

Data Visualization Final Submission

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May 12, 2016

This project looks at development in Southeast Asia. Topics include health, education, economy, demographics, and other social indicators.

The focus countries are Thailand, Viet Nam, Cambodia, Myanmar, Indonesia, and Lao, PDR. For some graphs other countries are used depending on data availability and also to give context to the situation in East Asia.

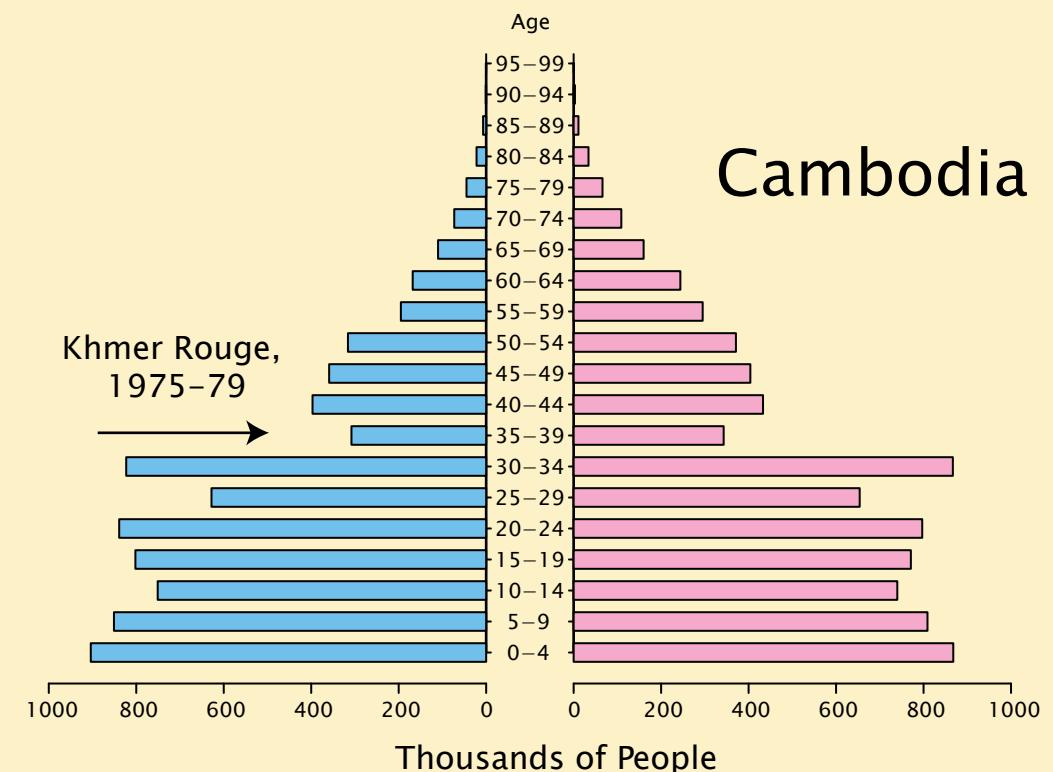
