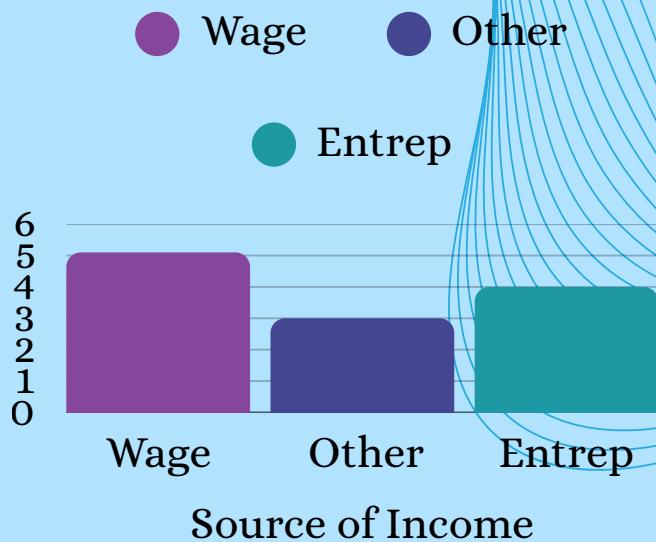
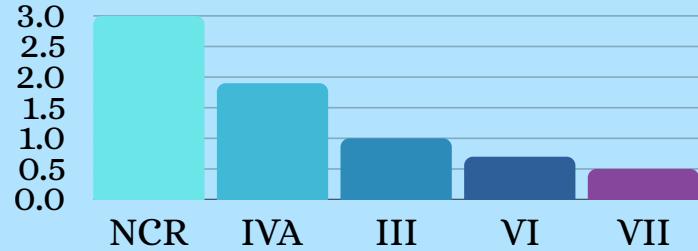


INCOME FAMILY EXPENDITURE

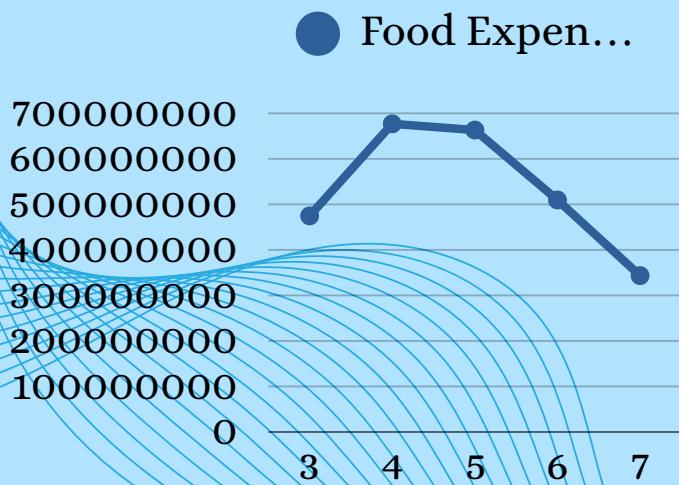
INSIGHT 2 — Wage/Salary earners generate the largest share of national income (~₱3.83B)



INSIGHT 1 — NCR contributes the highest total household income (~₱2.7B)



INSIGHT 3 — Food expenditure peaks for households with 4–6 members (~₱600–700M)



INSIGHT 4 — Male-headed households have far more employed family members (~81%)

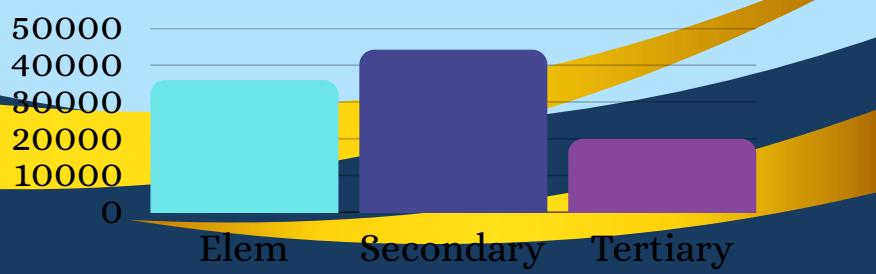
Head Household Employed

Female 10%
Male 90%

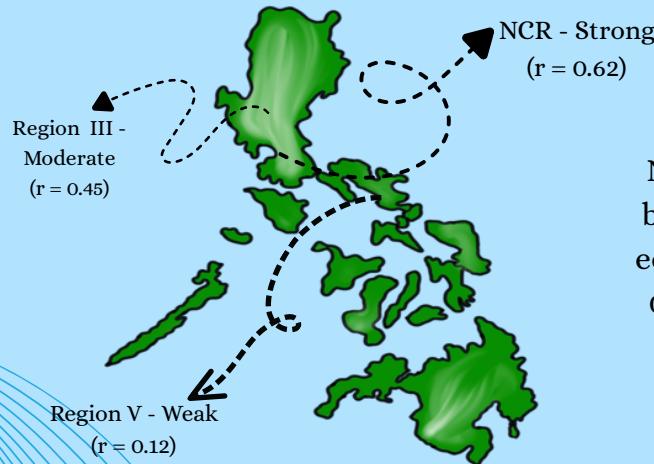
INSIGHT 5 — Larger families are common when the household head finished High School or Elementary

Elem Secondary

Tertiary



INCOME FAMILY EXPENDITURE



INSIGHT 6 —
National correlation between income and education is weak ($r = 0.095$), but strong in specific regions

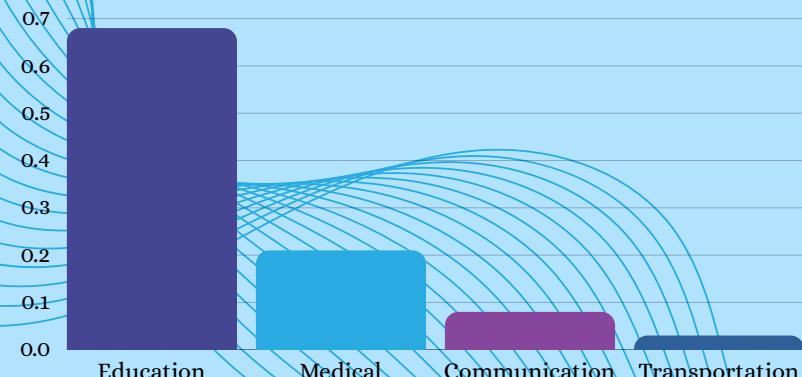
Cor. Strength (Food vs Income)

$r = 0.664$

INSIGHT 8 — Decision Tree shows education is the strongest predictor of income (feature importance ≈ 0.68)

- Education ● Medical ● Communication
- Transportation

INSIGHT 7 — Food expenditure has one of the strongest correlations with income ($r \approx 0.664$)



Education predicts income much better in rural regions than NCR (higher R^2 values)



Linear regression shows employed family members increase income the most

