Table 1. Labour flows between industries observed between the years 2009 and 2013. In this case, a “flow” is defined as the consecutive pair of industries observed for a worker on the ASHE\* dataset within the space of 2 years. The first column on the table is the 4-digit SIC classification for the initial industry in the flow, the second column is the 4-digit SIC classification for the final industry in the flow. The third column is the aggregated count of flows observed for that pair of industries in the above mentioned dataset.

## \* Office for National Statistics. (2019). *Annual Survey of Hours and Earnings, 1997-2018: Secure Access*. [data collection]. *14th Edition.* UK Data Service. SN: 6689, <http://doi.org/10.5255/UKDA-SN-6689-13>

|  |  |  |
| --- | --- | --- |
| Initial Industry | Final Industry | Counts |
| 8520 | 8520 | 10210 |
| 8610 | 8610 | 6655 |
| 6419 | 6419 | 3370 |
| 4711 | 4711 | 3289 |
| 5310 | 5310 | 2065 |
| 8424 | 8424 | 1642 |
| 4771 | 4771 | 1638 |
| 8520 | 8531 | 1490 |
| 7820 | 7820 | 1436 |
| 5610 | 5610 | 1335 |
| 8411 | 8411 | 1297 |
| 8690 | 8690 | 1167 |
| 8542 | 8542 | 1153 |
| 8520 | 8411 | 1122 |
| 8430 | 8413 | 1028 |
| 8413 | 8430 | 1018 |
| 8121 | 8121 | 959 |
| 4719 | 4719 | 866 |
| 8899 | 8899 | 860 |
| 8411 | 8520 | 805 |
| 6910 | 6910 | 789 |
| 8690 | 8610 | 761 |
| 4120 | 4120 | 744 |
| 7112 | 7112 | 705 |
| 6190 | 6190 | 689 |
| 8610 | 8690 | 654 |
| 6920 | 6920 | 652 |
| 5621 | 5629 | 645 |
| 5630 | 5630 | 643 |
| 4931 | 4931 | 580 |
| 6820 | 6820 | 562 |
| 4511 | 4511 | 518 |
| 8010 | 8010 | 512 |
| 6202 | 6202 | 503 |
| 5221 | 5221 | 463 |
| 4941 | 4941 | 450 |
| 5320 | 5320 | 434 |
| 8810 | 8810 | 430 |
| 8790 | 8790 | 416 |
| 3513 | 3513 | 391 |
| 9200 | 9200 | 385 |
| 6622 | 6622 | 379 |
| 7022 | 7022 | 379 |
| 8532 | 8532 | 378 |
| 5510 | 5510 | 375 |
| 7820 | 8610 | 372 |
| 8730 | 8730 | 371 |
| 8610 | 7820 | 369 |
| 8531 | 8520 | 361 |
| 5621 | 5621 | 360 |
| 4299 | 4120 | 325 |
| 4299 | 4299 | 325 |
| 8710 | 8710 | 315 |
| 8423 | 8423 | 315 |
| 6512 | 6512 | 302 |
| 5320 | 5210 | 290 |
| 4673 | 4673 | 282 |
| 4321 | 4321 | 281 |
| 4711 | 8520 | 277 |
