

rteres

## Area Percent Report

Data Path : P:\HPCHEM1\FID\_E\Data\FE050618\  
Data File : FE026938.D  
Signal(s) : FID1B.CH  
Acq On : 06 May 2018 3:25  
Sample : J2711-02MSD  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID\_E\methods\C44-FE042118.M  
Title :

Signal : FID1B.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         | 2.801       | 2.755        | 2.871      | BH       | 224430         | 1688432      | 10.40%         | 0.184%        |
| 2         | 2.882       | 2.871        | 2.941      | HH       | 598            | 8468         | 0.05%          | 0.001%        |
| 3         | 2.960       | 2.941        | 2.975      | HH       | 623            | 6619         | 0.04%          | 0.001%        |
| 4         | 2.986       | 2.975        | 3.035      | HH       | 2818           | 38005        | 0.23%          | 0.004%        |
| 5         | 3.045       | 3.035        | 3.054      | HH       | 369            | 3181         | 0.02%          | 0.000%        |
| 6         | 3.073       | 3.054        | 3.085      | HH       | 503            | 6802         | 0.04%          | 0.001%        |
| 7         | 3.102       | 3.085        | 3.139      | HH       | 3264           | 39358        | 0.24%          | 0.004%        |
| 8         | 3.154       | 3.139        | 3.176      | HH       | 882            | 11594        | 0.07%          | 0.001%        |
| 9         | 3.190       | 3.176        | 3.217      | HH       | 463            | 6780         | 0.04%          | 0.001%        |
| 10        | 3.227       | 3.217        | 3.267      | HH       | 385            | 6757         | 0.04%          | 0.001%        |
| 11        | 3.290       | 3.267        | 3.325      | HH       | 1456           | 20176        | 0.12%          | 0.002%        |
| 12        | 3.336       | 3.325        | 3.357      | HH       | 260            | 3251         | 0.02%          | 0.000%        |
| 13        | 3.384       | 3.357        | 3.431      | HH       | 2296           | 38085        | 0.23%          | 0.004%        |
| 14        | 3.440       | 3.431        | 3.449      | HH       | 433            | 4546         | 0.03%          | 0.000%        |
| 15        | 3.462       | 3.449        | 3.480      | HH       | 635            | 10495        | 0.06%          | 0.001%        |
| 16        | 3.511       | 3.480        | 3.548      | HH       | 1481           | 38231        | 0.24%          | 0.004%        |
| 17        | 3.566       | 3.548        | 3.601      | HH       | 1647           | 34142        | 0.21%          | 0.004%        |
| 18        | 3.638       | 3.601        | 3.661      | HH       | 4739           | 66702        | 0.41%          | 0.007%        |
| 19        | 3.687       | 3.661        | 3.700      | HH       | 979            | 17337        | 0.11%          | 0.002%        |
| 20        | 3.738       | 3.700        | 3.808      | HH       | 8501           | 137584       | 0.85%          | 0.015%        |
| 21        | 3.831       | 3.808        | 3.841      | HH       | 1018           | 17761        | 0.11%          | 0.002%        |
| 22        | 3.858       | 3.841        | 3.877      | HH       | 1885           | 25867        | 0.16%          | 0.003%        |
| 23        | 3.892       | 3.877        | 3.909      | HH       | 929            | 16469        | 0.10%          | 0.002%        |
| 24        | 3.928       | 3.909        | 3.961      | HH       | 1787           | 37038        | 0.23%          | 0.004%        |
| 25        | 3.986       | 3.961        | 4.022      | HH       | 2466           | 62952        | 0.39%          | 0.007%        |
| 26        | 4.038       | 4.022        | 4.101      | HH       | 2759           | 75046        | 0.46%          | 0.008%        |
| 27        | 4.122       | 4.101        | 4.131      | HH       | 1272           | 20931        | 0.13%          | 0.002%        |
| 28        | 4.156       | 4.131        | 4.171      | HH       | 2907           | 46112        | 0.28%          | 0.005%        |
| 29        | 4.183       | 4.171        | 4.221      | HH       | 2724           | 55938        | 0.34%          | 0.006%        |
| 30        | 4.241       | 4.221        | 4.285      | HH       | 2169           | 62333        | 0.38%          | 0.007%        |
| 31        | 4.290       | 4.285        | 4.301      | HH       | 1723           | 14927        | 0.09%          | 0.002%        |
| 32        | 4.319       | 4.301        | 4.341      | HH       | 1740           | 32081        | 0.20%          | 0.003%        |
| 33        | 4.377       | 4.341        | 4.388      | HH       | 2220           | 45096        | 0.28%          | 0.005%        |
| 34        | 4.397       | 4.388        | 4.409      | HH       | 1895           | 19904        | 0.12%          | 0.002%        |
| 35        | 4.433       | 4.409        | 4.447      | HH       | 1777           | 33752        | 0.21%          | 0.004%        |
