

Percent Muscle and Pork Pricing

Loin eye _____

Fat Depth at 10th Rib _____

Hot Carcass Weight _____

$$\begin{aligned} \text{Pounds of Muscle} &= 7.231 + (0.437 \times \text{Hot Carcass Weight}) \\ &\quad + (3.877 \times \text{Loin eye area}) \\ &\quad - (18.746 \times 10^{\text{th}} \text{ Rib Fat Depth}) \end{aligned}$$

$$\% \text{ Muscle} = \frac{\text{Pounds of Muscle}}{\text{Hot Carcass Weight}} \times 100$$

Pork Pricing

\$/ CWT _____ x CWT = Carcass Price \$ _____

Carcass \$ _____ x Adjustment _____ = Adjusted

Carcass \$ _____

Total Carcass Cutout \$ _____ - Adj Car \$ _____

= Profit \$ _____