| 8520 | 8899 | 277 |
| 8531 | 8531 | 274 |
| 6209 | 6209 | 274 |
| 4941 | 5320 | 274 |
| 3522 | 3522 | 266 |
| 8110 | 8110 | 266 |
| 3511 | 3513 | 265 |
| 8891 | 8891 | 259 |
| 3030 | 3030 | 257 |
| 8559 | 8559 | 257 |
| 8621 | 8621 | 249 |
| 8610 | 8710 | 248 |
| 8690 | 8412 | 247 |
| 8730 | 8710 | 242 |
| 8520 | 4711 | 239 |
| 4754 | 4754 | 238 |
| 6831 | 6831 | 238 |
| 8899 | 8520 | 236 |
| 4520 | 4520 | 234 |
| 7911 | 7911 | 232 |
| 3513 | 3511 | 228 |
| 7219 | 7219 | 227 |
| 8412 | 8690 | 219 |
| 5210 | 5210 | 217 |
| 6629 | 8220 | 213 |
| 8520 | 8610 | 198 |
| 6619 | 6619 | 198 |
| 8425 | 8425 | 196 |
| 7810 | 7820 | 193 |
| 4321 | 4299 | 192 |
| 4910 | 4910 | 190 |
| 6629 | 6629 | 183 |
| 8422 | 8422 | 182 |
| 8412 | 8412 | 181 |
| 5911 | 6020 | 178 |
| 8520 | 8121 | 177 |
| 6511 | 6511 | 176 |
| 7820 | 8520 | 175 |
| 8121 | 7010 | 175 |
| 5610 | 4711 | 173 |
| 8610 | 8621 | 171 |
| 4752 | 4752 | 171 |
| 8790 | 8730 | 169 |
| 4778 | 4778 | 168 |
| 8423 | 8110 | 168 |
| 8121 | 8520 | 165 |
| 5223 | 5223 | 164 |
| 8412 | 8610 | 158 |
| 6201 | 6201 | 157 |
| 8559 | 8532 | 155 |
| 8299 | 8299 | 154 |
| 5610 | 5630 | 153 |
| 6419 | 6629 | 152 |
| 6612 | 6419 | 147 |
| 9311 | 9311 | 147 |
| 6832 | 6832 | 147 |
| 4669 | 4669 | 145 |
| 4759 | 4759 | 145 |
| 5630 | 5610 | 145 |
| 3600 | 3600 | 144 |
| 8110 | 8220 | 140 |
| 4939 | 4931 | 139 |
| 8610 | 8412 | 139 |
| 8730 | 8790 | 138 |
| 8520 | 7820 | 138 |
| 8710 | 8610 | 137 |
| 9499 | 9499 | 137 |
| 8891 | 8520 | 136 |
| 8730 | 8810 | 134 |
| 8520 | 8891 | 134 |
| 4772 | 4772 | 134 |
| 4771 | 4711 | 133 |
| 8520 | 8532 | 133 |
| 3811 | 3811 | 133 |
| 2910 | 2910 | 133 |
| 2120 | 2120 | 132 |
| 4646 | 4646 | 132 |
| 8542 | 8610 | 131 |
| 8610 | 8520 | 129 |
| 4773 | 4773 | 128 |
| 8621 | 8610 | 127 |
| 4399 | 4399 | 127 |
| 8520 | 8810 | 126 |
| 4931 | 4939 | 126 |
| 3511 | 3511 | 126 |
| 5813 | 5813 | 125 |
| 4120 | 4221 | 125 |
| 7820 | 4711 | 122 |
| 4639 | 4639 | 121 |
| 4764 | 4764 | 121 |
| 8520 | 8542 | 120 |
| 8790 | 8810 | 120 |
| 4771 | 8520 | 119 |
| 8121 | 8110 | 117 |
| 2120 | 7219 | 114 |
| 5814 | 5814 | 114 |
| 8423 | 8411 | 113 |
| 7311 | 7311 | 113 |
