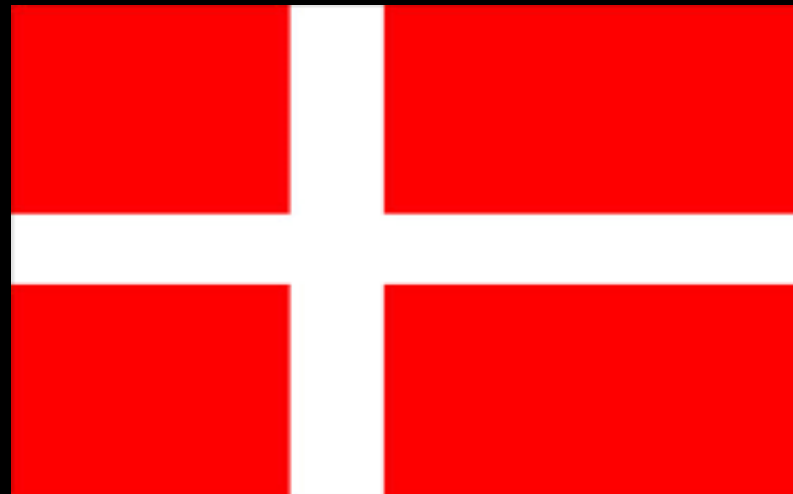
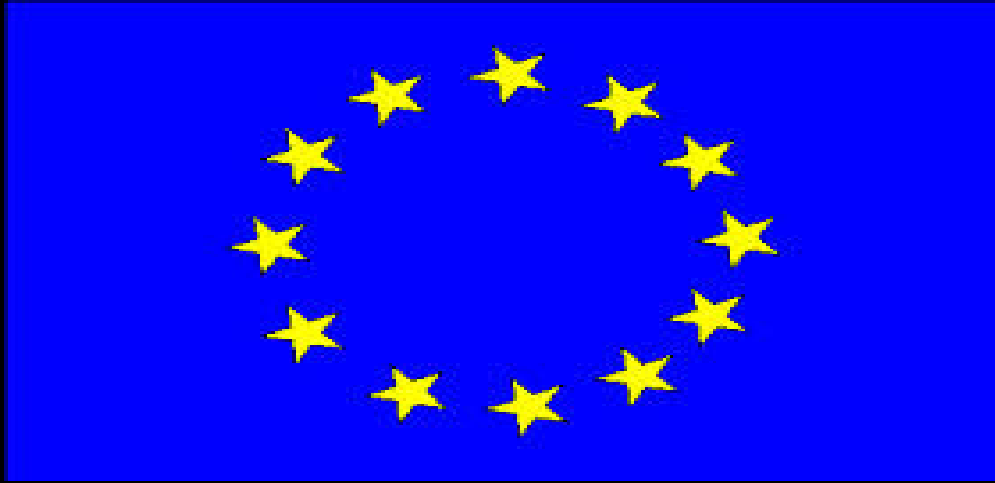


Economic indicators in fisheries management: Baseline case study in Tañon Strait, The Philippines



