**2009-10 BCIA Culpeper Senior**
**Angus Ultrasound**

| Test | | | Actual | 365-d Adj | Herd Ratio | Test Ratio | Actual | 365-d Adj. | Herd Ratio | Test Ratio | Actual | 365-d Adj. | Herd Ratio | Test Ratio | Actual | 365-d Adj. | Herd Ratio | Test Ratio | Adj. | EPD | EPD | EPD | EPD | EPD | EPD | EPD | EPD | EPD | EPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID | Tattoo | Reg Number | Rump Fat | Rump Fat | Rump Fat | Rump Fat | Rib Fat | Rib Fat | Rib Fat | Rib Fat | REA | REA | REA | REA | % IMF | % IMF | % IMF | % IMF | Scan Wt | CW | Marb | RE | Fat | $EN | $W | $F | $G | $QG | $YG | $B |
| 1 | 840 | 16351825 | 0.27 | 0.27 | 71 | 78 | 0.23 | 0.23 | 85 | 86 | 13.1 | 13.1 | 105 | 104 | 4.01 | 3.96 | 107 | 118 | 1055 | I-1 | I+.52 | I+.51 | I+.026 | 0.35 | 27.62 | 31.15 | 34.32 | 25.05 | 9.27 | 43.96 |
| 2 | 842 | 16350174 | 0.5 | 0.49 | 129 | 141 | 0.21 | 0.2 | 74 | 75 | 13 | 12.8 | 102 | 102 | 2.55 | 2.5 | 68 | 75 | 1190 | I+13 | I+.43 | I+.34 | I+.006 | 6.2 | 22.49 | 25.1 | 29.35 | 22.33 | 7.02 | 50.18 |
| 3 | 878 | 16351738 | 0.41 | 0.4 | 105 | 115 | 0.43 | 0.42 | 156 | 158 | 12.9 | 12.7 | 102 | 101 | 5.02 | 4.98 | 135 | 149 | 1200 | I+13 | I+.83 | I+.37 | I+.035 | -8.63 | 21.78 | 35.13 | 36.13 | 31.94 | 4.19 | 59.4 |
| 4 | 884 | 16350173 | 0.44 | 0.43 | 113 | 124 | 0.31 | 0.3 | 111 | 113 | 12.5 | 12.4 | 99 | 99 | 3.17 | 3.14 | 85 | 94 | 1315 | I+25 | I+.57 | I+.28 | I+.029 | 1.65 | 29.06 | 25.76 | 27.49 | 26.38 | 1.11 | 56.51 |
| 5 | 879 | 16351739 | 0.39 | 0.38 | 100 | 109 | 0.25 | 0.24 | 89 | 90 | 12.5 | 12.3 | 98 | 98 | 5.9 | 5.86 | 159 | 175 | 1220 | I+17 | I+.85 | I+.48 | I+.025 | -6.09 | 25 | 35.76 | 38.23 | 32.25 | 5.98 | 64.28 |
| 6 | 856 | 16350175 | 0.39 | 0.38 | 100 | 109 | 0.33 | 0.32 | 119 | 120 | 11.6 | 11.3 | 90 | 90 | 4.23 | 4.18 | 113 | 125 | 1225 | I+17 | I+.59 | I+.22 | I+.010 | 1.3 | 24.64 | 27.88 | 31.31 | 26.96 | 4.35 | 55.82 |
| 7 | 851 | 16351678 | 0.42 | 0.41 | 108 | 118 | 0.26 | 0.25 | 93 | 94 | 13.2 | 13 | 104 | 103 | 3.06 | 3.01 | 82 | 90 | 1220 | I+8 | I+.34 | I+.24 | I+.008 | 4.29 | 25.27 | 22.41 | 25.62 | 19.22 | 6.4 | 41.74 |
| 8 | 832 | 16351677 | 0.48 | 0.47 | 124 | 135 | 0.31 | 0.3 | 111 | 113 | 13.6 | 13.3 | 106 | 106 | 4.16 | 4.1 | 111 | 123 | 1335 | I+19 | I+.44 | I+.35 | I+.019 | 5.17 | 31.74 | 19.44 | 27.26 | 22.66 | 4.6 | 51.4 |
| 9 | 880 | 16351679 | 0.5 | 0.49 | 129 | 141 | 0.27 | 0.26 | 96 | 98 | 12.1 | 11.9 | 95 | 95 | 3.32 | 3.28 | 89 | 98 | 1200 | I+9 | I+.38 | I+.24 | I+.018 | -6.41 | 24.15 | 35.3 | 25.76 | 20.6 | 5.16 | 45.85 |
