

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081321\  
 Data File : FF008914.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Aug 2021 01:52  
 Sample : M3401-01  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF072121.M  
 Title :

Signal : FID2B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.004       | 1.997        | 2.015      | BH       | 2970           | 23177        | 0.11%          | 0.001%        |
| 2         | 2.031       | 2.015        | 2.059      | HH       | 5478           | 84643        | 0.40%          | 0.005%        |
| 3         | 2.084       | 2.059        | 2.110      | HH       | 6344           | 109979       | 0.52%          | 0.006%        |
| 4         | 2.121       | 2.110        | 2.134      | HH       | 3244           | 38925        | 0.19%          | 0.002%        |
| 5         | 2.161       | 2.134        | 2.173      | HH       | 6689           | 110629       | 0.53%          | 0.007%        |
| 6         | 2.178       | 2.173        | 2.186      | HH       | 4180           | 31553        | 0.15%          | 0.002%        |
| 7         | 2.197       | 2.186        | 2.218      | HH       | 5555           | 80517        | 0.38%          | 0.005%        |
| 8         | 2.227       | 2.218        | 2.240      | HH       | 3566           | 41010        | 0.20%          | 0.002%        |
| 9         | 2.251       | 2.240        | 2.272      | HH       | 2828           | 48300        | 0.23%          | 0.003%        |
| 10        | 2.290       | 2.272        | 2.317      | HH       | 2772           | 63781        | 0.30%          | 0.004%        |
| 11        | 2.337       | 2.317        | 2.363      | HH       | 3450           | 64654        | 0.31%          | 0.004%        |
| 12        | 2.397       | 2.363        | 2.461      | HH       | 15397          | 220313       | 1.05%          | 0.013%        |
| 13        | 2.474       | 2.461        | 2.498      | HH       | 1869           | 39349        | 0.19%          | 0.002%        |
| 14        | 2.529       | 2.498        | 2.542      | HH       | 1891           | 45886        | 0.22%          | 0.003%        |
| 15        | 2.571       | 2.542        | 2.601      | HH       | 3000           | 81586        | 0.39%          | 0.005%        |
| 16        | 2.605       | 2.601        | 2.612      | HH       | 1999           | 12672        | 0.06%          | 0.001%        |
| 17        | 2.629       | 2.612        | 2.655      | HH       | 4020           | 67496        | 0.32%          | 0.004%        |
| 18        | 2.681       | 2.655        | 2.689      | HH       | 5813           | 72013        | 0.34%          | 0.004%        |
| 19        | 2.694       | 2.689        | 2.710      | HH       | 4993           | 46645        | 0.22%          | 0.003%        |
| 20        | 2.733       | 2.710        | 2.746      | HH       | 4603           | 66365        | 0.32%          | 0.004%        |
| 21        | 2.760       | 2.746        | 2.792      | HH       | 5029           | 86754        | 0.41%          | 0.005%        |
| 22        | 2.802       | 2.792        | 2.815      | HH       | 2203           | 30686        | 0.15%          | 0.002%        |
| 23        | 2.828       | 2.815        | 2.845      | HH       | 2365           | 38977        | 0.19%          | 0.002%        |
| 24        | 2.866       | 2.845        | 2.925      | HH       | 12256          | 190838       | 0.91%          | 0.011%        |
| 25        | 2.957       | 2.925        | 2.992      | HH       | 30880          | 448826       | 2.14%          | 0.027%        |
| 26        | 3.001       | 2.992        | 3.008      | HH       | 2508           | 23850        | 0.11%          | 0.001%        |
| 27        | 3.021       | 3.008        | 3.036      | HH       | 3210           | 45262        | 0.22%          | 0.003%        |
| 28        | 3.057       | 3.036        | 3.081      | HH       | 5936           | 109872       | 0.52%          | 0.006%        |
| 29        | 3.093       | 3.081        | 3.102      | HH       | 3196           | 30133        | 0.14%          | 0.002%        |
| 30        | 3.134       | 3.102        | 3.169      | HH       | 8149           | 178626       | 0.85%          | 0.011%        |
| 31        | 3.185       | 3.169        | 3.204      | HH       | 19456          | 191861       | 0.91%          | 0.011%        |
| 32        | 3.215       | 3.204        | 3.234      | HH       | 4700           | 65329        | 0.31%          | 0.004%        |
| 33        | 3.256       | 3.234        | 3.270      | HH       | 4063           | 70632        | 0.34%          | 0.004%        |
| 34        | 3.279       | 3.270        | 3.295      | HH       | 3288           | 40576        | 0.19%          | 0.002%        |
| 35        | 3.313       | 3.295        | 3.360      | HH       | 2899           | 85274        | 0.41%          | 0.005%        |
| 36        | 3.381       | 3.360        | 3.402      | HH       | 2617           | 51208        | 0.24%          | 0.003%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 3.432 | 3.402 | 3.449 | HH | 17282  | 186909 | 0.89% | 0.011% |
| 38 | 3.455 | 3.449 | 3.468 | HH | 3153   | 32960  | 0.16% | 0.002% |
| 39 | 3.479 | 3.468 | 3.516 | HH | 2757   | 60578  | 0.29% | 0.004% |
| 40 | 3.537 | 3.516 | 3.553 | HH | 3890   | 59818  | 0.28% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 41 | 3.563 | 3.553 | 3.575 | HH | 2869   | 33613  | 0.16% | 0.002% |
| 42 | 3.587 | 3.575 | 3.602 | HH | 2702   | 38307  | 0.18% | 0.002% |
| 43 | 3.632 | 3.602 | 3.670 | HH | 3758   | 101464 | 0.48% | 0.006% |
| 44 | 3.708 | 3.670 | 3.727 | HH | 5422   | 111132 | 0.53% | 0.007% |
| 45 | 3.736 | 3.727 | 3.747 | HH | 2796   | 31158  | 0.15% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 46 | 3.761 | 3.747 | 3.781 | HH | 3121   | 54314  | 0.26% | 0.003% |
| 47 | 3.808 | 3.781 | 3.835 | HH | 6129   | 115891 | 0.55% | 0.007% |
| 48 | 3.849 | 3.835 | 3.867 | HH | 4589   | 68108  | 0.32% | 0.004% |