Oceana works on national fisheries policy



Five year goals in each country



Stop Overfishing



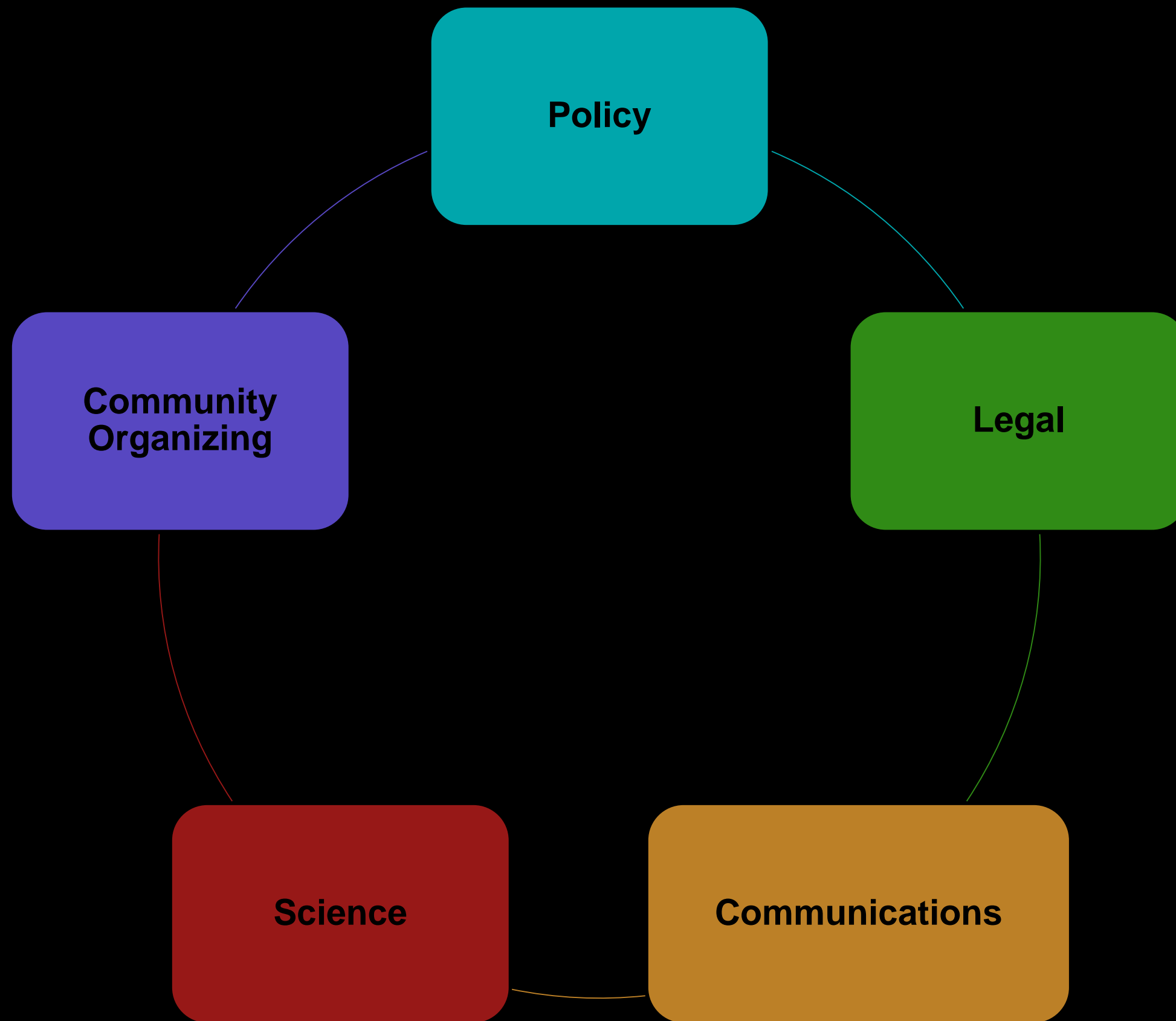
Protect Habitat



Reduce Bycatch



Stop Illegal Fishing



Save the Oceans: Feed the World



- **Healthy oceans: potential meal for one billion people**
- **29 countries and the EU control 90% of the world's wild seafood**

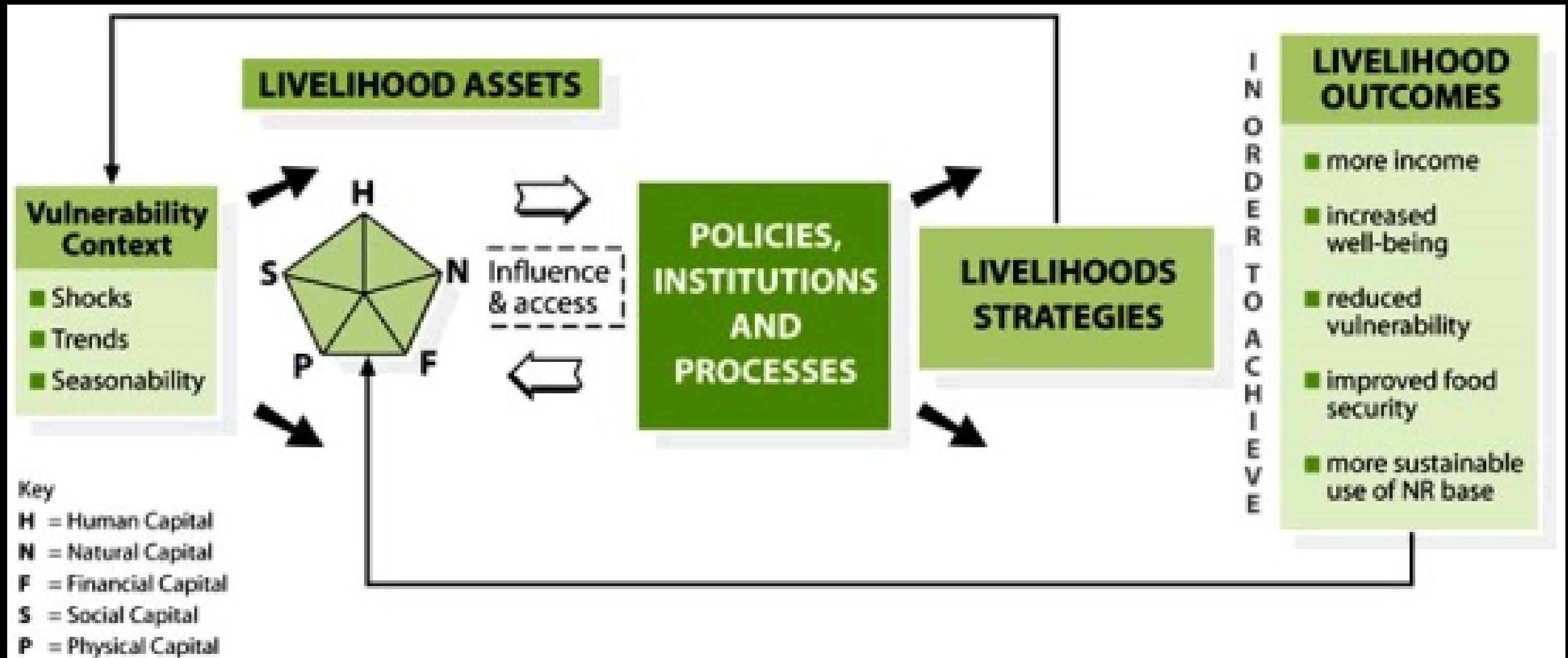
Ending Commercial Fishing in Tañon Strait, the Philippines



Measuring livelihoods



Sustainable Livelihoods Framework (FAO)