| 10 | 825 | 16351901 | 0.3 | 0.29 | 76 | 83 | 0.25 | 0.24 | 89 | 90 | 13 | 12.8 | 102 | 102 | 3.96 | 3.89 | 105 | 116 | 1250 | I+17 | I+.47 | I+.40 | I-.025 | -0.84 | 26.52 | 28.77 | 33.49 | 23.64 | 9.85 | 57.92 |
| 11 | 814 | 16351900 | 0.3 | 0.29 | 76 | 83 | 0.2 | 0.19 | 70 | 71 | 12.9 | 12.7 | 102 | 101 | 2.47 | 2.39 | 65 | 71 | 1215 | I+13 | I+.33 | I+.43 | I-.020 | -1.8 | 28.18 | 33.62 | 29.23 | 18.85 | 10.38 | 52.07 |
| 12 | 855 | 16351868 | 0.41 | 0.4 | 105 | 115 | 0.32 | 0.31 | 115 | 116 | 12.8 | 12.6 | 101 | 100 | 4.04 | 3.99 | 108 | 119 | 1240 | I+13 | I+.50 | I+.31 | I+.007 | -7.08 | 26.82 | 43.81 | 31.02 | 24.5 | 6.52 | 56.31 |
| 13 | 816 | 16351749 | 0.39 | 0.38 | 100 | 109 | 0.23 | 0.21 | 78 | 79 | 13.1 | 12.8 | 102 | 102 | 3.33 | 3.26 | 88 | 98 | 1220 | I+15 | I+.46 | I+.34 | I+.021 | -7.39 | 26.82 | 31.09 | 28.24 | 23.3 | 4.94 | 51.88 |
| 14 | 865 | 16359369 | 0.21 | 0.2 | 53 | 58 | 0.26 | 0.25 | 93 | 94 | 11.9 | 11.7 | 94 | 93 | 3.22 | 3.17 | 86 | 95 | 1250 | I+13 | I+.42 | I+.27 | I-.004 | 1.61 | 27.54 | 20.7 | 29.23 | 22.01 | 7.22 | 49.24 |
| 15 | 048 | 16402073 | 0.41 | 0.38 | 100 | 109 | 0.3 | 0.27 | 84 | 101 | 14 | 13.3 | 100 | 106 | 2.98 | 2.84 | 88 | 85 | 1335 | I+15 | I+.20 | I+.03 | I+.064 | -5.18 | 27.17 | 28.55 | 7.68 | 13.8 | -6.12 | 30.93 |
| 16 | 938 | 16402071 | 0.39 | 0.37 | 97 | 106 | 0.27 | 0.25 | 78 | 94 | 14.3 | 13.8 | 104 | 110 | 2.27 | 2.17 | 67 | 65 | 1380 | I+22 | I+.10 | I+.07 | I+.059 | -6.41 | 30.88 | 29.44 | 3.15 | 9.61 | -6.46 | 31.19 |
| 18 | 238 | 16405356 | 0.39 | 0.38 | 100 | 109 | 0.34 | 0.33 | 103 | 124 | 14.1 | 13.9 | 105 | 111 | 3.76 | 3.72 | 115 | 111 | 1330 | I+25 | I+.48 | I+.35 | I+.029 | 3.11 | 28.85 | 22.68 | 26.02 | 23.91 | 2.11 | 54.27 |
| 19 | 128 | 16405357 | 0.41 | 0.4 | 105 | 115 | 0.4 | 0.39 | 122 | 146 | 13.5 | 13.3 | 100 | 106 | 3.74 | 3.7 | 114 | 111 | 1210 | I+15 | I+.51 | I+.39 | I+.034 | -3.61 | 27.74 | 28.77 | 28.97 | 24.79 | 4.18 | 52.28 |
| 20 | 928 | 16405355 | 0.39 | 0.37 | 97 | 106 | 0.41 | 0.39 | 122 | 146 | 14.6 | 14.1 | 106 | 112 | 3.68 | 3.58 | 110 | 107 | 1335 | I+25 | I+.43 | I+.47 | I+.028 | 0.99 | 26.93 | 26.2 | 26.3 | 22.33 | 3.97 | 55.44 |
| 21 | 838 | 16402070 | 0.39 | 0.36 | 95 | 104 | 0.35 | 0.32 | 100 | 120 | 12.3 | 11.6 | 87 | 92 | 3.86 | 3.73 | 115 | 112 | 1290 | I+12 | I+.42 | I+.11 | I+.035 | -8.32 | 22.99 | 32.55 | 22.59 | 22.01 | 0.58 | 44.47 |