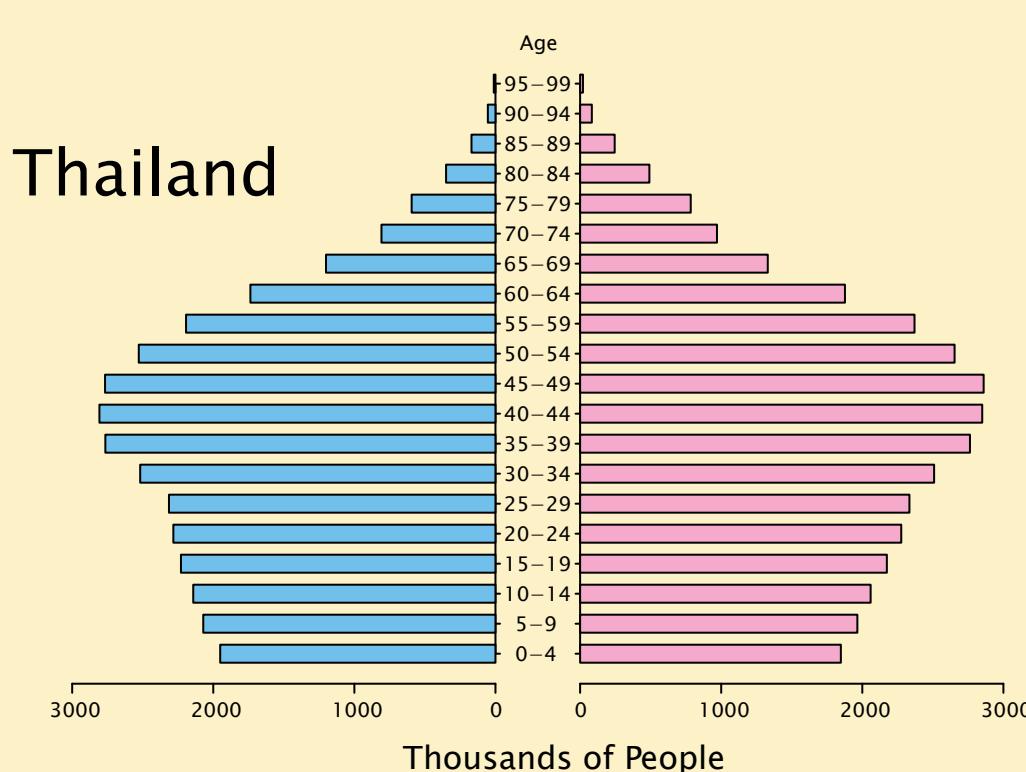
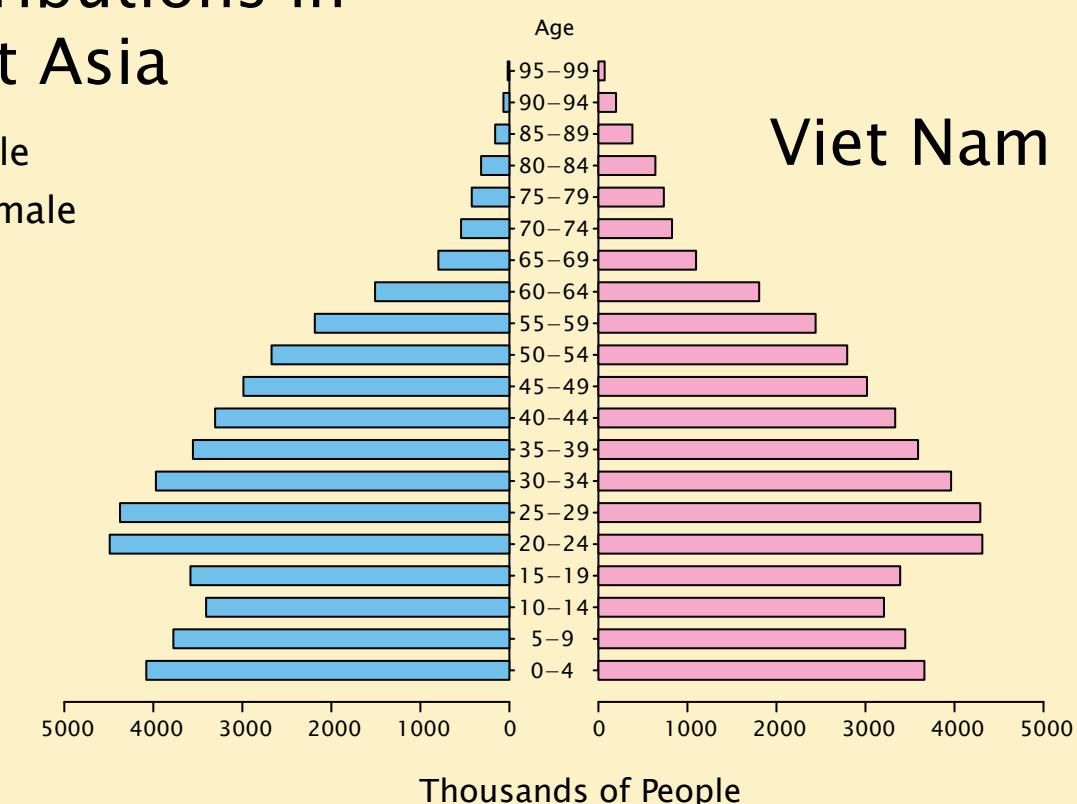
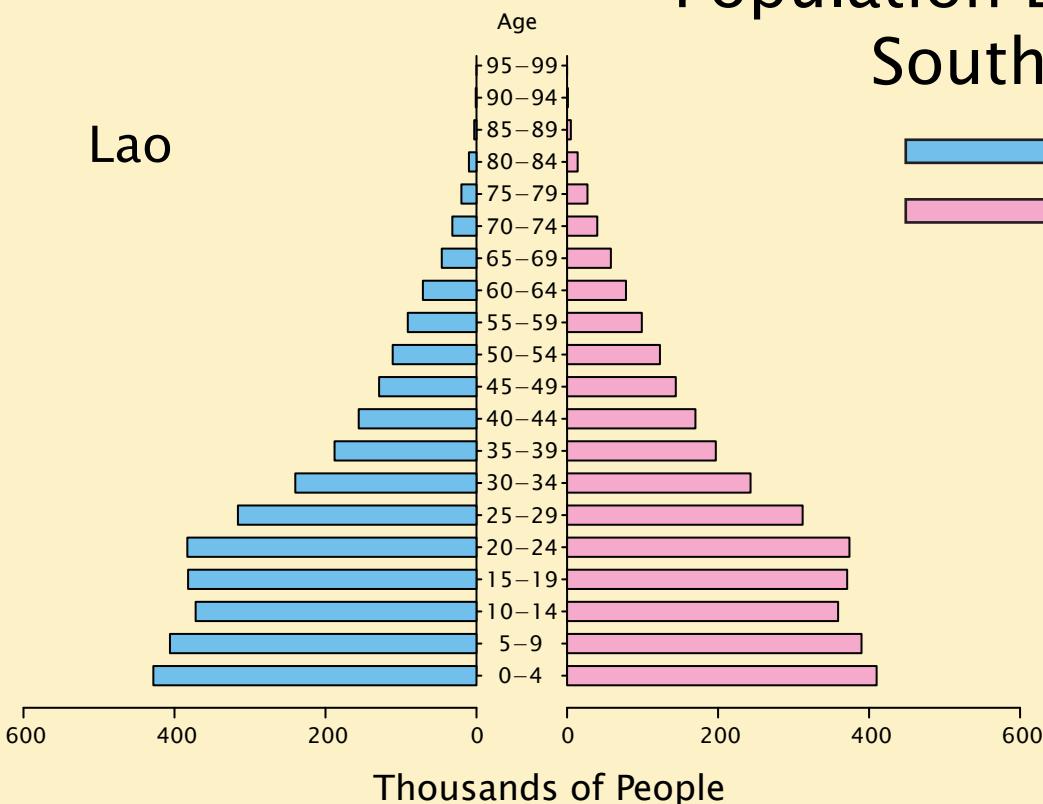
UN datasets refer to the country "Viet Nam", so it is used here. "Lao, People's Democratic Republic" is referred to here as "Lao" for brevity.

