IT'S ALL ABOUT THE
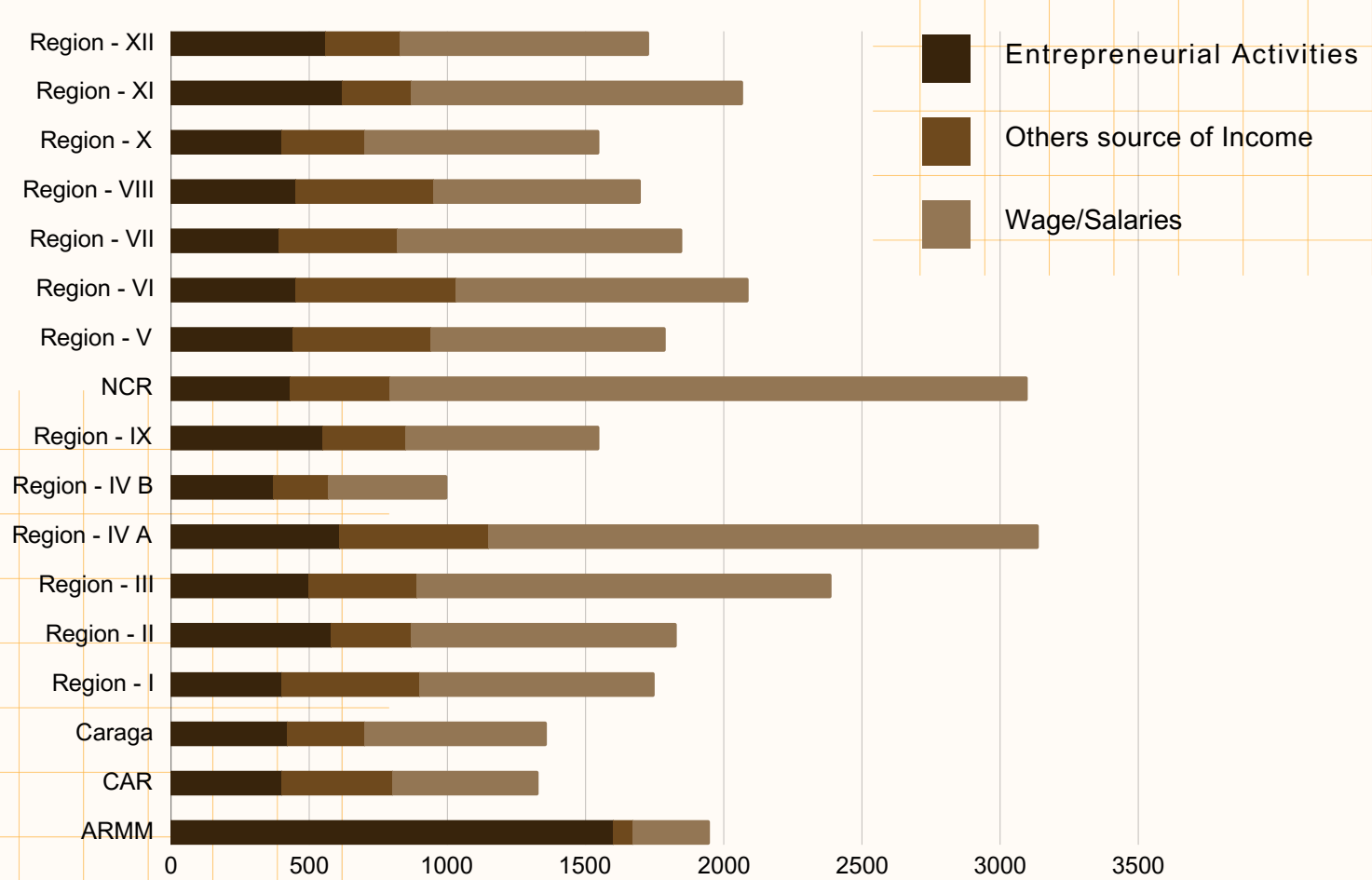# FAMILY INCOME AND
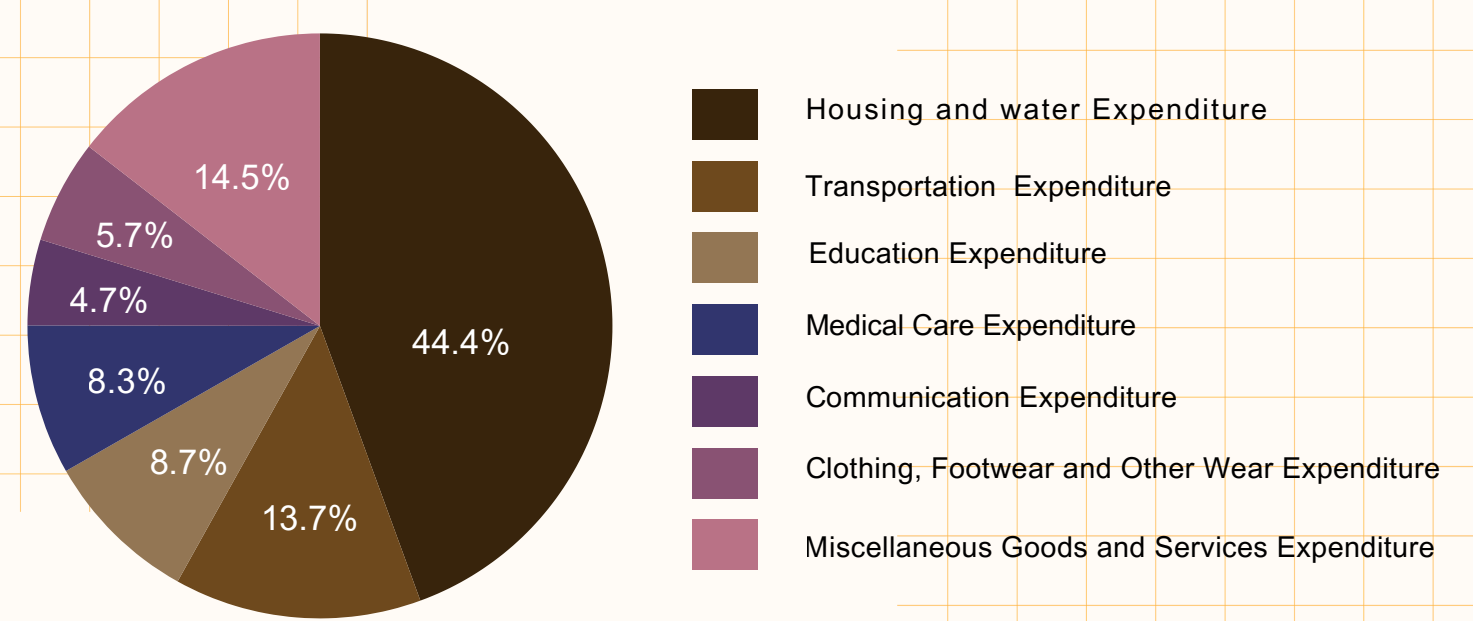A Diagnostic and Predictive Analysis of Family Income and Expenditure
EXPENDITURE