| 49 | 3.883 | 3.867 | 3.897 | HH | 3484   | 53208  | 0.25% | 0.003% |
| 50 | 3.906 | 3.897 | 3.918 | HH | 2893   | 33850  | 0.16% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 51 | 3.934 | 3.918 | 3.946 | HH | 7072   | 79760  | 0.38% | 0.005% |
| 52 | 3.953 | 3.946 | 3.969 | HH | 4332   | 45975  | 0.22% | 0.003% |
| 53 | 3.984 | 3.969 | 3.998 | HH | 3643   | 49533  | 0.24% | 0.003% |
| 54 | 4.019 | 3.998 | 4.050 | HH | 9595   | 143735 | 0.68% | 0.008% |
| 55 | 4.058 | 4.050 | 4.072 | HH | 2505   | 30327  | 0.14% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 56 | 4.107 | 4.072 | 4.124 | HH | 6981   | 134891 | 0.64% | 0.008% |
| 57 | 4.156 | 4.124 | 4.178 | HH | 9550   | 195122 | 0.93% | 0.012% |
| 58 | 4.201 | 4.178 | 4.236 | HH | 5255   | 123176 | 0.59% | 0.007% |
| 59 | 4.275 | 4.236 | 4.294 | HH | 12798  | 235003 | 1.12% | 0.014% |
| 60 | 4.303 | 4.294 | 4.342 | HH | 5412   | 120665 | 0.57% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 61 | 4.353 | 4.342 | 4.367 | HH | 3219   | 45653  | 0.22% | 0.003% |
| 62 | 4.374 | 4.367 | 4.397 | HH | 2736   | 43680  | 0.21% | 0.003% |
| 63 | 4.435 | 4.397 | 4.450 | HH | 3497   | 90473  | 0.43% | 0.005% |
| 64 | 4.465 | 4.450 | 4.481 | HH | 3624   | 55773  | 0.27% | 0.003% |
| 65 | 4.506 | 4.481 | 4.540 | HH | 16104  | 215483 | 1.03% | 0.013% |
|    |       |       |       |    |        |        |       |        |
| 66 | 4.556 | 4.540 | 4.570 | HH | 6308   | 76185  | 0.36% | 0.004% |
| 67 | 4.582 | 4.570 | 4.596 | HH | 4169   | 54750  | 0.26% | 0.003% |
| 68 | 4.615 | 4.596 | 4.642 | HH | 12500  | 165916 | 0.79% | 0.010% |
| 69 | 4.662 | 4.642 | 4.693 | HH | 5407   | 121017 | 0.58% | 0.007% |
| 70 | 4.712 | 4.693 | 4.719 | HH | 5927   | 70418  | 0.34% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 71 | 4.731 | 4.719 | 4.748 | HH | 7781   | 106560 | 0.51% | 0.006% |
| 72 | 4.760 | 4.748 | 4.777 | HH | 7463   | 97288  | 0.46% | 0.006% |
| 73 | 4.793 | 4.777 | 4.806 | HH | 5872   | 83616  | 0.40% | 0.005% |
| 74 | 4.814 | 4.806 | 4.828 | HH | 4820   | 60014  | 0.29% | 0.004% |
| 75 | 4.845 | 4.828 | 4.872 | HH | 6566   | 133295 | 0.64% | 0.008% |
|    |       |       |       |    |        |        |       |        |
| 76 | 4.886 | 4.872 | 4.903 | HH | 5782   | 90177  | 0.43% | 0.005% |
| 77 | 4.925 | 4.903 | 4.948 | HH | 7062   | 134829 | 0.64% | 0.008% |
| 78 | 4.964 | 4.948 | 4.972 | HH | 4771   | 60534  | 0.29% | 0.004% |
| 79 | 4.988 | 4.972 | 5.009 | HH | 6794   | 105404 | 0.50% | 0.006% |
| 80 | 5.041 | 5.009 | 5.049 | HH | 4739   | 93910  | 0.45% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 81 | 5.058 | 5.049 | 5.067 | HH | 4832   | 49453  | 0.24% | 0.003% |
| 82 | 5.072 | 5.067 | 5.091 | HH | 4675   | 55540  | 0.26% | 0.003% |
| 83 | 5.115 | 5.091 | 5.123 | HH | 4976   | 77106  | 0.37% | 0.005% |
| 84 | 5.141 | 5.123 | 5.173 | HH | 7603   | 175040 | 0.83% | 0.010% |
| 85 | 5.184 | 5.173 | 5.195 | HH | 5934   | 69809  | 0.33% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 86 | 5.205 | 5.195 | 5.216 | HH | 5086   | 57150  | 0.27% | 0.003% |
| 87 | 5.233 | 5.216 | 5.238 | HH | 7958   | 83851  | 0.40% | 0.005% |
| 88 | 5.247 | 5.238 | 5.269 | HH | 8225   | 119916 | 0.57% | 0.007% |
| 89 | 5.280 | 5.269 | 5.297 | HH | 5351   | 74908  | 0.36% | 0.004% |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 90     | 5.318 | 5.297 | 5.330 | HH | 4688   | 81733   | 0.39%  | 0.005% |
| 91     | 5.363 | 5.330 | 5.380 | HH | 8116   | 170540  | 0.81%  | 0.010% |
| 92     | 5.421 | 5.380 | 5.429 | HH | 6694   | 162536  | 0.77%  | 0.010% |
| 93     | 5.443 | 5.429 | 5.459 | HH | 9177   | 127224  | 0.61%  | 0.008% |
| 94     | 5.470 | 5.459 | 5.488 | HH | 6087   | 95251   | 0.45%  | 0.006% |
| 95     | 5.499 | 5.488 | 5.521 | HH | 5266   | 92534   | 0.44%  | 0.005% |
| 96     | 5.542 | 5.521 | 5.563 | HH | 22193  | 296905  | 1.41%  | 0.018% |
| 97     | 5.579 | 5.563 | 5.595 | HH | 11190  | 159831  | 0.76%  | 0.009% |
| 98     | 5.613 | 5.595 | 5.646 | HH | 12273  | 221007  | 1.05%  | 0.013% |
| 99     | 5.658 | 5.646 | 5.670 | HH | 5775   | 79174   | 0.38%  | 0.005% |
| 100    | 5.679 | 5.670 | 5.704 | HH | 5866   | 110776  | 0.53%  | 0.007% |
| 101    | 5.736 | 5.704 | 5.770 | HH | 14633  | 345175  | 1.64%  | 0.020% |
| 102    | 5.783 | 5.770 | 5.800 | HH | 7884   | 124707  | 0.59%  | 0.007% |
| 103    | 5.829 | 5.800 | 5.834 | HH | 10054  | 172514  | 0.82%  | 0.010% |
| 104    | 5.847 | 5.834 | 5.869 | HH | 11907  | 195151  | 0.93%  | 0.012% |
| 105    | 5.887 | 5.869 | 5.902 | HH | 9948   | 155194  | 0.74%  | 0.009% |
| 106    | 5.920 | 5.902 | 5.937 | HH | 9389   | 169864  | 0.81%  | 0.010% |
| 107    | 5.958 | 5.937 | 5.981 | HH | 9484   | 213439  | 1.02%  | 0.013% |
| 108    | 6.000 | 5.981 | 6.021 | HH | 9807   | 187873  | 0.90%  | 0.011% |
| 109    | 6.052 | 6.021 | 6.058 | HH | 11740  | 213312  | 1.02%  | 0.013% |
| 110    | 6.071 | 6.058 | 6.077 | HH | 12611  | 132714  | 0.63%  | 0.008% |
| 111    | 6.102 | 6.077 | 6.120 | HH | 36996  | 527594  | 2.51%  | 0.031% |
| 112    | 6.153 | 6.120 | 6.193 | HH | 197015 | 2253136 | 10.73% | 0.133% |
| 113    | 6.201 | 6.193 | 6.216 | HH | 14127  | 176131  | 0.84%  | 0.010% |
| 114    | 6.242 | 6.216 | 6.259 | HH | 16216  | 343304  | 1.64%  | 0.020% |
| 115    | 6.288 | 6.259 | 6.306 | HH | 15784  | 375330  | 1.79%  | 0.022% |
| 116    | 6.313 | 6.306 | 6.326 | HH | 12577  | 151197  | 0.72%  | 0.009% |
| 117    | 6.343 | 6.326 | 6.355 | HH | 13569  | 217493  | 1.04%  | 0.013% |
| 118    | 6.369 | 6.355 | 6.384 | HH | 15368  | 232924  | 1.11%  | 0.014% |
| 119    | 6.405 | 6.384 | 6.424 | HH | 14258  | 293910  | 1.40%  | 0.017% |
| 120    | 6.457 | 6.424 | 6.473 | HH | 18034  | 434704  | 2.07%  | 0.026% |
| 121    | 6.487 | 6.473 | 6.499 | HH | 16171  | 232425  | 1.11%  | 0.014% |
| 122    | 6.521 | 6.499 | 6.539 | HH | 37161  | 536142  | 2.55%  | 0.032% |
| 123    | 6.545 | 6.539 | 6.572 | HH | 13355  | 240070  | 1.14%  | 0.014% |
