D 5/02, B 21D 5/0272, B 21D 5/029, B 21J 9/02
72/453.09	B 21J 9/12, B 21C 23/002, B 21D 5/02, B 21J 9/04, B 21J 13/04
72/453.1	B 21J 7/34, B 21J 7/24, B 21J 7/26, B 30B 15/16, B 21B 15/0035
72/453.11	B 21J 9/12, B 21J 7/24, B 21D 1/06, B 21D 1/065, B 21D 22/04
72/453.12	B 21J 13/04, B 21J 9/02
72/453.13	B 21D 24/02, B 30B 15/0064, B 21D 24/14, B 21J 13/00, F 16F 9/049
72/453.14	B 21D 1/14, B 30B 15/281, B 21D 1/12, B 21D 5/0272, B 21J 15/20
72/453.15	H 01R 43/0427, B 25B 27/10, B 25F 5/005, B 21J 15/20, B 25B 27/146
72/453.16	H 01R 43/0427, B 25B 27/10, B 25B 27/146, B 21D 1/06, B 21D 1/065
72/453.17	B 21J 15/22, B 21J 15/18, B 21J 15/36, B 21J 15/022, B 21J 15/043
72/453.18	B 21J 9/12, B 21J 7/24, B 21J 7/28, B 30B 15/16, B 21D 39/048
72/453.19	B 21J 15/105, B 21J 15/22, B 21J 15/02, B 21J 15/043, B 21J 15/10
72/454	B 21D 24/02, B 30B 1/18, B 30B 1/188, B 21J 9/18, G 05B 19/19
72/455	B 21J 13/04, B 30B 15/04, B 30B 15/042, B 30B 15/048, B 21D 1/14
72/456	B 21J 13/04, B 30B 15/041, B 25B 27/10, B 21C 1/34, B 21D 1/065
72/457	B 21D 1/14, B 21D 1/145, B 21D 1/12, B 21D 1/06, B 21D 1/065
72/458	B 21D 7/063, B 21D 1/12, B 21D 1/06, B 21F 1/002, B 21D 7/022

72/459	B 21D 7/063, B 21D 7/022, B 21D 7/14, B 21D 1/06, B 21D 7/024
72/460	B 21J 15/36, B 21D 1/06, B 21D 5/04, B 21D 5/042, B 21D 7/024
72/461	B 21D 5/002, B 21D 43/26, B 21D 1/14, B 21D 5/02, B 23D 33/10
72/462	B 21J 13/03, B 30B 15/026, B 21D 37/04, B 21D 37/14, B 21D 37/20
72/463	B 21C 3/14, B 21B 25/04, B 21B 25/00, B 21D 1/06, B 21J 9/04
72/464	B 21K 5/06, B 21D 28/34, B 21H 3/06, A 43D 100/02, A 62B 3/005
72/465.1	B 21C 3/12, B 21B 3/00, B 21B 33/00, B 21C 3/02, B 21D 1/06
72/466	B 21D 9/03, B 21D 9/01, B 21D 9/05, B 21D 1/065, B 21D 1/06
72/466.2	B 21D 9/03, B 21D 9/01, B 21D 11/00, B 21D 9/073, B 21D 9/15
72/466.3	B 21D 24/16, B 30B 15/284
72/466.4	B 21J 15/36, B 21J 15/10, B 21J 15/105, B 21J 15/14, B 21J 15/30
72/466.5	B 21J 15/36, B 21J 15/46, B 21J 15/383, B 21J 15/38, B 21J 15/02
72/466.6	B 21D 1/06, B 25D 1/02, B 21D 31/06, B 25D 1/12, B 25D 2222/57
72/466.7	B 21D 5/0272, B 21D 24/02, B 21J 13/00, B 21C 3/12, B 21D 24/04
72/466.8	B 21C 3/16, B 21D 39/031, B 23P 11/00, B 21D 1/06, B 21D 22/10
72/466.9	B 21C 3/16, B 21D 37/00, B 21D 39/06, B 21J 13/06, A 61B 1/0014
72/467	B 21C 25/02, B 21C 3/025, B 21C 3/02, B 21C 3/04, B 21C 3/12
72/468	B 21C 3/06, B 21C 3/04, B 21C 25/02, B 21C 3/12, B 21C 25/00

72/469	B 21H 3/06, B 21H 5/027, B 21H 3/027, B 21H 3/02, B 21H 1/18
72/470	B 21D 11/085, A 61B 17/3213, B 21C 3/06, B 21D 1/06, B 21D 1/065
72/471	B 21D 5/015, B 21D 11/10, B 21D 15/04, B 21D 22/025, B 21D 37/10
72/472	B 21D 5/02, B 21D 35/006, B 21D 37/08, B 21D 37/20, B 21D 53/08
72/473	B 21D 5/0209, B 21D 1/06, B 21D 5/02, B 21D 7/06, B 21D 19/00
72/474	H 01R 43/058, B 21D 39/025, B 21J 15/14, B 21K 5/06, B 21K 7/12
72/475	B 21J 13/02, B 21C 37/283, B 21D 37/02, B 21D 37/10, B 21D 37/20
72/476	B 21D 37/20, A 61B 2017/07264, B 21D 1/06, B 21D 37/10, B 21D 39/08
72/477	B 21D 1/06, B 25D 1/00, B 21D 41/025, B 21J 15/36, B 21J 19/04
72/478	B 21D 1/06, B 21J 13/02, B 21D 5/0209, B 21D 37/10, B 21D 41/025
72/479	B 21D 1/06, B 21J 15/36, B 21D 39/025, B 21D 1/065, B 21D 39/08
72/480	B 21D 1/12, B 21C 25/04, B 21D 1/06, B 21D 28/12, B 21D 28/34
72/481.1	B 21D 5/0209, B 21D 5/0236, B 21D 5/02, B 21D 37/14, B 21D 37/145
72/481.2	B 21D 5/0209, B 21D 5/0236, B 30B 15/026, B 21D 37/04, B 21J 13/03
72/481.3	B 21J 15/36, B 21D 5/0209, B 21D 5/0236, B 21J 15/18, B 21C 3/16
72/481.4	B 21J 13/03, B 21D 37/14, B 21J 7/08, B 23K 35/404, B 25B 5/08
72/481.5	B 21J 15/36, B 21D 1/06, B 21D 1/065, B 21D 1/14, B 21D 11/10
72/481.6	B 21D 5/0209, B 21D 5/0236, B 21J 15/36, B 21C