1. Population distribution	.pdf	pyramid plots
2. Development indicators	.pdf	parallel coordinates
3. wealth distribution	.pdf	stacked bars
4. Transportation	.pdf	bar plots
5. Foreign aid	.pdf	chord diagram
6. Trade	.pdf	Sankey diagram
7. Human Development Index	html	paired bars
8. Poverty map	html	choropleth
9. Health indicators	html	step charts
10. Governance	html	radar charts
11. GDP by sector	Tableau	pie charts
12. GDP per capita vs. education	Tableau	bubble chart
13. Migration	Tableau	tree map
14. Job type, wealth, and education	Tableau	histogram and heat map



Taken in a village near Luang Prabang, Lao, 2004.

Population Distributions in Southeast Asia

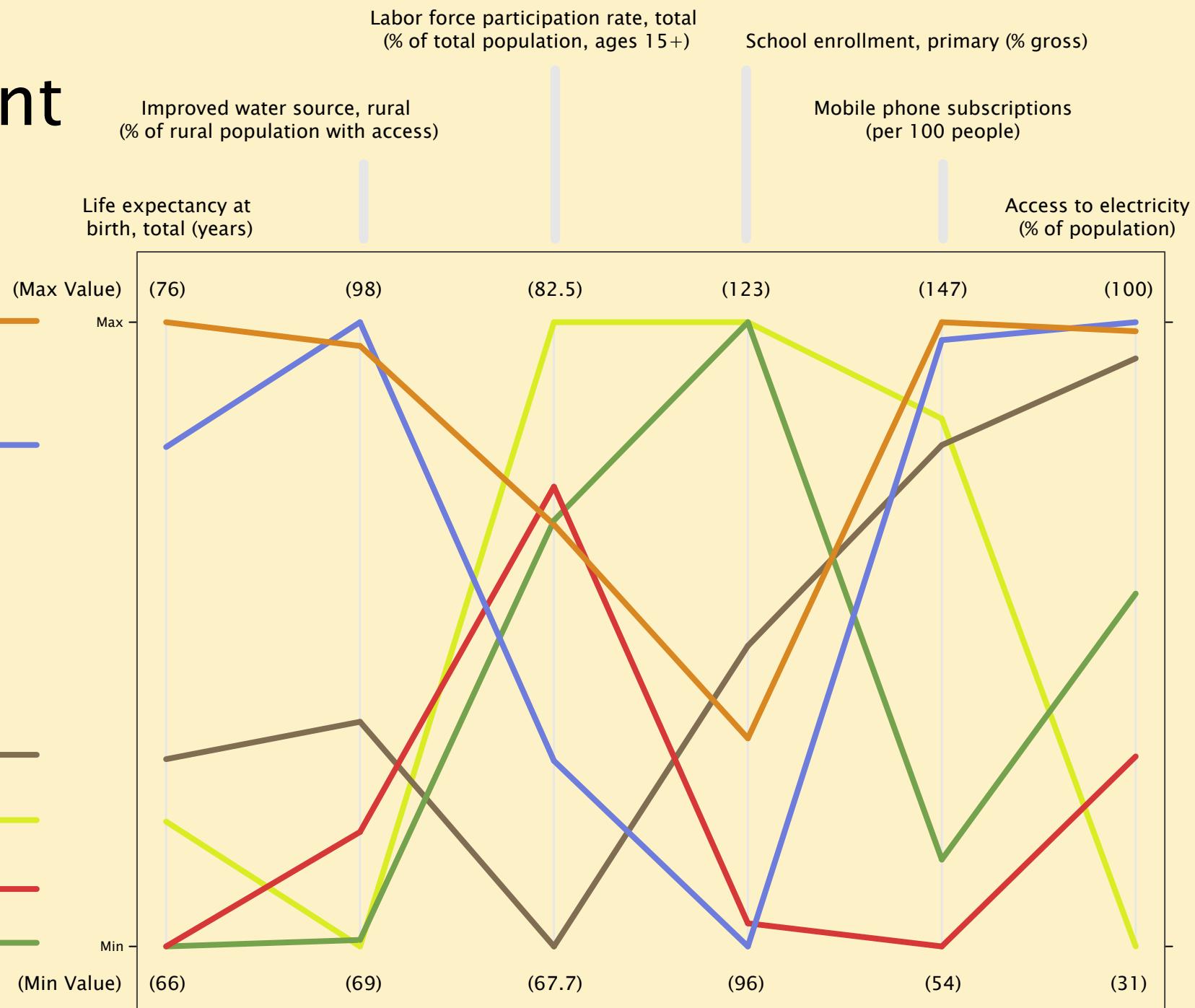


All data from 2015

Source: UN Department of Economic and Social Affairs
esa.un.org/unpd/wpp/Download/Standard/Population

