## April 2018      Percentile Ranking Levels

The P-level is a useful tool to evaluate genetic merit of young bulls. The P-level is a percentile ranking of Jersey Production Index™ (JPI), displayed as P0 through P9. The P-level is based on the genomic JPI when available. When PA JPI is not available, percentile rankings are based on PA Protein.

P-level indicates how one animal ranks compared to all other Registered Jerseys™ of the same sex born in the same year. To interpret, insert the P-level in the blank in the following statement: "This bull has a higher PA JPI (GJPI) than __0 percent of the registered bulls born in the same year." Example: A P8 bull born in 2017 has a higher PA JPI than 80 percent of the Registered Jersey bulls born in 2017.

The tables show means and minimum values for percentile ranking levels for the birth years 2013 to 2017 and projected for 2018 and 2019. P-levels are not printed on Official Performance Pedigrees for bulls.

### Percentile Rankings (P-Levels) for Bulls

| Type | Year | Mean | P0 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JPI | 2013 | 47 | < -21 | -21 | 19 | 38 | 50 | 60 | 68 | 75 | 83 | 94 |
| JPI | 2014 | 60 | < -4 | -4 | 34 | 52 | 63 | 72 | 79 | 87 | 96 | 107 |
| JPI | 2015 | 70 | < -1 | -1 | 39 | 58 | 71 | 82 | 92 | 102 | 114 | 126 |
| JPI | 2016 | 91 | < 9 | 9 | 57 | 82 | 97 | 108 | 117 | 125 | 133 | 145 |
| JPI | 2017 | 103 | < 9 | 9 | 65 | 94 | 111 | 123 | 132 | 139 | 148 | 158 |
| JPI | 2018* | 117 | < 20 | 20 | 77 | 107 | 125 | 138 | 147 | 155 | 165 | 176 |
| JPI | 2019* | 131 | < 28 | 28 | 89 | 122 | 141 | 154 | 164 | 172 | 182 | 192 |
|  | * projected |  |  |  |  |  |  |  |  |  |  |  |

| Type | Year | Mean | P0 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRO | 2013 | 12 | < -15 | -15 | 2 | 9 | 14 | 18 | 21 | 24 | 27 | 31 |
| PRO | 2014 | 16 | < -8 | -8 | 5 | 12 | 16 | 20 | 24 | 27 | 31 | 36 |
| PRO | 2015 | 20 | < -10 | -10 | 8 | 16 | 21 | 25 | 29 | 32 | 36 | 42 |
| PRO | 2016 | 25 | < -7 | -7 | 11 | 21 | 28 | 32 | 35 | 39 | 42 | 47 |
| PRO | 2017 | 28 | < -8 | -8 | 15 | 26 | 31 | 36 | 39 | 42 | 46 | 51 |
| PRO | 2018* | 33 | < -5 | -5 | 18 | 30 | 36 | 41 | 44 | 47 | 51 | 57 |
| PRO | 2019* | 37 | < -4 | -4 | 21 | 34 | 40 | 45 | 48 | 52 | 56 | 62 |
|  | * projected |  |  |  |  |  |  |  |  |  |  |  |