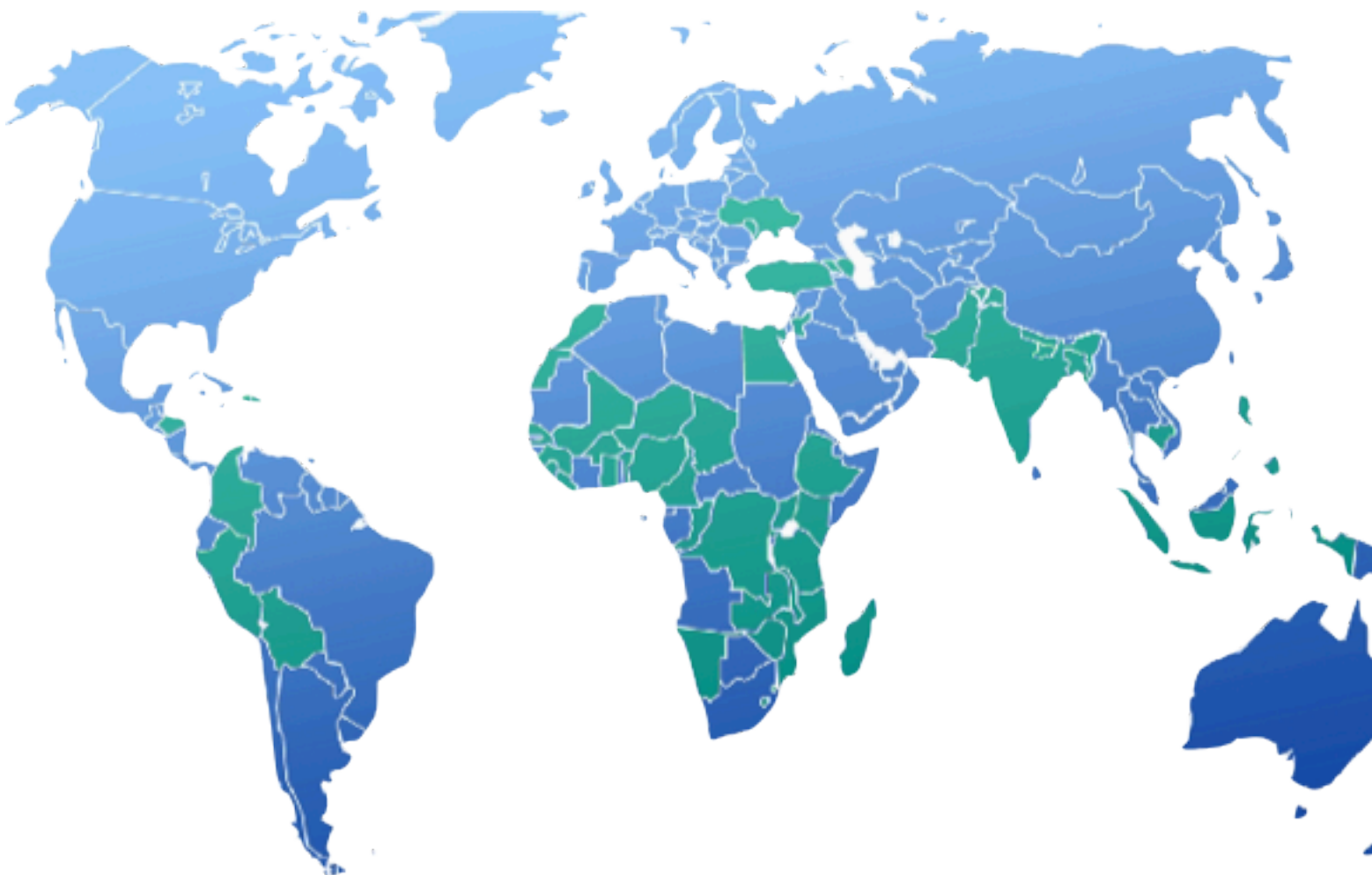


Health Care Utilization Around the World

Dominic Montagu and Adam Visconti
with support from the Bill and Melinda Gates Foundation