Selected Development Indicators

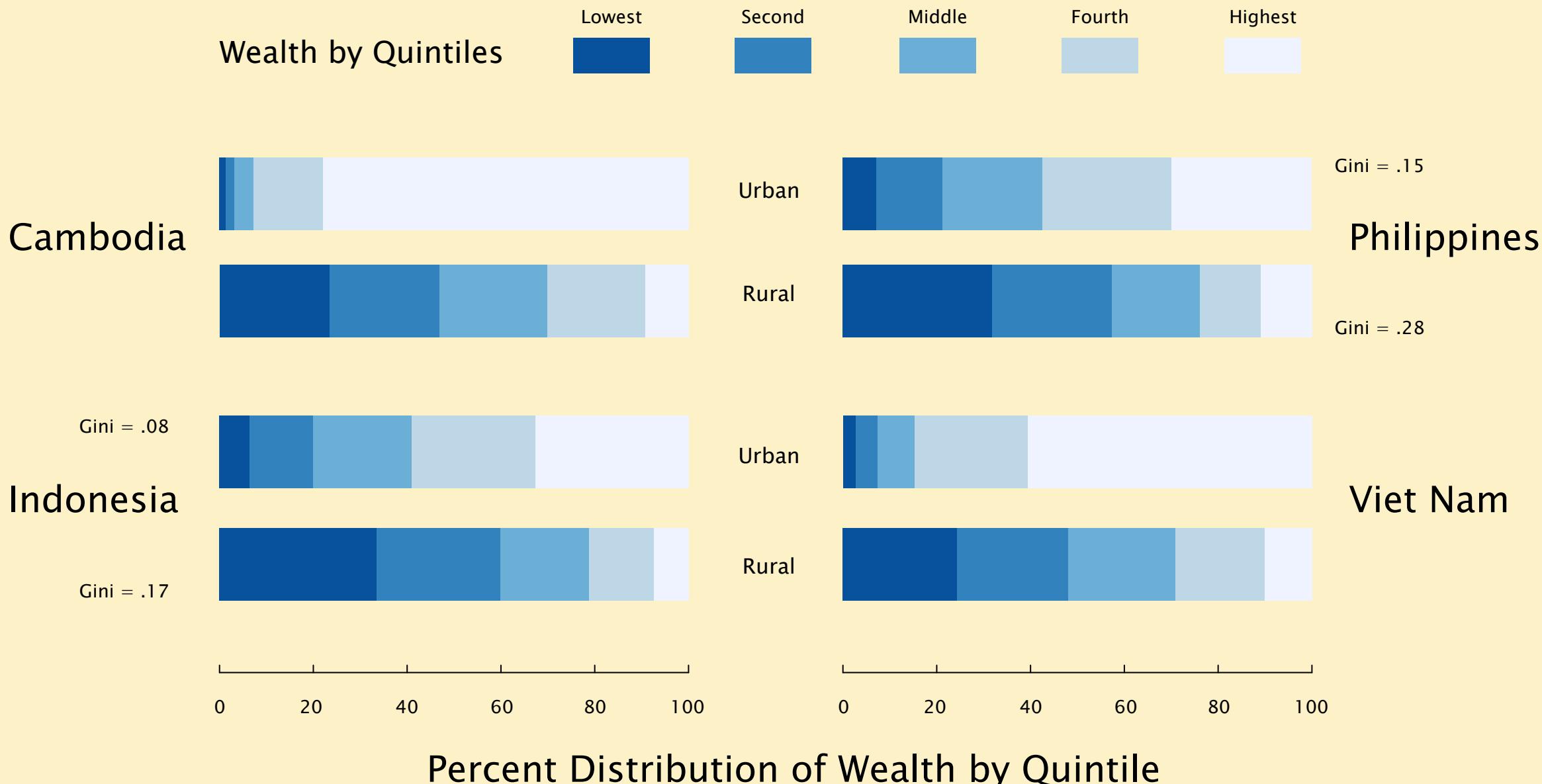
Viet Nam



Wealth Distribution

Wealth distribution by quintiles is shown here. For example, about 80% of the population in urban Cambodia is in the highest quintile.