| 22 | 668 | 16402072 | 0.42 | 0.39 | 103 | 112 | 0.33 | 0.3 | 94 | 113 | 13.9 | 13.3 | 100 | 106 | 3.08 | 2.96 | 91 | 89 | 1250 | I+0 | I+.28 | I+.03 | I+.014 | -4.85 | 25.4 | 32.49 | 21.73 | 17.1 | 4.63 | 32.72 |
| 23 | 8114 | 16291746 | 0.12 | 0.1 | 42 | 29 | 0.18 | 0.16 | 89 | 60 | 12.3 | 11.8 | 91 | 94 | 3.27 | 3.15 | 119 | 94 | 1185 | I+15 | I+.26 | I+.13 | I+.027 | -10 | 21.42 | 37.65 | 17.58 | 16.21 | 1.37 | 42.78 |
| 24 | 8451 | 16291768 | 0.3 | 0.29 | 121 | 83 | 0.25 | 0.24 | 133 | 90 | 13.1 | 12.8 | 99 | 102 | 1.95 | 1.84 | 69 | 55 | 1215 | I+15 | I+.14 | I-.05 | I+.021 | -13.36 | 28.4 | 41.12 | 10.63 | 11.26 | -0.63 | 36.85 |
| 25 | 8094 | 16291771 | 0.2 | 0.18 | 75 | 52 | 0.15 | 0.13 | 72 | 49 | 12.5 | 12 | 93 | 95 | 2.18 | 2.05 | 77 | 61 | 1060 | I+6 | I+.16 | I+.15 | I+.028 | -4.08 | 26.78 | 33.17 | 15.52 | 12.14 | 3.38 | 32.48 |
| 26 | 8372 | 16291766 | 0.34 | 0.31 | 129 | 89 | 0.17 | 0.13 | 72 | 49 | 15.4 | 14.7 | 114 | 117 | 3.17 | 3.03 | 114 | 91 | 1255 | I+11 | I+.08 | I+.19 | I+.008 | 2.87 | 23.62 | 36.45 | 13.97 | 8.7 | 5.27 | 35.8 |
| 27 | 8123 | 16291767 | 0.42 | 0.39 | 163 | 112 | 0.3 | 0.27 | 150 | 101 | 14.2 | 13.6 | 105 | 108 | 3.51 | 3.38 | 128 | 101 | 1190 | I+10 | I+.13 | I+.19 | I+.021 | -2.69 | 25.88 | 31.38 | 14.91 | 10.86 | 4.05 | 34.86 |
| 28 | 8481 | 16291770 | 0.21 | 0.19 | 79 | 55 | 0.15 | 0.13 | 72 | 49 | 13 | 12.7 | 98 | 101 | 2.58 | 2.45 | 92 | 73 | 1020 | I+1 | I+.16 | I+.19 | I+.004 | -2.69 | 27.61 | 32.16 | 19.61 | 12.14 | 7.47 | 31.46 |
| 29 | 8531 | 16319483 | 0.25 | 0.26 | 100 | 75 | 0.17 | 0.18 | 100 | 68 | 12 | 12.2 | 100 | 97 | 1.71 | 1.74 | 100 | 52 | 1105 | | | | | -0.54 | 28.73 | 34.64 | | | | |
| 30 | 8271 | 16346977 | 0.21 | 0.19 | 100 | 55 | 0.14 | 0.12 | 100 | 45 | 13 | 12.6 | 100 | 100 | 2.51 | 2.38 | 100 | 71 | 1160 | | | | | | | | | | | |
| 31 | 8T44 | 16391060 | 0.18 | 0.16 | 100 | 46 | 0.13 | 0.1 | 100 | 38 | 13.1 | 12.6 | 100 | 100 | 1.22 | 1.12 | 100 | 34 | 1145 | I+8 | I+.01 | I+.28 | I-.038 | -8.4 | 27.57 | 25.44 | 16.48 | 5.4 | 11.08 | 33.35 |
| 32 | 8T45 | 16391061 | 0.34 | 0.31 | 100 | 89 | 0.15 | 0.12 | 100 | 45 | 13.6 | 13 | 100 | 103 | 2.39 | 2.29 | 100 | 69 | 1310 | I+8 | I+.01 | I+.28 | I-.038 | -8.4 | 30.04 | 24.68 | 16.48 | 5.4 | 11.08 | 33.16 |
| 33 | 8W93 | 16351805 | 0.29 | 0.29 | 94 | 83 | 0.31 | 0.31 | 103 | 116 | 12.2 | 12.3 | 97 | 98 | 2.62 | 2.63 | 113 | 79 | 1175 | I+13 | I+.19 | I+.29 | I+.008 | -7.62 | 23.38 | 40.59 | 19.57 | 13.39 | 6.18 | 44.17 |