| 36        | 4.461       | 4.447        | 4.505      | HH       | 2214           | 57182        | 0.35%          | 0.006%        |

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|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 4.521 | 4.505 | 4.551 | HH | 19903  | 209886  | 1.29%  | 0.023% |
| 38     | 4.564 | 4.551 | 4.613 | HH | 3032   | 86822   | 0.54%  | 0.009% |
| 39     | 4.636 | 4.613 | 4.683 | HH | 2804   | 88098   | 0.54%  | 0.010% |
| 40     | 4.724 | 4.683 | 4.733 | HH | 3816   | 74760   | 0.46%  | 0.008% |
| 41     | 4.744 | 4.733 | 4.798 | HH | 4382   | 102354  | 0.63%  | 0.011% |
| 42     | 4.817 | 4.798 | 4.848 | HH | 2222   | 61817   | 0.38%  | 0.007% |
| 43     | 4.861 | 4.848 | 4.881 | HH | 2073   | 39071   | 0.24%  | 0.004% |
| 44     | 4.893 | 4.881 | 4.906 | HH | 2203   | 31397   | 0.19%  | 0.003% |
| 45     | 4.947 | 4.906 | 4.993 | HH | 375209 | 3185860 | 19.63% | 0.347% |
| 46     | 5.013 | 4.993 | 5.055 | HH | 3131   | 100490  | 0.62%  | 0.011% |
| 47     | 5.068 | 5.055 | 5.084 | HH | 3224   | 49148   | 0.30%  | 0.005% |
| 48     | 5.123 | 5.084 | 5.152 | HH | 7214   | 148466  | 0.91%  | 0.016% |
| 49     | 5.194 | 5.152 | 5.230 | HH | 3888   | 141566  | 0.87%  | 0.015% |
| 50     | 5.250 | 5.230 | 5.266 | HH | 2817   | 57669   | 0.36%  | 0.006% |
| 51     | 5.311 | 5.266 | 5.333 | HH | 3238   | 118705  | 0.73%  | 0.013% |
| 52     | 5.345 | 5.333 | 5.373 | HH | 3264   | 67702   | 0.42%  | 0.007% |
| 53     | 5.390 | 5.373 | 5.405 | HH | 3083   | 54950   | 0.34%  | 0.006% |
| 54     | 5.423 | 5.405 | 5.437 | HH | 2981   | 53446   | 0.33%  | 0.006% |
| 55     | 5.455 | 5.437 | 5.472 | HH | 3168   | 61256   | 0.38%  | 0.007% |
| 56     | 5.504 | 5.472 | 5.536 | HH | 3199   | 111236  | 0.69%  | 0.012% |
| 57     | 5.555 | 5.536 | 5.580 | HH | 3652   | 84705   | 0.52%  | 0.009% |
| 58     | 5.595 | 5.580 | 5.617 | HH | 3077   | 67040   | 0.41%  | 0.007% |
| 59     | 5.646 | 5.617 | 5.662 | HH | 3678   | 89163   | 0.55%  | 0.010% |
| 60     | 5.698 | 5.662 | 5.734 | HH | 3924   | 148524  | 0.92%  | 0.016% |
| 61     | 5.750 | 5.734 | 5.767 | HH | 3323   | 62754   | 0.39%  | 0.007% |
| 62     | 5.779 | 5.767 | 5.787 | HH | 3248   | 37291   | 0.23%  | 0.004% |
| 63     | 5.817 | 5.787 | 5.871 | HH | 26138  | 377903  | 2.33%  | 0.041% |
| 64     | 5.886 | 5.871 | 5.936 | HH | 3721   | 130462  | 0.80%  | 0.014% |
| 65     | 5.942 | 5.936 | 5.955 | HH | 3370   | 36070   | 0.22%  | 0.004% |
| 66     | 5.996 | 5.955 | 6.035 | HH | 6822   | 191378  | 1.18%  | 0.021% |
| 67     | 6.056 | 6.035 | 6.092 | HH | 4175   | 134069  | 0.83%  | 0.015% |
| 68     | 6.114 | 6.092 | 6.135 | HH | 4744   | 105336  | 0.65%  | 0.011% |
| 69     | 6.143 | 6.135 | 6.185 | HH | 4086   | 113020  | 0.70%  | 0.012% |
| 70     | 6.216 | 6.185 | 6.246 | HH | 4266   | 142345  | 0.88%  | 0.016% |
| 71     | 6.254 | 6.246 | 6.267 | HH | 3886   | 47582   | 0.29%  | 0.005% |
| 72     | 6.289 | 6.267 | 6.301 | HH | 4418   | 81473   | 0.50%  | 0.009% |
| 73     | 6.320 | 6.301 | 6.348 | HH | 5048   | 127688  | 0.79%  | 0.014% |
| 74     | 6.357 | 6.348 | 6.379 | HH | 4486   | 78389   | 0.48%  | 0.009% |
| 75     | 6.390 | 6.379 | 6.400 | HH | 3981   | 49714   | 0.31%  | 0.005% |
| 76     | 6.441 | 6.400 | 6.462 | HH | 4394   | 154517  | 0.95%  | 0.017% |
| 77     | 6.468 | 6.462 | 6.487 | HH | 4150   | 60629   | 0.37%  | 0.007% |
| 78     | 6.496 | 6.487 | 6.508 | HH | 4099   | 50364   | 0.31%  | 0.005% |
| 79     | 6.530 | 6.508 | 6.548 | HH | 4779   | 107436  | 0.66%  | 0.012% |
| 80     | 6.589 | 6.548 | 6.620 | HH | 21104  | 358682  | 2.21%  | 0.039% |
| 81     | 6.640 | 6.620 | 6.663 | HH | 6465   | 136798  | 0.84%  | 0.015% |
| 82     | 6.685 | 6.663 | 6.753 | HH | 10012  | 312590  | 1.93%  | 0.034% |
| 83     | 6.775 | 6.753 | 6.785 | HH | 4621   | 86058   | 0.53%  | 0.009% |
| 84     | 6.796 | 6.785 | 6.815 | HH | 4694   | 81963   | 0.51%  | 0.009% |
| 85     | 6.837 | 6.815 | 6.866 | HH | 6411   | 160795  | 0.99%  | 0.018% |
| 86     | 6.883 | 6.866 | 6.912 | HH | 5139   | 132136  | 0.81%  | 0.014% |
| 87     | 6.990 | 6.912 | 7.061 | HH | 370546 | 3814032 | 23.50% | 0.416% |
| 88     | 7.079 | 7.061 | 7.121 | HH | 5192   | 180979  | 1.12%  | 0.020% |
| 89     | 7.138 | 7.121 | 7.183 | HH | 5765   | 190816  | 1.18%  | 0.021% |

|     |       |       |       |    | rt     | er      |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 90  | 7.206 | 7.183 | 7.236 | HH | 5436   | 160872  | 0.99%  | 0.018% |
| 91  | 7.259 | 7.236 | 7.271 | HH | 4951   | 100991  | 0.62%  | 0.011% |
| 92  | 7.290 | 7.271 | 7.311 | HH | 5516   | 123900  | 0.76%  | 0.014% |
| 93  | 7.342 | 7.311 | 7.379 | HH | 5804   | 219708  | 1.35%  | 0.024% |
| 94  | 7.387 | 7.379 | 7.407 | HH | 5287   | 89869   | 0.55%  | 0.010% |
| 95  | 7.425 | 7.407 | 7.461 | HH | 5642   | 170449  | 1.05%  | 0.019% |
| 96  | 7.470 | 7.461 | 7.474 | HH | 5433   | 43929   | 0.27%  | 0.005% |
| 97  | 7.489 | 7.474 | 7.518 | HH | 5900   | 146520  | 0.90%  | 0.016% |
| 98  | 7.537 | 7.518 | 7.556 | HH | 7204   | 143365  | 0.88%  | 0.016% |