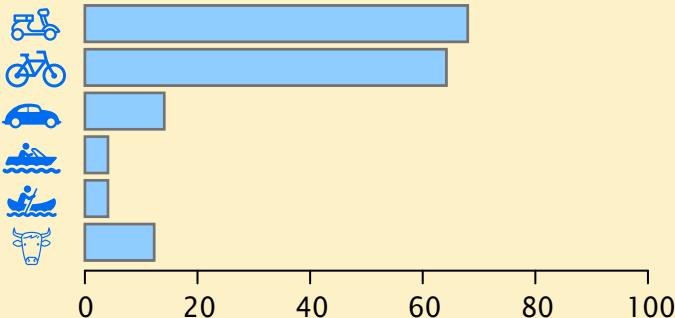
The Gini Coefficient is shown for the countries for which it is available.



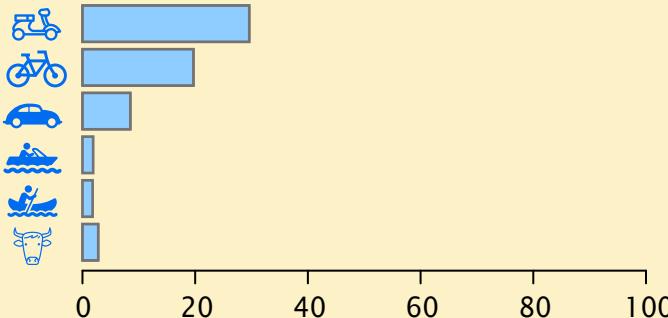
Ownership of Mode of Transportation

This graphic shows the percentage of households in a country owning different modes of transportation. These numbers reflect ownership and therefore public transportation is not included.

Cambodia



Philippines



Motorcycle, scooter



Bicycle, pedicab



Car, truck



Motorized boat

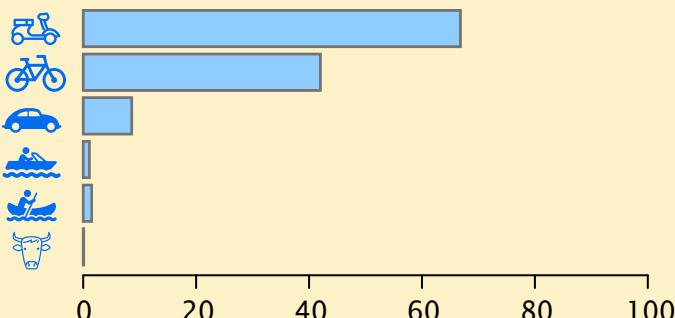


Non-motorized boat

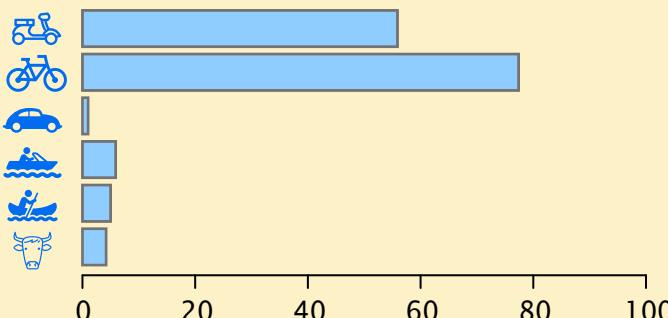


Animal drawn cart

Indonesia



Viet Nam



Percentage of Households Owning Mode of Transportation

Data year for each varies: Cambodia, 2014; Philippines, 2013; Indonesia, 2012; Viet Nam, 2005.