| 34 | 8W78 | 16351803 | 0.28 | 0.28 | 90 | 81 | 0.32 | 0.32 | 107 | 120 | 13.5 | 13.6 | 107 | 108 | 2.09 | 2.11 | 91 | 63 | 1185 | I+15 | I+.14 | I+.38 | I+.008 | -7.62 | 23.38 | 40.59 | 18.18 | 11.26 | 6.92 | 44.24 |
| 35 | 8W94 | 16351806 | 0.37 | 0.37 | 119 | 106 | 0.27 | 0.27 | 90 | 101 | 12.1 | 12.2 | 96 | 97 | 2.24 | 2.26 | 97 | 68 | 1160 | I+13 | I+.15 | I+.28 | I+.009 | -7.62 | 23.38 | 40.59 | 17.64 | 11.67 | 5.97 | 42.23 |
| 36 | 8E27 | 16350952 | 0.28 | 0.26 | 76 | 75 | 0.3 | 0.28 | 117 | 105 | 11.2 | 10.7 | 94 | 85 | 3.95 | 3.85 | 101 | 115 | 1100 | I+17 | I+.54 | I+.17 | I-.011 | -10.53 | 31.5 | 33.07 | 31.58 | 25.6 | 5.98 | 57.18 |
| 37 | 8E14 | 16350949 | 0.48 | 0.46 | 135 | 132 | 0.43 | 0.41 | 171 | 154 | 12 | 11.5 | 101 | 91 | 3.98 | 3.88 | 102 | 116 | 1125 | I+21 | I+.40 | I+.24 | I+.032 | -7.67 | 33.31 | 29.67 | 22.2 | 21.25 | 0.95 | 49.5 |
| 38 | 8E20 | 16350950 | 0.41 | 0.38 | 112 | 109 | 0.3 | 0.27 | 113 | 101 | 12.6 | 12 | 105 | 95 | 2.63 | 2.53 | 66 | 76 | 1200 | I+28 | I+.27 | I+.33 | I+.010 | -8.3 | 29.83 | 39.28 | 20.23 | 16.64 | 3.59 | 53.42 |
| 39 | 8E17 | 16350947 | 0.46 | 0.45 | 132 | 129 | 0.27 | 0.26 | 108 | 98 | 11.2 | 11 | 96 | 87 | 3.59 | 3.54 | 93 | 106 | 1100 | I+23 | I+.46 | I+.21 | I+.017 | -8.3 | 28.99 | 38.87 | 25.36 | 23.3 | 2.06 | 56.06 |
| 40 | 8E10 | 16350948 | 0.23 | 0.22 | 65 | 63 | 0.17 | 0.16 | 67 | 60 | 7.8 | 7.5 | 66 | 60 | 2.6 | 2.5 | 66 | 75 | 970 | I+13 | I+.30 | I-.02 | I+0 | -10.18 | 35.94 | 34.99 | 20.74 | 17.75 | 2.99 | 43.96 |
| 41 | 8E26 | 16350951 | 0.32 | 0.3 | 88 | 86 | 0.2 | 0.18 | 75 | 68 | 12 | 11.6 | 102 | 92 | 4.35 | 4.27 | 112 | 128 | 1100 | I+16 | I+.58 | I+.31 | I-.011 | -8.64 | 33.56 | 41.83 | 34.42 | 26.64 | 7.78 | 61.41 |
| 42 | 8J17 | 16236493 | 0.27 | 0.22 | 65 | 63 | 0.22 | 0.17 | 71 | 64 | 12.1 | 11.1 | 97 | 88 | 3.58 | 3.39 | 89 | 101 | 1130 | I+2 | I+.58 | I+.24 | I-.014 | -6.72 | 26.68 | 36.52 | 36.19 | 26.64 | 9.55 | 50.2 |
| 43 | 8J16 | 16236492 | 0.25 | 0.22 | 65 | 63 | 0.22 | 0.18 | 75 | 68 | 10.9 | 10.2 | 89 | 81 | 5.66 | 5.47 | 144 | 164 | 1030 | I+1 | I+.65 | I+.21 | I-.016 | -9.55 | 30.31 | 41.94 | 37.97 | 28.41 | 9.56 | 52.55 |
| 44 | 8S7 | 16350956 | 0.37 | 0.38 | 112 | 109 | 0.26 | 0.27 | 113 | 101 | 11.6 | 11.9 | 104 | 95 | 4.16 | 4.17 | 109 | 125 | 1065 | I+16 | I+.58 | I+.21 | I+.018 | -3.92 | 28.59 | 30.54 | 30.04 | 26.64 | 3.4 | 54.41 |