| 124    | 6.590 | 6.572 | 6.602 | HH | 13668  | 225945  | 1.08%  | 0.013% |
| 125    | 6.643 | 6.602 | 6.652 | HH | 15387  | 417480  | 1.99%  | 0.025% |
| 126    | 6.669 | 6.652 | 6.691 | HH | 27999  | 479105  | 2.28%  | 0.028% |
| 127    | 6.719 | 6.691 | 6.765 | HH | 29424  | 812445  | 3.87%  | 0.048% |
| 128    | 6.798 | 6.765 | 6.821 | HH | 22252  | 545364  | 2.60%  | 0.032% |
| 129    | 6.849 | 6.821 | 6.876 | HH | 21403  | 617418  | 2.94%  | 0.036% |
| 130    | 6.894 | 6.876 | 6.915 | HH | 19353  | 432306  | 2.06%  | 0.026% |
| 131    | 6.933 | 6.915 | 6.954 | HH | 22977  | 458183  | 2.18%  | 0.027% |
| 132    | 6.995 | 6.954 | 7.011 | HH | 29415  | 718813  | 3.42%  | 0.042% |
| 133    | 7.030 | 7.011 | 7.044 | HH | 33330  | 539111  | 2.57%  | 0.032% |
| 134    | 7.052 | 7.044 | 7.066 | HH | 25702  | 310644  | 1.48%  | 0.018% |
| 135    | 7.081 | 7.066 | 7.110 | HH | 28866  | 656771  | 3.13%  | 0.039% |
| 136    | 7.124 | 7.110 | 7.137 | HH | 25320  | 387036  | 1.84%  | 0.023% |
| 137    | 7.156 | 7.137 | 7.171 | HH | 58647  | 790634  | 3.77%  | 0.047% |
| 138    | 7.180 | 7.171 | 7.205 | HH | 28168  | 480564  | 2.29%  | 0.028% |
| 139    | 7.222 | 7.205 | 7.235 | HH | 35696  | 515602  | 2.46%  | 0.030% |
| 140    | 7.247 | 7.235 | 7.271 | HH | 36774  | 626667  | 2.99%  | 0.037% |
| 141    | 7.290 | 7.271 | 7.307 | HH | 39506  | 628477  | 2.99%  | 0.037% |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 142    | 7.331 | 7.307 | 7.351 | HH | 31045  | 701425  | 3.34%  | 0.041% |
| 143    | 7.364 | 7.351 | 7.391 | HH | 23322  | 531328  | 2.53%  | 0.031% |
| 144    | 7.443 | 7.391 | 7.464 | HH | 54867  | 1377225 | 6.56%  | 0.081% |
| 145    | 7.469 | 7.464 | 7.483 | HH | 25325  | 272312  | 1.30%  | 0.016% |
|        |       |       |       |    |        |         |        |        |
| 146    | 7.498 | 7.483 | 7.515 | HH | 26259  | 459391  | 2.19%  | 0.027% |
| 147    | 7.539 | 7.515 | 7.554 | HH | 28055  | 614766  | 2.93%  | 0.036% |
| 148    | 7.565 | 7.554 | 7.569 | HH | 25623  | 217717  | 1.04%  | 0.013% |
| 149    | 7.584 | 7.569 | 7.596 | HH | 27774  | 431630  | 2.06%  | 0.025% |
| 150    | 7.629 | 7.596 | 7.658 | HH | 34587  | 1101702 | 5.25%  | 0.065% |
|        |       |       |       |    |        |         |        |        |
| 151    | 7.670 | 7.658 | 7.694 | HH | 26461  | 523709  | 2.50%  | 0.031% |
| 152    | 7.711 | 7.694 | 7.718 | HH | 23479  | 326747  | 1.56%  | 0.019% |
| 153    | 7.746 | 7.718 | 7.768 | HH | 38826  | 920534  | 4.39%  | 0.054% |
| 154    | 7.785 | 7.768 | 7.823 | HH | 31286  | 888845  | 4.23%  | 0.052% |
| 155    | 7.852 | 7.823 | 7.861 | HH | 28695  | 607393  | 2.89%  | 0.036% |
|        |       |       |       |    |        |         |        |        |
| 156    | 7.882 | 7.861 | 7.948 | HH | 39964  | 1738075 | 8.28%  | 0.103% |
| 157    | 7.964 | 7.948 | 7.981 | HH | 31701  | 589929  | 2.81%  | 0.035% |
| 158    | 8.011 | 7.981 | 8.022 | HH | 37219  | 792162  | 3.77%  | 0.047% |
| 159    | 8.034 | 8.022 | 8.046 | HH | 39006  | 535048  | 2.55%  | 0.032% |
| 160    | 8.063 | 8.046 | 8.110 | HH | 50831  | 1407914 | 6.71%  | 0.083% |
|        |       |       |       |    |        |         |        |        |
| 161    | 8.132 | 8.110 | 8.163 | HH | 70851  | 1484123 | 7.07%  | 0.088% |
| 162    | 8.168 | 8.163 | 8.180 | HH | 35470  | 364793  | 1.74%  | 0.022% |
| 163    | 8.197 | 8.180 | 8.218 | HH | 43092  | 850411  | 4.05%  | 0.050% |
| 164    | 8.226 | 8.218 | 8.232 | HH | 35457  | 295946  | 1.41%  | 0.017% |
| 165    | 8.249 | 8.232 | 8.263 | HH | 71632  | 991473  | 4.72%  | 0.059% |
|        |       |       |       |    |        |         |        |        |
| 166    | 8.284 | 8.263 | 8.300 | HH | 149710 | 2174044 | 10.36% | 0.128% |
| 167    | 8.310 | 8.300 | 8.343 | HH | 76700  | 1315606 | 6.27%  | 0.078% |
| 168    | 8.360 | 8.343 | 8.378 | HH | 38541  | 753219  | 3.59%  | 0.044% |
| 169    | 8.437 | 8.378 | 8.466 | HH | 99077  | 2663284 | 12.69% | 0.157% |
| 170    | 8.486 | 8.466 | 8.517 | HH | 71774  | 1462366 | 6.97%  | 0.086% |
|        |       |       |       |    |        |         |        |        |
| 171    | 8.538 | 8.517 | 8.553 | HH | 39486  | 797105  | 3.80%  | 0.047% |
| 172    | 8.599 | 8.553 | 8.632 | HH | 44456  | 1801671 | 8.58%  | 0.106% |
| 173    | 8.645 | 8.632 | 8.651 | HH | 31749  | 361480  | 1.72%  | 0.021% |
| 174    | 8.674 | 8.651 | 8.691 | HH | 38754  | 860034  | 4.10%  | 0.051% |
| 175    | 8.719 | 8.691 | 8.747 | HH | 46810  | 1365758 | 6.51%  | 0.081% |
|        |       |       |       |    |        |         |        |        |
| 176    | 8.780 | 8.747 | 8.801 | HH | 72113  | 1567415 | 7.47%  | 0.093% |
| 177    | 8.823 | 8.801 | 8.827 | HH | 43516  | 630304  | 3.00%  | 0.037% |
| 178    | 8.847 | 8.827 | 8.872 | HH | 77592  | 1446177 | 6.89%  | 0.085% |
| 179    | 8.889 | 8.872 | 8.909 | HH | 39515  | 836494  | 3.99%  | 0.049% |
| 180    | 8.932 | 8.909 | 8.946 | HH | 45198  | 888247  | 4.23%  | 0.052% |
|        |       |       |       |    |        |         |        |        |
| 181    | 8.966 | 8.946 | 8.985 | HH | 49974  | 1040538 | 4.96%  | 0.061% |
| 182    | 9.000 | 8.985 | 9.025 | HH | 47268  | 975036  | 4.65%  | 0.058% |
| 183    | 9.047 | 9.025 | 9.059 | HH | 41318  | 794040  | 3.78%  | 0.047% |
| 184    | 9.070 | 9.059 | 9.077 | HH | 40865  | 441069  | 2.10%  | 0.026% |
| 185    | 9.087 | 9.077 | 9.101 | HH | 41172  | 575466  | 2.74%  | 0.034% |
|        |       |       |       |    |        |         |        |        |
| 186    | 9.132 | 9.101 | 9.154 | HH | 74870  | 1588709 | 7.57%  | 0.094% |
| 187    | 9.178 | 9.154 | 9.197 | HH | 50557  | 1061061 | 5.06%  | 0.063% |
| 188    | 9.219 | 9.197 | 9.250 | HH | 39925  | 1186476 | 5.65%  | 0.070% |
| 189    | 9.295 | 9.250 | 9.303 | HH | 46613  | 1202187 | 5.73%  | 0.071% |
| 190    | 9.309 | 9.303 | 9.317 | HH | 46138  | 391459  | 1.87%  | 0.023% |
|        |       |       |       |    |        |         |        |        |
| 191    | 9.323 | 9.317 | 9.342 | HH | 44178  | 588860  | 2.81%  | 0.035% |