## DATA 1

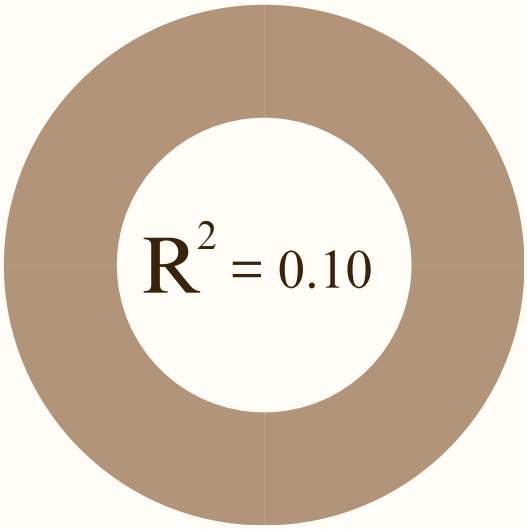Main Source of Income by Region

Legend:
- Entrepreneurial Activities
- Others source of Income
- Wage/Salaries

Regions (top to bottom): Region - XII, Region - XI, Region - X, Region - VIII, Region - VII, Region - VI, Region - V, NCR, Region - IX, Region - IV B, Region - IV A, Region - III, Region - II, Region - I, Caraga, CAR, ARMM

X-axis: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500

DATA 2

- 44.4% Housing and water Expenditure
- 13.7% Transportation Expenditure
- 8.7% Education Expenditure
- 8.3% Medical Care Expenditure
- 4.7% Communication Expenditure
- 5.7% Clothing, Footwear and Other Wear Expenditure
- 14.5% Miscellaneous Goods and Services Expenditure

