

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032621\  
 Data File : FE033456.D  
 Signal(s) : FID1B.CH  
 Acq On : 26 Mar 2021 18:40  
 Sample : M1821-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE031621.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         | 2.435       | 2.393        | 2.491      | BH       | 6259           | 26567        | 0.23%          | 0.006%        |
| 2         | 2.498       | 2.491        | 2.542      | PH       | -871           | -34373       | -0.30%         | -0.008%       |
| 3         | 2.547       | 2.542        | 2.553      | PH       | -1300          | -8437        | -0.07%         | -0.002%       |
| 4         | 2.565       | 2.553        | 2.578      | PH       | -817           | -17827       | -0.15%         | -0.004%       |
| 5         | 2.595       | 2.578        | 2.641      | PH       | -419           | -47589       | -0.41%         | -0.011%       |
| 6         | 2.658       | 2.641        | 2.686      | PH       | 1069           | -30496       | -0.26%         | -0.007%       |
| 7         | 2.702       | 2.686        | 2.733      | PH       | 62             | -35294       | -0.31%         | -0.008%       |
| 8         | 2.739       | 2.733        | 2.744      | PH       | -2245          | -14852       | -0.13%         | -0.003%       |
| 9         | 2.756       | 2.744        | 2.771      | PH       | -1571          | -31916       | -0.28%         | -0.007%       |
| 10        | 2.780       | 2.771        | 2.854      | PH       | -2051          | -129112      | -1.12%         | -0.030%       |
| 11        | 2.883       | 2.854        | 2.896      | PH       | -820           | -53618       | -0.47%         | -0.012%       |
| 12        | 2.901       | 2.896        | 2.946      | PH       | -2585          | -89453       | -0.78%         | -0.021%       |
| 13        | 2.970       | 2.946        | 3.012      | PH       | 3044           | -51168       | -0.44%         | -0.012%       |
| 14        | 3.033       | 3.012        | 3.043      | PH       | -2403          | -52781       | -0.46%         | -0.012%       |
| 15        | 3.064       | 3.043        | 3.082      | PH       | -2054          | -56977       | -0.49%         | -0.013%       |
| 16        | 3.091       | 3.082        | 3.109      | PH       | -2279          | -44370       | -0.39%         | -0.010%       |
| 17        | 3.124       | 3.109        | 3.129      | PH       | -2581          | -35858       | -0.31%         | -0.008%       |
| 18        | 3.141       | 3.129        | 3.166      | PH       | -615           | -55594       | -0.48%         | -0.013%       |
| 19        | 3.189       | 3.166        | 3.206      | PH       | 1114           | -51478       | -0.45%         | -0.012%       |
| 20        | 3.219       | 3.206        | 3.235      | PH       | -2886          | -59108       | -0.51%         | -0.014%       |
| 21        | 3.256       | 3.235        | 3.272      | PH       | -3048          | -75247       | -0.65%         | -0.017%       |
| 22        | 3.282       | 3.272        | 3.294      | PH       | -3666          | -50250       | -0.44%         | -0.012%       |
| 23        | 3.309       | 3.294        | 3.369      | PH       | 156            | -144248      | -1.25%         | -0.034%       |
| 24        | 3.385       | 3.369        | 3.398      | PH       | -3815          | -69877       | -0.61%         | -0.016%       |
| 25        | 3.403       | 3.398        | 3.411      | PH       | -4092          | -32295       | -0.28%         | -0.008%       |
| 26        | 3.429       | 3.411        | 3.447      | PH       | 7455           | 6311         | 0.05%          | 0.001%        |
| 27        | 3.452       | 3.447        | 3.461      | PH       | -3552          | -30061       | -0.26%         | -0.007%       |
| 28        | 3.467       | 3.461        | 3.498      | PH       | -3677          | -90535       | -0.79%         | -0.021%       |
| 29        | 3.508       | 3.498        | 3.514      | PH       | -4277          | -41238       | -0.36%         | -0.010%       |
| 30        | 3.540       | 3.514        | 3.606      | PH       | -2821          | -197216      | -1.71%         | -0.046%       |
| 31        | 3.609       | 3.606        | 3.614      | PH       | -3940          | -19837       | -0.17%         | -0.005%       |
| 32        | 3.624       | 3.614        | 3.659      | PH       | -3798          | -110199      | -0.96%         | -0.026%       |
| 33        | 3.666       | 3.659        | 3.672      | PH       | -4250          | -35746       | -0.31%         | -0.008%       |
| 34        | 3.714       | 3.672        | 3.728      | PH       | -3088          | -124116      | -1.08%         | -0.029%       |
| 35        | 3.737       | 3.728        | 3.777      | PH       | -3696          | -121527      | -1.06%         | -0.028%       |
| 36        | 3.797       | 3.777        | 3.823      | PH       | -2175          | -96441       | -0.84%         | -0.022%       |