| 192    | 9.350 | 9.342 | 9.362 | HH | 36025  | 422639  | 2.01%  | 0.025% |
| 193    | 9.377 | 9.362 | 9.398 | HH | 40383  | 793674  | 3.78%  | 0.047% |
| 194    | 9.429 | 9.398 | 9.447 | HH | 44967  | 1119788 | 5.34%  | 0.066% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 195 | 9.465  | 9.447  | 9.486  | HH | 47418  | 944884  | 4.50% | 0.056% |
| 196 | 9.510  | 9.486  | 9.524  | HH | 52364  | 1011741 | 4.82% | 0.060% |
| 197 | 9.535  | 9.524  | 9.562  | HH | 47515  | 901390  | 4.29% | 0.053% |
| 198 | 9.586  | 9.562  | 9.622  | HH | 55887  | 1523867 | 7.26% | 0.090% |
| 199 | 9.633  | 9.622  | 9.645  | HH | 36255  | 495631  | 2.36% | 0.029% |
| 200 | 9.662  | 9.645  | 9.676  | HH | 40242  | 695878  | 3.32% | 0.041% |
| 201 | 9.703  | 9.676  | 9.734  | HH | 60909  | 1535015 | 7.31% | 0.091% |
| 202 | 9.750  | 9.734  | 9.761  | HH | 34263  | 524060  | 2.50% | 0.031% |
| 203 | 9.776  | 9.761  | 9.782  | HH | 35370  | 436880  | 2.08% | 0.026% |
| 204 | 9.788  | 9.782  | 9.809  | HH | 35983  | 531363  | 2.53% | 0.031% |
| 205 | 9.833  | 9.809  | 9.873  | HH | 38086  | 1331433 | 6.34% | 0.079% |
| 206 | 9.885  | 9.873  | 9.891  | HH | 34076  | 373195  | 1.78% | 0.022% |
| 207 | 9.908  | 9.891  | 9.925  | HH | 54124  | 887722  | 4.23% | 0.052% |
| 208 | 9.936  | 9.925  | 9.952  | HH | 37356  | 569231  | 2.71% | 0.034% |
| 209 | 9.957  | 9.952  | 9.981  | HH | 34234  | 555482  | 2.65% | 0.033% |
| 210 | 9.992  | 9.981  | 10.006 | HH | 31915  | 465211  | 2.22% | 0.027% |
| 211 | 10.017 | 10.006 | 10.022 | HH | 30850  | 299037  | 1.42% | 0.018% |
| 212 | 10.027 | 10.022 | 10.061 | HH | 31035  | 668083  | 3.18% | 0.039% |
| 213 | 10.089 | 10.061 | 10.099 | HH | 30327  | 649889  | 3.10% | 0.038% |
| 214 | 10.116 | 10.099 | 10.168 | HH | 36061  | 1205396 | 5.74% | 0.071% |
| 215 | 10.187 | 10.168 | 10.197 | HH | 27380  | 467846  | 2.23% | 0.028% |
| 216 | 10.206 | 10.197 | 10.210 | HH | 27021  | 204549  | 0.97% | 0.012% |
| 217 | 10.225 | 10.210 | 10.237 | HH | 27304  | 428789  | 2.04% | 0.025% |
| 218 | 10.254 | 10.237 | 10.275 | HH | 32639  | 684363  | 3.26% | 0.040% |
| 219 | 10.297 | 10.275 | 10.324 | HH | 43450  | 972644  | 4.63% | 0.057% |
| 220 | 10.362 | 10.324 | 10.375 | HH | 33944  | 928227  | 4.42% | 0.055% |
| 221 | 10.388 | 10.375 | 10.414 | HH | 35723  | 733381  | 3.49% | 0.043% |
| 222 | 10.436 | 10.414 | 10.471 | HH | 36321  | 1023582 | 4.88% | 0.060% |
| 223 | 10.512 | 10.471 | 10.542 | HH | 31983  | 1179299 | 5.62% | 0.070% |
| 224 | 10.566 | 10.542 | 10.583 | HH | 37986  | 788464  | 3.76% | 0.047% |
| 225 | 10.594 | 10.583 | 10.611 | HH | 32363  | 511429  | 2.44% | 0.030% |
| 226 | 10.644 | 10.611 | 10.662 | HH | 44631  | 1024737 | 4.88% | 0.061% |
| 227 | 10.675 | 10.662 | 10.692 | HH | 30591  | 522697  | 2.49% | 0.031% |
| 228 | 10.717 | 10.692 | 10.745 | HH | 52482  | 1136760 | 5.42% | 0.067% |
| 229 | 10.765 | 10.745 | 10.770 | HH | 25442  | 371216  | 1.77% | 0.022% |
| 230 | 10.781 | 10.770 | 10.802 | HH | 25771  | 480529  | 2.29% | 0.028% |
| 231 | 10.812 | 10.802 | 10.830 | HH | 24641  | 395779  | 1.89% | 0.023% |
| 232 | 10.839 | 10.830 | 10.847 | HH | 22675  | 232872  | 1.11% | 0.014% |
| 233 | 10.860 | 10.847 | 10.865 | HH | 23118  | 239364  | 1.14% | 0.014% |
| 234 | 10.884 | 10.865 | 10.888 | HH | 24452  | 333041  | 1.59% | 0.020% |
| 235 | 10.915 | 10.888 | 10.952 | HH | 116907 | 1927966 | 9.19% | 0.114% |
| 236 | 10.990 | 10.952 | 11.015 | HH | 70616  | 1398122 | 6.66% | 0.083% |
| 237 | 11.020 | 11.015 | 11.026 | HH | 24379  | 155344  | 0.74% | 0.009% |
| 238 | 11.037 | 11.026 | 11.059 | HH | 25483  | 473897  | 2.26% | 0.028% |
| 239 | 11.071 | 11.059 | 11.086 | HH | 22793  | 368233  | 1.75% | 0.022% |
| 240 | 11.100 | 11.086 | 11.114 | HH | 23453  | 377012  | 1.80% | 0.022% |
| 241 | 11.122 | 11.114 | 11.140 | HH | 22415  | 336258  | 1.60% | 0.020% |
| 242 | 11.159 | 11.140 | 11.180 | HH | 22365  | 514850  | 2.45% | 0.030% |
| 243 | 11.205 | 11.180 | 11.240 | HH | 31401  | 910361  | 4.34% | 0.054% |
| 244 | 11.274 | 11.240 | 11.288 | HH | 23684  | 641787  | 3.06% | 0.038% |
| 245 | 11.312 | 11.288 | 11.327 | HH | 26288  | 569279  | 2.71% | 0.034% |
| 246 | 11.345 | 11.327 | 11.375 | HH | 37462  | 823696  | 3.92% | 0.049% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 11.381 | 11.375 | 11.384 | HH | 23247  | 121806  | 0.58%  | 0.007% |
| 248    | 11.406 | 11.384 | 11.411 | HH | 25819  | 407343  | 1.94%  | 0.024% |
| 249    | 11.437 | 11.411 | 11.485 | HH | 42258  | 1248374 | 5.95%  | 0.074% |
| 250    | 11.508 | 11.485 | 11.529 | HH | 25929  | 616934  | 2.94%  | 0.036% |
| 251    | 11.544 | 11.529 | 11.551 | HH | 25405  | 319095  | 1.52%  | 0.019% |
| 252    | 11.566 | 11.551 | 11.580 | HH | 28371  | 460901  | 2.20%  | 0.027% |
| 253    | 11.605 | 11.580 | 11.626 | HH | 30683  | 715724  | 3.41%  | 0.042% |
| 254    | 11.644 | 11.626 | 11.655 | HH | 23237  | 397050  | 1.89%  | 0.023% |
| 255    | 11.666 | 11.655 | 11.684 | HH | 23087  | 381555  | 1.82%  | 0.023% |
| 256    | 11.715 | 11.684 | 11.730 | HH | 48949  | 910208  | 4.34%  | 0.054% |
| 257    | 11.746 | 11.730 | 11.783 | HH | 57465  | 1143374 | 5.45%  | 0.068% |
| 258    | 11.814 | 11.783 | 11.819 | HH | 36519  | 618356  | 2.95%  | 0.037% |
| 259    | 11.830 | 11.819 | 11.847 | HH | 44086  | 613132  | 2.92%  | 0.036% |
| 260    | 11.864 | 11.847 | 11.878 | HH | 46577  | 685516  | 3.27%  | 0.040% |
| 261    | 11.895 | 11.878 | 11.930 | HH | 49158  | 984169  | 4.69%  | 0.058% |
| 262    | 11.960 | 11.930 | 11.978 | HH | 24030  | 658846  | 3.14%  | 0.039% |
| 263    | 12.014 | 11.978 | 12.043 | HH | 36422  | 1118247 | 5.33%  | 0.066% |
| 264    | 12.068 | 12.043 | 12.094 | HH | 59041  | 1201042 | 5.72%  | 0.071% |
| 265    | 12.112 | 12.094 | 12.138 | HH | 34163  | 786625  | 3.75%  | 0.046% |
| 266    | 12.146 | 12.138 | 12.159 | HH | 24282  | 292819  | 1.40%  | 0.017% |
| 267    | 12.183 | 12.159 | 12.204 | HH | 37261  | 803675  | 3.83%  | 0.047% |