| 99  | 7.565 | 7.556 | 7.581 | HH | 6047   | 87486   | 0.54%  | 0.010% |
| 100 | 7.599 | 7.581 | 7.615 | HH | 6181   | 120802  | 0.74%  | 0.013% |
| 101 | 7.658 | 7.615 | 7.683 | HH | 14006  | 324468  | 2.00%  | 0.035% |
| 102 | 7.697 | 7.683 | 7.736 | HH | 6894   | 203573  | 1.25%  | 0.022% |
| 103 | 7.751 | 7.736 | 7.773 | HH | 6048   | 130757  | 0.81%  | 0.014% |
| 104 | 7.795 | 7.773 | 7.848 | HH | 10088  | 305941  | 1.89%  | 0.033% |
| 105 | 7.879 | 7.848 | 7.888 | HH | 6095   | 142073  | 0.88%  | 0.015% |
| 106 | 7.921 | 7.888 | 7.983 | HH | 8877   | 373997  | 2.30%  | 0.041% |
| 107 | 8.011 | 7.983 | 8.027 | HH | 6298   | 161985  | 1.00%  | 0.018% |
| 108 | 8.047 | 8.027 | 8.061 | HH | 6495   | 129563  | 0.80%  | 0.014% |
| 109 | 8.078 | 8.061 | 8.093 | HH | 6453   | 121035  | 0.75%  | 0.013% |
| 110 | 8.108 | 8.093 | 8.118 | HH | 6414   | 96135   | 0.59%  | 0.010% |
| 111 | 8.151 | 8.118 | 8.197 | HH | 6704   | 307046  | 1.89%  | 0.033% |
| 112 | 8.213 | 8.197 | 8.222 | HH | 6710   | 95460   | 0.59%  | 0.010% |
| 113 | 8.261 | 8.222 | 8.291 | HH | 7172   | 290312  | 1.79%  | 0.032% |
| 114 | 8.325 | 8.291 | 8.358 | HH | 7929   | 293314  | 1.81%  | 0.032% |
| 115 | 8.397 | 8.358 | 8.443 | HH | 10100  | 423697  | 2.61%  | 0.046% |
| 116 | 8.452 | 8.443 | 8.474 | HH | 7492   | 135238  | 0.83%  | 0.015% |
| 117 | 8.491 | 8.474 | 8.521 | HH | 7944   | 214202  | 1.32%  | 0.023% |
| 118 | 8.548 | 8.521 | 8.598 | HH | 10210  | 379604  | 2.34%  | 0.041% |
| 119 | 8.620 | 8.598 | 8.630 | HH | 8954   | 153466  | 0.95%  | 0.017% |
| 120 | 8.659 | 8.630 | 8.679 | HH | 9304   | 265835  | 1.64%  | 0.029% |
| 121 | 8.697 | 8.679 | 8.743 | HH | 9267   | 322858  | 1.99%  | 0.035% |
| 122 | 8.764 | 8.743 | 8.774 | HH | 12838  | 190547  | 1.17%  | 0.021% |
| 123 | 8.802 | 8.774 | 8.853 | HH | 394104 | 3946221 | 24.32% | 0.430% |
| 124 | 8.878 | 8.853 | 8.909 | HH | 105685 | 1171838 | 7.22%  | 0.128% |
| 125 | 8.926 | 8.909 | 8.934 | HH | 10380  | 152119  | 0.94%  | 0.017% |
| 126 | 8.959 | 8.934 | 8.988 | HH | 23545  | 463364  | 2.86%  | 0.050% |
| 127 | 9.003 | 8.988 | 9.026 | HH | 10583  | 221194  | 1.36%  | 0.024% |
| 128 | 9.043 | 9.026 | 9.065 | HH | 9822   | 212966  | 1.31%  | 0.023% |
| 129 | 9.100 | 9.065 | 9.116 | HH | 8911   | 267148  | 1.65%  | 0.029% |
| 130 | 9.125 | 9.116 | 9.151 | HH | 8797   | 185072  | 1.14%  | 0.020% |
| 131 | 9.254 | 9.151 | 9.272 | HH | 16433  | 752403  | 4.64%  | 0.082% |
| 132 | 9.292 | 9.272 | 9.318 | HH | 11928  | 304114  | 1.87%  | 0.033% |
| 133 | 9.340 | 9.318 | 9.365 | HH | 19211  | 378587  | 2.33%  | 0.041% |
| 134 | 9.393 | 9.365 | 9.420 | HH | 12857  | 359011  | 2.21%  | 0.039% |
| 135 | 9.434 | 9.420 | 9.443 | HH | 10149  | 136970  | 0.84%  | 0.015% |
| 136 | 9.459 | 9.443 | 9.467 | HH | 10795  | 148768  | 0.92%  | 0.016% |
| 137 | 9.488 | 9.467 | 9.508 | HH | 12463  | 277080  | 1.71%  | 0.030% |
| 138 | 9.528 | 9.508 | 9.581 | HH | 15553  | 525090  | 3.24%  | 0.057% |
| 139 | 9.626 | 9.581 | 9.675 | HH | 42715  | 926949  | 5.71%  | 0.101% |
| 140 | 9.701 | 9.675 | 9.737 | HH | 13116  | 438900  | 2.70%  | 0.048% |
| 141 | 9.756 | 9.737 | 9.773 | HH | 11404  | 235967  | 1.45%  | 0.026% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.816  | 9.773  | 9.835  | HH | 13956  | 457816  | 2.82%  | 0.050% |
| 143    | 9.850  | 9.835  | 9.878  | HH | 13007  | 299287  | 1.84%  | 0.033% |
| 144    | 9.911  | 9.878  | 9.922  | HH | 12336  | 306667  | 1.89%  | 0.033% |
| 145    | 9.931  | 9.922  | 9.941  | HH | 12182  | 141541  | 0.87%  | 0.015% |
| 146    | 9.956  | 9.941  | 9.974  | HH | 13102  | 241000  | 1.49%  | 0.026% |
| 147    | 10.017 | 9.974  | 10.029 | HH | 16113  | 465482  | 2.87%  | 0.051% |
| 148    | 10.046 | 10.029 | 10.080 | HH | 29099  | 567615  | 3.50%  | 0.062% |
| 149    | 10.092 | 10.080 | 10.111 | HH | 15232  | 256819  | 1.58%  | 0.028% |
| 150    | 10.134 | 10.111 | 10.156 | HH | 18356  | 419222  | 2.58%  | 0.046% |
| 151    | 10.167 | 10.156 | 10.176 | HH | 14592  | 167347  | 1.03%  | 0.018% |
| 152    | 10.193 | 10.176 | 10.242 | HH | 20617  | 604989  | 3.73%  | 0.066% |
| 153    | 10.260 | 10.242 | 10.295 | HH | 18449  | 466434  | 2.87%  | 0.051% |
| 154    | 10.314 | 10.295 | 10.331 | HH | 14703  | 298156  | 1.84%  | 0.032% |
| 155    | 10.364 | 10.331 | 10.384 | HH | 19005  | 516713  | 3.18%  | 0.056% |
| 156    | 10.415 | 10.384 | 10.447 | HH | 409496 | 4300598 | 26.50% | 0.469% |
| 157    | 10.468 | 10.447 | 10.483 | HH | 18789  | 351782  | 2.17%  | 0.038% |
| 158    | 10.495 | 10.483 | 10.521 | HH | 17882  | 381105  | 2.35%  | 0.042% |
| 159    | 10.534 | 10.521 | 10.577 | HH | 15549  | 480536  | 2.96%  | 0.052% |
| 160    | 10.593 | 10.577 | 10.607 | HH | 14124  | 244925  | 1.51%  | 0.027% |
| 161    | 10.624 | 10.607 | 10.661 | HH | 14968  | 467896  | 2.88%  | 0.051% |
| 162    | 10.689 | 10.661 | 10.728 | HH | 14169  | 554399  | 3.42%  | 0.060% |
| 163    | 10.761 | 10.728 | 10.773 | HH | 17249  | 409598  | 2.52%  | 0.045% |