| 4322 | 4322 | 113 |
| 4724 | 4724 | 112 |
| 4762 | 4762 | 112 |
| 5630 | 8520 | 111 |
| 8710 | 8730 | 111 |
| 7500 | 7500 | 111 |
| 9602 | 9602 | 111 |
| 9312 | 9312 | 110 |
| 1812 | 1812 | 110 |
| 8720 | 8610 | 109 |
| 7022 | 7112 | 109 |
| 4531 | 4531 | 109 |
| 6311 | 6311 | 109 |
| 7320 | 7320 | 109 |
| 5229 | 5229 | 109 |
| 5630 | 4711 | 108 |
| 7820 | 6419 | 108 |
| 7219 | 2120 | 108 |
| 7010 | 7010 | 108 |
| 4651 | 4651 | 107 |
| 1071 | 1071 | 107 |
| 8220 | 8220 | 106 |
| 4711 | 7820 | 105 |
| 6202 | 6201 | 105 |
| 5630 | 5510 | 105 |
| 8532 | 8520 | 104 |
| 8899 | 8710 | 104 |
| 1089 | 1085 | 104 |
| 4711 | 5610 | 104 |
| 8520 | 9700 | 104 |
| 8520 | 8790 | 102 |
| 8520 | 8110 | 102 |
| 8730 | 8610 | 101 |
| 9609 | 9609 | 101 |
| 7810 | 7810 | 100 |
| 6419 | 6619 | 100 |
| 1082 | 1082 | 100 |
| 8790 | 8520 | 99 |
| 1039 | 1085 | 99 |
| 4742 | 4742 | 99 |
| 8623 | 8623 | 99 |
| 7732 | 7732 | 97 |
| 2651 | 2651 | 95 |
| 8010 | 8110 | 95 |
| 3011 | 3011 | 94 |
| 8810 | 8520 | 93 |
| 4711 | 8610 | 93 |
| 8810 | 8710 | 93 |
| 4711 | 4719 | 93 |
| 7111 | 7111 | 93 |
| 6190 | 6120 | 93 |
| 8610 | 8542 | 92 |
| 8520 | 8559 | 92 |
| 6492 | 6492 | 92 |
| 8810 | 8790 | 91 |
| 8730 | 8899 | 91 |
| 4711 | 5630 | 91 |
| 4711 | 4771 | 90 |
| 4511 | 4520 | 90 |
| 5510 | 5610 | 90 |
| 8520 | 8730 | 89 |
| 5530 | 5530 | 89 |
| 6020 | 6020 | 88 |
| 2811 | 2811 | 88 |
| 6612 | 6612 | 87 |
| 5621 | 5610 | 87 |
| 9700 | 8520 | 86 |
| 7820 | 8810 | 85 |
| 8411 | 8423 | 85 |
| 8520 | 5630 | 85 |
| 8542 | 8520 | 84 |
| 8730 | 8520 | 84 |
| 7711 | 7711 | 84 |
| 6820 | 8730 | 83 |
| 8899 | 8810 | 83 |
| 8790 | 8899 | 82 |
| 5229 | 5210 | 82 |
| 4645 | 4645 | 81 |
| 8520 | 8690 | 80 |
| 4649 | 4649 | 80 |
| 8110 | 8121 | 80 |
| 8790 | 8610 | 79 |
| 8899 | 8790 | 79 |
| 8520 | 4771 | 79 |
| 4520 | 4511 | 79 |
| 9491 | 9491 | 79 |
| 4777 | 4777 | 79 |
| 9700 | 9700 | 79 |
| 8899 | 8730 | 78 |
| 8610 | 8810 | 78 |
| 5610 | 5621 | 78 |
| 8532 | 8559 | 78 |
| 8121 | 4711 | 76 |
| 8610 | 8730 | 76 |
| 8810 | 8899 | 76 |
| 4775 | 4775 | 76 |
| 8559 | 8520 | 75 |
| 8430 | 8430 | 73 |
| 7820 | 7810 | 73 |
| 6419 | 4711 | 72 |
| 4719 | 4711 | 72 |