|    |       |       |       |    | rteres |         |        |         |
|----|-------|-------|-------|----|--------|---------|--------|---------|
| 37 | 3.834 | 3.823 | 3.847 | PH | -3895  | -58571  | -0.51% | -0.014% |
| 38 | 3.867 | 3.847 | 3.901 | PH | -3436  | -131402 | -1.14% | -0.031% |
| 39 | 3.917 | 3.901 | 3.928 | PH | -2229  | -53727  | -0.47% | -0.012% |
| 40 | 3.937 | 3.928 | 3.952 | PH | -2942  | -53500  | -0.46% | -0.012% |
| 41 | 3.966 | 3.952 | 3.981 | PH | -3897  | -74441  | -0.65% | -0.017% |
| 42 | 4.000 | 3.981 | 4.036 | PH | -1097  | -116527 | -1.01% | -0.027% |
| 43 | 4.062 | 4.036 | 4.080 | PH | 49676  | 307917  | 2.67%  | 0.072%  |
| 44 | 4.094 | 4.080 | 4.108 | PH | 1658   | -1687   | -0.01% | -0.000% |
| 45 | 4.112 | 4.108 | 4.138 | PH | -2454  | -63702  | -0.55% | -0.015% |
| 46 | 4.148 | 4.138 | 4.158 | PH | -4269  | -52919  | -0.46% | -0.012% |
| 47 | 4.181 | 4.158 | 4.206 | PH | -3193  | -119238 | -1.04% | -0.028% |
| 48 | 4.237 | 4.206 | 4.241 | PH | 589    | -63192  | -0.55% | -0.015% |
| 49 | 4.250 | 4.241 | 4.274 | HH | 1827   | -22051  | -0.19% | -0.005% |
| 50 | 4.282 | 4.274 | 4.305 | PH | -3583  | -73082  | -0.63% | -0.017% |
| 51 | 4.309 | 4.305 | 4.314 | PH | -4398  | -25711  | -0.22% | -0.006% |
| 52 | 4.316 | 4.314 | 4.320 | PH | -4359  | -16369  | -0.14% | -0.004% |
| 53 | 4.341 | 4.320 | 4.377 | PH | -4323  | -154950 | -1.35% | -0.036% |
| 54 | 4.412 | 4.377 | 4.427 | PH | -4307  | -137715 | -1.20% | -0.032% |
| 55 | 4.447 | 4.427 | 4.460 | PH | -4118  | -87012  | -0.76% | -0.020% |
| 56 | 4.481 | 4.460 | 4.504 | PH | 8870   | 5311    | 0.05%  | 0.001%  |
| 57 | 4.527 | 4.504 | 4.544 | PH | -1327  | -72809  | -0.63% | -0.017% |
| 58 | 4.555 | 4.544 | 4.567 | PH | -3551  | -53572  | -0.47% | -0.012% |
| 59 | 4.587 | 4.567 | 4.602 | PH | -3556  | -81342  | -0.71% | -0.019% |
| 60 | 4.624 | 4.602 | 4.669 | PH | 51124  | 336526  | 2.92%  | 0.078%  |
| 61 | 4.698 | 4.669 | 4.719 | PH | -3088  | -114988 | -1.00% | -0.027% |
| 62 | 4.734 | 4.719 | 4.752 | PH | -2503  | -74409  | -0.65% | -0.017% |
| 63 | 4.765 | 4.752 | 4.780 | PH | -3908  | -70866  | -0.62% | -0.016% |
| 64 | 4.789 | 4.780 | 4.797 | PH | -4262  | -43680  | -0.38% | -0.010% |
| 65 | 4.813 | 4.797 | 4.827 | PH | -1335  | -56633  | -0.49% | -0.013% |
| 66 | 4.833 | 4.827 | 4.843 | PH | -3960  | -37159  | -0.32% | -0.009% |
| 67 | 4.859 | 4.843 | 4.877 | PH | -3027  | -78043  | -0.68% | -0.018% |
| 68 | 4.896 | 4.877 | 4.920 | PH | -3016  | -105905 | -0.92% | -0.025% |
| 69 | 4.934 | 4.920 | 4.945 | PH | -3693  | -62781  | -0.55% | -0.015% |
| 70 | 4.953 | 4.945 | 4.971 | PH | -4087  | -69344  | -0.60% | -0.016% |
| 71 | 4.979 | 4.971 | 4.991 | PH | -4791  | -58820  | -0.51% | -0.014% |
| 72 | 5.011 | 4.991 | 5.033 | PH | -3489  | -108111 | -0.94% | -0.025% |
| 73 | 5.046 | 5.033 | 5.056 | PH | -3948  | -61110  | -0.53% | -0.014% |
| 74 | 5.073 | 5.056 | 5.100 | PH | -1105  | -84962  | -0.74% | -0.020% |
| 75 | 5.119 | 5.100 | 5.143 | PH | -3056  | -98903  | -0.86% | -0.023% |
| 76 | 5.155 | 5.143 | 5.184 | PH | -2835  | -96059  | -0.83% | -0.022% |
| 77 | 5.198 | 5.184 | 5.207 | PH | -3192  | -54113  | -0.47% | -0.013% |
| 78 | 5.218 | 5.207 | 5.239 | PH | -3054  | -77925  | -0.68% | -0.018% |
| 79 | 5.252 | 5.239 | 5.269 | PH | -3951  | -82713  | -0.72% | -0.019% |
| 80 | 5.333 | 5.269 | 5.352 | PH | -1131  | -197830 | -1.72% | -0.046% |
| 81 | 5.358 | 5.352 | 5.361 | PH | -4439  | -24265  | -0.21% | -0.006% |
| 82 | 5.366 | 5.361 | 5.373 | PH | -4438  | -30665  | -0.27% | -0.007% |
| 83 | 5.390 | 5.373 | 5.424 | PH | -305   | -99643  | -0.87% | -0.023% |
| 84 | 5.441 | 5.424 | 5.453 | PH | -4829  | -87240  | -0.76% | -0.020% |
| 85 | 5.464 | 5.453 | 5.486 | PH | -4841  | -98752  | -0.86% | -0.023% |
| 86 | 5.512 | 5.486 | 5.531 | PH | 9299   | 5600    | 0.05%  | 0.001%  |
| 87 | 5.561 | 5.531 | 5.597 | PH | 3329   | -77652  | -0.67% | -0.018% |
| 88 | 5.622 | 5.597 | 5.659 | PH | -4346  | -176957 | -1.54% | -0.041% |
| 89 | 5.702 | 5.659 | 5.720 | PH | -3090  | -152637 | -1.33% | -0.035% |

| rteres |       |       |       |    |       |         |        |         |
|--------|-------|-------|-------|----|-------|---------|--------|---------|
| 90     | 5.732 | 5.720 | 5.744 | PH | -4159 | -63125  | -0.55% | -0.015% |
| 91     | 5.797 | 5.744 | 5.808 | PH | -2289 | -148691 | -1.29% | -0.035% |
| 92     | 5.814 | 5.808 | 5.834 | PH | -2868 | -56059  | -0.49% | -0.013% |
| 93     | 5.854 | 5.834 | 5.873 | PH | 3339  | -27444  | -0.24% | -0.006% |
| 94     | 5.884 | 5.873 | 5.897 | PH | -3628 | -56178  | -0.49% | -0.013% |
| 95     | 5.903 | 5.897 | 5.916 | PH | -3955 | -46289  | -0.40% | -0.011% |
| 96     | 5.937 | 5.916 | 5.951 | PH | -3816 | -88905  | -0.77% | -0.021% |
| 97     | 5.967 | 5.951 | 5.986 | PH | -3744 | -91345  | -0.79% | -0.021% |
| 98     | 6.016 | 5.986 | 6.024 | PH | -2649 | -82439  | -0.72% | -0.019% |
| 99     | 6.036 | 6.024 | 6.044 | PH | -1880 | -29223  | -0.25% | -0.007% |