| 268    | 12.215 | 12.204 | 12.229 | HH | 28201  | 399679  | 1.90%  | 0.024% |
| 269    | 12.275 | 12.229 | 12.314 | HH | 110894 | 2460885 | 11.72% | 0.145% |
| 270    | 12.326 | 12.314 | 12.341 | HH | 28761  | 449273  | 2.14%  | 0.027% |
| 271    | 12.357 | 12.341 | 12.376 | HH | 31170  | 603400  | 2.87%  | 0.036% |
| 272    | 12.393 | 12.376 | 12.405 | HH | 30141  | 505617  | 2.41%  | 0.030% |
| 273    | 12.430 | 12.405 | 12.449 | HH | 34492  | 820721  | 3.91%  | 0.048% |
| 274    | 12.457 | 12.449 | 12.484 | HH | 30522  | 616271  | 2.94%  | 0.036% |
| 275    | 12.504 | 12.484 | 12.544 | HH | 38953  | 1153739 | 5.50%  | 0.068% |
| 276    | 12.568 | 12.544 | 12.592 | HH | 44511  | 987972  | 4.71%  | 0.058% |
| 277    | 12.615 | 12.592 | 12.632 | HH | 60379  | 1074591 | 5.12%  | 0.063% |
| 278    | 12.651 | 12.632 | 12.667 | HH | 54570  | 926108  | 4.41%  | 0.055% |
| 279    | 12.677 | 12.667 | 12.698 | HH | 39866  | 653819  | 3.12%  | 0.039% |
| 280    | 12.735 | 12.698 | 12.771 | HH | 243760 | 3640726 | 17.35% | 0.215% |
| 281    | 12.788 | 12.771 | 12.812 | HH | 29131  | 698435  | 3.33%  | 0.041% |
| 282    | 12.828 | 12.812 | 12.844 | HH | 31955  | 580209  | 2.76%  | 0.034% |
| 283    | 12.869 | 12.844 | 12.902 | HH | 56103  | 1455259 | 6.93%  | 0.086% |
| 284    | 12.920 | 12.902 | 12.930 | HH | 42332  | 645017  | 3.07%  | 0.038% |
| 285    | 12.940 | 12.930 | 12.954 | HH | 41638  | 566690  | 2.70%  | 0.033% |
| 286    | 12.972 | 12.954 | 13.003 | HH | 40739  | 1052895 | 5.02%  | 0.062% |
| 287    | 13.033 | 13.003 | 13.069 | HH | 243045 | 3924947 | 18.70% | 0.232% |
| 288    | 13.083 | 13.069 | 13.101 | HH | 65797  | 1036321 | 4.94%  | 0.061% |
| 289    | 13.117 | 13.101 | 13.123 | HH | 52454  | 613041  | 2.92%  | 0.036% |
| 290    | 13.139 | 13.123 | 13.165 | HH | 80869  | 1421877 | 6.77%  | 0.084% |
| 291    | 13.173 | 13.165 | 13.185 | HH | 38146  | 454773  | 2.17%  | 0.027% |
| 292    | 13.203 | 13.185 | 13.222 | HH | 40154  | 820368  | 3.91%  | 0.048% |
| 293    | 13.241 | 13.222 | 13.249 | HH | 40544  | 623956  | 2.97%  | 0.037% |
| 294    | 13.263 | 13.249 | 13.279 | HH | 44302  | 749205  | 3.57%  | 0.044% |
| 295    | 13.316 | 13.279 | 13.346 | HH | 65800  | 2005678 | 9.56%  | 0.118% |
| 296    | 13.359 | 13.346 | 13.374 | HH | 46587  | 754623  | 3.60%  | 0.045% |
| 297    | 13.381 | 13.374 | 13.406 | HH | 44465  | 803414  | 3.83%  | 0.047% |
| 298    | 13.425 | 13.406 | 13.436 | HH | 45240  | 747165  | 3.56%  | 0.044% |
| 299    | 13.452 | 13.436 | 13.466 | HH | 44216  | 781459  | 3.72%  | 0.046% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 13.491 | 13.466 | 13.518 | HH | 63037  | 1603579 | 7.64%  | 0.095% |
| 301 | 13.532 | 13.518 | 13.565 | HH | 42255  | 1151386 | 5.49%  | 0.068% |
| 302 | 13.618 | 13.565 | 13.652 | HH | 81541  | 2823323 | 13.45% | 0.167% |
| 303 | 13.683 | 13.652 | 13.703 | HH | 48291  | 1383192 | 6.59%  | 0.082% |
| 304 | 13.727 | 13.703 | 13.747 | HH | 62755  | 1366252 | 6.51%  | 0.081% |
| 305 | 13.767 | 13.747 | 13.788 | HH | 72231  | 1405460 | 6.70%  | 0.083% |
| 306 | 13.802 | 13.788 | 13.826 | HH | 51201  | 1094010 | 5.21%  | 0.065% |
| 307 | 13.848 | 13.826 | 13.862 | HH | 61484  | 1184681 | 5.64%  | 0.070% |
| 308 | 13.877 | 13.862 | 13.883 | HH | 63083  | 738324  | 3.52%  | 0.044% |
| 309 | 13.897 | 13.883 | 13.918 | HH | 75811  | 1341907 | 6.39%  | 0.079% |
| 310 | 13.937 | 13.918 | 13.979 | HH | 74411  | 1997353 | 9.52%  | 0.118% |
| 311 | 14.009 | 13.979 | 14.034 | HH | 52498  | 1639046 | 7.81%  | 0.097% |
| 312 | 14.075 | 14.034 | 14.105 | HH | 55213  | 2190904 | 10.44% | 0.129% |
| 313 | 14.127 | 14.105 | 14.138 | HH | 51427  | 977896  | 4.66%  | 0.058% |
| 314 | 14.146 | 14.138 | 14.160 | HH | 51454  | 689663  | 3.29%  | 0.041% |
| 315 | 14.178 | 14.160 | 14.185 | HH | 53055  | 751121  | 3.58%  | 0.044% |
| 316 | 14.205 | 14.185 | 14.218 | HH | 57703  | 1107441 | 5.28%  | 0.065% |
| 317 | 14.238 | 14.218 | 14.267 | HH | 75389  | 1852671 | 8.83%  | 0.109% |
| 318 | 14.283 | 14.267 | 14.297 | HH | 58988  | 1014245 | 4.83%  | 0.060% |
| 319 | 14.319 | 14.297 | 14.335 | HH | 65540  | 1443809 | 6.88%  | 0.085% |
| 320 | 14.355 | 14.335 | 14.387 | HH | 82698  | 2162741 | 10.30% | 0.128% |
| 321 | 14.411 | 14.387 | 14.440 | HH | 69868  | 2033457 | 9.69%  | 0.120% |
| 322 | 14.458 | 14.440 | 14.470 | HH | 66828  | 1195570 | 5.70%  | 0.071% |
| 323 | 14.480 | 14.470 | 14.499 | HH | 67038  | 1113169 | 5.30%  | 0.066% |
| 324 | 14.524 | 14.499 | 14.529 | HH | 88652  | 1387823 | 6.61%  | 0.082% |
| 325 | 14.533 | 14.529 | 14.574 | HH | 88752  | 1960226 | 9.34%  | 0.116% |
| 326 | 14.598 | 14.574 | 14.622 | HH | 98662  | 2280413 | 10.86% | 0.135% |
| 327 | 14.662 | 14.622 | 14.698 | HH | 86725  | 3300225 | 15.72% | 0.195% |
| 328 | 14.748 | 14.698 | 14.774 | HH | 214876 | 5026905 | 23.95% | 0.297% |
| 329 | 14.790 | 14.774 | 14.822 | HH | 76880  | 2092761 | 9.97%  | 0.124% |
| 330 | 14.867 | 14.822 | 14.882 | HH | 86887  | 2626547 | 12.51% | 0.155% |
| 331 | 14.912 | 14.882 | 14.932 | HH | 193272 | 3706388 | 17.66% | 0.219% |
| 332 | 14.953 | 14.932 | 14.979 | HH | 225269 | 3749821 | 17.87% | 0.221% |
| 333 | 15.000 | 14.979 | 15.023 | HH | 81562  | 2038340 | 9.71%  | 0.120% |
| 334 | 15.073 | 15.023 | 15.113 | HH | 105524 | 4670123 | 22.25% | 0.276% |
| 335 | 15.118 | 15.113 | 15.130 | HH | 83393  | 882182  | 4.20%  | 0.052% |
| 336 | 15.139 | 15.130 | 15.143 | HH | 84173  | 634899  | 3.02%  | 0.037% |
| 337 | 15.154 | 15.143 | 15.186 | HH | 85937  | 2098634 | 10.00% | 0.124% |
| 338 | 15.222 | 15.186 | 15.244 | HH | 95553  | 3019363 | 14.39% | 0.178% |
| 339 | 15.266 | 15.244 | 15.272 | HH | 90881  | 1523184 | 7.26%  | 0.090% |
| 340 | 15.276 | 15.272 | 15.288 | HH | 89936  | 863342  | 4.11%  | 0.051% |
| 341 | 15.294 | 15.288 | 15.304 | HH | 87558  | 803567  | 3.83%  | 0.047% |
| 342 | 15.332 | 15.304 | 15.372 | HH | 157721 | 4592861 | 21.88% | 0.271% |
| 343 | 15.378 | 15.372 | 15.389 | HH | 95944  | 941111  | 4.48%  | 0.056% |
| 344 | 15.397 | 15.389 | 15.401 | HH | 96010  | 724111  | 3.45%  | 0.043% |