| 7739 | 7739 | 72 |
| 5610 | 4771 | 72 |
| 9311 | 8411 | 71 |
| 8541 | 8541 | 71 |
| 5911 | 6130 | 71 |
| 5621 | 8520 | 70 |
| 5610 | 7820 | 70 |
| 8690 | 8810 | 70 |
| 8621 | 8690 | 70 |
| 8610 | 8899 | 70 |
| 8810 | 8610 | 69 |
| 4791 | 4791 | 69 |
| 5911 | 5911 | 69 |
| 8520 | 9311 | 69 |
| 5610 | 8520 | 68 |
| 5610 | 5510 | 68 |
| 5110 | 5110 | 68 |
| 7490 | 7490 | 68 |
| 4771 | 4719 | 68 |
| 5510 | 5630 | 68 |
| 8899 | 8610 | 67 |
| 8412 | 8411 | 67 |
| 8541 | 8532 | 67 |
| 4711 | 8121 | 67 |
| 4531 | 4532 | 67 |
| 4776 | 4776 | 67 |
| 4329 | 4329 | 66 |
| 8810 | 8730 | 66 |
| 5629 | 5629 | 66 |
| 5630 | 7820 | 66 |
| 4674 | 4673 | 66 |
| 8899 | 8891 | 66 |
| 4674 | 4674 | 66 |
| 8790 | 8710 | 65 |
| 8610 | 8790 | 65 |
| 4639 | 4690 | 65 |
| 2540 | 2540 | 65 |
| 2562 | 2562 | 64 |
| 8520 | 8425 | 64 |
| 6629 | 6622 | 63 |
| 2410 | 2410 | 63 |
| 4332 | 4332 | 63 |
| 4719 | 4771 | 62 |
| 8542 | 8532 | 62 |
| 7120 | 7120 | 62 |
| 3600 | 8110 | 62 |
| 8690 | 8520 | 61 |
| 8532 | 8542 | 61 |
| 1089 | 1012 | 61 |
| 4761 | 4763 | 61 |
| 8790 | 8622 | 60 |
| 8520 | 5621 | 60 |
| 6202 | 6209 | 60 |
| 4941 | 5210 | 60 |
| 8720 | 8720 | 60 |
| 8411 | 9311 | 60 |
| 4719 | 8520 | 59 |
| 6832 | 8520 | 59 |
| 1920 | 4671 | 59 |
| 6201 | 6209 | 59 |
| 4771 | 5630 | 59 |
| 4531 | 5320 | 59 |
| 1721 | 1721 | 59 |
| 7112 | 4120 | 58 |
| 8121 | 7820 | 58 |
| 8129 | 8129 | 58 |
| 8520 | 6820 | 57 |
| 2120 | 8690 | 57 |
| 7820 | 8121 | 57 |
| 6512 | 6622 | 57 |
| 4791 | 5320 | 57 |
| 9499 | 8520 | 56 |
| 4120 | 4299 | 56 |
| 1051 | 1051 | 56 |
| 4633 | 1051 | 56 |
| 6419 | 8520 | 55 |
| 5510 | 4711 | 55 |
| 7490 | 7112 | 55 |
| 4711 | 6419 | 55 |
| 8411 | 8424 | 55 |
| 7820 | 5210 | 55 |
| 4690 | 4690 | 55 |
| 7112 | 7022 | 55 |
| 6420 | 4110 | 55 |
| 8110 | 8520 | 54 |
| 8520 | 8710 | 54 |
| 8710 | 8790 | 54 |
| 4666 | 4666 | 54 |
| 8810 | 8690 | 54 |
| 6820 | 8520 | 53 |
| 9312 | 8520 | 53 |
| 4771 | 8610 | 53 |
| 8110 | 7112 | 53 |
| 7820 | 6920 | 53 |
| 7022 | 7820 | 53 |
| 8520 | 9312 | 53 |
| 4634 | 4634 | 53 |
| 6391 | 6391 | 53 |
| 7820 | 8899 | 52 |
| 8520 | 9499 | 52 |
| 9311 | 8520 | 51 |
| 5610 | 8610 | 51 |
| 7820 | 8690 | 51 |