| 100    | 6.063 | 6.044 | 6.087 | PH | 18550 | 116110  | 1.01%  | 0.027%  |
| 101    | 6.110 | 6.087 | 6.135 | PH | -740  | -86586  | -0.75% | -0.020% |
| 102    | 6.153 | 6.135 | 6.180 | PH | -3198 | -111696 | -0.97% | -0.026% |
| 103    | 6.210 | 6.180 | 6.230 | PH | -398  | -80887  | -0.70% | -0.019% |
| 104    | 6.238 | 6.230 | 6.263 | PH | -4210 | -89013  | -0.77% | -0.021% |
| 105    | 6.300 | 6.263 | 6.316 | PH | -3809 | -130202 | -1.13% | -0.030% |
| 106    | 6.336 | 6.316 | 6.364 | PH | -1684 | -92660  | -0.80% | -0.022% |
| 107    | 6.382 | 6.364 | 6.395 | PH | -4181 | -80352  | -0.70% | -0.019% |
| 108    | 6.429 | 6.395 | 6.459 | PH | -3861 | -168253 | -1.46% | -0.039% |
| 109    | 6.492 | 6.459 | 6.502 | PH | 7754  | 3731    | 0.03%  | 0.001%  |
| 110    | 6.512 | 6.502 | 6.543 | HH | 7288  | 2420    | 0.02%  | 0.001%  |
| 111    | 6.587 | 6.543 | 6.600 | PH | -4175 | -150720 | -1.31% | -0.035% |
| 112    | 6.639 | 6.600 | 6.664 | PH | -1069 | -126230 | -1.10% | -0.029% |
| 113    | 6.691 | 6.664 | 6.705 | PH | -4012 | -109210 | -0.95% | -0.025% |
| 114    | 6.713 | 6.705 | 6.730 | PH | -4403 | -68853  | -0.60% | -0.016% |
| 115    | 6.747 | 6.730 | 6.752 | PH | -4635 | -64546  | -0.56% | -0.015% |
| 116    | 6.776 | 6.752 | 6.796 | PH | -3325 | -102548 | -0.89% | -0.024% |
| 117    | 6.811 | 6.796 | 6.843 | PH | -3025 | -108341 | -0.94% | -0.025% |
| 118    | 6.852 | 6.843 | 6.867 | PH | -4488 | -66109  | -0.57% | -0.015% |
| 119    | 6.872 | 6.867 | 6.877 | PH | -4594 | -28498  | -0.25% | -0.007% |
| 120    | 6.894 | 6.877 | 6.924 | PH | -4109 | -124819 | -1.08% | -0.029% |
| 121    | 6.947 | 6.924 | 6.957 | PH | -1883 | -64964  | -0.56% | -0.015% |
| 122    | 6.967 | 6.957 | 6.989 | PH | -2534 | -56845  | -0.49% | -0.013% |
| 123    | 7.003 | 6.989 | 7.016 | PH | -2957 | -51946  | -0.45% | -0.012% |
| 124    | 7.022 | 7.016 | 7.037 | PH | -3144 | -46641  | -0.41% | -0.011% |
| 125    | 7.052 | 7.037 | 7.078 | PH | -3494 | -98003  | -0.85% | -0.023% |
| 126    | 7.117 | 7.078 | 7.135 | PH | 11324 | 8283    | 0.07%  | 0.002%  |
| 127    | 7.146 | 7.135 | 7.173 | PH | -2524 | -73836  | -0.64% | -0.017% |
| 128    | 7.193 | 7.173 | 7.230 | PH | -1167 | -110780 | -0.96% | -0.026% |
| 129    | 7.252 | 7.230 | 7.274 | PH | 5489  | -24562  | -0.21% | -0.006% |
| 130    | 7.287 | 7.274 | 7.308 | PH | -3713 | -84853  | -0.74% | -0.020% |
| 131    | 7.320 | 7.308 | 7.350 | PH | -4162 | -115376 | -1.00% | -0.027% |
| 132    | 7.374 | 7.350 | 7.390 | PH | -3941 | -104825 | -0.91% | -0.024% |
| 133    | 7.415 | 7.390 | 7.450 | PH | 5713  | -64048  | -0.56% | -0.015% |
| 134    | 7.470 | 7.450 | 7.474 | PH | -4270 | -66216  | -0.58% | -0.015% |
| 135    | 7.489 | 7.474 | 7.517 | PH | -3656 | -105528 | -0.92% | -0.025% |
| 136    | 7.540 | 7.517 | 7.559 | PH | -3822 | -101820 | -0.88% | -0.024% |
| 137    | 7.566 | 7.559 | 7.574 | PH | -4168 | -39827  | -0.35% | -0.009% |
| 138    | 7.589 | 7.574 | 7.614 | PH | -3673 | -99297  | -0.86% | -0.023% |
| 139    | 7.631 | 7.614 | 7.657 | PH | -4015 | -114044 | -0.99% | -0.026% |
| 140    | 7.668 | 7.657 | 7.686 | PH | -4534 | -80440  | -0.70% | -0.019% |
| 141    | 7.706 | 7.686 | 7.732 | PH | -1277 | -87629  | -0.76% | -0.020% |

|     |       |       |       |    | rteres |         |        |         |
|-----|-------|-------|-------|----|--------|---------|--------|---------|
| 142 | 7.756 | 7.732 | 7.794 | PH | -3788  | -156674 | -1.36% | -0.036% |
| 143 | 7.840 | 7.794 | 7.857 | PH | 5098   | -56155  | -0.49% | -0.013% |
| 144 | 7.870 | 7.857 | 7.882 | PH | -75    | -19480  | -0.17% | -0.005% |
| 145 | 7.895 | 7.882 | 7.921 | PH | 987    | -42521  | -0.37% | -0.010% |
| 146 | 7.937 | 7.921 | 7.956 | PH | -3118  | -79824  | -0.69% | -0.019% |
| 147 | 7.981 | 7.956 | 7.988 | PH | -1991  | -61534  | -0.53% | -0.014% |
| 148 | 7.996 | 7.988 | 8.024 | PH | -2020  | -56834  | -0.49% | -0.013% |
| 149 | 8.038 | 8.024 | 8.053 | PH | -2906  | -59309  | -0.52% | -0.014% |
| 150 | 8.065 | 8.053 | 8.075 | PH | -3665  | -52750  | -0.46% | -0.012% |
| 151 | 8.108 | 8.075 | 8.148 | PH | 3091   | -70021  | -0.61% | -0.016% |
| 152 | 8.178 | 8.148 | 8.193 | PH | -1306  | -80585  | -0.70% | -0.019% |
| 153 | 8.213 | 8.193 | 8.228 | PH | 4457   | 6606    | 0.06%  | 0.002%  |
| 154 | 8.251 | 8.228 | 8.268 | PH | 8556   | 91810   | 0.80%  | 0.021%  |
| 155 | 8.285 | 8.268 | 8.303 | HH | 13058  | 103784  | 0.90%  | 0.024%  |
| 156 | 8.323 | 8.303 | 8.335 | PH | 49340  | 456010  | 3.96%  | 0.106%  |
| 157 | 8.345 | 8.335 | 8.367 | HH | 36708  | 321185  | 2.79%  | 0.075%  |
| 158 | 8.397 | 8.367 | 8.440 | PH | 25408  | 183798  | 1.60%  | 0.043%  |
| 159 | 8.452 | 8.440 | 8.468 | PH | -2803  | -51222  | -0.44% | -0.012% |
| 160 | 8.486 | 8.468 | 8.501 | PH | -2425  | -64248  | -0.56% | -0.015% |
| 161 | 8.516 | 8.501 | 8.552 | PH | -2875  | -104474 | -0.91% | -0.024% |
| 162 | 8.566 | 8.552 | 8.591 | PH | -3443  | -87939  | -0.76% | -0.020% |
| 163 | 8.609 | 8.591 | 8.621 | PH | -3829  | -74251  | -0.64% | -0.017% |