| 45 | 8S10 | 16350955 | 0.27 | 0.29 | 85 | 83 | 0.18 | 0.2 | 83 | 75 | 12 | 12.4 | 109 | 99 | 5.15 | 5.18 | 136 | 155 | 990 | I+8 | I+.77 | I+.42 | I-.001 | -7.67 | 28.91 | 33.17 | 40.27 | 30.9 | 9.37 | 59.01 |
| 46 | 8F3 | 16233801 | 0.41 | 0.4 | 118 | 115 | 0.2 | 0.19 | 79 | 71 | 13.2 | 12.9 | 113 | 103 | 2.62 | 2.58 | 68 | 77 | 1090 | I+11 | I+.33 | I+.03 | I+.019 | -0.22 | 29.15 | 26.13 | 20.63 | 18.85 | 1.78 | 40.13 |
| 47 | 8IM1 | 16240214 | 0.37 | 0.32 | 94 | 92 | 0.26 | 0.21 | 88 | 79 | 12.3 | 11.2 | 98 | 89 | 3.04 | 2.85 | 75 | 85 | 1300 | I+17 | I+.23 | I+.12 | I-.017 | -12.08 | 34.81 | 38.87 | 21.07 | 15.1 | 5.97 | 48.03 |
| 48 | 8Q25 | 16233804 | 0.39 | 0.35 | 103 | 101 | 0.28 | 0.24 | 100 | 90 | 13.2 | 12.4 | 109 | 99 | 4.39 | 4.22 | 111 | 126 | 1090 | I+10 | I+.39 | I+.45 | I+.012 | -12.73 | 34.45 | 37.44 | 29.07 | 20.92 | 8.15 | 50.5 |
| 49 | 8R4 | 16350953 | 0.41 | 0.45 | 132 | 129 | 0.27 | 0.31 | 129 | 116 | 12.5 | 13.4 | 118 | 107 | 4.77 | 4.9 | 129 | 147 | 1100 | I+28 | I+.63 | I+.27 | I+.023 | -0.27 | 30.98 | 32.78 | 29.09 | 27.98 | 1.11 | 60.87 |
| 50 | 816 | 16372518 | 0.21 | 0.18 | 100 | 52 | 0.18 | 0.15 | 100 | 56 | 10.7 | 10.1 | 100 | 80 | 2.72 | 2.53 | 100 | 76 | 1075 | | | | | | | | | | | |

**2009-10 BCIA Culpeper Senior**
**Angus Ultrasound**

| Test | | | Actual | 365-d Adj | Herd Ratio | Test Ratio | Actual | 365-d Adj. | Herd Ratio | Test Ratio | Actual | 365-d Adj. | Herd Ratio | Test Ratio | Actual | 365-d Adj. | Herd Ratio | Test Ratio | Adj. | EPD | EPD | EPD | EPD | EPD | EPD | EPD | EPD | EPD | EPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID | Tattoo | Reg Number | Rump Fat | Rump Fat | Rump Fat | Rump Fat | Rib Fat | Rib Fat | Rib Fat | Rib Fat | REA | REA | REA | REA | % IMF | % IMF | % IMF | % IMF | Scan Wt | CW | Marb | RE | Fat | $EN | $W | $F | $G | $QG | $YG | $B |
| 51 | 820 | 16372517 | 0.48 | 0.45 | 100 | 129 | 0.31 | 0.28 | 100 | 105 | 11.6 | 10.9 | 100 | 87 | 3.1 | 2.97 | 100 | 89 | 1145 | I+6 | I+.14 | I+0 | I+.020 | 4.72 | 24.85 | 16.29 | 13.48 | 11.26 | 2.22 | 26.55 |
| 52 | 148 | 16380955 | 0.28 | 0.25 | 100 | 72 | 0.33 | 0.29 | 100 | 109 | 14.7 | 13.9 | 100 | 111 | 2.84 | 2.71 | 100 | 81 | 1210 | I+3 | I+.40 | I+.36 | I+.008 | | | | | | | |
| 53 | 268 | 16380954 | 0.3 | 0.32 | 100 | 92 | 0.33 | 0.35 | 100 | 131 | 11.9 | 12.2 | 100 | 97 | 3.57 | 3.63 | 100 | 109 | 1105 | I+8 | I+.22 | I+.09 | I+.024 | 3.11 | 26.71 | 21.94 | 17.25 | 14.59 | 2.66 | 33.25 |