Livelihoods Indicators

Income

- Annual claimed
- Monthly expenditure claimed

Non-income

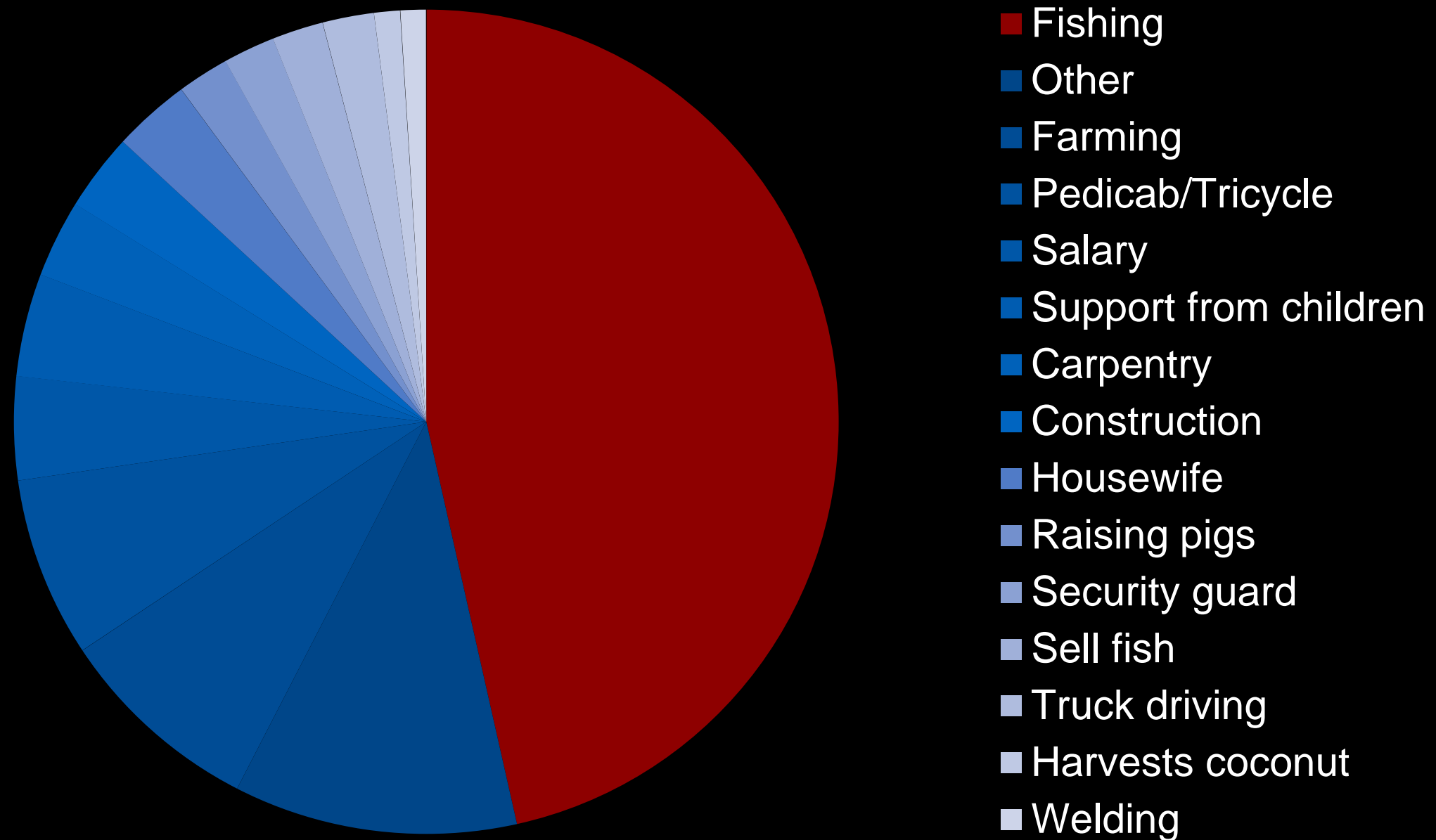
- Health
- Education levels
- House structure
- Assets (natural, financial, human, physical, social)
- Grouped wealth ranking
- Access (to credit, markets, healthcare, land tenure)
- Food security