| 8520 | 5610 | 51 |
| 5811 | 5811 | 51 |
| 8891 | 8899 | 50 |
| 4762 | 4778 | 50 |
| 4771 | 4772 | 50 |
| 4222 | 4222 | 50 |
| 8610 | 4711 | 49 |
| 6832 | 6820 | 49 |
| 9412 | 9412 | 49 |
| 8810 | 7820 | 49 |
| 6209 | 6202 | 49 |
| 8520 | 8424 | 49 |
| 1089 | 1013 | 49 |
| 8010 | 5629 | 48 |
| 6201 | 6202 | 48 |
| 1012 | 1013 | 48 |
| 6621 | 6621 | 48 |
| 8121 | 8610 | 47 |
| 4120 | 4321 | 47 |
| 6622 | 6629 | 47 |
| 4532 | 4532 | 47 |
| 4651 | 9511 | 47 |
| 4771 | 7820 | 46 |
| 4652 | 4652 | 46 |
| 7820 | 5610 | 46 |
| 6512 | 6629 | 45 |
| 9601 | 9601 | 45 |
| 5630 | 8610 | 44 |
| 7820 | 8299 | 44 |
| 6419 | 7820 | 44 |
| 7820 | 5630 | 44 |
| 1013 | 1013 | 44 |
| 5621 | 4711 | 43 |
| 7500 | 8411 | 43 |
| 6492 | 6419 | 43 |
| 8121 | 5629 | 43 |
| 4671 | 4671 | 43 |
| 4753 | 4753 | 43 |
| 5621 | 8121 | 43 |
| 4939 | 4939 | 43 |
| 4730 | 4730 | 43 |
| 2511 | 2511 | 43 |
| 4711 | 8730 | 42 |
| 4321 | 4120 | 42 |
| 5630 | 4771 | 42 |
| 8690 | 8621 | 42 |
| 1089 | 1089 | 42 |
| 8121 | 8129 | 42 |
| 8510 | 8520 | 41 |
| 4719 | 8610 | 41 |
| 7820 | 8730 | 41 |
| 4771 | 6419 | 41 |
| 4719 | 7820 | 41 |
| 8720 | 8810 | 41 |
| 1013 | 1089 | 41 |
| 8121 | 5610 | 41 |
| 8730 | 6820 | 40 |
| 8520 | 6920 | 40 |
| 7820 | 8542 | 40 |
| 8520 | 8299 | 40 |
| 4764 | 4771 | 40 |
| 8121 | 5621 | 40 |
| 7820 | 4941 | 40 |
| 2223 | 2223 | 40 |
| 5629 | 8121 | 40 |
| 6629 | 6512 | 40 |
| 8411 | 7500 | 40 |
| 8413 | 8413 | 40 |
| 2361 | 2363 | 40 |
| 6920 | 8520 | 39 |
| 6619 | 6419 | 39 |
| 8559 | 8531 | 39 |
| 8790 | 7820 | 39 |
| 8411 | 8899 | 39 |
| 4649 | 6420 | 39 |
| 6420 | 6420 | 39 |
| 8520 | 8510 | 39 |
| 4779 | 4779 | 39 |
| 8130 | 8130 | 39 |
| 8710 | 8520 | 38 |
| 7810 | 8520 | 38 |
| 5510 | 8520 | 38 |
| 4322 | 4120 | 38 |
| 3030 | 2651 | 38 |
| 6920 | 7820 | 38 |
| 8730 | 7820 | 38 |
| 4711 | 8810 | 38 |
| 8710 | 8810 | 38 |
| 4711 | 5510 | 38 |
| 8532 | 8541 | 38 |
| 4339 | 4339 | 38 |
| 8425 | 8520 | 37 |
| 8690 | 8710 | 37 |
| 8542 | 7820 | 37 |
| 4941 | 7820 | 37 |
| 8531 | 8532 | 37 |
| 7112 | 7490 | 37 |
| 8520 | 4719 | 37 |
| 4771 | 5610 | 37 |
| 8790 | 8720 | 37 |
| 7820 | 7022 | 37 |
| 4110 | 4110 | 37 |
| 4771 | 4764 | 37 |