| 164    | 10.807 | 10.773 | 10.831 | HH | 25793  | 672919  | 4.15%  | 0.073% |
| 165    | 10.852 | 10.831 | 10.873 | HH | 18195  | 413234  | 2.55%  | 0.045% |
| 166    | 10.895 | 10.873 | 10.914 | HH | 20874  | 448568  | 2.76%  | 0.049% |
| 167    | 10.938 | 10.914 | 10.961 | HH | 20523  | 522777  | 3.22%  | 0.057% |
| 168    | 10.976 | 10.961 | 11.010 | HH | 21260  | 518784  | 3.20%  | 0.057% |
| 169    | 11.055 | 11.010 | 11.068 | HH | 21290  | 616654  | 3.80%  | 0.067% |
| 170    | 11.080 | 11.068 | 11.094 | HH | 19870  | 291033  | 1.79%  | 0.032% |
| 171    | 11.113 | 11.094 | 11.135 | HH | 29464  | 555502  | 3.42%  | 0.061% |
| 172    | 11.156 | 11.135 | 11.181 | HH | 49462  | 793859  | 4.89%  | 0.087% |
| 173    | 11.228 | 11.181 | 11.245 | HH | 28576  | 817322  | 5.04%  | 0.089% |
| 174    | 11.271 | 11.245 | 11.314 | HH | 26110  | 900570  | 5.55%  | 0.098% |
| 175    | 11.327 | 11.314 | 11.339 | HH | 19483  | 283689  | 1.75%  | 0.031% |
| 176    | 11.356 | 11.339 | 11.372 | HH | 20693  | 370855  | 2.29%  | 0.040% |
| 177    | 11.385 | 11.372 | 11.411 | HH | 19171  | 440743  | 2.72%  | 0.048% |
| 178    | 11.471 | 11.411 | 11.518 | HH | 186708 | 2892113 | 17.82% | 0.315% |
| 179    | 11.545 | 11.518 | 11.601 | HH | 80202  | 1613753 | 9.94%  | 0.176% |
| 180    | 11.616 | 11.601 | 11.642 | HH | 20325  | 466535  | 2.87%  | 0.051% |
| 181    | 11.668 | 11.642 | 11.693 | HH | 21168  | 584117  | 3.60%  | 0.064% |
| 182    | 11.719 | 11.693 | 11.731 | HH | 23614  | 472764  | 2.91%  | 0.052% |
| 183    | 11.748 | 11.731 | 11.792 | HH | 31829  | 838477  | 5.17%  | 0.091% |
| 184    | 11.868 | 11.792 | 11.922 | HH | 394726 | 5160199 | 31.80% | 0.562% |
| 185    | 11.960 | 11.922 | 11.977 | HH | 27152  | 767579  | 4.73%  | 0.084% |
| 186    | 11.997 | 11.977 | 12.030 | HH | 30463  | 769477  | 4.74%  | 0.084% |
| 187    | 12.062 | 12.030 | 12.087 | HH | 28434  | 775756  | 4.78%  | 0.085% |
| 188    | 12.121 | 12.087 | 12.144 | HH | 26999  | 806644  | 4.97%  | 0.088% |
| 189    | 12.163 | 12.144 | 12.206 | HH | 23817  | 813749  | 5.01%  | 0.089% |
| 190    | 12.224 | 12.206 | 12.243 | HH | 24852  | 498761  | 3.07%  | 0.054% |
| 191    | 12.276 | 12.243 | 12.292 | HH | 47179  | 892728  | 5.50%  | 0.097% |
| 192    | 12.308 | 12.292 | 12.334 | HH | 54820  | 880017  | 5.42%  | 0.096% |
| 193    | 12.376 | 12.334 | 12.385 | HH | 35617  | 794110  | 4.89%  | 0.087% |
| 194    | 12.400 | 12.385 | 12.416 | HH | 57439  | 785214  | 4.84%  | 0.086% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.429 | 12.416 | 12.444 | HH | 39971  | 557706  | 3.44%  | 0.061% |
| 196 | 12.461 | 12.444 | 12.502 | HH | 44197  | 1024413 | 6.31%  | 0.112% |
| 197 | 12.536 | 12.502 | 12.575 | HH | 34262  | 1164565 | 7.18%  | 0.127% |
| 198 | 12.593 | 12.575 | 12.615 | HH | 27991  | 600655  | 3.70%  | 0.065% |
| 199 | 12.640 | 12.615 | 12.664 | HH | 51771  | 1004099 | 6.19%  | 0.109% |
| 200 | 12.681 | 12.664 | 12.719 | HH | 28242  | 840715  | 5.18%  | 0.092% |
| 201 | 12.745 | 12.719 | 12.764 | HH | 46434  | 892879  | 5.50%  | 0.097% |
| 202 | 12.785 | 12.764 | 12.864 | HH | 46649  | 1943313 | 11.97% | 0.212% |
| 203 | 12.900 | 12.864 | 12.917 | HH | 29489  | 888987  | 5.48%  | 0.097% |
| 204 | 12.931 | 12.917 | 12.948 | HH | 29160  | 514753  | 3.17%  | 0.056% |
| 205 | 12.962 | 12.948 | 12.973 | HH | 27785  | 404917  | 2.50%  | 0.044% |
| 206 | 13.004 | 12.973 | 13.049 | HH | 31405  | 1329276 | 8.19%  | 0.145% |
| 207 | 13.072 | 13.049 | 13.113 | HH | 38683  | 1226455 | 7.56%  | 0.134% |
| 208 | 13.147 | 13.113 | 13.162 | HH | 46259  | 1014682 | 6.25%  | 0.111% |
| 209 | 13.188 | 13.162 | 13.211 | HH | 413208 | 4801902 | 29.59% | 0.523% |
| 210 | 13.226 | 13.211 | 13.240 | HH | 37504  | 615039  | 3.79%  | 0.067% |
| 211 | 13.253 | 13.240 | 13.275 | HH | 38018  | 708770  | 4.37%  | 0.077% |
| 212 | 13.323 | 13.275 | 13.357 | HH | 498772 | 6866560 | 42.31% | 0.748% |
| 213 | 13.375 | 13.357 | 13.391 | HH | 33429  | 628542  | 3.87%  | 0.068% |
| 214 | 13.405 | 13.391 | 13.418 | HH | 31572  | 489941  | 3.02%  | 0.053% |
| 215 | 13.455 | 13.418 | 13.474 | HH | 44125  | 1183741 | 7.29%  | 0.129% |
| 216 | 13.509 | 13.474 | 13.548 | HH | 51337  | 1719276 | 10.59% | 0.187% |
| 217 | 13.560 | 13.548 | 13.577 | HH | 36363  | 591990  | 3.65%  | 0.065% |
| 218 | 13.628 | 13.577 | 13.650 | HH | 447165 | 6019094 | 37.09% | 0.656% |
| 219 | 13.670 | 13.650 | 13.683 | HH | 80175  | 1147905 | 7.07%  | 0.125% |
| 220 | 13.697 | 13.683 | 13.729 | HH | 83838  | 1488912 | 9.17%  | 0.162% |
| 221 | 13.740 | 13.729 | 13.763 | HH | 35379  | 693451  | 4.27%  | 0.076% |
| 222 | 13.786 | 13.763 | 13.802 | HH | 48038  | 937990  | 5.78%  | 0.102% |
| 223 | 13.820 | 13.802 | 13.858 | HH | 54535  | 1409378 | 8.68%  | 0.154% |
| 224 | 13.879 | 13.858 | 13.903 | HH | 65148  | 1250732 | 7.71%  | 0.136% |
| 225 | 13.936 | 13.903 | 13.977 | HH | 45674  | 1729966 | 10.66% | 0.189% |
| 226 | 14.031 | 13.977 | 14.054 | HH | 54742  | 2108068 | 12.99% | 0.230% |