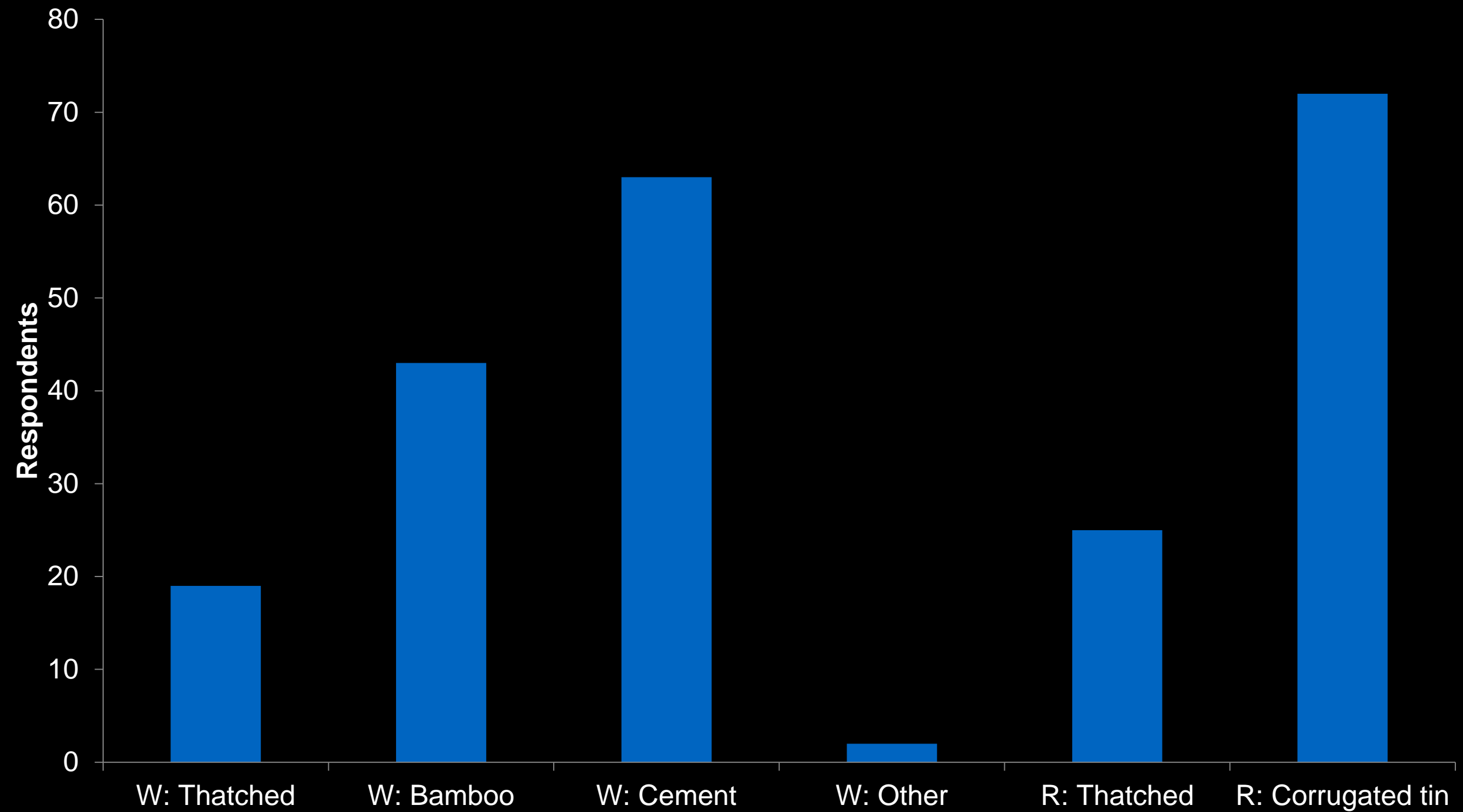
Blank well-being sheet

	Well-off (4)	Better off (3)	Middle (2)	Poor (1)
Housing				
Food Security				
Health				
Sources of Income				
Assets				