| 3821 | 3821 | 37 |
| 7022 | 6920 | 36 |
| 8532 | 8531 | 36 |
| 7820 | 4771 | 36 |
| 3250 | 3250 | 36 |
| 4120 | 3600 | 36 |
| 8129 | 8121 | 36 |
| 6419 | 6512 | 36 |
| 2361 | 7010 | 36 |
| 4211 | 4211 | 36 |
| 3521 | 3521 | 36 |
| 1039 | 1039 | 36 |
| 6130 | 6130 | 36 |
| 4711 | 8542 | 35 |
| 8520 | 6419 | 35 |
| 6511 | 6419 | 35 |
| 5510 | 7820 | 35 |
| 4772 | 4771 | 35 |
| 8121 | 8010 | 35 |
| 5610 | 8121 | 35 |
| 8121 | 5630 | 35 |
| 4711 | 4730 | 35 |
| 2363 | 2363 | 35 |
| 8730 | 8720 | 35 |
| 4633 | 4633 | 35 |
| 8110 | 7022 | 35 |
| 4120 | 4110 | 35 |
| 3822 | 3822 | 35 |
| 7022 | 8520 | 34 |
| 4762 | 4711 | 34 |
| 7820 | 6190 | 34 |
| 8710 | 8690 | 34 |
| 4711 | 9200 | 34 |
| 4711 | 5621 | 34 |
| 7820 | 4719 | 34 |
| 2229 | 2229 | 34 |
| 3011 | 6420 | 34 |
| 5630 | 8121 | 34 |
| 4672 | 4672 | 34 |
| 7820 | 5320 | 34 |
| 8520 | 7022 | 34 |
| 4642 | 4642 | 34 |
| 4764 | 4711 | 33 |
| 8110 | 4120 | 33 |
| 7820 | 8790 | 33 |
| 8520 | 5629 | 33 |
| 8899 | 7820 | 33 |
| 8559 | 7820 | 33 |
| 5222 | 5222 | 33 |
| 7820 | 2910 | 33 |
| 8542 | 8559 | 33 |
| 8531 | 8559 | 33 |
| 7219 | 8542 | 32 |
| 6820 | 8790 | 32 |
| 4642 | 4771 | 32 |
| 8790 | 8690 | 32 |
| 4711 | 8899 | 32 |
| 4531 | 4511 | 32 |
| 2932 | 2932 | 32 |
| 4321 | 2562 | 32 |
| 6420 | 2562 | 32 |
| 7112 | 4321 | 32 |
| 8520 | 8541 | 32 |
| 1623 | 1623 | 32 |
| 6630 | 6630 | 32 |
| 5510 | 8121 | 32 |
| 9001 | 9001 | 32 |
| 2562 | 7112 | 31 |
| 7820 | 6820 | 31 |
| 7219 | 6920 | 31 |
| 7820 | 8710 | 31 |
| 8710 | 7820 | 31 |
| 8891 | 8810 | 31 |
| 7820 | 8532 | 31 |
| 7820 | 6202 | 31 |
| 7820 | 5510 | 31 |
| 4646 | 7219 | 31 |
| 2042 | 7219 | 31 |
| 5621 | 5630 | 31 |
| 6622 | 6512 | 31 |
| 8110 | 3011 | 31 |
| 7010 | 811 | 31 |
| 4120 | 8520 | 30 |
| 7820 | 8411 | 30 |
| 8299 | 7820 | 30 |
| 8690 | 7820 | 30 |
| 6420 | 4649 | 30 |
| 4631 | 4631 | 30 |
| 2829 | 2829 | 30 |
| 9104 | 9104 | 30 |
| 7820 | 8559 | 30 |
| 8899 | 8559 | 30 |
| 2363 | 2361 | 30 |
| 3700 | 3700 | 30 |
| 4321 | 8110 | 30 |
| 9511 | 9511 | 30 |
| 510 | 510 | 30 |
| 4741 | 4741 | 30 |
| 8412 | 8520 | 29 |
| 4742 | 6190 | 29 |
| 4120 | 6820 | 29 |
| 4711 | 8531 | 29 |