| 164 | 8.647 | 8.621 | 8.670 | PH | 644    | -60383  | -0.52% | -0.014% |
| 165 | 8.692 | 8.670 | 8.714 | PH | 11441  | 54441   | 0.47%  | 0.013%  |
| 166 | 8.752 | 8.714 | 8.789 | PH | 5670   | 9499    | 0.08%  | 0.002%  |
| 167 | 8.821 | 8.789 | 8.858 | PH | 1024   | -72330  | -0.63% | -0.017% |
| 168 | 8.874 | 8.858 | 8.890 | PH | -2388  | -60501  | -0.53% | -0.014% |
| 169 | 8.907 | 8.890 | 8.917 | PH | -2035  | -42852  | -0.37% | -0.010% |
| 170 | 8.933 | 8.917 | 8.947 | PH | 92     | -25133  | -0.22% | -0.006% |
| 171 | 8.964 | 8.947 | 8.992 | PH | 7800   | 22344   | 0.19%  | 0.005%  |
| 172 | 9.022 | 8.992 | 9.040 | PH | -1686  | -73890  | -0.64% | -0.017% |
| 173 | 9.054 | 9.040 | 9.072 | PH | -1848  | -49518  | -0.43% | -0.012% |
| 174 | 9.106 | 9.072 | 9.126 | PH | 10118  | 39916   | 0.35%  | 0.009%  |
| 175 | 9.141 | 9.126 | 9.179 | PH | 464    | -67550  | -0.59% | -0.016% |
| 176 | 9.197 | 9.179 | 9.212 | PH | -2741  | -62481  | -0.54% | -0.015% |
| 177 | 9.220 | 9.212 | 9.234 | PH | -3235  | -42122  | -0.37% | -0.010% |
| 178 | 9.257 | 9.234 | 9.273 | PH | 412    | -40484  | -0.35% | -0.009% |
| 179 | 9.288 | 9.273 | 9.319 | PH | 38     | -58766  | -0.51% | -0.014% |
| 180 | 9.343 | 9.319 | 9.366 | PH | 2815   | -26185  | -0.23% | -0.006% |
| 181 | 9.392 | 9.366 | 9.409 | PH | 240    | -41179  | -0.36% | -0.010% |
| 182 | 9.428 | 9.409 | 9.452 | PH | 2180   | -15657  | -0.14% | -0.004% |
| 183 | 9.476 | 9.452 | 9.512 | PH | 9507   | 64820   | 0.56%  | 0.015%  |
| 184 | 9.526 | 9.512 | 9.535 | PH | -1641  | -25650  | -0.22% | -0.006% |
| 185 | 9.556 | 9.535 | 9.586 | PH | 1704   | -9362   | -0.08% | -0.002% |
| 186 | 9.599 | 9.586 | 9.604 | PH | -835   | -13372  | -0.12% | -0.003% |
| 187 | 9.623 | 9.604 | 9.643 | PH | 3527   | 22944   | 0.20%  | 0.005%  |
| 188 | 9.659 | 9.643 | 9.671 | PH | -422   | -14386  | -0.12% | -0.003% |
| 189 | 9.685 | 9.671 | 9.699 | PH | 405    | -5797   | -0.05% | -0.001% |
| 190 | 9.705 | 9.699 | 9.717 | PH | -744   | -11844  | -0.10% | -0.003% |
| 191 | 9.750 | 9.717 | 9.776 | PH | 39     | -28890  | -0.25% | -0.007% |
| 192 | 9.798 | 9.776 | 9.835 | PH | 5154   | 35066   | 0.30%  | 0.008%  |
| 193 | 9.846 | 9.835 | 9.864 | PH | -545   | -16022  | -0.14% | -0.004% |
| 194 | 9.888 | 9.864 | 9.939 | PH | 12626  | 147489  | 1.28%  | 0.034%  |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
|     |        |        |        |    | rteres |         |        |         |
| 195 | 9.960  | 9.939  | 9.979  | PH | 1031   | -7942   | -0.07% | -0.002% |
| 196 | 9.990  | 9.979  | 10.019 | PH | 431    | -20388  | -0.18% | -0.005% |
| 197 | 10.040 | 10.019 | 10.085 | PH | -96    | -33032  | -0.29% | -0.008% |
| 198 | 10.097 | 10.085 | 10.123 | PH | -1214  | -33189  | -0.29% | -0.008% |
| 199 | 10.135 | 10.123 | 10.143 | PH | -1584  | -19627  | -0.17% | -0.005% |
| 200 | 10.166 | 10.143 | 10.190 | PH | 798    | -5576   | -0.05% | -0.001% |
| 201 | 10.222 | 10.190 | 10.251 | PH | 4334   | 58190   | 0.51%  | 0.014%  |
| 202 | 10.272 | 10.251 | 10.295 | HH | 4933   | 65715   | 0.57%  | 0.015%  |
| 203 | 10.329 | 10.295 | 10.342 | HH | 5651   | 81557   | 0.71%  | 0.019%  |
| 204 | 10.356 | 10.342 | 10.379 | HH | 7661   | 100240  | 0.87%  | 0.023%  |
| 205 | 10.409 | 10.379 | 10.428 | HH | 6467   | 124144  | 1.08%  | 0.029%  |
| 206 | 10.437 | 10.428 | 10.456 | HH | 3995   | 55304   | 0.48%  | 0.013%  |
| 207 | 10.473 | 10.456 | 10.490 | HH | 6993   | 99878   | 0.87%  | 0.023%  |
| 208 | 10.522 | 10.490 | 10.541 | HH | 16800  | 280479  | 2.44%  | 0.065%  |
| 209 | 10.551 | 10.541 | 10.565 | HH | 5722   | 72380   | 0.63%  | 0.017%  |
| 210 | 10.573 | 10.565 | 10.589 | HH | 4931   | 60823   | 0.53%  | 0.014%  |
| 211 | 10.624 | 10.589 | 10.635 | HH | 12635  | 204986  | 1.78%  | 0.048%  |
| 212 | 10.643 | 10.635 | 10.658 | HH | 10566  | 119131  | 1.03%  | 0.028%  |
| 213 | 10.678 | 10.658 | 10.718 | HH | 13729  | 330090  | 2.87%  | 0.077%  |
| 214 | 10.726 | 10.718 | 10.737 | HH | 5871   | 62686   | 0.54%  | 0.015%  |
| 215 | 10.767 | 10.737 | 10.794 | HH | 18067  | 316604  | 2.75%  | 0.074%  |
| 216 | 10.807 | 10.794 | 10.829 | HH | 3376   | 63564   | 0.55%  | 0.015%  |
| 217 | 10.845 | 10.829 | 10.852 | HH | 4824   | 50765   | 0.44%  | 0.012%  |
| 218 | 10.878 | 10.852 | 10.919 | HH | 176406 | 1983328 | 17.22% | 0.461%  |
| 219 | 10.951 | 10.919 | 10.973 | HH | 51537  | 610751  | 5.30%  | 0.142%  |
| 220 | 10.997 | 10.973 | 11.034 | HH | 5408   | 145637  | 1.26%  | 0.034%  |
| 221 | 11.055 | 11.034 | 11.065 | HH | 3854   | 66473   | 0.58%  | 0.015%  |
| 222 | 11.079 | 11.065 | 11.088 | HH | 4150   | 50572   | 0.44%  | 0.012%  |
| 223 | 11.104 | 11.088 | 11.110 | HH | 5324   | 62190   | 0.54%  | 0.014%  |
| 224 | 11.124 | 11.110 | 11.143 | HH | 6476   | 105931  | 0.92%  | 0.025%  |
| 225 | 11.161 | 11.143 | 11.205 | HH | 16561  | 269164  | 2.34%  | 0.063%  |
| 226 | 11.234 | 11.205 | 11.244 | HH | 4595   | 87087   | 0.76%  | 0.020%  |
| 227 | 11.268 | 11.244 | 11.277 | HH | 6816   | 112235  | 0.97%  | 0.026%  |