| 227 | 14.075 | 14.054 | 14.097 | HH | 69872  | 1401396 | 8.64%  | 0.153% |
| 228 | 14.111 | 14.097 | 14.146 | HH | 42781  | 1106835 | 6.82%  | 0.121% |
| 229 | 14.208 | 14.146 | 14.248 | HH | 134481 | 3653701 | 22.51% | 0.398% |
| 230 | 14.265 | 14.248 | 14.285 | HH | 44838  | 919025  | 5.66%  | 0.100% |
| 231 | 14.314 | 14.285 | 14.338 | HH | 96108  | 1948882 | 12.01% | 0.212% |
| 232 | 14.360 | 14.338 | 14.372 | HH | 91712  | 1348207 | 8.31%  | 0.147% |
| 233 | 14.394 | 14.372 | 14.415 | HH | 385696 | 4662839 | 28.73% | 0.508% |
| 234 | 14.423 | 14.415 | 14.435 | HH | 58542  | 661151  | 4.07%  | 0.072% |
| 235 | 14.446 | 14.435 | 14.450 | HH | 52083  | 455602  | 2.81%  | 0.050% |
| 236 | 14.461 | 14.450 | 14.473 | HH | 55645  | 701597  | 4.32%  | 0.076% |
| 237 | 14.492 | 14.473 | 14.513 | HH | 100946 | 1624273 | 10.01% | 0.177% |
| 238 | 14.533 | 14.513 | 14.564 | HH | 79799  | 1699992 | 10.48% | 0.185% |
| 239 | 14.602 | 14.564 | 14.616 | HH | 47708  | 1366149 | 8.42%  | 0.149% |
| 240 | 14.645 | 14.616 | 14.661 | HH | 48188  | 1243373 | 7.66%  | 0.135% |
| 241 | 14.672 | 14.661 | 14.693 | HH | 46466  | 877293  | 5.41%  | 0.096% |
| 242 | 14.708 | 14.693 | 14.721 | HH | 45186  | 735796  | 4.53%  | 0.080% |
| 243 | 14.731 | 14.721 | 14.744 | HH | 44812  | 601628  | 3.71%  | 0.066% |
| 244 | 14.762 | 14.744 | 14.778 | HH | 47599  | 910494  | 5.61%  | 0.099% |
| 245 | 14.795 | 14.778 | 14.806 | HH | 49105  | 790510  | 4.87%  | 0.086% |
| 246 | 14.816 | 14.806 | 14.834 | HH | 48796  | 779073  | 4.80%  | 0.085% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 14.852 | 14.834 | 14.861 | HH | 46682  | 753422   | 4.64%  | 0.082% |
| 248    | 14.914 | 14.861 | 14.932 | HH | 68665  | 2473811  | 15.24% | 0.270% |
| 249    | 14.955 | 14.932 | 14.976 | HH | 112925 | 1984875  | 12.23% | 0.216% |
| 250    | 14.989 | 14.976 | 14.998 | HH | 54453  | 678075   | 4.18%  | 0.074% |
|        |        |        |        |    |        |          |        |        |
| 251    | 15.054 | 14.998 | 15.102 | HH | 72152  | 3638823  | 22.42% | 0.397% |
| 252    | 15.136 | 15.102 | 15.150 | HH | 99770  | 2108536  | 12.99% | 0.230% |
| 253    | 15.161 | 15.150 | 15.176 | HH | 82348  | 1099044  | 6.77%  | 0.120% |
| 254    | 15.199 | 15.176 | 15.222 | HH | 133475 | 2582559  | 15.91% | 0.281% |
| 255    | 15.234 | 15.222 | 15.246 | HH | 80302  | 1105449  | 6.81%  | 0.120% |
|        |        |        |        |    |        |          |        |        |
| 256    | 15.261 | 15.246 | 15.275 | HH | 95586  | 1353315  | 8.34%  | 0.147% |
| 257    | 15.299 | 15.275 | 15.344 | HH | 301808 | 5341800  | 32.92% | 0.582% |
| 258    | 15.363 | 15.344 | 15.373 | HH | 69903  | 1155028  | 7.12%  | 0.126% |
| 259    | 15.386 | 15.373 | 15.436 | HH | 72770  | 2232865  | 13.76% | 0.243% |
| 260    | 15.468 | 15.436 | 15.477 | HH | 66949  | 1441192  | 8.88%  | 0.157% |
|        |        |        |        |    |        |          |        |        |
| 261    | 15.507 | 15.477 | 15.539 | HH | 495268 | 8943129  | 55.11% | 0.975% |
| 262    | 15.566 | 15.539 | 15.609 | HH | 353924 | 6104787  | 37.62% | 0.665% |
| 263    | 15.619 | 15.609 | 15.631 | HH | 58753  | 753303   | 4.64%  | 0.082% |
| 264    | 15.656 | 15.631 | 15.664 | HH | 69731  | 1274486  | 7.85%  | 0.139% |
| 265    | 15.686 | 15.664 | 15.714 | HH | 108600 | 2536266  | 15.63% | 0.276% |
|        |        |        |        |    |        |          |        |        |
| 266    | 15.725 | 15.714 | 15.734 | HH | 72248  | 843495   | 5.20%  | 0.092% |
| 267    | 15.752 | 15.734 | 15.788 | HH | 81298  | 2178193  | 13.42% | 0.237% |
| 268    | 15.819 | 15.788 | 15.849 | HH | 113630 | 2988578  | 18.42% | 0.326% |
| 269    | 15.867 | 15.849 | 15.893 | HH | 86495  | 1969958  | 12.14% | 0.215% |
| 270    | 15.957 | 15.893 | 16.010 | HH | 108438 | 6313966  | 38.91% | 0.688% |
|        |        |        |        |    |        |          |        |        |
| 271    | 16.031 | 16.010 | 16.043 | HH | 186146 | 2548289  | 15.70% | 0.278% |
| 272    | 16.072 | 16.043 | 16.096 | HH | 810595 | 11328118 | 69.81% | 1.234% |
| 273    | 16.110 | 16.096 | 16.126 | HH | 73615  | 1263316  | 7.78%  | 0.138% |
| 274    | 16.147 | 16.126 | 16.169 | HH | 99469  | 2012549  | 12.40% | 0.219% |
| 275    | 16.197 | 16.169 | 16.217 | HH | 190894 | 3420142  | 21.08% | 0.373% |
|        |        |        |        |    |        |          |        |        |
| 276    | 16.234 | 16.217 | 16.270 | HH | 126665 | 2825528  | 17.41% | 0.308% |
| 277    | 16.290 | 16.270 | 16.321 | HH | 85407  | 2431487  | 14.98% | 0.265% |
| 278    | 16.348 | 16.321 | 16.408 | HH | 118017 | 4838810  | 29.82% | 0.527% |
| 279    | 16.433 | 16.408 | 16.452 | HH | 83371  | 2073621  | 12.78% | 0.226% |
| 280    | 16.483 | 16.452 | 16.491 | HH | 79051  | 1813753  | 11.18% | 0.198% |
|        |        |        |        |    |        |          |        |        |
| 281    | 16.534 | 16.491 | 16.578 | HH | 403166 | 7681370  | 47.33% | 0.837% |
| 282    | 16.600 | 16.578 | 16.656 | HH | 85124  | 3704726  | 22.83% | 0.404% |