| 8520 | 5510 | 29 |
| 9499 | 8899 | 29 |
| 7820 | 4791 | 29 |
| 1101 | 1101 | 29 |
| 4711 | 9499 | 29 |
| 5320 | 4941 | 29 |
| 8291 | 8291 | 29 |
| 7820 | 6910 | 29 |
| 1071 | 4724 | 29 |
| 4321 | 7022 | 29 |
| 5814 | 5811 | 29 |
| 9102 | 9102 | 29 |
| 8520 | 6832 | 29 |
| 4799 | 4799 | 29 |
| 7112 | 8520 | 28 |
| 5629 | 8520 | 28 |
| 8541 | 8520 | 28 |
| 6820 | 4120 | 28 |
| 8690 | 8790 | 28 |
| 5621 | 8899 | 28 |
| 1105 | 4634 | 28 |
| 4674 | 4690 | 28 |
| 1071 | 1039 | 28 |
| 2446 | 2446 | 28 |
| 210 | 210 | 28 |
| 9200 | 8520 | 27 |
| 7820 | 7112 | 27 |
| 4711 | 6920 | 27 |
| 6419 | 6920 | 27 |
| 8899 | 8542 | 27 |
| 5630 | 8542 | 27 |
| 8520 | 4120 | 27 |
| 8542 | 8531 | 27 |
| 8532 | 7820 | 27 |
| 8121 | 8810 | 27 |
| 6209 | 6201 | 27 |
| 6612 | 6619 | 27 |
| 7820 | 7311 | 27 |
| 4322 | 4321 | 27 |
| 8510 | 8510 | 27 |
| 2712 | 2712 | 27 |
| 5914 | 5914 | 27 |
| 9312 | 9313 | 27 |
| 2361 | 2332 | 27 |
| 8621 | 8520 | 26 |
| 9609 | 8520 | 26 |
| 8531 | 4711 | 26 |
| 8810 | 4711 | 26 |
| 4941 | 4711 | 26 |
| 8891 | 4711 | 26 |
| 5813 | 4711 | 26 |
| 8623 | 8610 | 26 |
| 8520 | 7112 | 26 |
| 8790 | 6820 | 26 |
| 5630 | 6419 | 26 |
| 5210 | 7820 | 26 |
| 4616 | 4771 | 26 |
| 5630 | 9312 | 26 |
| 8520 | 9200 | 26 |
| 8121 | 4719 | 26 |
| 2892 | 2892 | 26 |
| 4724 | 1071 | 26 |
| 4719 | 5610 | 26 |
| 5210 | 5320 | 26 |
| 5621 | 8110 | 26 |
| 6499 | 6499 | 26 |
| 4724 | 1082 | 26 |
| 9329 | 9329 | 26 |
| 8122 | 8122 | 26 |
| 9319 | 9319 | 26 |
| 7912 | 7912 | 26 |
| 9313 | 9313 | 26 |
| 2811 | 2813 | 26 |
| 6419 | 6492 | 26 |
| 1013 | 1011 | 26 |
| 8299 | 8520 | 25 |
| 7490 | 8520 | 25 |
| 8899 | 4711 | 25 |
| 4752 | 4711 | 25 |
| 4711 | 8411 | 25 |
| 8541 | 8542 | 25 |
| 5610 | 8542 | 25 |
| 8610 | 8622 | 25 |
| 8730 | 8690 | 25 |
| 4511 | 4531 | 25 |
| 8520 | 8621 | 25 |
| 8520 | 6910 | 25 |
| 8520 | 4299 | 25 |
| 2120 | 4646 | 25 |
| 2221 | 2221 | 25 |
| 6419 | 6831 | 25 |
| 8010 | 8121 | 25 |
| 4719 | 8121 | 25 |
| 8541 | 8559 | 25 |
| 8220 | 6512 | 25 |
| 2219 | 2219 | 25 |
| 8810 | 9700 | 25 |
| 5913 | 5913 | 25 |
| 3311 | 3040 | 25 |
| 8424 | 8520 | 24 |
| 5813 | 8520 | 24 |
| 4772 | 4711 | 24 |
| 3312 | 3312 | 24 |
