

Statistical mapping of USPC to CPC for Class 445

| USPC Subclass | Most statistically relevant CPC groups |
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| 445/1 | H 01J 29/06, C 03C 23/00, C 10L 1/326, C 22C 1/0433, G 02F 1/1341 |
| 445/2 | H 01J 9/50, H 01J 9/52, H 01J 9/505, H 01J 2893/0072, B 03B 9/062 |
| 445/3 | H 01J 9/42, H 01J 9/44, H 01J 9/244, H 01J 9/18, H 01J 29/073 |
| 445/4 | H 01J 9/44, H 01K 3/00, H 01T 21/02, H 01J 9/244, H 01J 9/42 |
| 445/5 | H 01J 9/445, H 01J 9/44, H 01J 9/38, H 01J 29/81, H 01J 3/026 |
| 445/6 | H 01J 9/027, H 01J 9/445, H 01J 2201/3165, H 01J 1/316, H 01J 31/127 |
| 445/7 | H 01T 21/02, H 01T 13/39, H 01T 13/34, H 01T 13/32, H 01T 13/20 |
| 445/8 | H 01J 29/87, H 01J 2229/875, H 01J 9/244, B 60G 2300/083, C 03B 27/065 |
| 445/9 | H 01J 9/395, H 01J 61/28, H 01J 61/72, H 01J 61/20, H 01J 61/24 |
| 445/10 | H 01J 9/12, H 01J 9/395, H 01J 9/38, H 01J 29/94, H 01J 31/501 |
| 445/11 | H 01J 9/12, H 01J 40/06, H 01J 9/125, H 01J 9/39, H 01J 29/28 |
| 445/12 | H 01J 40/06, H 01J 9/042, H 01J 9/395, H 01J 1/14, H 01J 7/18 |
| 445/13 | H 01J 9/045, H 01J 9/12, H 01J 2201/32, H 01J 40/06, H 01J 2201/34 |
| 445/14 | H 01J 9/233, H 01J 9/025, H 01J 9/042, H 01J 9/125, H 01J 2201/32 |
| 445/15 | H 01J 7/186, H 01J 9/12, H 01J 9/38, H 01J 9/395, H 01J 35/101 |
| 445/16 | H 01J 9/395, H 01J 9/38, H 01J 9/385, H 01J 29/94, H 01K 3/22 |

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| 445/17 | H 01J 9/045, H 01J 9/395, H 01J 29/94, H 01J 9/042, H 01J 9/12 |
| 445/18 | H 01J 9/395, H 01J 7/186, H 01J 17/066, H 01J 2893/0066, B 22F 9/08 |
| 445/19 | H 01J 9/39, H 01J 29/94, H 01J 7/18, H 01J 7/186, H 01J 9/395 |
| 445/20 | H 01J 7/18, H 01J 7/183, H 01J 9/04, H 01J 9/042, H 01J 9/395 |
| 445/21 | H 01J 9/395, H 01J 7/183, H 01J 9/042, H 01J 61/18, H 01K 1/56 |
| 445/22 | H 01J 9/247, H 01J 9/244, H 01J 9/20, H 01J 9/38, H 01J 61/325 |
| 445/23 | H 01L 51/5237, H 01L 51/56, H 01L 27/3246, H 01L 27/322, H 01L 27/3244 |
| 445/24 | H 01J 9/025, H 01J 9/242, H 01J 9/185, H 01J 2329/00, H 01J 31/127 |
| 445/25 | H 01J 9/261, H 01L 51/5237, H 01J 2329/00, H 01J 9/241, H 01L 51/56 |
| 445/26 | H 01J 9/247, H 01J 9/323, H 01J 9/326, H 01J 9/38, H 01J 61/368 |
| 445/27 | H 01K 3/00, H 01K 3/20, H 01K 3/22, H 01J 9/34, H 01J 9/247 |
| 445/28 | F 21K 5/02, H 01J 35/101, H 01J 35/06, H 01J 35/16, H 01J 2235/1013 |
| 445/29 | H 01J 23/26, H 01J 19/46, H 01J 1/18, H 01J 9/02, H 01J 9/12 |
| 445/30 | H 01J 29/073, H 01J 9/142, H 01J 2229/0722, H 01J 2229/0716, H 01J 9/00 |
| 445/31 | H 01J 29/94, H 01J 1/025, H 01J 7/18, H 01J 7/183, H 01J 9/02 |
| 445/32 | H 01K 3/00, H 01K 1/18, H 01K 3/02, H 01K 1/16, H 01K 3/06 |
| 445/33 | H 01J 19/46, H 01J 2893/0006, H 01J 19/38, C 04B 37/026, H 01J 5/26 |
| 445/34 | H 01J 9/18, H 01J 29/485, H 01J 29/82, H 01J |