| 283    | 16.670 | 16.656 | 16.685 | HH | 75701  | 1297560  | 8.00%  | 0.141% |
| 284    | 16.702 | 16.685 | 16.743 | HH | 80906  | 2601307  | 16.03% | 0.283% |
| 285    | 16.797 | 16.743 | 16.818 | HH | 109640 | 3963386  | 24.42% | 0.432% |
|        |        |        |        |    |        |          |        |        |
| 286    | 16.833 | 16.818 | 16.853 | HH | 112859 | 1968020  | 12.13% | 0.214% |
| 287    | 16.879 | 16.853 | 16.922 | HH | 108929 | 4016354  | 24.75% | 0.438% |
| 288    | 16.948 | 16.922 | 16.961 | HH | 109802 | 2266438  | 13.97% | 0.247% |
| 289    | 17.017 | 16.961 | 17.048 | HH | 234989 | 6763066  | 41.67% | 0.737% |
| 290    | 17.107 | 17.048 | 17.123 | HH | 338511 | 7645153  | 47.11% | 0.833% |
|        |        |        |        |    |        |          |        |        |
| 291    | 17.131 | 17.123 | 17.198 | HH | 227031 | 5162536  | 31.81% | 0.563% |
| 292    | 17.230 | 17.198 | 17.249 | HH | 137543 | 3189489  | 19.65% | 0.348% |
| 293    | 17.259 | 17.249 | 17.301 | HH | 98158  | 2862137  | 17.64% | 0.312% |
| 294    | 17.319 | 17.301 | 17.335 | HH | 89711  | 1738686  | 10.71% | 0.189% |
| 295    | 17.381 | 17.335 | 17.402 | HH | 119027 | 4136750  | 25.49% | 0.451% |
|        |        |        |        |    |        |          |        |        |
| 296    | 17.432 | 17.402 | 17.454 | HH | 245058 | 4809105  | 29.63% | 0.524% |
| 297    | 17.490 | 17.454 | 17.537 | HH | 600323 | 10908994 | 67.22% | 1.189% |
| 298    | 17.570 | 17.537 | 17.611 | HH | 160236 | 5654363  | 34.84% | 0.616% |
| 299    | 17.626 | 17.611 | 17.645 | HH | 106891 | 2055912  | 12.67% | 0.224% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 300 | 17.657 | 17.645 | 17.672 | HH | 99954  | 1602024  | 9.87%  | 0.175% |
| 301 | 17.719 | 17.672 | 17.754 | HH | 112746 | 5050508  | 31.12% | 0.550% |
| 302 | 17.779 | 17.754 | 17.798 | HH | 99925  | 2592979  | 15.98% | 0.283% |
| 303 | 17.839 | 17.798 | 17.850 | HH | 119417 | 3364971  | 20.74% | 0.367% |
| 304 | 17.884 | 17.850 | 17.915 | HH | 127146 | 4631103  | 28.54% | 0.505% |
| 305 | 17.939 | 17.915 | 17.965 | HH | 259737 | 4828511  | 29.75% | 0.526% |
| 306 | 17.985 | 17.965 | 17.998 | HH | 132556 | 2388965  | 14.72% | 0.260% |
| 307 | 18.014 | 17.998 | 18.049 | HH | 130245 | 3551422  | 21.88% | 0.387% |
| 308 | 18.071 | 18.049 | 18.088 | HH | 121042 | 2631578  | 16.22% | 0.287% |
| 309 | 18.102 | 18.088 | 18.120 | HH | 113907 | 2052510  | 12.65% | 0.224% |
| 310 | 18.156 | 18.120 | 18.183 | HH | 123399 | 4207362  | 25.93% | 0.458% |
| 311 | 18.194 | 18.183 | 18.226 | HH | 108941 | 2735492  | 16.86% | 0.298% |
| 312 | 18.242 | 18.226 | 18.252 | HH | 106533 | 1621852  | 9.99%  | 0.177% |
| 313 | 18.269 | 18.252 | 18.308 | HH | 120881 | 3661593  | 22.56% | 0.399% |
| 314 | 18.341 | 18.308 | 18.351 | HH | 111885 | 2774524  | 17.10% | 0.302% |
| 315 | 18.382 | 18.351 | 18.424 | HH | 424516 | 8437955  | 52.00% | 0.919% |
| 316 | 18.440 | 18.424 | 18.453 | HH | 114281 | 2004178  | 12.35% | 0.218% |
| 317 | 18.473 | 18.453 | 18.496 | HH | 150739 | 3218159  | 19.83% | 0.351% |
| 318 | 18.526 | 18.496 | 18.536 | HH | 117941 | 2702290  | 16.65% | 0.294% |
| 319 | 18.546 | 18.536 | 18.563 | HH | 119831 | 1878426  | 11.58% | 0.205% |
| 320 | 18.583 | 18.563 | 18.595 | HH | 117179 | 2161237  | 13.32% | 0.236% |
| 321 | 18.652 | 18.595 | 18.689 | HH | 128126 | 6876079  | 42.37% | 0.749% |
| 322 | 18.714 | 18.689 | 18.739 | HH | 124271 | 3586874  | 22.10% | 0.391% |
| 323 | 18.771 | 18.739 | 18.783 | HH | 173759 | 3867757  | 23.83% | 0.421% |
| 324 | 18.803 | 18.783 | 18.841 | HH | 265258 | 6146984  | 37.88% | 0.670% |
| 325 | 18.875 | 18.841 | 18.895 | HH | 203030 | 5058135  | 31.17% | 0.551% |
| 326 | 18.903 | 18.895 | 18.925 | HH | 146223 | 2439757  | 15.03% | 0.266% |
| 327 | 18.942 | 18.925 | 18.962 | HH | 130973 | 2767404  | 17.05% | 0.302% |
| 328 | 18.998 | 18.962 | 19.014 | HH | 136295 | 4022959  | 24.79% | 0.438% |
| 329 | 19.033 | 19.014 | 19.091 | HH | 144734 | 5922979  | 36.50% | 0.645% |
| 330 | 19.116 | 19.091 | 19.129 | HH | 208862 | 3722647  | 22.94% | 0.406% |
| 331 | 19.138 | 19.129 | 19.176 | HH | 188898 | 4240921  | 26.13% | 0.462% |
| 332 | 19.218 | 19.176 | 19.243 | HH | 485527 | 9346816  | 57.60% | 1.019% |
| 333 | 19.263 | 19.243 | 19.289 | HH | 145884 | 3680970  | 22.68% | 0.401% |
| 334 | 19.320 | 19.289 | 19.342 | HH | 160616 | 4290825  | 26.44% | 0.468% |
| 335 | 19.362 | 19.342 | 19.386 | HH | 137534 | 3386714  | 20.87% | 0.369% |
| 336 | 19.444 | 19.386 | 19.469 | HH | 132142 | 6332877  | 39.02% | 0.690% |
| 337 | 19.496 | 19.469 | 19.527 | HH | 133027 | 4401769  | 27.12% | 0.480% |
| 338 | 19.555 | 19.527 | 19.568 | HH | 131039 | 3157517  | 19.46% | 0.344% |
| 339 | 19.613 | 19.568 | 19.632 | HH | 235689 | 6208953  | 38.26% | 0.677% |
| 340 | 19.646 | 19.632 | 19.685 | HH | 170333 | 4925603  | 30.35% | 0.537% |
| 341 | 19.725 | 19.685 | 19.751 | HH | 141749 | 5521719  | 34.03% | 0.602% |
| 342 | 19.764 | 19.751 | 19.775 | HH | 129504 | 1845636  | 11.37% | 0.201% |