| 228 | 11.286 | 11.277 | 11.304 | HH | 6975   | 103768  | 0.90%  | 0.024%  |
| 229 | 11.327 | 11.304 | 11.356 | HH | 13599  | 284024  | 2.47%  | 0.066%  |
| 230 | 11.415 | 11.356 | 11.447 | HH | 14316  | 494294  | 4.29%  | 0.115%  |
| 231 | 11.477 | 11.447 | 11.497 | HH | 10898  | 214150  | 1.86%  | 0.050%  |
| 232 | 11.523 | 11.497 | 11.549 | HH | 14113  | 297838  | 2.59%  | 0.069%  |
| 233 | 11.578 | 11.549 | 11.609 | HH | 14539  | 355808  | 3.09%  | 0.083%  |
| 234 | 11.631 | 11.609 | 11.654 | HH | 9030   | 215141  | 1.87%  | 0.050%  |
| 235 | 11.679 | 11.654 | 11.694 | HH | 37422  | 514889  | 4.47%  | 0.120%  |
| 236 | 11.710 | 11.694 | 11.732 | HH | 48324  | 615466  | 5.34%  | 0.143%  |
| 237 | 11.744 | 11.732 | 11.753 | HH | 10054  | 120223  | 1.04%  | 0.028%  |
| 238 | 11.776 | 11.753 | 11.781 | HH | 25167  | 299281  | 2.60%  | 0.070%  |
| 239 | 11.795 | 11.781 | 11.811 | HH | 39337  | 497456  | 4.32%  | 0.116%  |
| 240 | 11.827 | 11.811 | 11.841 | HH | 30342  | 400558  | 3.48%  | 0.093%  |
| 241 | 11.858 | 11.841 | 11.885 | HH | 37825  | 570584  | 4.95%  | 0.133%  |
| 242 | 11.899 | 11.885 | 11.912 | HH | 9620   | 145824  | 1.27%  | 0.034%  |
| 243 | 11.935 | 11.912 | 11.959 | HH | 11317  | 278342  | 2.42%  | 0.065%  |
| 244 | 11.997 | 11.959 | 12.011 | HH | 18762  | 422434  | 3.67%  | 0.098%  |
| 245 | 12.030 | 12.011 | 12.054 | HH | 31672  | 507534  | 4.41%  | 0.118%  |
| 246 | 12.088 | 12.054 | 12.118 | HH | 16290  | 533659  | 4.63%  | 0.124%  |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 12.150 | 12.118 | 12.170 | HH | 32751  | 589930  | 5.12%  | 0.137% |
| 248    | 12.182 | 12.170 | 12.194 | HH | 14057  | 191503  | 1.66%  | 0.044% |
| 249    | 12.209 | 12.194 | 12.218 | HH | 14312  | 197807  | 1.72%  | 0.046% |
| 250    | 12.263 | 12.218 | 12.287 | HH | 268696 | 4317512 | 37.49% | 1.003% |
|        |        |        |        |    |        |         |        |        |
| 251    | 12.296 | 12.287 | 12.321 | HH | 24385  | 418791  | 3.64%  | 0.097% |
| 252    | 12.329 | 12.321 | 12.349 | HH | 16885  | 278255  | 2.42%  | 0.065% |
| 253    | 12.380 | 12.349 | 12.386 | HH | 17017  | 353054  | 3.07%  | 0.082% |
| 254    | 12.402 | 12.386 | 12.417 | HH | 20982  | 357993  | 3.11%  | 0.083% |
| 255    | 12.422 | 12.417 | 12.451 | HH | 19502  | 358371  | 3.11%  | 0.083% |
|        |        |        |        |    |        |         |        |        |
| 256    | 12.470 | 12.451 | 12.508 | HH | 24562  | 684485  | 5.94%  | 0.159% |
| 257    | 12.527 | 12.508 | 12.559 | HH | 32209  | 735563  | 6.39%  | 0.171% |
| 258    | 12.580 | 12.559 | 12.599 | HH | 42548  | 710955  | 6.17%  | 0.165% |
| 259    | 12.618 | 12.599 | 12.623 | HH | 29736  | 386693  | 3.36%  | 0.090% |
| 260    | 12.640 | 12.623 | 12.663 | HH | 34588  | 680810  | 5.91%  | 0.158% |
|        |        |        |        |    |        |         |        |        |
| 261    | 12.700 | 12.663 | 12.726 | HH | 346888 | 4453108 | 38.67% | 1.034% |
| 262    | 12.747 | 12.726 | 12.774 | HH | 61806  | 1031962 | 8.96%  | 0.240% |
| 263    | 12.793 | 12.774 | 12.806 | HH | 21596  | 376077  | 3.27%  | 0.087% |
| 264    | 12.831 | 12.806 | 12.846 | HH | 29531  | 586803  | 5.10%  | 0.136% |
| 265    | 12.883 | 12.846 | 12.926 | HH | 35150  | 1441088 | 12.51% | 0.335% |
|        |        |        |        |    |        |         |        |        |
| 266    | 12.931 | 12.926 | 12.950 | HH | 25091  | 345733  | 3.00%  | 0.080% |
| 267    | 12.998 | 12.950 | 13.020 | HH | 320700 | 4467048 | 38.79% | 1.038% |
| 268    | 13.050 | 13.020 | 13.065 | HH | 51946  | 955127  | 8.29%  | 0.222% |
| 269    | 13.081 | 13.065 | 13.114 | HH | 54496  | 1042742 | 9.05%  | 0.242% |
| 270    | 13.131 | 13.114 | 13.144 | HH | 24828  | 435172  | 3.78%  | 0.101% |
|        |        |        |        |    |        |         |        |        |
| 271    | 13.167 | 13.144 | 13.181 | HH | 34695  | 644113  | 5.59%  | 0.150% |
| 272    | 13.196 | 13.181 | 13.222 | HH | 29862  | 640240  | 5.56%  | 0.149% |
| 273    | 13.260 | 13.222 | 13.291 | HH | 61532  | 1531467 | 13.30% | 0.356% |
| 274    | 13.316 | 13.291 | 13.359 | HH | 57010  | 1626872 | 14.13% | 0.378% |
| 275    | 13.390 | 13.359 | 13.407 | HH | 39062  | 915723  | 7.95%  | 0.213% |
|        |        |        |        |    |        |         |        |        |
| 276    | 13.420 | 13.407 | 13.431 | HH | 32467  | 443829  | 3.85%  | 0.103% |
| 277    | 13.452 | 13.431 | 13.458 | HH | 51071  | 710744  | 6.17%  | 0.165% |
| 278    | 13.481 | 13.458 | 13.529 | HH | 123253 | 2513871 | 21.83% | 0.584% |
| 279    | 13.581 | 13.529 | 13.619 | HH | 83954  | 2430584 | 21.11% | 0.565% |
| 280    | 13.649 | 13.619 | 13.666 | HH | 35480  | 913459  | 7.93%  | 0.212% |
|        |        |        |        |    |        |         |        |        |
| 281    | 13.691 | 13.666 | 13.712 | HH | 58161  | 1237935 | 10.75% | 0.288% |
| 282    | 13.729 | 13.712 | 13.752 | HH | 59158  | 1077816 | 9.36%  | 0.250% |
