

Illustration of State Student Need Weighting

Assumptions for a Hypothetical District:

- ADA = 100 students total
- State Aid = \$100 per ADA
- PSEN = 20 students
- Legislatively-determined PSEN weighting = 0.25

Formulation 1:

$$\begin{aligned}\text{State Aid} &= \$100 (80 \text{ ADA}) + \$125 (20 \text{ ADA}) \\ &= \$8,000 + \$2,500 \\ &= \$10,500\end{aligned}$$

Formulation 2:

$$\begin{aligned}\text{State Aid} &= \$100 (100 \text{ ADA} + .25 \times 20 \text{ ADA}) \\ &= \$100 \times 105 \text{ ADA} \\ &= \$10,500\end{aligned}$$

Conclusion:

Both methods (dollars per pupil or pupil weightings) result in the same outcome.