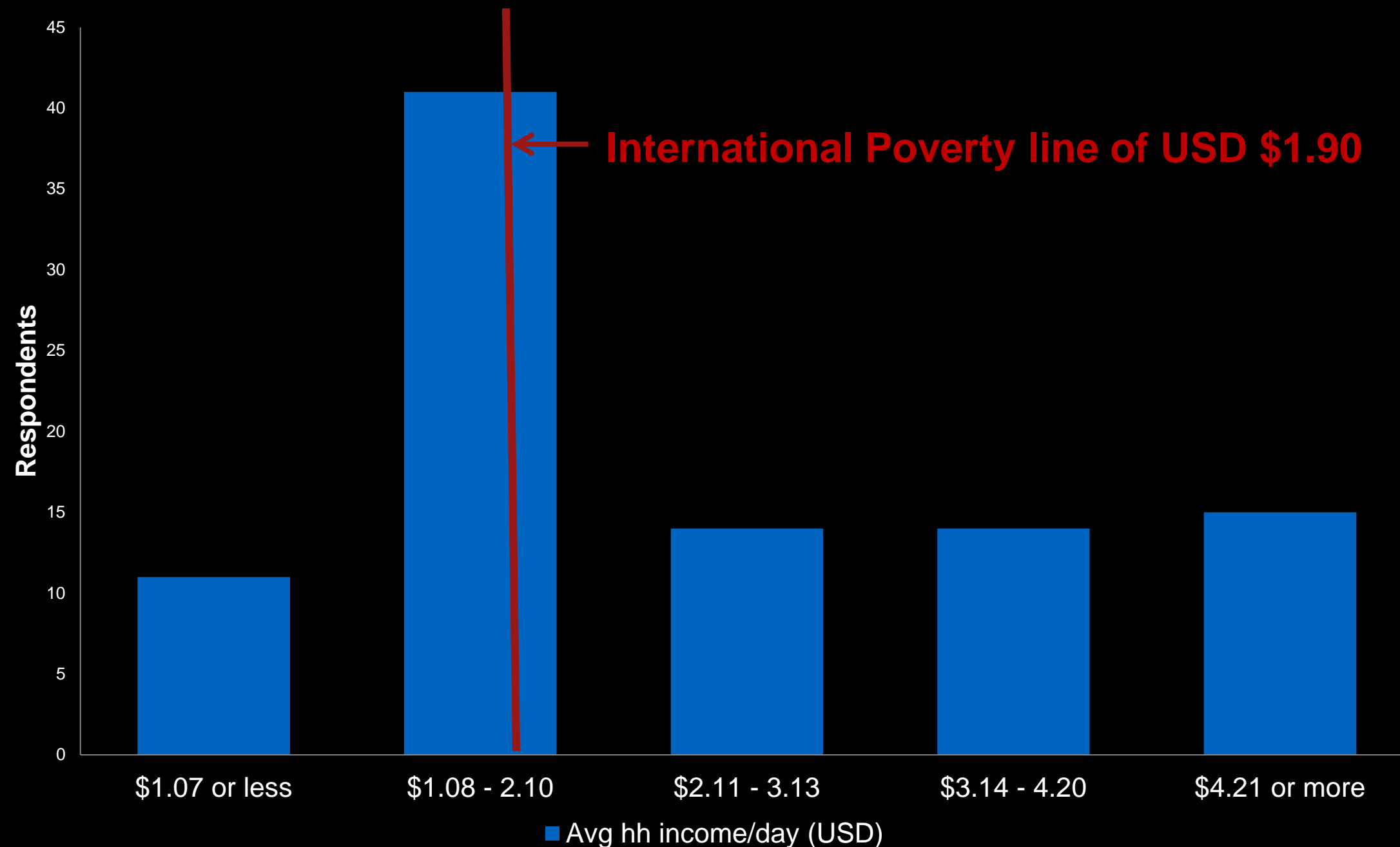
Livelihoods activities



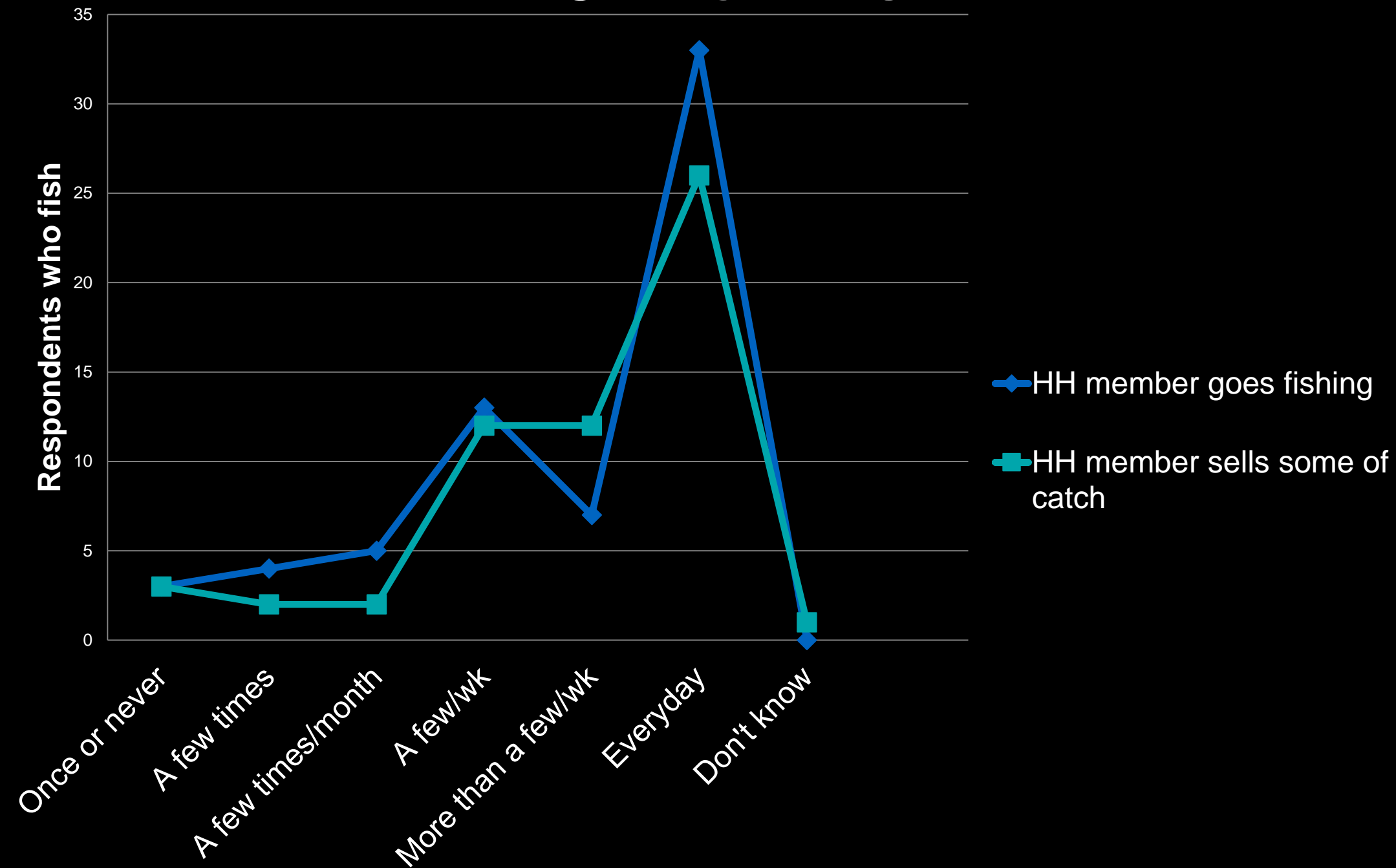
Housing type



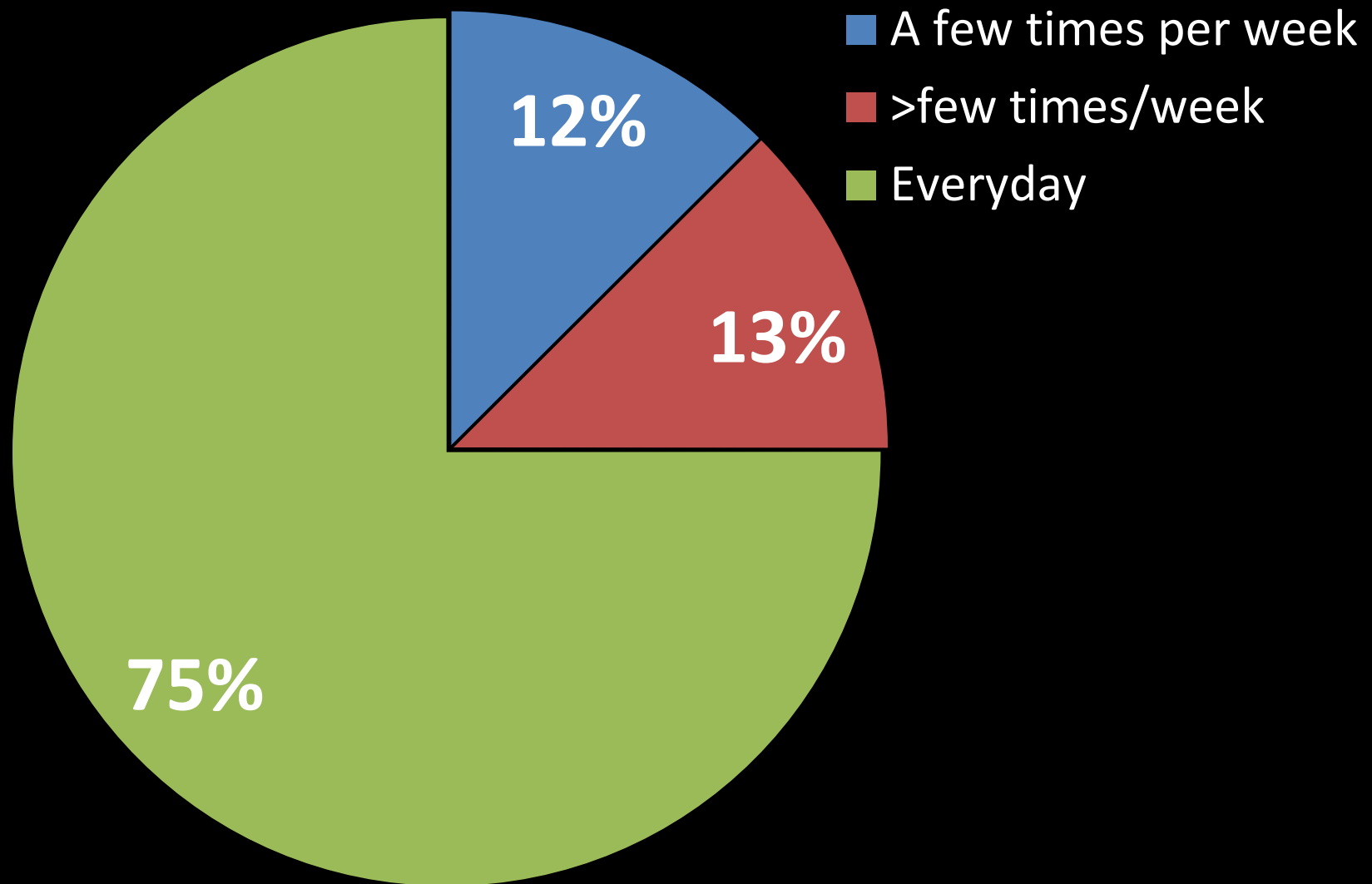
Average household income/day (USD)