| 54 | D63 | 16320895 | 0.28 | 0.29 | 100 | 83 | 0.28 | 0.29 | 100 | 109 | 13.4 | 13.7 | 100 | 109 | 2.68 | 2.73 | 100 | 82 | 1225 | | | | | -10.18 | 28.3 | 37.78 | | | | |
| 55 | D57 | 16231186 | 0.41 | 0.4 | 111 | 115 | 0.27 | 0.26 | 79 | 98 | 12.3 | 12 | 97 | 95 | 3.36 | 3.29 | 92 | 98 | 1115 | I+11 | I+.46 | I+.16 | I+.052 | -7.92 | 29.3 | 30.38 | 22.42 | 23.3 | -0.88 | 42.78 |
| 56 | D42 | 16231180 | 0.35 | 0.31 | 86 | 89 | 0.44 | 0.39 | 118 | 146 | 13.7 | 12.7 | 102 | 101 | 4.06 | 3.89 | 108 | 116 | 1285 | I+15 | I+.55 | I+.32 | I+.058 | -14.09 | 31.06 | 35.89 | 25.79 | 25.88 | -0.09 | 50.47 |
| 57 | 266U | 16252955 | 0.55 | 0.52 | 100 | 150 | 0.33 | 0.3 | 100 | 113 | 13.1 | 12.5 | 100 | 99 | 4.3 | 4.14 | 100 | 124 | 1150 | I+9 | I+.58 | I+.34 | I-.015 | -3.92 | 27.85 | 32.38 | 36.24 | 26.64 | 9.6 | 55.51 |
| 58 | 1215 | 16237819 | 0.37 | 0.38 | 95 | 109 | 0.25 | 0.26 | 93 | 98 | 12.4 | 12.7 | 98 | 101 | 3.7 | 3.75 | 111 | 112 | 1055 | I+9 | I+.55 | I+.41 | I-.016 | -6.72 | 27.66 | 35.43 | 36.33 | 25.88 | 10.45 | 56.46 |
| 59 | 1229 | 16237821 | 0.39 | 0.41 | 103 | 118 | 0.27 | 0.3 | 107 | 113 | 11.4 | 11.9 | 92 | 95 | 3.39 | 3.48 | 103 | 104 | 1005 | I+10 | I+.44 | I+.05 | I+.026 | -2.07 | 25.56 | 30.93 | 24.09 | 22.66 | 1.43 | 43.9 |
| 60 | 1212 | 16237816 | 0.39 | 0.41 | 103 | 118 | 0.25 | 0.27 | 96 | 101 | 13.7 | 14.1 | 109 | 112 | 2.81 | 2.88 | 85 | 86 | 1170 | I+20 | I+.34 | I+.32 | I+.021 | -14.14 | 27.31 | 35.2 | 22.91 | 19.22 | 3.69 | 50.93 |
| 61 | 8490 | 16347952 | 0.41 | 0.42 | 120 | 121 | 0.27 | 0.28 | 90 | 105 | 12 | 12.2 | 98 | 97 | 3.46 | 3.49 | 99 | 104 | 1070 | I+1 | I+.30 | I+.09 | I+.022 | -4.29 | 28.68 | 23.81 | 22.1 | 17.75 | 4.35 | 31.98 |
| 62 | 833S | 16300398 | 0.37 | 0.35 | 100 | 101 | 0.34 | 0.32 | 103 | 120 | 12.1 | 11.7 | 94 | 93 | 3.89 | 3.82 | 109 | 114 | 1235 | I+8 | I+.13 | I+.27 | I-.007 | -9.86 | 28.99 | 37.14 | 19.14 | 10.86 | 8.28 | 38.81 |
| 63 | 8570 | 16347982 | 0.25 | 0.27 | 77 | 78 | 0.26 | 0.28 | 90 | 105 | 12.3 | 12.7 | 102 | 101 | 3.53 | 3.58 | 102 | 107 | 1260 | I+26 | I+.06 | I+.38 | I-.017 | -6.1 | 26.51 | 29.99 | 15.28 | 7.82 | 7.46 | 45.31 |
| 64 | 8510 | 16303808 | 0.35 | 0.36 | 103 | 104 | 0.37 | 0.38 | 123 | 143 | 12.3 | 12.5 | 101 | 99 | 2.25 | 2.28 | 65 | 68 | 1105 | I+6 | I+.10 | I+.24 | I+.005 | -1.15 | 22.62 | 23.97 | 16.8 | 9.61 | 7.19 | 31.5 |
| 65 | 8580 | 16300388 | 0.34 | 0.36 | 103 | 104 | 0.26 | 0.28 | 90 | 105 | 12.3 | 12.7 | 102 | 101 | 4.38 | 4.44 | 126 | 133 | 1220 | I+24 | I+.38 | I+.22 | I+.028 | -7.04 | 30.08 | 33 | 21.15 | 20.6 | 0.55 | 50.93 |