| 283    | 13.772 | 13.752 | 13.798 | HH | 39665  | 1007593 | 8.75%  | 0.234% |
| 284    | 13.838 | 13.798 | 13.845 | HH | 50108  | 1199765 | 10.42% | 0.279% |
| 285    | 13.859 | 13.845 | 13.879 | HH | 60304  | 1024906 | 8.90%  | 0.238% |
|        |        |        |        |    |        |         |        |        |
| 286    | 13.899 | 13.879 | 13.939 | HH | 58456  | 1503532 | 13.06% | 0.349% |
| 287    | 13.972 | 13.939 | 13.989 | HH | 41237  | 1098681 | 9.54%  | 0.255% |
| 288    | 14.005 | 13.989 | 14.028 | HH | 36919  | 845925  | 7.35%  | 0.196% |
| 289    | 14.059 | 14.028 | 14.093 | HH | 39424  | 1457623 | 12.66% | 0.339% |
| 290    | 14.108 | 14.093 | 14.120 | HH | 37859  | 581832  | 5.05%  | 0.135% |
|        |        |        |        |    |        |         |        |        |
| 291    | 14.125 | 14.120 | 14.149 | HH | 36363  | 626083  | 5.44%  | 0.145% |
| 292    | 14.164 | 14.149 | 14.179 | HH | 37265  | 659724  | 5.73%  | 0.153% |
| 293    | 14.198 | 14.179 | 14.206 | HH | 37515  | 574096  | 4.99%  | 0.133% |
| 294    | 14.226 | 14.206 | 14.243 | HH | 48947  | 963337  | 8.37%  | 0.224% |
| 295    | 14.274 | 14.243 | 14.282 | HH | 48787  | 1059695 | 9.20%  | 0.246% |
|        |        |        |        |    |        |         |        |        |
| 296    | 14.287 | 14.282 | 14.296 | HH | 48746  | 418340  | 3.63%  | 0.097% |
| 297    | 14.315 | 14.296 | 14.356 | HH | 65495  | 1746200 | 15.16% | 0.406% |
| 298    | 14.362 | 14.356 | 14.368 | HH | 40432  | 293098  | 2.55%  | 0.068% |
| 299    | 14.398 | 14.368 | 14.437 | HH | 52848  | 1965443 | 17.07% | 0.457% |

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    | rteres |          |         |        |
| 300 | 14.457 | 14.437 | 14.464 | HH | 48193  | 754319   | 6.55%   | 0.175% |
| 301 | 14.496 | 14.464 | 14.538 | HH | 66695  | 2382408  | 20.69%  | 0.553% |
| 302 | 14.560 | 14.538 | 14.581 | HH | 93205  | 1709627  | 14.85%  | 0.397% |
| 303 | 14.616 | 14.581 | 14.645 | HH | 78886  | 2246753  | 19.51%  | 0.522% |
| 304 | 14.682 | 14.645 | 14.696 | HH | 49902  | 1438486  | 12.49%  | 0.334% |
| 305 | 14.742 | 14.696 | 14.774 | HH | 720745 | 11515704 | 100.00% | 2.675% |
| 306 | 14.790 | 14.774 | 14.806 | HH | 50056  | 915221   | 7.95%   | 0.213% |
| 307 | 14.823 | 14.806 | 14.842 | HH | 57770  | 1140758  | 9.91%   | 0.265% |
| 308 | 14.874 | 14.842 | 14.894 | HH | 215374 | 3566311  | 30.97%  | 0.828% |
| 309 | 14.916 | 14.894 | 14.949 | HH | 223004 | 3657466  | 31.76%  | 0.850% |
| 310 | 14.961 | 14.949 | 14.991 | HH | 55496  | 1336361  | 11.60%  | 0.310% |
| 311 | 15.034 | 14.991 | 15.063 | HH | 84196  | 2627903  | 22.82%  | 0.610% |
| 312 | 15.076 | 15.063 | 15.087 | HH | 54194  | 765987   | 6.65%   | 0.178% |
| 313 | 15.108 | 15.087 | 15.142 | HH | 62391  | 1821966  | 15.82%  | 0.423% |
| 314 | 15.171 | 15.142 | 15.195 | HH | 65842  | 1814014  | 15.75%  | 0.421% |
| 315 | 15.211 | 15.195 | 15.221 | HH | 61512  | 904254   | 7.85%   | 0.210% |
| 316 | 15.227 | 15.221 | 15.275 | HH | 59947  | 1785568  | 15.51%  | 0.415% |
| 317 | 15.282 | 15.275 | 15.286 | HH | 51875  | 325729   | 2.83%   | 0.076% |
| 318 | 15.319 | 15.286 | 15.377 | HH | 377440 | 7261462  | 63.06%  | 1.687% |
| 319 | 15.382 | 15.377 | 15.403 | HH | 56436  | 874410   | 7.59%   | 0.203% |
| 320 | 15.459 | 15.403 | 15.480 | HH | 64344  | 2693336  | 23.39%  | 0.626% |
| 321 | 15.504 | 15.480 | 15.522 | HH | 69478  | 1626922  | 14.13%  | 0.378% |
| 322 | 15.545 | 15.522 | 15.566 | HH | 97448  | 2042731  | 17.74%  | 0.474% |
| 323 | 15.582 | 15.566 | 15.604 | HH | 74943  | 1505141  | 13.07%  | 0.350% |
| 324 | 15.628 | 15.604 | 15.643 | HH | 66510  | 1440055  | 12.51%  | 0.334% |
| 325 | 15.686 | 15.643 | 15.693 | HH | 80978  | 2170173  | 18.85%  | 0.504% |
| 326 | 15.707 | 15.693 | 15.745 | HH | 83044  | 2268825  | 19.70%  | 0.527% |
| 327 | 15.783 | 15.745 | 15.811 | HH | 71783  | 2540502  | 22.06%  | 0.590% |
| 328 | 15.833 | 15.811 | 15.853 | HH | 69747  | 1658103  | 14.40%  | 0.385% |
| 329 | 15.868 | 15.853 | 15.879 | HH | 70105  | 1074995  | 9.34%   | 0.250% |
| 330 | 15.897 | 15.879 | 15.918 | HH | 71118  | 1544254  | 13.41%  | 0.359% |
| 331 | 15.962 | 15.918 | 15.999 | HH | 118152 | 3776337  | 32.79%  | 0.877% |
| 332 | 16.012 | 15.999 | 16.017 | HH | 64169  | 697573   | 6.06%   | 0.162% |
| 333 | 16.026 | 16.017 | 16.041 | HH | 64205  | 901172   | 7.83%   | 0.209% |
| 334 | 16.046 | 16.041 | 16.051 | HH | 63761  | 408126   | 3.54%   | 0.095% |
| 335 | 16.063 | 16.051 | 16.084 | HH | 64476  | 1241143  | 10.78%  | 0.288% |
| 336 | 16.156 | 16.084 | 16.196 | HH | 81308  | 4775134  | 41.47%  | 1.109% |
| 337 | 16.214 | 16.196 | 16.233 | HH | 76281  | 1591652  | 13.82%  | 0.370% |
| 338 | 16.261 | 16.233 | 16.291 | HH | 81278  | 2597759  | 22.56%  | 0.603% |
| 339 | 16.332 | 16.291 | 16.383 | HH | 114474 | 4702669  | 40.84%  | 1.092% |
| 340 | 16.435 | 16.383 | 16.452 | HH | 253788 | 5638793  | 48.97%  | 1.310% |
| 341 | 16.460 | 16.452 | 16.493 | HH | 155564 | 2607560  | 22.64%  | 0.606% |