| 343 | 19.828 | 19.775 | 19.867 | HH | 157591 | 7575422  | 46.68% | 0.825% |
| 344 | 19.906 | 19.867 | 19.935 | HH | 156188 | 5511003  | 33.96% | 0.601% |
| 345 | 19.956 | 19.935 | 19.964 | HH | 132660 | 2307586  | 14.22% | 0.251% |
| 346 | 20.006 | 19.964 | 20.058 | HH | 509227 | 11909346 | 73.39% | 1.298% |
| 347 | 20.117 | 20.058 | 20.161 | HH | 155766 | 8464621  | 52.16% | 0.922% |
| 348 | 20.178 | 20.161 | 20.194 | HH | 134381 | 2624302  | 16.17% | 0.286% |
| 349 | 20.205 | 20.194 | 20.224 | HH | 131347 | 2287740  | 14.10% | 0.249% |
| 350 | 20.240 | 20.224 | 20.258 | HH | 135751 | 2702775  | 16.65% | 0.295% |
| 351 | 20.292 | 20.258 | 20.328 | HH | 156283 | 6069461  | 37.40% | 0.661% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 352    | 20.371 | 20.328 | 20.394 | HH | 164871 | 5996229  | 36.95%  | 0.653% |
| 353    | 20.411 | 20.394 | 20.435 | HH | 152941 | 3539497  | 21.81%  | 0.386% |
| 354    | 20.450 | 20.435 | 20.482 | HH | 147252 | 3982521  | 24.54%  | 0.434% |
| 355    | 20.497 | 20.482 | 20.558 | HH | 137325 | 6022378  | 37.11%  | 0.656% |
| 356    | 20.571 | 20.558 | 20.614 | HH | 130238 | 4273693  | 26.34%  | 0.466% |
| 357    | 20.688 | 20.614 | 20.725 | HH | 158270 | 9110980  | 56.14%  | 0.993% |
| 358    | 20.772 | 20.725 | 20.834 | HH | 491181 | 13514334 | 83.28%  | 1.473% |
| 359    | 20.851 | 20.834 | 20.874 | HH | 129267 | 3057656  | 18.84%  | 0.333% |
| 360    | 20.903 | 20.874 | 20.970 | HH | 128038 | 7133599  | 43.96%  | 0.777% |
| 361    | 21.001 | 20.970 | 21.057 | HH | 129162 | 6412425  | 39.51%  | 0.699% |
| 362    | 21.069 | 21.057 | 21.116 | HH | 119264 | 4169508  | 25.69%  | 0.454% |
| 363    | 21.128 | 21.116 | 21.154 | HH | 116459 | 2626148  | 16.18%  | 0.286% |
| 364    | 21.190 | 21.154 | 21.214 | HH | 126016 | 4327800  | 26.67%  | 0.472% |
| 365    | 21.244 | 21.214 | 21.362 | HH | 121309 | 10248278 | 63.15%  | 1.117% |
| 366    | 21.371 | 21.362 | 21.411 | HH | 112661 | 3313175  | 20.42%  | 0.361% |
| 367    | 21.417 | 21.411 | 21.434 | HH | 112112 | 1535659  | 9.46%   | 0.167% |
| 368    | 21.461 | 21.434 | 21.498 | HH | 113305 | 4227903  | 26.05%  | 0.461% |
| 369    | 21.508 | 21.498 | 21.526 | HH | 111947 | 1903944  | 11.73%  | 0.207% |
| 370    | 21.534 | 21.526 | 21.559 | HH | 110628 | 2130195  | 13.13%  | 0.232% |
| 371    | 21.570 | 21.559 | 21.601 | HH | 109538 | 2795484  | 17.23%  | 0.305% |
| 372    | 21.680 | 21.601 | 21.778 | HH | 364134 | 16139005 | 99.45%  | 1.759% |
| 373    | 21.796 | 21.778 | 21.831 | HH | 106273 | 3365249  | 20.74%  | 0.367% |
| 374    | 21.842 | 21.831 | 21.855 | HH | 104966 | 1466062  | 9.03%   | 0.160% |
| 375    | 21.866 | 21.855 | 21.888 | HH | 105747 | 2087087  | 12.86%  | 0.227% |
| 376    | 21.903 | 21.888 | 22.005 | HH | 106386 | 7341218  | 45.24%  | 0.800% |
| 377    | 22.021 | 22.005 | 22.035 | HH | 103458 | 1836978  | 11.32%  | 0.200% |
| 378    | 22.050 | 22.035 | 22.095 | HH | 104184 | 3723913  | 22.95%  | 0.406% |
| 379    | 22.111 | 22.095 | 22.121 | HH | 103401 | 1639983  | 10.11%  | 0.179% |
| 380    | 22.135 | 22.121 | 22.151 | HH | 102864 | 1844531  | 11.37%  | 0.201% |
| 381    | 22.211 | 22.151 | 22.274 | HH | 107244 | 7543820  | 46.49%  | 0.822% |
| 382    | 22.291 | 22.274 | 22.338 | HH | 100223 | 3823903  | 23.56%  | 0.417% |
| 383    | 22.371 | 22.338 | 22.381 | HH | 101598 | 2549851  | 15.71%  | 0.278% |
| 384    | 22.405 | 22.381 | 22.445 | HH | 103689 | 3911210  | 24.10%  | 0.426% |
| 385    | 22.457 | 22.445 | 22.489 | HH | 100457 | 2659573  | 16.39%  | 0.290% |
| 386    | 22.497 | 22.489 | 22.536 | HH | 99241  | 2752218  | 16.96%  | 0.300% |
| 387    | 22.571 | 22.536 | 22.593 | HH | 98679  | 3311932  | 20.41%  | 0.361% |
| 388    | 22.603 | 22.593 | 22.611 | HH | 97200  | 1092465  | 6.73%   | 0.119% |
| 389    | 22.619 | 22.611 | 22.655 | HH | 97858  | 2543370  | 15.67%  | 0.277% |
| 390    | 22.679 | 22.655 | 22.690 | HH | 95681  | 1960717  | 12.08%  | 0.214% |
| 391    | 22.694 | 22.690 | 22.725 | HH | 95362  | 1976621  | 12.18%  | 0.215% |
| 392    | 22.735 | 22.725 | 22.755 | HH | 93468  | 1669662  | 10.29%  | 0.182% |
| 393    | 22.852 | 22.755 | 22.960 | HH | 275861 | 16228174 | 100.00% | 1.768% |
| 394    | 22.973 | 22.960 | 23.001 | HH | 95153  | 2335994  | 14.39%  | 0.255% |
| 395    | 23.021 | 23.001 | 23.056 | HH | 94855  | 3056747  | 18.84%  | 0.333% |
| 396    | 23.066 | 23.056 | 23.071 | HH | 93970  | 866826   | 5.34%   | 0.094% |
| 397    | 23.099 | 23.071 | 23.151 | HH | 94778  | 4491320  | 27.68%  | 0.489% |
| 398    | 23.204 | 23.151 | 23.309 | HH | 94212  | 8670871  | 53.43%  | 0.945% |
| 399    | 23.319 | 23.309 | 23.331 | HH | 88225  | 1208581  | 7.45%   | 0.132% |
| 400    | 23.351 | 23.331 | 23.449 | HH | 88859  | 6173752  | 38.04%  | 0.673% |
| 401    | 23.500 | 23.449 | 23.517 | HH | 88411  | 3578556  | 22.05%  | 0.390% |
| 402    | 23.554 | 23.517 | 23.615 | HH | 92199  | 5229260  | 32.22%  | 0.570% |
| 403    | 23.628 | 23.615 | 23.653 | HH | 86302  | 1982978  | 12.22%  | 0.216% |