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| | 2209/185, H 01J 19/46 |
| 445/35 | H 01J 19/00, H 01J 9/04, H 01J 2893/0022, H 01J 2893/0024, H 01J 19/46 |
| 445/36 | H 01J 9/04, H 01J 9/18, H 01J 31/065, H 01J 9/02, H 01J 9/14 |
| 445/37 | H 01J 9/142, H 01J 2229/0722, H 01J 29/81, H 01J 9/16, H 01J 2229/0761 |
| 445/38 | H 01J 9/38, H 01J 9/12, H 01J 9/00, H 01J 9/20, H 01J 61/125 |
| 445/39 | C 03C 27/10, H 01J 9/263, H 01J 9/38, H 01J 9/39, H 01J 9/395 |
| 445/40 | H 01J 9/38, H 01J 9/385, H 01J 9/244, H 01J 9/39, H 01J 19/30 |
| 445/41 | H 01J 2209/385, H 01J 9/38, H 01J 29/94, H 01J 7/186, H 01J 2329/00 |
| 445/42 | H 01J 9/38, H 01J 5/02, H 01J 9/20, H 01J 9/233, H 01J 9/263 |
| 445/43 | H 01J 9/40, H 01J 9/38, H 01J 5/24, H 01J 5/26, H 01J 9/263 |
| 445/44 | H 01J 5/26, H 01J 5/32, C 04B 37/026, C 04B 2235/6581, C 04B 2237/125 |
| 445/45 | H 01J 9/263, H 01J 9/2272, H 01J 9/244, C 03B 23/217, C 03B 29/06 |
| 445/46 | H 01J 9/02, H 01J 9/025, H 01J 2201/30469, B 82Y 10/00, H 01J 17/066 |
| 445/47 | H 01J 9/142, H 01J 29/07, H 01J 9/146, H 01J 29/81, H 01J 2229/0777 |
| 445/48 | H 01K 3/02, H 01J 9/04, H 01K 1/14, H 01K 1/08, H 01K 3/04 |
| 445/49 | H 01J 9/025, H 01J 1/304, H 01J 2201/30469, H 01J 9/14, H 01J 9/02 |
| 445/50 | H 01J 9/025, B 82Y 10/00, H 01J 2201/30469, H 01J 1/304, H 01J 9/047 |
| 445/51 | H 01J 9/025, H 01J 9/042, B 82Y 10/00, H 01J 2201/30469, H 01J 1/304 |

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| 445/52 | H 01J 29/085, H 01J 9/20, H 01J 9/025, H 01J 9/14, H 01J 9/227 |
| 445/53 | H 01J 9/395, H 01J 9/385, H 01K 3/22, H 01J 9/40, H 01J 17/066 |
| 445/54 | H 01J 9/38, H 01J 9/385, H 01J 9/395, H 01K 3/22, H 05H 3/06 |
| 445/55 | H 01J 7/183, H 01J 29/94, H 01J 7/18, H 01J 9/38, H 01J 7/186 |
| 445/56 | H 01J 9/385, H 01J 9/38, H 01K 3/22, H 01J 9/045, H 01J 47/08 |
| 445/57 | H 01J 9/385, H 01J 9/39, H 01J 9/395, H 01J 9/025, H 01J 9/04 |
| 445/58 | H 01J 9/20, H 01J 61/35, H 01J 9/247, F 01N 3/0892, H 01J 5/08 |
| 445/59 | H 01J 9/38, H 01J 9/02, H 01J 9/39, H 01J 31/127, H 01J 2209/017 |
| 445/60 | H 01J 9/38, H 01J 2329/00, H 01J 9/142, H 01J 9/2272, H 01J 9/30 |
| 445/61 | H 01J 9/50, H 01J 9/505, H 01J 2893/0072, H 01J 9/42, B 25B 7/00 |
| 445/62 | H 01J 9/445, H 01J 9/027, H 01J 9/045, C 23C 16/04, C 23C 16/26 |
| 445/63 | H 01J 9/18, H 01J 9/42, H 01J 9/44, H 01J 2209/185, G 09G 3/006 |
| 445/64 | H 01K 3/20, H 01J 9/34, H 01J 9/42, F 21V 19/0005, G 01N 21/94 |
| 445/65 | C 03B 23/065, H 01J 9/00, H 01J 9/003, H 01J 9/247, H 01J 9/46 |
| 445/66 | H 01J 9/46, H 01T 21/02, H 01J 9/242, H 01J 9/48, H 01J 29/87 |
| 445/67 | H 01J 19/46, H 01J 2893/0006, H 01J 2893/0007, H 01J 9/18, H 01K 3/10 |
| 445/68 | H 01J 29/073, H 01J 9/00, H 01J 9/142, H 01J 9/46, H 01J 9/18 |
| 445/69 | H 01J 9/28, H 01K 3/10, H 01J 9/30, H 01J 9/46, |

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| | H 01J 2893/0096 |
| 445/70 | H 01J 9/38, H 01J 9/385, H 01J 9/395, H 01J 5/24, H 01J 9/40 |
| 445/71 | H 01J 9/46, H 01J 5/24, H 01J 2893/0039, H 01J 2893/0096, H 01J 19/46 |
| 445/72 | H 01J 9/38, B 28B 1/26, H 01J 9/247, H 01J 9/30, H 01J 9/39 |
| 445/73 | H 01J 9/38, H 01J 9/385, H 01J 7/18, H 01J 9/12, H 01J 9/20 |

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| Most statistically relevant CPC Subclasses |
| H 01J, H 01T, H 01L, H 01K, C 04B |