| 342 | 16.528 | 16.493 | 16.542 | HH | 87947  | 2346323  | 20.37%  | 0.545% |
| 343 | 16.563 | 16.542 | 16.585 | HH | 114496 | 2462794  | 21.39%  | 0.572% |
| 344 | 16.598 | 16.585 | 16.635 | HH | 87673  | 2459265  | 21.36%  | 0.571% |
| 345 | 16.654 | 16.635 | 16.663 | HH | 83102  | 1378660  | 11.97%  | 0.320% |
| 346 | 16.690 | 16.663 | 16.717 | HH | 101707 | 2972217  | 25.81%  | 0.690% |
| 347 | 16.755 | 16.717 | 16.781 | HH | 199774 | 4916830  | 42.70%  | 1.142% |
| 348 | 16.814 | 16.781 | 16.856 | HH | 227788 | 5590959  | 48.55%  | 1.299% |
| 349 | 16.911 | 16.856 | 16.930 | HH | 140189 | 4562049  | 39.62%  | 1.060% |
| 350 | 16.942 | 16.930 | 16.973 | HH | 105072 | 2620141  | 22.75%  | 0.609% |
| 351 | 16.988 | 16.973 | 17.009 | HH | 99113  | 2064174  | 17.92%  | 0.479% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 352    | 17.020 | 17.009 | 17.024 | HH | 93993  | 812379  | 7.05%  | 0.189% |
| 353    | 17.049 | 17.024 | 17.083 | HH | 100953 | 3401794 | 29.54% | 0.790% |
| 354    | 17.111 | 17.083 | 17.116 | HH | 97304  | 1837665 | 15.96% | 0.427% |
| 355    | 17.121 | 17.116 | 17.129 | HH | 97646  | 775742  | 6.74%  | 0.180% |
| 356    | 17.167 | 17.129 | 17.203 | HH | 112740 | 4619717 | 40.12% | 1.073% |
| 357    | 17.219 | 17.203 | 17.246 | HH | 97961  | 2479125 | 21.53% | 0.576% |
| 358    | 17.273 | 17.246 | 17.295 | HH | 119497 | 3126163 | 27.15% | 0.726% |
| 359    | 17.308 | 17.295 | 17.323 | HH | 109109 | 1751650 | 15.21% | 0.407% |
| 360    | 17.338 | 17.323 | 17.344 | HH | 112193 | 1348852 | 11.71% | 0.313% |
| 361    | 17.360 | 17.344 | 17.379 | HH | 121712 | 2406093 | 20.89% | 0.559% |
| 362    | 17.395 | 17.379 | 17.415 | HH | 103340 | 2126082 | 18.46% | 0.494% |
| 363    | 17.430 | 17.415 | 17.434 | HH | 96620  | 1092657 | 9.49%  | 0.254% |
| 364    | 17.481 | 17.434 | 17.524 | HH | 111230 | 5536078 | 48.07% | 1.286% |
| 365    | 17.533 | 17.524 | 17.550 | HH | 93471  | 1421366 | 12.34% | 0.330% |
| 366    | 17.573 | 17.550 | 17.609 | HH | 97189  | 3280847 | 28.49% | 0.762% |
| 367    | 17.637 | 17.609 | 17.642 | HH | 93430  | 1825168 | 15.85% | 0.424% |
| 368    | 17.651 | 17.642 | 17.681 | HH | 95460  | 2162924 | 18.78% | 0.502% |
| 369    | 17.705 | 17.681 | 17.716 | HH | 101319 | 2032082 | 17.65% | 0.472% |
| 370    | 17.725 | 17.716 | 17.743 | HH | 99427  | 1574026 | 13.67% | 0.366% |
| 371    | 17.800 | 17.743 | 17.829 | HH | 130997 | 5549952 | 48.19% | 1.289% |
| 372    | 17.861 | 17.829 | 17.868 | HH | 97398  | 2223327 | 19.31% | 0.516% |
| 373    | 17.891 | 17.868 | 17.922 | HH | 106104 | 3221190 | 27.97% | 0.748% |
| 374    | 17.955 | 17.922 | 17.969 | HH | 110342 | 2961114 | 25.71% | 0.688% |
| 375    | 17.974 | 17.969 | 18.006 | HH | 109452 | 2225511 | 19.33% | 0.517% |
| 376    | 18.028 | 18.006 | 18.052 | HH | 99770  | 2639582 | 22.92% | 0.613% |
| 377    | 18.090 | 18.052 | 18.111 | HH | 115507 | 3546080 | 30.79% | 0.824% |
| 378    | 18.118 | 18.111 | 18.128 | HH | 98680  | 991474  | 8.61%  | 0.230% |
| 379    | 18.156 | 18.128 | 18.170 | HH | 221093 | 4148925 | 36.03% | 0.964% |
| 380    | 18.182 | 18.170 | 18.203 | HH | 190020 | 3092691 | 26.86% | 0.718% |
| 381    | 18.223 | 18.203 | 18.251 | HH | 135465 | 3269495 | 28.39% | 0.759% |
| 382    | 18.267 | 18.251 | 18.283 | HH | 96040  | 1792692 | 15.57% | 0.416% |
| 383    | 18.317 | 18.283 | 18.333 | HH | 122001 | 3176050 | 27.58% | 0.738% |
| 384    | 18.347 | 18.333 | 18.408 | HH | 116272 | 4333068 | 37.63% | 1.006% |
| 385    | 18.437 | 18.408 | 18.466 | HH | 183328 | 4063954 | 35.29% | 0.944% |
| 386    | 18.474 | 18.466 | 18.479 | HH | 87446  | 683710  | 5.94%  | 0.159% |
| 387    | 18.488 | 18.479 | 18.498 | HH | 87608  | 962117  | 8.35%  | 0.223% |
| 388    | 18.518 | 18.498 | 18.537 | HH | 93903  | 2134308 | 18.53% | 0.496% |
| 389    | 18.564 | 18.537 | 18.591 | HH | 111234 | 3080192 | 26.75% | 0.715% |
| 390    | 18.626 | 18.591 | 18.682 | HH | 128021 | 5192324 | 45.09% | 1.206% |
| 391    | 18.690 | 18.682 | 18.704 | HH | 83998  | 1070486 | 9.30%  | 0.249% |
| 392    | 18.738 | 18.704 | 18.766 | HH | 98709  | 3337808 | 28.98% | 0.775% |
| 393    | 18.789 | 18.766 | 18.811 | HH | 87841  | 2282247 | 19.82% | 0.530% |
| 394    | 18.838 | 18.811 | 18.848 | HH | 84568  | 1797321 | 15.61% | 0.417% |
| 395    | 18.869 | 18.848 | 18.891 | HH | 86879  | 2217920 | 19.26% | 0.515% |
| 396    | 18.898 | 18.891 | 18.903 | HH | 83185  | 586515  | 5.09%  | 0.136% |
| 397    | 18.908 | 18.903 | 18.919 | HH | 83186  | 786224  | 6.83%  | 0.183% |
| 398    | 18.946 | 18.919 | 18.953 | HH | 86592  | 1705037 | 14.81% | 0.396% |
| 399    | 18.981 | 18.953 | 19.011 | HH | 152086 | 3919881 | 34.04% | 0.910% |
| 400    | 19.031 | 19.011 | 19.064 | HH | 104399 | 2992701 | 25.99% | 0.695% |
| 401    | 19.076 | 19.064 | 19.094 | HH | 83680  | 1477599 | 12.83% | 0.343% |
| 402    | 19.109 | 19.094 | 19.124 | HH | 85621  | 1521743 | 13.21% | 0.353% |
| 403    | 19.132 | 19.124 | 19.182 | HH | 84380  | 2781676 | 24.16% | 0.646% |