| 345 | 15.411 | 15.401 | 15.440 | HH | 97812  | 2163732 | 10.31% | 0.128% |
| 346 | 15.471 | 15.440 | 15.484 | HH | 108725 | 2619744 | 12.48% | 0.155% |
| 347 | 15.498 | 15.484 | 15.517 | HH | 106263 | 2013988 | 9.60%  | 0.119% |
| 348 | 15.559 | 15.517 | 15.571 | HH | 126013 | 3467468 | 16.52% | 0.205% |
| 349 | 15.588 | 15.571 | 15.608 | HH | 141747 | 2762783 | 13.16% | 0.163% |
| 350 | 15.625 | 15.608 | 15.661 | HH | 120350 | 3387086 | 16.14% | 0.200% |
| 351 | 15.747 | 15.661 | 15.775 | HH | 127971 | 7704626 | 36.71% | 0.455% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 352    | 15.791 | 15.775 | 15.805 | HH | 108802 | 1889588 | 9.00%  | 0.112% |
| 353    | 15.823 | 15.805 | 15.854 | HH | 112468 | 3204973 | 15.27% | 0.189% |
| 354    | 15.867 | 15.854 | 15.873 | HH | 110229 | 1260004 | 6.00%  | 0.074% |
| 355    | 15.884 | 15.873 | 15.890 | HH | 109603 | 1093609 | 5.21%  | 0.065% |
| 356    | 15.914 | 15.890 | 15.930 | HH | 116892 | 2786319 | 13.27% | 0.165% |
| 357    | 15.974 | 15.930 | 15.996 | HH | 132354 | 4757839 | 22.67% | 0.281% |
| 358    | 16.022 | 15.996 | 16.046 | HH | 126182 | 3623180 | 17.26% | 0.214% |
| 359    | 16.062 | 16.046 | 16.078 | HH | 121762 | 2294249 | 10.93% | 0.135% |
| 360    | 16.100 | 16.078 | 16.110 | HH | 119966 | 2259820 | 10.77% | 0.133% |
| 361    | 16.119 | 16.110 | 16.136 | HH | 123043 | 1911922 | 9.11%  | 0.113% |
| 362    | 16.185 | 16.136 | 16.191 | HH | 137092 | 4176008 | 19.90% | 0.247% |
| 363    | 16.198 | 16.191 | 16.218 | HH | 136693 | 2218219 | 10.57% | 0.131% |
| 364    | 16.223 | 16.218 | 16.243 | HH | 134414 | 1947301 | 9.28%  | 0.115% |
| 365    | 16.268 | 16.243 | 16.277 | HH | 143727 | 2838824 | 13.53% | 0.168% |
| 366    | 16.293 | 16.277 | 16.315 | HH | 146637 | 3286005 | 15.66% | 0.194% |
| 367    | 16.348 | 16.315 | 16.370 | HH | 171041 | 5094999 | 24.27% | 0.301% |
| 368    | 16.393 | 16.370 | 16.434 | HH | 158895 | 5756510 | 27.43% | 0.340% |
| 369    | 16.482 | 16.434 | 16.499 | HH | 303785 | 8175904 | 38.95% | 0.483% |
| 370    | 16.508 | 16.499 | 16.530 | HH | 214290 | 3420077 | 16.29% | 0.202% |
| 371    | 16.551 | 16.530 | 16.567 | HH | 165824 | 3586880 | 17.09% | 0.212% |
| 372    | 16.612 | 16.567 | 16.632 | HH | 199710 | 6710612 | 31.97% | 0.396% |
| 373    | 16.663 | 16.632 | 16.672 | HH | 168083 | 3949592 | 18.82% | 0.233% |
| 374    | 16.677 | 16.672 | 16.684 | HH | 167069 | 1220754 | 5.82%  | 0.072% |
| 375    | 16.687 | 16.684 | 16.692 | HH | 165479 | 757796  | 3.61%  | 0.045% |
| 376    | 16.705 | 16.692 | 16.716 | HH | 167102 | 2339318 | 11.15% | 0.138% |
| 377    | 16.732 | 16.716 | 16.745 | HH | 172873 | 3043399 | 14.50% | 0.180% |
| 378    | 16.773 | 16.745 | 16.786 | HH | 202440 | 4535471 | 21.61% | 0.268% |
| 379    | 16.806 | 16.786 | 16.832 | HH | 278425 | 6031572 | 28.74% | 0.356% |
| 380    | 16.864 | 16.832 | 16.900 | HH | 287528 | 8687381 | 41.39% | 0.513% |
| 381    | 16.927 | 16.900 | 16.946 | HH | 203895 | 5272836 | 25.12% | 0.311% |
| 382    | 16.968 | 16.946 | 16.995 | HH | 235112 | 6132180 | 29.22% | 0.362% |
| 383    | 17.011 | 16.995 | 17.027 | HH | 201941 | 3837659 | 18.28% | 0.227% |
| 384    | 17.040 | 17.027 | 17.052 | HH | 194831 | 2812864 | 13.40% | 0.166% |
| 385    | 17.075 | 17.052 | 17.084 | HH | 198550 | 3783378 | 18.03% | 0.223% |
| 386    | 17.117 | 17.084 | 17.144 | HH | 211117 | 7335787 | 34.95% | 0.433% |
| 387    | 17.157 | 17.144 | 17.164 | HH | 206925 | 2411470 | 11.49% | 0.142% |
| 388    | 17.176 | 17.164 | 17.185 | HH | 210801 | 2729456 | 13.00% | 0.161% |
| 389    | 17.225 | 17.185 | 17.234 | HH | 225377 | 6290916 | 29.97% | 0.371% |
| 390    | 17.238 | 17.234 | 17.244 | HH | 225027 | 1342923 | 6.40%  | 0.079% |
| 391    | 17.259 | 17.244 | 17.279 | HH | 232573 | 4776170 | 22.76% | 0.282% |
| 392    | 17.292 | 17.279 | 17.320 | HH | 238340 | 5727471 | 27.29% | 0.338% |
| 393    | 17.337 | 17.320 | 17.349 | HH | 233079 | 3876280 | 18.47% | 0.229% |
| 394    | 17.378 | 17.349 | 17.409 | HH | 278916 | 9002814 | 42.89% | 0.532% |
| 395    | 17.440 | 17.409 | 17.447 | HH | 240138 | 5337663 | 25.43% | 0.315% |
| 396    | 17.473 | 17.447 | 17.492 | HH | 248465 | 6596599 | 31.43% | 0.390% |
| 397    | 17.516 | 17.492 | 17.547 | HH | 265205 | 8235916 | 39.24% | 0.486% |
| 398    | 17.568 | 17.547 | 17.590 | HH | 259241 | 6619199 | 31.54% | 0.391% |
| 399    | 17.597 | 17.590 | 17.603 | HH | 250753 | 1911461 | 9.11%  | 0.113% |
| 400    | 17.614 | 17.603 | 17.623 | HH | 253138 | 2983395 | 14.21% | 0.176% |
| 401    | 17.664 | 17.623 | 17.677 | HH | 262778 | 8317996 | 39.63% | 0.491% |
| 402    | 17.681 | 17.677 | 17.691 | HH | 258479 | 2059392 | 9.81%  | 0.122% |
| 403    | 17.704 | 17.691 | 17.711 | HH | 260646 | 3233978 | 15.41% | 0.191% |
| 404    | 17.742 | 17.711 | 17.770 | HH | 275626 | 9382933 | 44.70% | 0.554% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 405 | 17.819 | 17.770 | 17.873 | HH | 303405 | 17636767 | 84.03% | 1.041% |
| 406 | 17.889 | 17.873 | 17.939 | HH | 290031 | 11268719 | 53.69% | 0.665% |
| 407 | 17.988 | 17.939 | 18.005 | HH | 324388 | 12008934 | 57.21% | 0.709% |
| 408 | 18.018 | 18.005 | 18.048 | HH | 318254 | 8053835  | 38.37% | 0.476% |
| 409 | 18.057 | 18.048 | 18.069 | HH | 305160 | 3694895  | 17.60% | 0.218% |
| 410 | 18.077 | 18.069 | 18.083 | HH | 308956 | 2524821  | 12.03% | 0.149% |
| 411 | 18.106 | 18.083 | 18.124 | HH | 310633 | 7675815  | 36.57% | 0.453% |
| 412 | 18.152 | 18.124 | 18.162 | HH | 348651 | 7373268  | 35.13% | 0.435% |
| 413 | 18.178 | 18.162 | 18.207 | HH | 352661 | 9237500  | 44.01% | 0.545% |
| 414 | 18.245 | 18.207 | 18.267 | HH | 439362 | 13209050 | 62.93% | 0.780% |
| 415 | 18.289 | 18.267 | 18.304 | HH | 333869 | 7315794  | 34.85% | 0.432% |
| 416 | 18.327 | 18.304 | 18.339 | HH | 354291 | 7157526  | 34.10% | 0.423% |
| 417 | 18.357 | 18.339 | 18.364 | HH | 372165 | 5473759  | 26.08% | 0.323% |
| 418 | 18.370 | 18.364 | 18.390 | HH | 372774 | 5784020  | 27.56% | 0.342% |