| 2222 | 2222 | 24 |
| 4711 | 8710 | 24 |
| 3030 | 3316 | 24 |
| 8690 | 8899 | 24 |
| 8810 | 9499 | 24 |
| 4334 | 4334 | 24 |
| 2931 | 2932 | 24 |
| 5630 | 4719 | 24 |
| 7320 | 7311 | 24 |
| 4532 | 4520 | 24 |
| 4771 | 8891 | 24 |
| 8810 | 8891 | 24 |
| 5819 | 5819 | 24 |
| 8891 | 8510 | 24 |
| 8610 | 8121 | 24 |
| 8520 | 9609 | 24 |
| 8610 | 5630 | 24 |
| 3320 | 3320 | 24 |
| 4676 | 4676 | 24 |
| 3030 | 7010 | 24 |
| 4711 | 4762 | 24 |
| 6120 | 6120 | 24 |
| 5224 | 5224 | 24 |
| 1013 | 147 | 24 |
| 8622 | 8622 | 23 |
| 7820 | 4120 | 23 |
| 5610 | 6419 | 23 |
| 4711 | 8790 | 23 |
| 7820 | 8531 | 23 |
| 8899 | 8531 | 23 |
| 7820 | 4673 | 23 |
| 9700 | 8810 | 23 |
| 4711 | 8690 | 23 |
| 8899 | 8690 | 23 |
| 7490 | 8690 | 23 |
| 8299 | 8899 | 23 |
| 8520 | 7490 | 23 |
| 4711 | 4511 | 23 |
| 4663 | 4663 | 23 |
| 8520 | 8412 | 23 |
| 4763 | 4761 | 23 |
| 6612 | 6630 | 23 |
| 6419 | 6622 | 23 |
| 4391 | 4391 | 23 |
| 2751 | 4643 | 23 |
| 6920 | 7022 | 23 |
| 9312 | 9311 | 23 |
| 3012 | 3012 | 23 |
| 8423 | 8520 | 22 |
| 6910 | 8520 | 22 |
| 8411 | 4711 | 22 |
| 8542 | 4711 | 22 |
| 4778 | 4711 | 22 |
| 8411 | 8610 | 22 |
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| 2813 | 2811 | 11 |
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| 4520 | 7711 | 11 |
| 7820 | 7010 | 11 |
| 8110 | 7010 | 11 |
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| 5819 | 5814 | 11 |
| 5610 | 5914 | 11 |
| 8520 | 4752 | 11 |
| 4771 | 4752 | 11 |
| 6622 | 7022 | 11 |
| 6820 | 4110 | 11 |
| 8411 | 9102 | 11 |
| 1085 | 1039 | 11 |
| 5630 | 9311 | 11 |
| 1392 | 1392 | 11 |
| 7010 | 1722 | 11 |
| 2042 | 2042 | 11 |
| 8790 | 9700 | 11 |
| 4932 | 4932 | 11 |
| 4645 | 4775 | 11 |
| 5610 | 4772 | 11 |
| 1011 | 8292 | 11 |
| 7820 | 6492 | 11 |
| 2731 | 2732 | 11 |
| 5223 | 5224 | 11 |
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| 4765 | 4741 | 11 |
| 4771 | 4616 | 11 |
| 4649 | 4647 | 11 |
| 5530 | 5520 | 11 |
| 2211 | 2211 | 11 |
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| 7810 | 4711 | 10 |
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| 9311 | 8542 | 10 |
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