| 66 | 294U | 16361253 | 0.34 | 0.34 | 100 | 98 | 0.45 | 0.45 | 100 | 169 | 12.7 | 12.7 | 100 | 101 | 4.58 | 4.58 | 100 | 137 | 1310 | I+18 | I+.60 | I+.33 | I+.024 | -3.07 | 25.97 | 31.32 | 31.12 | 27.19 | 3.93 | 57.09 |
| 67 | 836 | 16311892 | 0.5 | 0.48 | 126 | 138 | 0.49 | 0.46 | 131 | 173 | 12.4 | 11.9 | 93 | 95 | 5.31 | 5.2 | 133 | 156 | 1235 | I+12 | I+.65 | I+.12 | I+.032 | -5.23 | 22.52 | 28.43 | 29.6 | 28.41 | 1.19 | 50.38 |
| 68 | 835 | 16311891 | 0.41 | 0.39 | 103 | 112 | 0.38 | 0.36 | 103 | 135 | 13.3 | 12.8 | 100 | 102 | 4.03 | 3.92 | 100 | 117 | 1200 | I+10 | I+.52 | I+.19 | I+.021 | -5.23 | 22.94 | 28.81 | 29.1 | 25.05 | 4.05 | 48.35 |
| 69 | 851 | 16312419 | 0.28 | 0.28 | 74 | 81 | 0.22 | 0.23 | 66 | 86 | 13.5 | 13.6 | 106 | 108 | 2.58 | 2.6 | 66 | 78 | 1235 | I+22 | I+.26 | I+.30 | I+.025 | -7.64 | 25.99 | 32.38 | 18.78 | 16.21 | 2.57 | 47.24 |
| 70 | 1738 | 16390325 | 0.39 | 0.37 | 90 | 106 | 0.28 | 0.26 | 93 | 98 | 12.5 | 12.1 | 95 | 96 | 5.39 | 5.29 | 121 | 158 | 1200 | I+4 | I+.51 | I+.14 | I-.002 | -2.09 | 29.91 | 22.47 | 31.81 | 24.79 | 7.02 | 44.27 |
| 71 | 0278 | 16390331 | 0.27 | 0.27 | 100 | 78 | 0.23 | 0.23 | 100 | 86 | 14.8 | 14.7 | 100 | 117 | 4.14 | 4.09 | 100 | 122 | 1220 | I+4 | I+.68 | I+.30 | I-.005 | | | | | | | |
| 72 | 1168 | 16390327 | 0.44 | 0.44 | 107 | 127 | 0.29 | 0.29 | 104 | 109 | 13.4 | 13.3 | 105 | 106 | 3.45 | 3.43 | 79 | 103 | 1145 | I+12 | I+.43 | I+.34 | I+.020 | -1 | 25.29 | 26.74 | 28.01 | 22.33 | 5.68 | 48.34 |
| 73 | 518 | 16390326 | 0.34 | 0.32 | 91 | 92 | 0.33 | 0.31 | 115 | 116 | 13.4 | 13 | 105 | 103 | 4.06 | 3.99 | 106 | 119 | 1200 | I+10 | I+.54 | I+.35 | I+.020 | -4.45 | 24.61 | 25.54 | 31.78 | 25.6 | 6.18 | 50.4 |
| 74 | 9738 | 16390328 | 0.41 | 0.4 | 114 | 115 | 0.25 | 0.24 | 89 | 90 | 14.1 | 13.9 | 112 | 111 | 3.52 | 3.48 | 93 | 104 | 1265 | I+17 | I+.49 | I+.40 | I+.019 | -4.85 | 25.95 | 35.03 | 29.82 | 24.2 | 5.62 | 55.66 |
| 75 | 2418 | 16390329 | 0.3 | 0.28 | 90 | 81 | 0.27 | 0.25 | 104 | 94 | 15.2 | 14.7 | 109 | 117 | 3.36 | 3.27 | 98 | 98 | 1480 | I+32 | I+.11 | I+.28 | I-.014 | -9.25 | 26.27 | 46.1 | 14.86 | 10.01 | 4.85 | 51.35 |
| 76 | 9278 | 16390330 | 0.35 | 0.33 | 94 | 95 | 0.29 | 0.27 | 100 | 101 | 10.7 | 10.2 | 82 | 81 | 3.87 | 3.77 | 101 | 113 | 1265 | I+6 | I+.37 | I-.20 | I-.004 | -5.79 | 25.08 | 30.54 | 22.57 | 20.21 | 2.36 | 38.81 |
