6. D.P. Inflation QB rating

1. A number 2. Calculated using a series of measurements 3. Used for comparisons 4. Some information is lost

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$$a = \left(\frac{\text{COMP}}{\text{ATT}} - .3\right) \times 5$$

$$b = \left(\frac{\text{YDS}}{\text{ATT}} - 3\right) \times .25$$

$$c = \left(\frac{\text{TD}}{\text{ATT}}\right) \times 20$$

$$d = 2.375 - \left(\frac{\text{INT}}{\text{ATT}} \times 25\right)$$

where

ATT = Number of passing attempts

COMP = Number of completions

YDS = Passing yards

TD = Touchdown passes

INT = Interceptions

Then, the above calculations are used to complete the passer rating:

Passer Rating_{NFL} =
$$\left(\frac{mm(a) + mm(b) + mm(c) + mm(d)}{6}\right) \times 100$$

where $mm(x) = \max(0, \min(x, 2.375))$

In other words, mm(x) = x, with two exceptions:

- 1. If x < 0, then mm(x) = 0.
- 2. If x > 2.375, then mm(x) = 2.375.

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