Educational Expenditure

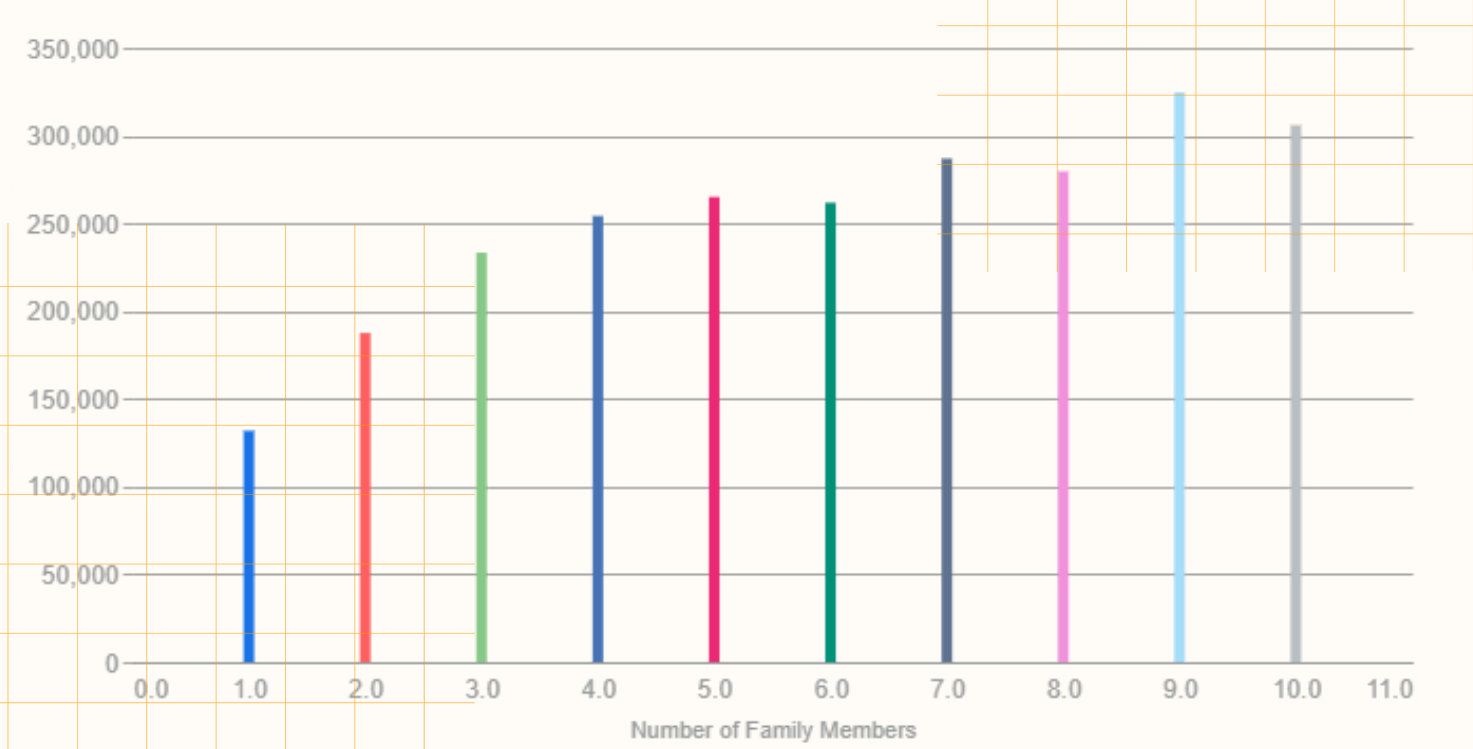| Factor	Prediction (Coefficient)
School-Age Members (5-17 yrs)	973.1
Total Household Income	0.03
Total Family Members	-131.21

DATA 3

$R^2 = 0.19$
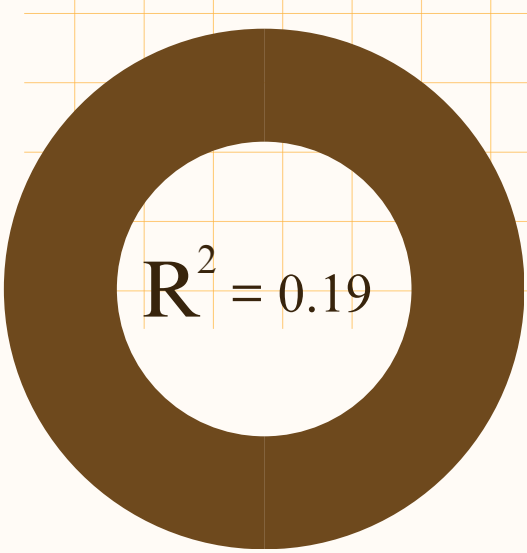
Medical Expenditure

Factor	Prediction (Coefficient)
Household Head Age	156.32
Total Household Income	0.03
Total Family Members	-411.04