| 404    | 19.191 | 19.182 | 19.198 | HH | 75646  | 709499  | 6.16%  | 0.165% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 405 | 19.222 | 19.198 | 19.251 | HH | 79641  | 2466189 | 21.42% | 0.573% |
| 406 | 19.276 | 19.251 | 19.307 | HH | 79912  | 2619816 | 22.75% | 0.608% |
| 407 | 19.324 | 19.307 | 19.340 | HH | 76836  | 1461101 | 12.69% | 0.339% |
| 408 | 19.365 | 19.340 | 19.373 | HH | 75431  | 1465512 | 12.73% | 0.340% |
| 409 | 19.381 | 19.373 | 19.386 | HH | 75193  | 599311  | 5.20%  | 0.139% |
| 410 | 19.413 | 19.386 | 19.431 | HH | 87138  | 2182234 | 18.95% | 0.507% |
| 411 | 19.449 | 19.431 | 19.459 | HH | 78551  | 1270429 | 11.03% | 0.295% |
| 412 | 19.486 | 19.459 | 19.496 | HH | 81718  | 1769905 | 15.37% | 0.411% |
| 413 | 19.519 | 19.496 | 19.554 | HH | 95947  | 2886358 | 25.06% | 0.670% |
| 414 | 19.590 | 19.554 | 19.619 | HH | 117652 | 3605209 | 31.31% | 0.837% |
| 415 | 19.657 | 19.619 | 19.688 | HH | 108539 | 3737497 | 32.46% | 0.868% |
| 416 | 19.704 | 19.688 | 19.727 | HH | 86207  | 1963673 | 17.05% | 0.456% |
| 417 | 19.762 | 19.727 | 19.772 | HH | 94011  | 2383691 | 20.70% | 0.554% |
| 418 | 19.781 | 19.772 | 19.810 | HH | 93210  | 1943327 | 16.88% | 0.451% |
| 419 | 19.821 | 19.810 | 19.827 | HH | 75136  | 772424  | 6.71%  | 0.179% |
| 420 | 19.841 | 19.827 | 19.854 | HH | 75324  | 1177146 | 10.22% | 0.273% |
| 421 | 19.871 | 19.854 | 19.904 | HH | 79625  | 2295086 | 19.93% | 0.533% |
| 422 | 19.967 | 19.904 | 19.992 | HH | 113388 | 4644432 | 40.33% | 1.079% |
| 423 | 20.035 | 19.992 | 20.085 | HH | 93742  | 4696986 | 40.79% | 1.091% |
| 424 | 20.107 | 20.085 | 20.136 | HH | 82622  | 2390877 | 20.76% | 0.555% |
| 425 | 20.153 | 20.136 | 20.175 | HH | 80098  | 1787789 | 15.52% | 0.415% |
| 426 | 20.186 | 20.175 | 20.191 | HH | 74064  | 708612  | 6.15%  | 0.165% |
| 427 | 20.195 | 20.191 | 20.209 | HH | 74003  | 817213  | 7.10%  | 0.190% |
| 428 | 20.230 | 20.209 | 20.254 | HH | 75199  | 1992879 | 17.31% | 0.463% |
| 429 | 20.262 | 20.254 | 20.285 | HH | 72135  | 1336246 | 11.60% | 0.310% |
| 430 | 20.313 | 20.285 | 20.359 | HH | 78826  | 3233593 | 28.08% | 0.751% |
| 431 | 20.384 | 20.359 | 20.431 | HH | 75582  | 3125281 | 27.14% | 0.726% |
| 432 | 20.444 | 20.431 | 20.469 | HH | 71539  | 1624746 | 14.11% | 0.377% |
| 433 | 20.507 | 20.469 | 20.554 | HH | 76456  | 3605736 | 31.31% | 0.837% |
| 434 | 20.563 | 20.554 | 20.580 | HH | 66466  | 1024513 | 8.90%  | 0.238% |
| 435 | 20.610 | 20.580 | 20.643 | HH | 67887  | 2510453 | 21.80% | 0.583% |
| 436 | 20.653 | 20.643 | 20.674 | HH | 67148  | 1218966 | 10.59% | 0.283% |
| 437 | 20.679 | 20.674 | 20.698 | HH | 65365  | 946671  | 8.22%  | 0.220% |
| 438 | 20.702 | 20.698 | 20.732 | HH | 65250  | 1332454 | 11.57% | 0.309% |
| 439 | 20.752 | 20.732 | 20.768 | HH | 63941  | 1347739 | 11.70% | 0.313% |
| 440 | 20.772 | 20.768 | 20.779 | HH | 63780  | 452430  | 3.93%  | 0.105% |
| 441 | 20.791 | 20.779 | 20.828 | HH | 63357  | 1792100 | 15.56% | 0.416% |
| 442 | 20.839 | 20.828 | 20.859 | HH | 60975  | 1141748 | 9.91%  | 0.265% |
| 443 | 20.867 | 20.859 | 20.872 | HH | 59871  | 457230  | 3.97%  | 0.106% |
| 444 | 20.898 | 20.872 | 20.938 | HH | 64148  | 2375257 | 20.63% | 0.552% |
| 445 | 20.971 | 20.938 | 20.995 | HH | 64774  | 2131228 | 18.51% | 0.495% |
| 446 | 21.001 | 20.995 | 21.046 | HH | 62537  | 1819393 | 15.80% | 0.423% |
| 447 | 21.068 | 21.046 | 21.109 | HH | 58941  | 2176826 | 18.90% | 0.506% |
| 448 | 21.113 | 21.109 | 21.117 | HH | 55332  | 257033  | 2.23%  | 0.060% |
| 449 | 21.125 | 21.117 | 21.134 | HH | 55314  | 568739  | 4.94%  | 0.132% |
| 450 | 21.140 | 21.134 | 21.155 | HH | 55489  | 703094  | 6.11%  | 0.163% |
| 451 | 21.182 | 21.155 | 21.219 | HH | 57852  | 2137395 | 18.56% | 0.496% |
| 452 | 21.230 | 21.219 | 21.234 | HH | 55524  | 501278  | 4.35%  | 0.116% |
| 453 | 21.270 | 21.234 | 21.300 | HH | 58316  | 2243986 | 19.49% | 0.521% |
| 454 | 21.357 | 21.300 | 21.472 | HH | 71781  | 6172431 | 53.60% | 1.434% |
| 455 | 21.478 | 21.472 | 21.490 | HH | 50843  | 558595  | 4.85%  | 0.130% |
| 456 | 21.494 | 21.490 | 21.498 | HH | 49969  | 228007  | 1.98%  | 0.053% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rteres  |           |        |
| 457 | 21.517 | 21.498 | 21.543 | HH  | 52231                   | 1378043 | 11.97%    | 0.320% |
| 458 | 21.570 | 21.543 | 21.611 | HH  | 53427                   | 2064289 | 17.93%    | 0.479% |
| 459 | 21.659 | 21.611 | 21.707 | HH  | 58499                   | 2996547 | 26.02%    | 0.696% |
| 460 | 21.741 | 21.707 | 21.771 | HH  | 57705                   | 2007232 | 17.43%    | 0.466% |
| 461 | 21.792 | 21.771 | 21.810 | HH  | 49977                   | 1149208 | 9.98%     | 0.267% |
| 462 | 21.838 | 21.810 | 21.866 | HH  | 52173                   | 1686267 | 14.64%    | 0.392% |
| 463 | 21.883 | 21.866 | 21.901 | HHA | 48028                   | 1000744 | 8.69%     | 0.232% |
|     |        |        |        |     | Sum of corrected areas: |         | 430540415 |        |

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