| 419 | 18.406 | 18.390 | 18.418 | HH | 363397 | 5804742  | 27.66% | 0.343% |
| 420 | 18.420 | 18.418 | 18.428 | HH | 358067 | 2306464  | 10.99% | 0.136% |
| 421 | 18.435 | 18.428 | 18.444 | HH | 360143 | 3302900  | 15.74% | 0.195% |
| 422 | 18.450 | 18.444 | 18.462 | HH | 352502 | 3798734  | 18.10% | 0.224% |
| 423 | 18.465 | 18.462 | 18.472 | HH | 347456 | 2079064  | 9.91%  | 0.123% |
| 424 | 18.504 | 18.472 | 18.529 | HH | 434154 | 12964754 | 61.77% | 0.766% |
| 425 | 18.539 | 18.529 | 18.545 | HH | 354936 | 3409948  | 16.25% | 0.201% |
| 426 | 18.551 | 18.545 | 18.567 | HH | 352741 | 4667312  | 22.24% | 0.276% |
| 427 | 18.590 | 18.567 | 18.614 | HH | 360974 | 9934700  | 47.33% | 0.587% |
| 428 | 18.642 | 18.614 | 18.692 | HH | 390052 | 17479103 | 83.28% | 1.032% |
| 429 | 18.697 | 18.692 | 18.706 | HH | 360236 | 2934925  | 13.98% | 0.173% |
| 430 | 18.752 | 18.706 | 18.765 | HH | 410368 | 13689390 | 65.22% | 0.808% |
| 431 | 18.779 | 18.765 | 18.803 | HH | 408995 | 8958333  | 42.68% | 0.529% |
| 432 | 18.829 | 18.803 | 18.849 | HH | 421604 | 11196803 | 53.35% | 0.661% |
| 433 | 18.869 | 18.849 | 18.879 | HH | 398100 | 7110492  | 33.88% | 0.420% |
| 434 | 18.883 | 18.879 | 18.894 | HH | 389407 | 3412620  | 16.26% | 0.202% |
| 435 | 18.936 | 18.894 | 18.941 | HH | 413671 | 11356345 | 54.11% | 0.671% |
| 436 | 18.945 | 18.941 | 18.956 | HH | 413637 | 3717988  | 17.71% | 0.220% |
| 437 | 19.003 | 18.956 | 19.009 | HH | 450414 | 13636876 | 64.97% | 0.805% |
| 438 | 19.031 | 19.009 | 19.057 | HH | 464539 | 13107232 | 62.45% | 0.774% |
| 439 | 19.062 | 19.057 | 19.086 | HH | 447064 | 7627131  | 36.34% | 0.450% |
| 440 | 19.105 | 19.086 | 19.130 | HH | 452673 | 11674183 | 55.62% | 0.689% |
| 441 | 19.152 | 19.130 | 19.161 | HH | 453538 | 8317134  | 39.63% | 0.491% |
| 442 | 19.173 | 19.161 | 19.179 | HH | 450002 | 4735807  | 22.56% | 0.280% |
| 443 | 19.182 | 19.179 | 19.197 | HH | 451988 | 4820729  | 22.97% | 0.285% |
| 444 | 19.204 | 19.197 | 19.239 | HH | 448292 | 11152298 | 53.13% | 0.659% |
| 445 | 19.245 | 19.239 | 19.251 | HH | 430600 | 3007439  | 14.33% | 0.178% |
| 446 | 19.287 | 19.251 | 19.297 | HH | 442421 | 11935226 | 56.86% | 0.705% |
| 447 | 19.305 | 19.297 | 19.312 | HH | 446193 | 3995159  | 19.03% | 0.236% |
| 448 | 19.318 | 19.312 | 19.327 | HH | 446550 | 4119820  | 19.63% | 0.243% |
| 449 | 19.333 | 19.327 | 19.339 | HH | 448200 | 3064673  | 14.60% | 0.181% |
| 450 | 19.351 | 19.339 | 19.355 | HH | 454914 | 4564814  | 21.75% | 0.270% |
| 451 | 19.360 | 19.355 | 19.372 | HH | 454880 | 4373014  | 20.83% | 0.258% |
| 452 | 19.379 | 19.372 | 19.385 | HH | 456656 | 3684325  | 17.55% | 0.218% |
| 453 | 19.397 | 19.385 | 19.403 | HH | 461587 | 4985615  | 23.75% | 0.294% |
| 454 | 19.432 | 19.403 | 19.457 | HH | 485332 | 15168223 | 72.27% | 0.896% |
| 455 | 19.461 | 19.457 | 19.464 | HH | 471969 | 1874738  | 8.93%  | 0.111% |
| 456 | 19.490 | 19.464 | 19.501 | HH | 485738 | 10623354 | 50.61% | 0.627% |

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    | rters  |          |         |        |
| 457 | 19.525 | 19.501 | 19.537 | HH | 498319 | 10454764 | 49.81%  | 0.617% |
| 458 | 19.543 | 19.537 | 19.567 | HH | 498943 | 8986315  | 42.81%  | 0.531% |
| 459 | 19.583 | 19.567 | 19.596 | HH | 502240 | 8472883  | 40.37%  | 0.500% |
| 460 | 19.600 | 19.596 | 19.619 | HH | 489054 | 6799444  | 32.39%  | 0.402% |
| 461 | 19.624 | 19.619 | 19.632 | HH | 491822 | 3915870  | 18.66%  | 0.231% |
| 462 | 19.661 | 19.632 | 19.692 | HH | 520926 | 18156602 | 86.50%  | 1.072% |
| 463 | 19.730 | 19.692 | 19.758 | HH | 555175 | 20989356 | 100.00% | 1.239% |
| 464 | 19.789 | 19.758 | 19.794 | HH | 556113 | 11762565 | 56.04%  | 0.188% |
| 465 | 19.812 | 19.794 | 19.840 | HH | 575599 | 15294169 | 72.87%  | 0.903% |
| 466 | 19.877 | 19.840 | 19.896 | HH | 552952 | 18351259 | 87.43%  | 1.084% |
| 467 | 19.900 | 19.896 | 19.909 | HH | 547523 | 4292594  | 20.45%  | 0.253% |
| 468 | 19.918 | 19.909 | 19.927 | HH | 546291 | 5877003  | 28.00%  | 0.347% |
| 469 | 19.933 | 19.927 | 19.937 | HH | 547259 | 3177836  | 15.14%  | 0.188% |
| 470 | 19.952 | 19.937 | 19.976 | HH | 558494 | 12873473 | 61.33%  | 0.760% |
| 471 | 19.991 | 19.976 | 20.015 | HH | 555379 | 12931427 | 61.61%  | 0.764% |
| 472 | 20.050 | 20.015 | 20.074 | HH | 601765 | 20036445 | 95.46%  | 1.183% |
| 473 | 20.082 | 20.074 | 20.090 | HH | 576019 | 5557113  | 26.48%  | 0.328% |
| 474 | 20.114 | 20.090 | 20.119 | HH | 591612 | 10118852 | 48.21%  | 0.598% |
| 475 | 20.135 | 20.119 | 20.146 | HH | 597860 | 9455226  | 45.05%  | 0.558% |
| 476 | 20.187 | 20.146 | 20.198 | HH | 618863 | 18789653 | 89.52%  | 1.110% |
| 477 | 20.205 | 20.198 | 20.216 | HH | 611307 | 6750046  | 32.16%  | 0.399% |
| 478 | 20.221 | 20.216 | 20.230 | HH | 611004 | 5179371  | 24.68%  | 0.306% |
| 479 | 20.248 | 20.230 | 20.255 | HH | 608260 | 9024454  | 43.00%  | 0.533% |
| 480 | 20.268 | 20.255 | 20.285 | HH | 616703 | 10790572 | 51.41%  | 0.637% |
| 481 | 20.290 | 20.285 | 20.312 | HH | 605733 | 9595240  | 45.71%  | 0.567% |
| 482 | 20.319 | 20.312 | 20.326 | HH | 609492 | 5284065  | 25.17%  | 0.312% |
| 483 | 20.357 | 20.326 | 20.370 | HH | 625375 | 16354792 | 77.92%  | 0.966% |
| 484 | 20.399 | 20.370 | 20.426 | HH | 634341 | 20481615 | 97.58%  | 1.209% |
| 485 | 20.433 | 20.426 | 20.439 | HH | 614753 | 4801444  | 22.88%  | 0.284% |
| 486 | 20.463 | 20.439 | 20.474 | HH | 614743 | 12770362 | 60.84%  | 0.754% |
| 487 | 20.481 | 20.474 | 20.492 | HH | 621584 | 6552852  | 31.22%  | 0.387% |
| 488 | 20.498 | 20.492 | 20.505 | HH | 619495 | 5078356  | 24.19%  | 0.300% |
| 489 | 20.522 | 20.505 | 20.535 | HH | 629353 | 11298312 | 53.83%  | 0.667% |
| 490 | 20.539 | 20.535 | 20.578 | HH | 637539 | 15730973 | 74.95%  | 0.929% |
| 491 | 20.589 | 20.578 | 20.595 | HH | 605572 | 5863215  | 27.93%  | 0.346% |
| 492 | 20.600 | 20.595 | 20.607 | HH | 604906 | 4378986  | 20.86%  | 0.259% |
| 493 | 20.615 | 20.607 | 20.629 | HH | 611252 | 7990042  | 38.07%  | 0.472% |
