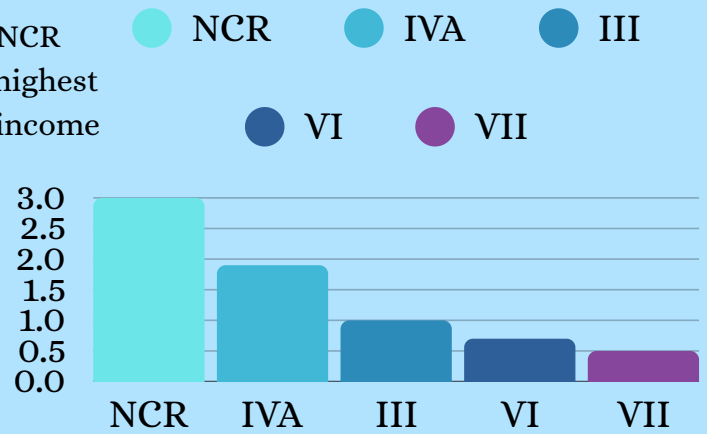
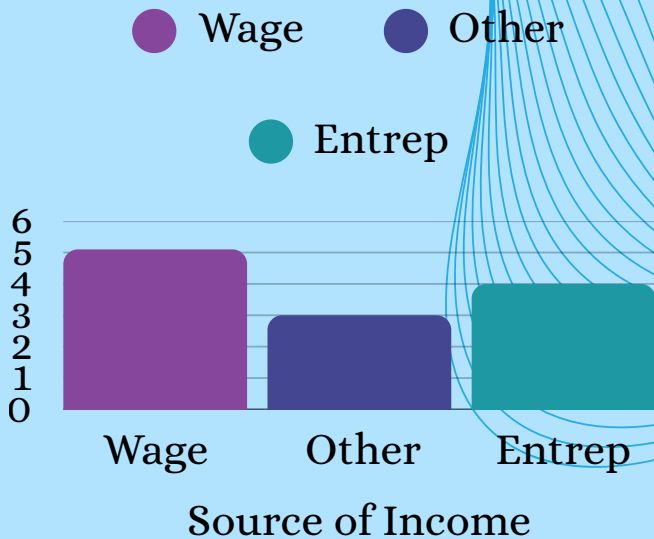


# INCOME FAMILY EXPENDITURE

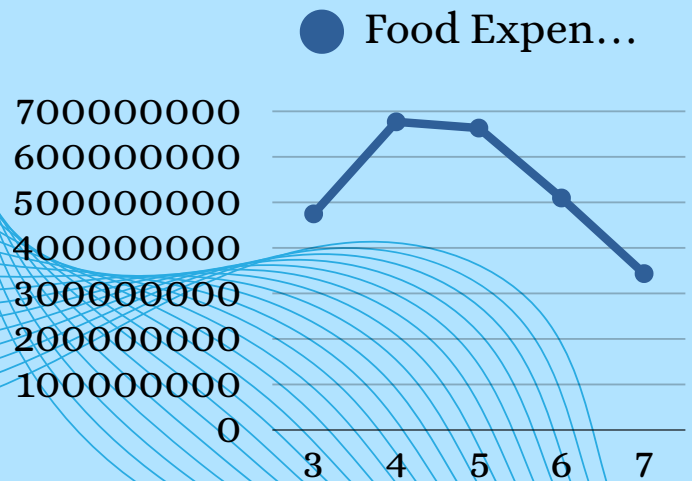
INSIGHT 1 — NCR  
contributes the highest  
total household income  
(~₱2.7B)



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

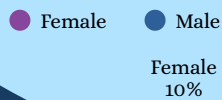


INSIGHT 3 — Food expenditure peaks for  
households with 4-6 members (~₱600-700M)

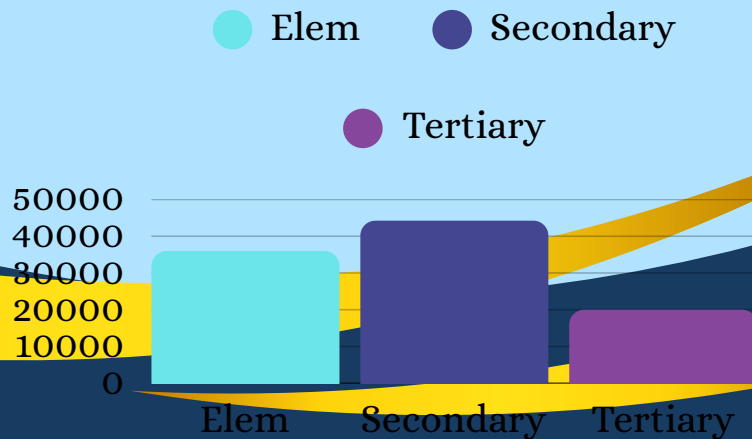


INSIGHT 4 — Male-headed  
households have far more  
employed family members (~81%)

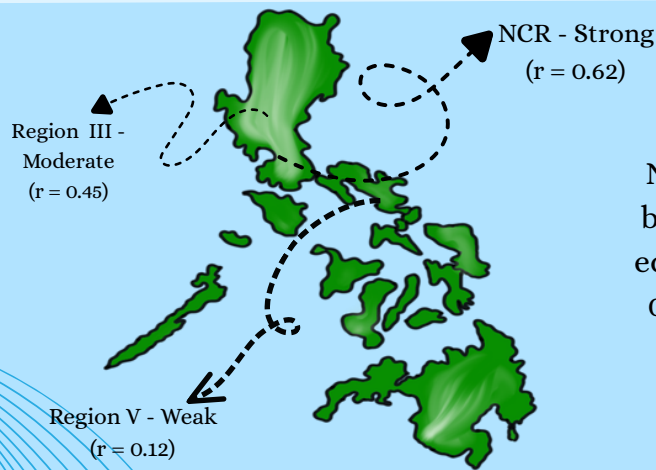
Head Household  
Employed



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



# INCOME FAMILY EXPENDITURE



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

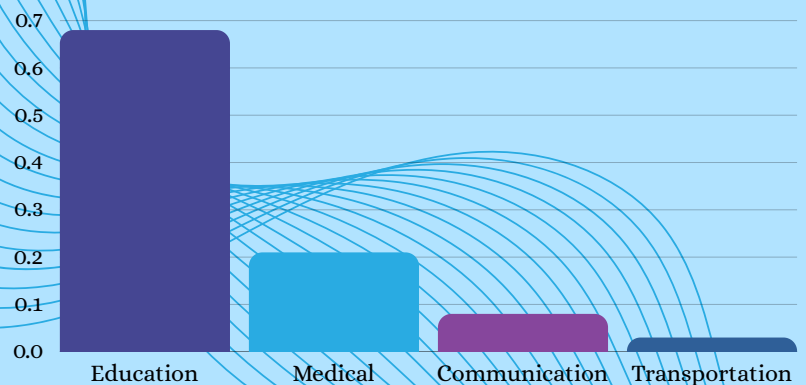
Cor. Strength (Food vs Income)

$r = 0.664$

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

**INSIGHT 8 —** Decision Tree shows education  
is the strongest predictor of income (feature  
importance  $\approx 0.68$ )

● Education ● Medical ● Communication  
● Transportation



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

$R^2$  Values of Income Prediction



Linear regression shows employed  
family members increase income the  
most

Effect on Income (Regression Coefficients)