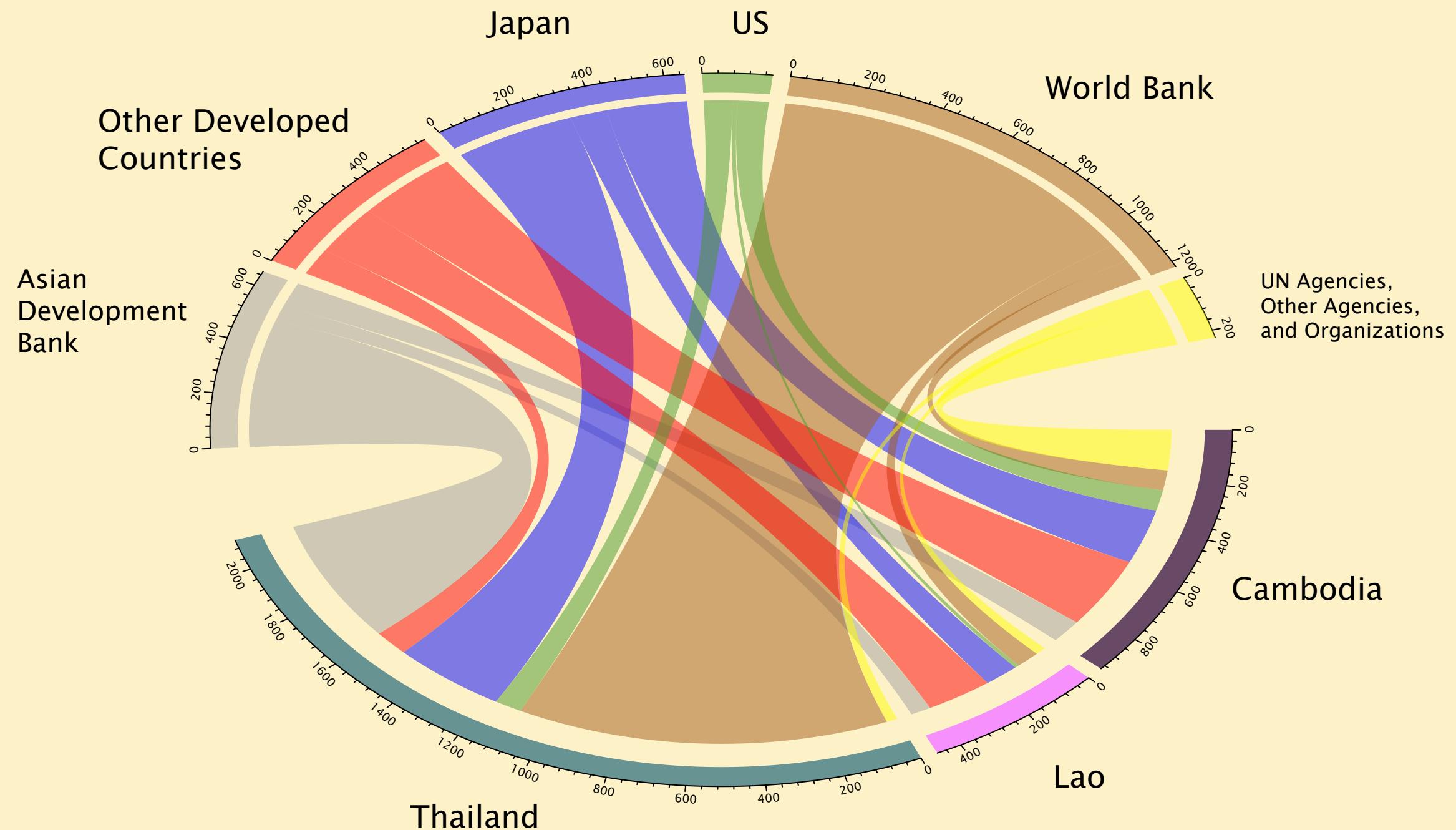
Source: The DHS Program, dhsprogram.com
Icons: flaticon.com

Aid Flows

All numbers are from 2010, in millions of current USD.

Total flows of development assistance from countries, agencies, and other organizations going to Thailand, Cambodia, and Lao.

Interestingly, Viet Nam could not be included because its aid flows are too large – more than 100 times that of Lao.



Trade Flows

From the left are imports flowing into Thailand, Viet Nam, Indonesia, and the Philippines. Then on the right are exports. Only major trading partners are shown. The weighted links reflect actual trade volumes. All values from 2014.