| 494 | 20.665 | 20.629 | 20.672 | HH | 614037 | 15517857 | 73.93%  | 0.916% |
| 495 | 20.686 | 20.672 | 20.703 | HH | 610529 | 11327796 | 53.97%  | 0.669% |
| 496 | 20.716 | 20.703 | 20.720 | HH | 603386 | 6320989  | 30.12%  | 0.373% |
| 497 | 20.729 | 20.720 | 20.735 | HH | 610176 | 5146084  | 24.52%  | 0.304% |
| 498 | 20.740 | 20.735 | 20.765 | HH | 608207 | 11163526 | 53.19%  | 0.659% |
| 499 | 20.773 | 20.765 | 20.790 | HH | 606576 | 8686664  | 41.39%  | 0.513% |
| 500 | 20.796 | 20.790 | 20.806 | HH | 598734 | 5790747  | 27.59%  | 0.342% |
| 501 | 20.810 | 20.806 | 20.825 | HH | 598696 | 6828549  | 32.53%  | 0.403% |
| 502 | 20.832 | 20.825 | 20.842 | HH | 590182 | 5848010  | 27.86%  | 0.345% |
| 503 | 20.849 | 20.842 | 20.863 | HH | 588699 | 7590486  | 36.16%  | 0.448% |
| 504 | 20.869 | 20.863 | 20.875 | HH | 580841 | 4090032  | 19.49%  | 0.242% |
| 505 | 20.885 | 20.875 | 20.892 | HH | 583128 | 5690866  | 27.11%  | 0.336% |
| 506 | 20.918 | 20.892 | 20.922 | HH | 602974 | 10597369 | 50.49%  | 0.626% |
| 507 | 20.927 | 20.922 | 20.951 | HH | 604074 | 10387143 | 49.49%  | 0.613% |
| 508 | 20.956 | 20.951 | 20.960 | HH | 578446 | 3249907  | 15.48%  | 0.192% |
| 509 | 20.987 | 20.960 | 21.000 | HH | 584087 | 13573250 | 64.67%  | 0.802% |

|     |        |        |        |     |                                    |          |        |        |
|-----|--------|--------|--------|-----|------------------------------------|----------|--------|--------|
|     |        |        |        |     |                                    | rteres   |        |        |
| 510 | 21.005 | 21.000 | 21.024 | HH  | 576969                             | 8246207  | 39.29% | 0.487% |
| 511 | 21.029 | 21.024 | 21.037 | HH  | 568810                             | 4387666  | 20.90% | 0.259% |
| 512 | 21.047 | 21.037 | 21.082 | HH  | 570196                             | 15297612 | 72.88% | 0.903% |
| 513 | 21.099 | 21.082 | 21.105 | HH  | 562838                             | 7834652  | 37.33% | 0.463% |
| 514 | 21.118 | 21.105 | 21.158 | HH  | 566467                             | 17733505 | 84.49% | 1.047% |
| 515 | 21.180 | 21.158 | 21.191 | HH  | 567823                             | 11225579 | 53.48% | 0.663% |
| 516 | 21.203 | 21.191 | 21.225 | HH  | 569595                             | 11341063 | 54.03% | 0.670% |
| 517 | 21.239 | 21.225 | 21.255 | HH  | 562333                             | 10041969 | 47.84% | 0.593% |
| 518 | 21.263 | 21.255 | 21.277 | HH  | 550156                             | 7130283  | 33.97% | 0.421% |
| 519 | 21.282 | 21.277 | 21.288 | HH  | 550242                             | 3415831  | 16.27% | 0.202% |
| 520 | 21.305 | 21.288 | 21.313 | HH  | 549923                             | 8353198  | 39.80% | 0.493% |
| 521 | 21.319 | 21.313 | 21.323 | HH  | 551081                             | 3195757  | 15.23% | 0.189% |
| 522 | 21.325 | 21.323 | 21.334 | HH  | 549550                             | 3761064  | 17.92% | 0.222% |
| 523 | 21.365 | 21.334 | 21.384 | HH  | 575582                             | 16705676 | 79.59% | 0.987% |
| 524 | 21.388 | 21.384 | 21.421 | HH  | 561077                             | 12336830 | 58.78% | 0.729% |
| 525 | 21.429 | 21.421 | 21.434 | HH  | 539048                             | 4010095  | 19.11% | 0.237% |
| 526 | 21.438 | 21.434 | 21.446 | HH  | 539006                             | 3866004  | 18.42% | 0.228% |
| 527 | 21.470 | 21.446 | 21.488 | HH  | 545607                             | 13912985 | 66.29% | 0.822% |
| 528 | 21.497 | 21.488 | 21.517 | HH  | 545728                             | 9284078  | 44.23% | 0.548% |
| 529 | 21.526 | 21.517 | 21.536 | HH  | 542039                             | 5930923  | 28.26% | 0.350% |
| 530 | 21.540 | 21.536 | 21.554 | HH  | 531084                             | 5967242  | 28.43% | 0.352% |
| 531 | 21.559 | 21.554 | 21.562 | HH  | 525602                             | 2401652  | 11.44% | 0.142% |
| 532 | 21.566 | 21.562 | 21.577 | HH  | 527713                             | 4724529  | 22.51% | 0.279% |
| 533 | 21.601 | 21.577 | 21.608 | HH  | 529152                             | 9766518  | 46.53% | 0.577% |
| 534 | 21.620 | 21.608 | 21.630 | HH  | 531972                             | 7011882  | 33.41% | 0.414% |
| 535 | 21.637 | 21.630 | 21.649 | HH  | 532724                             | 5859943  | 27.92% | 0.346% |
| 536 | 21.657 | 21.649 | 21.663 | HH  | 529347                             | 4375246  | 20.85% | 0.258% |
| 537 | 21.669 | 21.663 | 21.682 | HH  | 526927                             | 6197086  | 29.52% | 0.366% |
| 538 | 21.689 | 21.682 | 21.698 | HH  | 529465                             | 4786334  | 22.80% | 0.283% |
| 539 | 21.709 | 21.698 | 21.726 | HH  | 528315                             | 8872364  | 42.27% | 0.524% |
| 540 | 21.737 | 21.726 | 21.745 | HH  | 525686                             | 5879976  | 28.01% | 0.347% |
| 541 | 21.751 | 21.745 | 21.763 | HH  | 519385                             | 5551036  | 26.45% | 0.328% |
| 542 | 21.768 | 21.763 | 21.774 | HH  | 516979                             | 3674158  | 17.50% | 0.217% |
| 543 | 21.794 | 21.774 | 21.798 | HH  | 518865                             | 7415733  | 35.33% | 0.438% |
| 544 | 21.807 | 21.798 | 21.820 | HH  | 524477                             | 6870514  | 32.73% | 0.406% |
| 545 | 21.824 | 21.820 | 21.829 | HH  | 524256                             | 2589565  | 12.34% | 0.153% |
| 546 | 21.834 | 21.829 | 21.841 | HH  | 522657                             | 3771195  | 17.97% | 0.223% |
| 547 | 21.851 | 21.841 | 21.864 | HH  | 529925                             | 7361844  | 35.07% | 0.435% |
| 548 | 21.871 | 21.864 | 21.885 | HH  | 534249                             | 6614207  | 31.51% | 0.391% |
| 549 | 21.891 | 21.885 | 21.900 | HHA | 523002                             | 5081414  | 24.21% | 0.300% |
|     |        |        |        |     | Sum of corrected areas: 1693402969 |          |        |        |

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