	37/153, B 21D 1/10
72/481.7	B 21D 5/0209, B 21D 5/0236, B 21D 5/04, B 21D 5/042, B 21D 22/30
72/481.8	B 21D 5/0209, B 21D 5/0236, B 21D 15/04, B 21D 28/06, B 21D 28/34
72/481.9	A 61C 13/0003, A 61C 13/0021, B 21D 5/015, B 21D 5/0209, B 21D 5/0236
72/482.1	B 21D 5/0209, B 21J 13/03, B 21J 13/085, B 21J 15/36, B 21J 15/46
72/482.2	B 21D 5/0209, B 21D 5/0236, B 25B 5/08, B 30B 15/026, B 21D 37/14
72/482.3	B 21D 5/0209, B 21D 5/0236, B 21B 25/00, B 21D 5/0272, B 21D 5/04
72/482.4	B 21J 15/46, B 21J 15/36, B 21J 13/03, B 21C 1/26, B 21C 3/16
72/482.5	B 21J 13/03, B 21D 28/34, B 21J 13/02, B 21J 13/06
72/482.6	B 21J 15/36, B 21J 15/46, B 21D 37/14
72/482.7	B 21J 15/42
72/482.8	B 21C 3/12, B 21J 15/36, H 01R 43/04
72/482.9	B 21D 22/10
72/482.91	B 21D 5/0209, B 21D 5/0236, B 25C 5/0207, B 21D 1/12, B 21D 22/06
72/482.92	B 21D 37/04, B 21J 15/36, B 21D 5/0209, B 21D 28/34, B 21J 15/383
72/482.93	B 21J 15/36, B 21D 5/0209, B 21D 28/34, B 21D 37/14, B 21B 25/00
72/482.94	B 21D 1/06, B 21J 19/04, B 23P 15/406, B 25D 1/02, B 25D 2250/105
72/483	B 25H 1/0007, B 21B 25/02, B 21B 31/02, B 21B 31/08, B 21B 43/003
72/700	B 21B 3/00, B 21J 5/00, C 21D 8/00, C 21D 8/005, C 21D 8/06

72/701	B 21D 7/08, B 21B 1/26, B 21F 3/04, B 21B 13/04, B 21D 5/0272
72/702	B 21D 5/02, B 21D 7/024, B 21D 7/14, G 05B 19/41, G 05B 2219/36486
72/703	B 23B 27/24, B 21H 7/14, B 23P 15/105, B 23P 9/02, B 21D 51/50
72/704	B 21D 1/12, B 21D 1/14, B 62D 17/00, B 25B 27/0035, B 25B 27/30
72/705	B 21D 1/14, B 21D 1/06, B 21D 1/12, B 21D 1/145, A 62B 3/005
72/706	B 21D 26/08, B 21D 39/042, B 23K 20/085, F 42D 3/00, B 01J 3/08
72/707	B 21D 26/14, B 30B 1/42, B 21D 1/06, B 21D 22/02, B 21D 26/12
72/708	B 21D 22/24, B 21D 1/12, B 21D 51/26, B 21D 51/44, B 65H 75/187
72/709	B 21D 26/055, B 21D 37/16, B 21D 26/033, C 22F 1/00, C 22F 1/10
72/710	C 21D 10/00, B 21D 35/008, B 23P 9/04, B 24C 5/005, C 21D 7/04
72/711	B 21C 23/007, B 21C 23/22, B 21J 5/00, B 21B 1/22, B 21B 3/00
72/712	H 01R 43/055, H 01R 43/048, H 01R 43/0488, H 01R 43/058, H 01R 43/0486
72/713	B 21K 1/063, B 21K 1/12, B 21D 53/84, B 21D 53/845, B 21D 53/90
72/714	F 16D 3/2055, B 21D 17/02, B 21D 53/84, B 21K 1/765, F 16D 3/223
72/715	B 21D 51/32, B 21D 51/38, B 21D 51/44, B 65D 7/36, B 65D 2517/0062

Most statistically relevant CPC Subclasses

B 21D, B 21C, B 21B, F 16P, G 05B, B 21F, B 21J, G 11B, H 02K, B 29C, B 21H, C 10M, H 01L, B 24C, B 23P, B 24B, B 25B, C 21D, B 21K, F 16C, E 04B, F 28F, B 60G, A 01K, A 61B, H 01R, F 16G, B 30B, F 15B, B 31F, F 16D