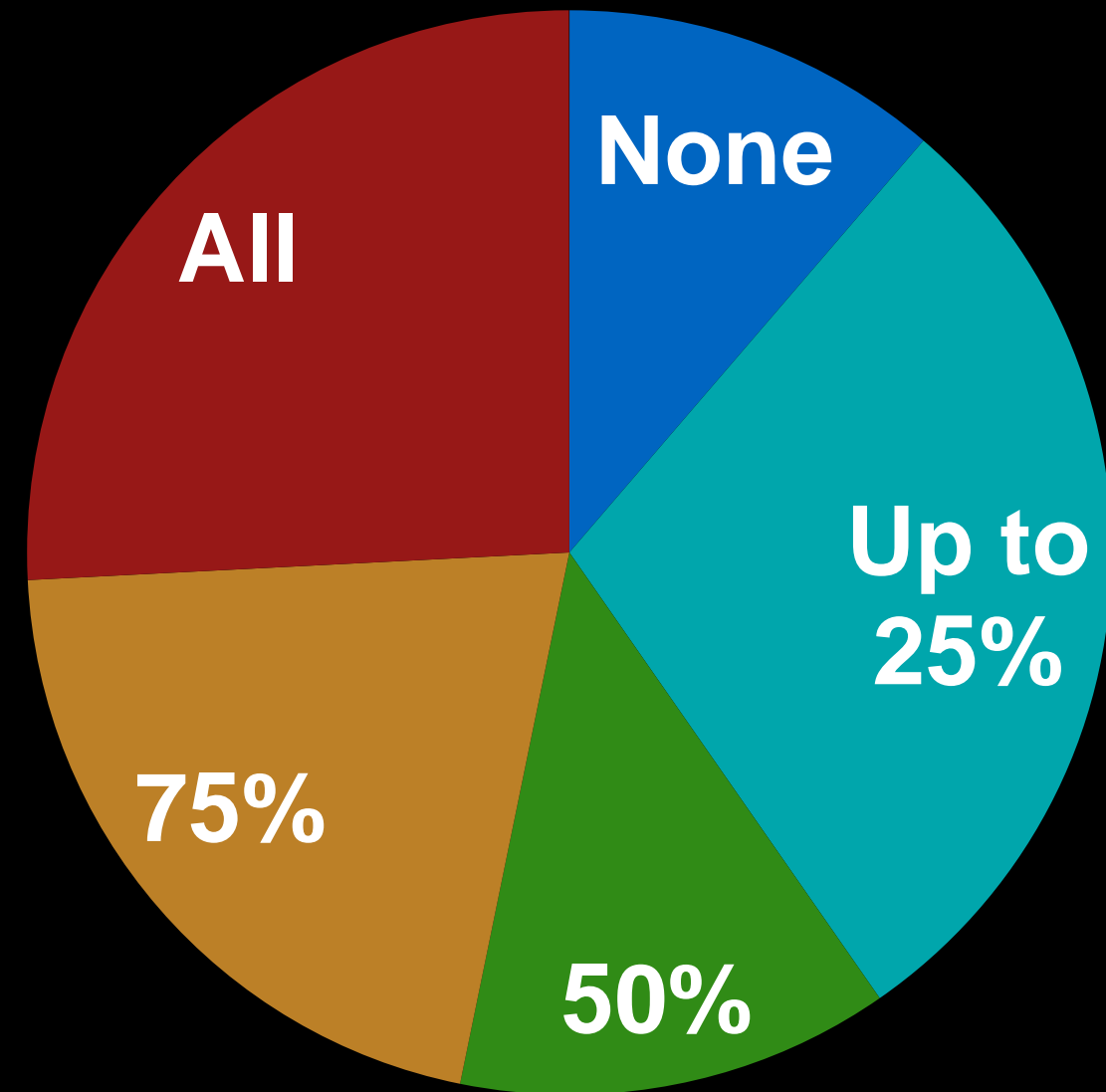
Frequency of fishing and selling catch in the last 6 months