| 404    | 23.711 | 23.653 | 23.738 | HH | 87247  | 4391169  | 27.06%  | 0.478% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 405 | 23.756 | 23.738 | 23.868 | HH | 86831  | 6704891 | 41.32% | 0.731% |
| 406 | 23.877 | 23.868 | 23.905 | HH | 84038  | 1862819 | 11.48% | 0.203% |
| 407 | 23.932 | 23.905 | 23.951 | HH | 83480  | 2296489 | 14.15% | 0.250% |
| 408 | 23.961 | 23.951 | 24.001 | HH | 83981  | 2502357 | 15.42% | 0.273% |
| 409 | 24.012 | 24.001 | 24.056 | HH | 82948  | 2698887 | 16.63% | 0.294% |
| 410 | 24.065 | 24.056 | 24.098 | HH | 82211  | 2075420 | 12.79% | 0.226% |
| 411 | 24.145 | 24.098 | 24.168 | HH | 82852  | 3474472 | 21.41% | 0.379% |
| 412 | 24.181 | 24.168 | 24.214 | HH | 82663  | 2268781 | 13.98% | 0.247% |
| 413 | 24.226 | 24.214 | 24.255 | HH | 82486  | 1982123 | 12.21% | 0.216% |
| 414 | 24.276 | 24.255 | 24.298 | HH | 82339  | 2131548 | 13.13% | 0.232% |
| 415 | 24.308 | 24.298 | 24.328 | HH | 81896  | 1458275 | 8.99%  | 0.159% |
| 416 | 24.384 | 24.328 | 24.447 | HH | 87572  | 5983857 | 36.87% | 0.652% |
| 417 | 24.458 | 24.447 | 24.575 | HH | 82300  | 6201902 | 38.22% | 0.676% |
| 418 | 24.590 | 24.575 | 24.625 | HH | 79684  | 2387179 | 14.71% | 0.260% |
| 419 | 24.637 | 24.625 | 24.721 | HH | 78681  | 4498338 | 27.72% | 0.490% |
| 420 | 24.735 | 24.721 | 24.751 | HH | 78305  | 1406368 | 8.67%  | 0.153% |
| 421 | 24.773 | 24.751 | 24.793 | HH | 78673  | 1953533 | 12.04% | 0.213% |
| 422 | 24.809 | 24.793 | 24.826 | HH | 77984  | 1535247 | 9.46%  | 0.167% |
| 423 | 24.846 | 24.826 | 24.871 | HH | 78380  | 2147884 | 13.24% | 0.234% |
| 424 | 24.875 | 24.871 | 24.899 | HH | 78025  | 1302932 | 8.03%  | 0.142% |
| 425 | 24.909 | 24.899 | 24.933 | HH | 78235  | 1564494 | 9.64%  | 0.170% |
| 426 | 24.946 | 24.933 | 24.958 | HH | 78198  | 1181147 | 7.28%  | 0.129% |
| 427 | 24.972 | 24.958 | 24.986 | HH | 77964  | 1297730 | 8.00%  | 0.141% |
| 428 | 25.012 | 24.986 | 25.029 | HH | 78578  | 1991798 | 12.27% | 0.217% |
| 429 | 25.048 | 25.029 | 25.078 | HH | 77869  | 2296480 | 14.15% | 0.250% |
| 430 | 25.101 | 25.078 | 25.127 | HH | 77753  | 2288115 | 14.10% | 0.249% |
| 431 | 25.157 | 25.127 | 25.168 | HH | 77939  | 1898467 | 11.70% | 0.207% |
| 432 | 25.191 | 25.168 | 25.223 | HH | 77678  | 2533088 | 15.61% | 0.276% |
| 433 | 25.233 | 25.223 | 25.255 | HH | 77678  | 1491638 | 9.19%  | 0.163% |
| 434 | 25.278 | 25.255 | 25.290 | HH | 77496  | 1617041 | 9.96%  | 0.176% |
| 435 | 25.354 | 25.290 | 25.427 | HH | 78842  | 6353701 | 39.15% | 0.692% |
| 436 | 25.439 | 25.427 | 25.457 | HH | 75706  | 1349608 | 8.32%  | 0.147% |
| 437 | 25.468 | 25.457 | 25.514 | HH | 75494  | 2568748 | 15.83% | 0.280% |
| 438 | 25.529 | 25.514 | 25.588 | HH | 74530  | 3286591 | 20.25% | 0.358% |
| 439 | 25.599 | 25.588 | 25.609 | HH | 74498  | 950492  | 5.86%  | 0.104% |
| 440 | 25.618 | 25.609 | 25.641 | HH | 74483  | 1408561 | 8.68%  | 0.153% |
| 441 | 25.666 | 25.641 | 25.750 | HH | 74697  | 4854491 | 29.91% | 0.529% |
| 442 | 25.769 | 25.750 | 25.804 | HH | 74903  | 2401713 | 14.80% | 0.262% |
| 443 | 25.815 | 25.804 | 25.831 | HH | 74228  | 1212104 | 7.47%  | 0.132% |
| 444 | 25.842 | 25.831 | 25.848 | HH | 73873  | 751532  | 4.63%  | 0.082% |
| 445 | 25.883 | 25.848 | 25.908 | HH | 74677  | 2670077 | 16.45% | 0.291% |
| 446 | 25.919 | 25.908 | 25.935 | HH | 74255  | 1182845 | 7.29%  | 0.129% |
| 447 | 25.945 | 25.935 | 25.970 | HH | 74063  | 1556534 | 9.59%  | 0.170% |
| 448 | 25.981 | 25.970 | 25.995 | HH | 74227  | 1101544 | 6.79%  | 0.120% |
| 449 | 26.006 | 25.995 | 26.015 | HH | 73962  | 880985  | 5.43%  | 0.096% |
| 450 | 26.044 | 26.015 | 26.091 | HH | 74442  | 3389043 | 20.88% | 0.369% |
| 451 | 26.136 | 26.091 | 26.149 | HH | 74038  | 2561481 | 15.78% | 0.279% |
| 452 | 26.159 | 26.149 | 26.205 | HH | 74156  | 2464201 | 15.18% | 0.269% |
| 453 | 26.218 | 26.205 | 26.256 | HH | 73075  | 2230299 | 13.74% | 0.243% |
| 454 | 26.273 | 26.256 | 26.288 | HH | 72648  | 1388588 | 8.56%  | 0.151% |
| 455 | 26.298 | 26.288 | 26.308 | HH | 72240  | 849622  | 5.24%  | 0.093% |
| 456 | 26.326 | 26.308 | 26.365 | HH | 72708  | 2466659 | 15.20% | 0.269% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     | rteres                  |         |           |        |
| 457 | 26.382 | 26.365 | 26.395 | HH  | 72885                   | 1300842 | 8.02%     | 0.142% |
| 458 | 26.405 | 26.395 | 26.415 | HH  | 72608                   | 877169  | 5.41%     | 0.096% |
| 459 | 26.472 | 26.415 | 26.554 | HH  | 73965                   | 6051416 | 37.29%    | 0.659% |
| 460 | 26.582 | 26.554 | 26.601 | HH  | 71001                   | 2013364 | 12.41%    | 0.219% |
| 461 | 26.620 | 26.601 | 26.667 | HH  | 71078                   | 2789230 | 17.19%    | 0.304% |
| 462 | 26.687 | 26.667 | 26.701 | HHA | 71344                   | 1533434 | 9.45%     | 0.167% |
|     |        |        |        |     | Sum of corrected areas: |         | 917695878 |        |

C44-FE042118.M Mon May 07 10:27:28 2018 RPT-1