| 77 | 2428 | 16418881 | 0.34 | 0.33 | 106 | 95 | 0.23 | 0.22 | 92 | 83 | 12.3 | 12.2 | 90 | 97 | 3.44 | 3.38 | 102 | 101 | 1130 | I-6 | I+.27 | I+.15 | I+.022 | -3.02 | 30.86 | 33.07 | 22.98 | 16.64 | 6.34 | 27.69 |
| 78 | 912 | 16161569 | 0.42 | 0.41 | 98 | 118 | 0.34 | 0.33 | 103 | 124 | 12.9 | 12.6 | 96 | 100 | 3.43 | 3.37 | 104 | 101 | 1450 | I+10 | I+.10 | I+.29 | I-.008 | -18.07 | 30.84 | 44.35 | 17.88 | 9.61 | 8.27 | 41.15 |
| 79 | 918 | 16161574 | 0.42 | 0.42 | 100 | 121 | 0.3 | 0.3 | 94 | 113 | 13.4 | 13.5 | 103 | 107 | 3.11 | 3.12 | 96 | 93 | 1435 | I+15 | I+.17 | I+.41 | I-.020 | -18.65 | 31.04 | 43.7 | 22.33 | 12.49 | 9.84 | 49.04 |
| 80 | 810 | 16308046 | 0.58 | 0.56 | 127 | 161 | 0.38 | 0.36 | 129 | 135 | 14.8 | 14.4 | 107 | 115 | 3.05 | 2.93 | 108 | 88 | 1240 | I+17 | I+.26 | I+.24 | I+.037 | -3.73 | 26.39 | 25.16 | 17.42 | 16.21 | 1.21 | 41.25 |
| 81 | 814 | 16308051 | 0.34 | 0.32 | 73 | 92 | 0.18 | 0.16 | 57 | 60 | 13.9 | 13.5 | 101 | 107 | 2.23 | 2.14 | 79 | 64 | 1180 | I+13 | I+.18 | I+.18 | I+.013 | -3.73 | 26.39 | 25.16 | 17.16 | 12.9 | 4.26 | 38 |
| 82 | 811 | 16308047 | 0.46 | 0.43 | 98 | 124 | 0.37 | 0.34 | 121 | 128 | 13 | 12.4 | 93 | 99 | 1.95 | 1.83 | 67 | 55 | 1220 | I+13 | I+.14 | I+.10 | I+.030 | -3.73 | 26.39 | 25.16 | 12.14 | 11.26 | 0.88 | 32.99 |
| 83 | 618 | 16308052 | 0.53 | 0.51 | 116 | 147 | 0.34 | 0.32 | 114 | 120 | 15.3 | 14.9 | 111 | 119 | 2.79 | 2.71 | 100 | 81 | 1300 | I+23 | I+.24 | I+.28 | I+.033 | -3.73 | 26.39 | 25.16 | 16.48 | 15.47 | 1.01 | 44.19 |
| 84 | 813 | 16308049 | 0.5 | 0.48 | 109 | 138 | 0.38 | 0.36 | 129 | 135 | 12.9 | 12.4 | 93 | 99 | 4.18 | 4.07 | 150 | 122 | 1270 | I+18 | I+.46 | I+.37 | I+.013 | -9.01 | 29.53 | 40.25 | 29 | 23.3 | 5.7 | 56.86 |
| 85 | 812 | 16308048 | 0.34 | 0.32 | 73 | 92 | 0.18 | 0.16 | 57 | 60 | 13 | 12.5 | 93 | 99 | 2.75 | 2.63 | 97 | 79 | 1235 | I+14 | I+.31 | I+.38 | I-.007 | -9.01 | 29.53 | 40.25 | 26.66 | 18.12 | 8.54 | 51.75 |
| 86 | 084 | 16246667 | 0.27 | 0.25 | 100 | 72 | 0.31 | 0.29 | 100 | 109 | 14.8 | 14.3 | 100 | 114 | 2.68 | 2.58 | 100 | 77 | 1285 | I+11 | I+.18 | I+.18 | I+.013 | -4.14 | 28.17 | 28.93 | 17.5 | 12.9 | 4.6 | 37.73 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Avg.** | | | 0.36 | 0.35 | | | 0.28 | 0.27 | | | 12.84 | 12.57 | | | 3.41 | 3.34 | | | 1197 | | | | | | | | | | | |
| **Std Dev** | | | 0.09 | 0.09 | | | 0.08 | 0.08 | | | 1.17 | 1.17 | | | 0.91 | 0.92 | | | 101.14 | | | | | | | | | | | |