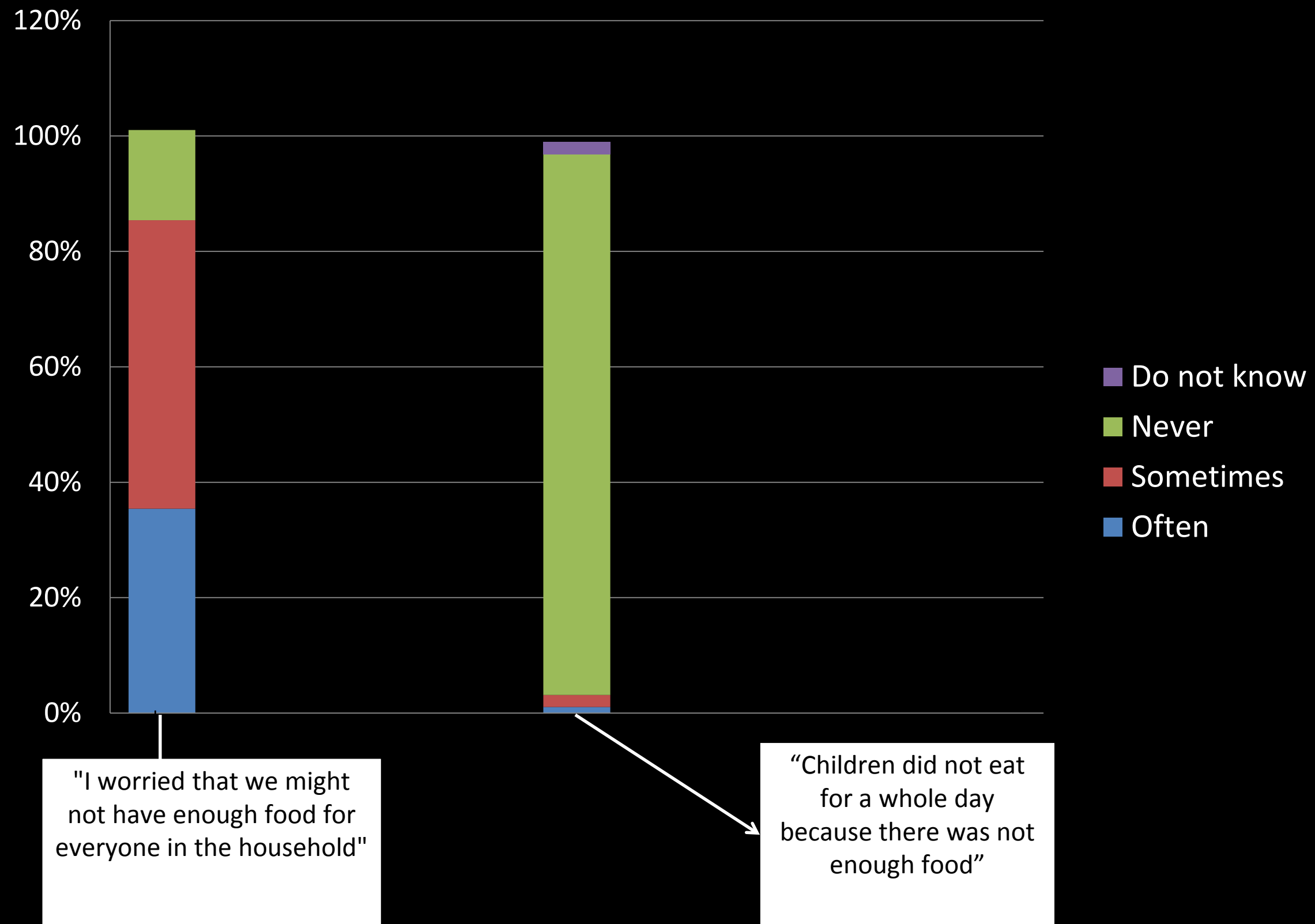
Frequency of fish eaten in last six months



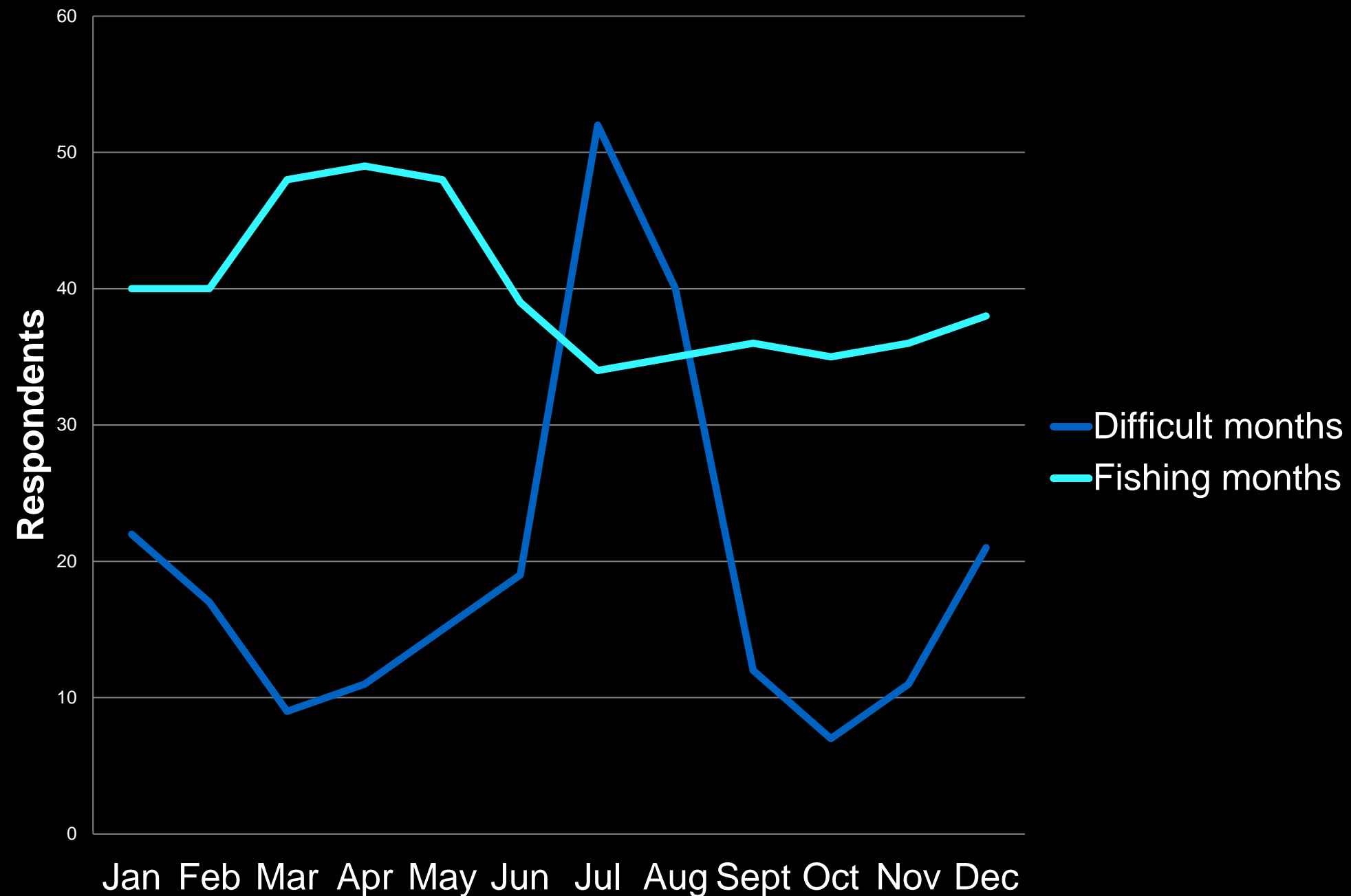
Percentage of cash income in household in last six months from fishing