$R^2 = 0.10$

FAMILY INCOME AND

A Diagnostic and Predictive Analysis of Family Income and Expenditure

EXPENDITURE

DATA 1

DATA 2

- Housing and water Expenditure — 44.4%
- Transportation Expenditure — 13.7%
- Education Expenditure — 8.7%
- Medical Care Expenditure — 8.3%
- Communication Expenditure — 4.7%
- Clothing, Footwear and Other Wear Expenditure — 5.7%
- Miscellaneous Goods and Services Expenditure — 14.5%
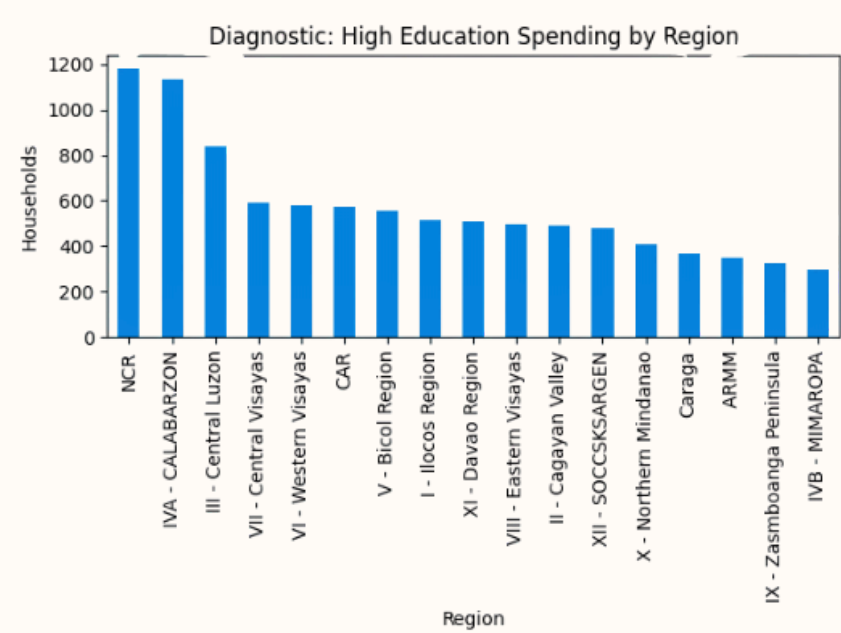
DATA 3

Diagnostic: High Education Spending by Region
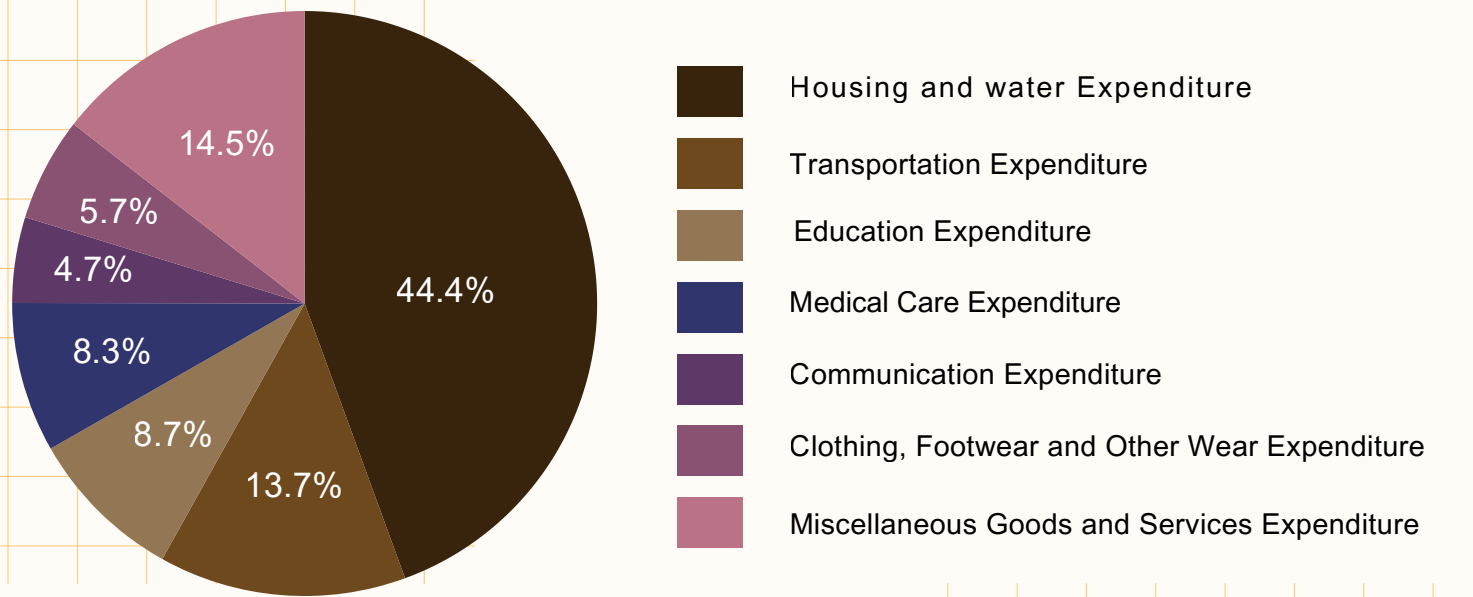
Regions with higher education spending tend to be urban or have access to private schools.

Projection: Assume 15% increase

Predictive: Future High Education Spending by Region