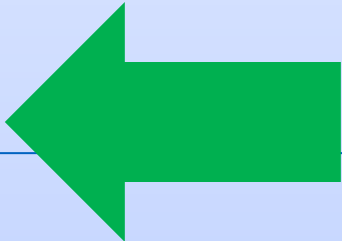

Food availability



Yearly cycle of “difficult months” and months that respondents fish



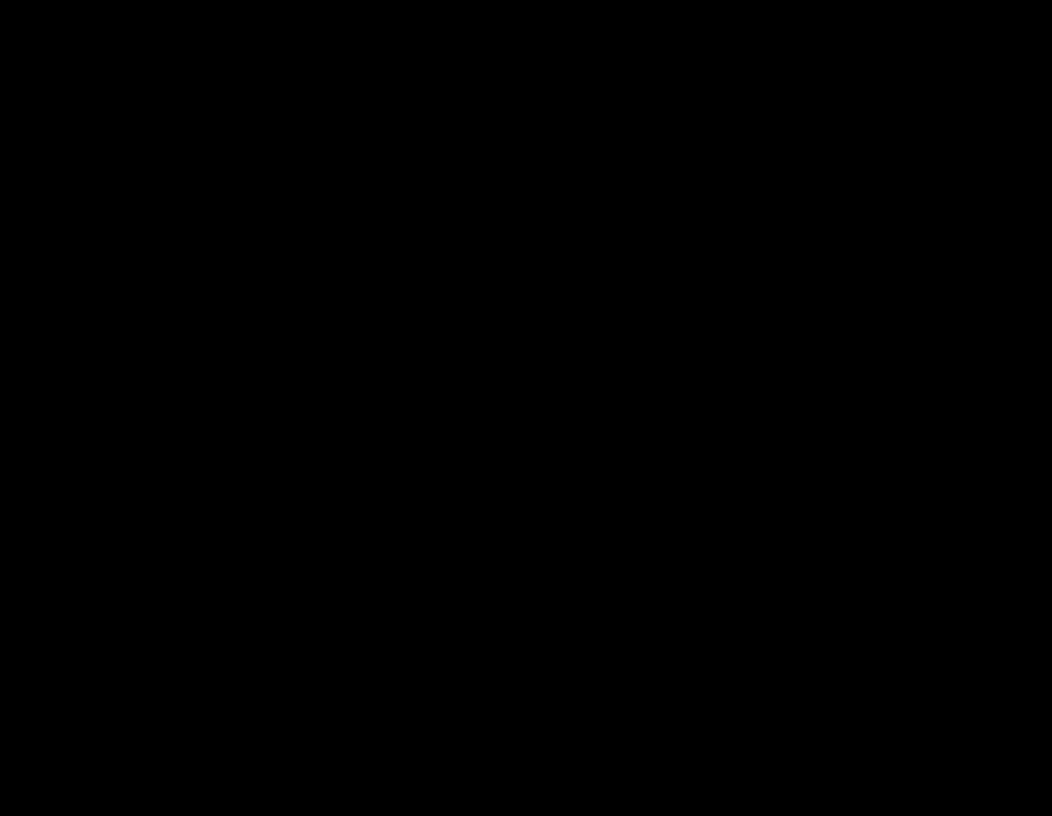
Well-being ranking results

	Well-off (4)	Better off (3)	Middle (2)	Poor (1)
Housing				
Food Security				
Health				
Sources of Income				
Assets				

Well-being ranking results



	Well-off (4) 8%	Better off (3) 19%	Middle (2) 56%	Poor (1) 17%
Housing	Concrete walls, tin roof more than 4rooms Electricity Connected to public water	Concrete walls, tin roof, 2-3 room Electricity Connected	Semi-concrete (half hollow blocks, half bamboo/thatched) walls, nipa roof, 2 rooms Likely electricity Well or pumps	Bamboo/nipa (mangrove palm) walls, nipa roof (sometimes holes), 1 room No electricity Common water
Food Security	Eat 3x a day Eats meat many times /wk	Rarely skips meals Eats meat a few times/week	Sometimes skips meals Eats meat once-few times/week	Often skips meals Only eats meat on special occasions
Health	Use private hospitals	Use either public or private hospitals	Community health center or public hospitals	Community health centers or nothing
Sources of Income	Own their own business, overseas children supporting them	Employed/salary (public or private), overseas or domestic children supporting them	Sari-sari, money from children working locally	Fishing and farming
Assets	4 wheel vehicle(s), boat(s) Aircon DVD player, portable wifi, tablet, laptop, Smartphone with monthly plan	4 wheel vehicle, motorized pump boat(s), multicab TV, refrigerator, CD player, DVD player, Smart phone	Motorcycle, motorized pump boat , electric fan, TV, cell phone (talk and text), motorcycle, stereo, radio, TV, CD player, bicycle,	Motorcycle that loan and share, pump boat without motor Radio, cell phone (talk and text),



Questions?

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