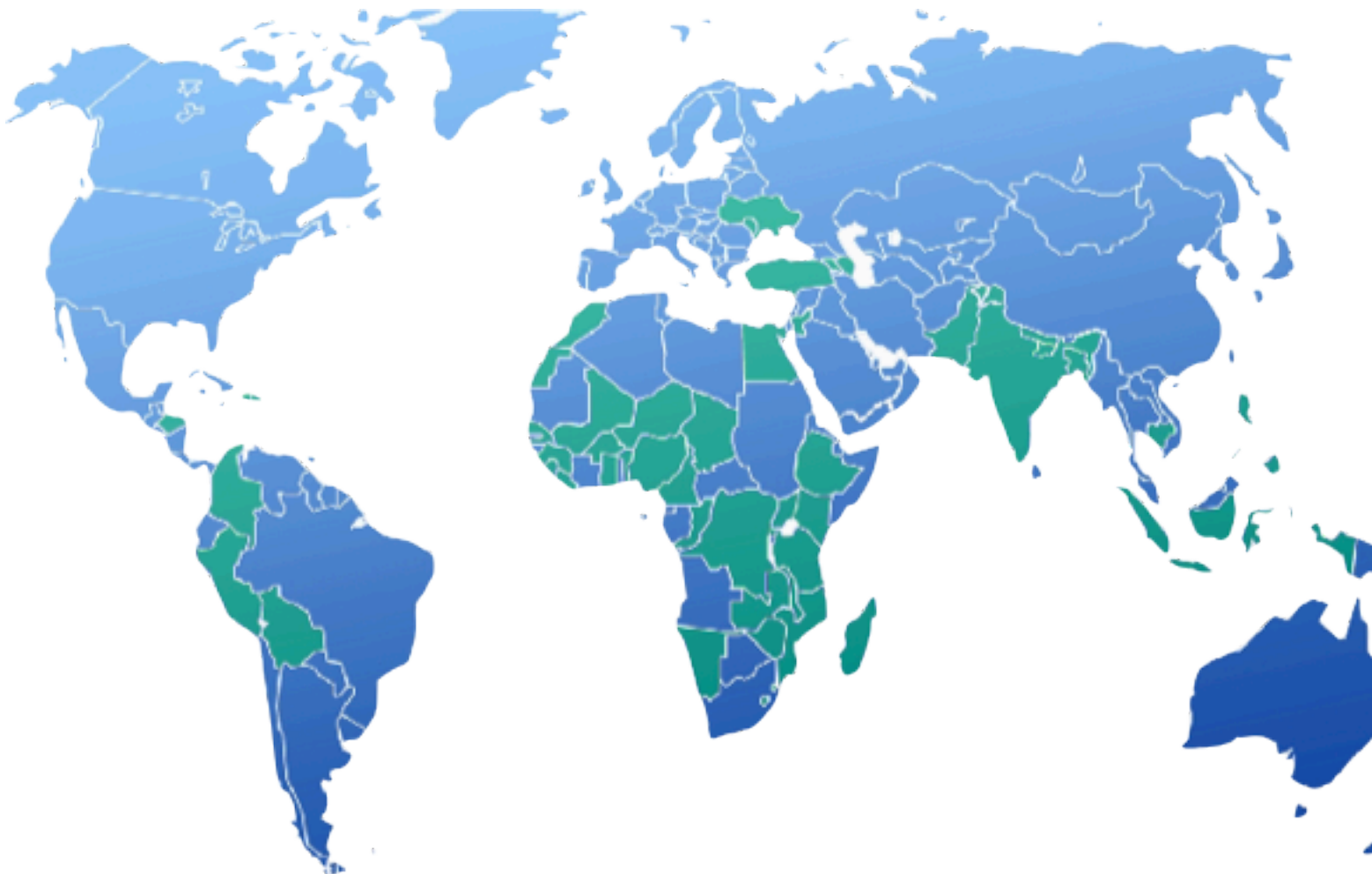
- The slides that follow are the result of analysis of data from Demographic and Health Surveys (DHS) conducted since 2000.
- The source of healthcare services reported is an average of respondents' reported health seeking for children under 5 in the three months prior to the DHS survey.
- Place of birth is reported for all births to women surveyed.
- Regional summaries are representative only of the countries in those regions. Within the regional summaries we have presented data in two forms to account for limitations of the data which do not allow aggregate quintile divisions across countries.
- **First**, we have aggregated all country surveys (weighted according to each country population) *by wealth or 'asset' quintile*. This means, for example, that the poorest quintile for Sub Saharan Africa includes respondents from the poorest quintile in Nigeria, and also from the poorest quintile in Chad.
- **Second**, we have aggregated all regional data by income, dividing those above and below \$1.25/day.
- Detailed analysis for each country, as well as more complete explanations of the samples sizes and sources of information, are all available at www.ps4h.org/globalhealthdata.html

Country Sample Sizes



Country	Year	Diarrhea	ARI	Births
Central Asia / North Africa / Europe				
Armenia	2005	76	591417	
Azerbaijan	2006	82	1172280	
Egypt, Arab Rep.	2008	630	132010868	
Jordan	2007	1093	140010351	
Moldova	2005	58	2071548	
Morocco	2004	275	15566136	
Turkey	2003	N/A	10924513	
Ukraine	2007	N/A	N/A1214	
South Asia				
Bangladesh	2007	420	18456130	
India	2005-06	3140	779251417	
Nepal	2006	341	7345696	
Pakistan	2006-07	1353	24479090	
Sub-Saharan Africa				
Benin	2006	595	352816015	
Burkina Faso	2003	534	201210619	
Cameroon	2004	466	18558039	
Chad	2004	680	8405600	
Congo, Rep.	2005	306	10364765	
Congo, Dem. Rep.	2007	549	22398794	
Ethiopia	2005	435	4309690	
Ghana	2008	366	5522965	
Guinea	2005	388	12696330	
Kenya	2003	347	19885884	
Lesotho	2004	206	7663631	
Liberia	2007	939	16685646	
Madagascar	2003-04	196	6775345	
Malawi	2004	1343	254610781	
Mali	2006	461	154014115	
Mozambique	2003	675	198810144	
Namibia	2006-07	383	6295133	
Niger	2006	580	20219118	
Nigeria	2008	1811	337327948	
Rwanda	2005	315	17728450	
Senegal	2005	770	203610848	
Sierra Leone	2008	344	8295452	
Swaziland	2006-07	282	6032795	
Tanzania	2004-05	610	23058547	
Uganda	2006	476	35708286	
Zambia	2007	640	12446363	
Zimbabwe	2005-06	266	5405189	
Latin America + Caribbean				
Bolivia	2003	1118	269810330	
Colombia	2005	988	369511630	
Dominican Republic	2007	1063	250410970	
Haiti	2005-06	413	9635974	
Honduras	2005-06	940	211310741	
Peru	2004-08	483	15014098	
Southeast Asia				
Cambodia	2005	1144	24798271	
Indonesia	2007	2041	756918459	
Philippines	2003	335	16067094	

Country Population Sizes

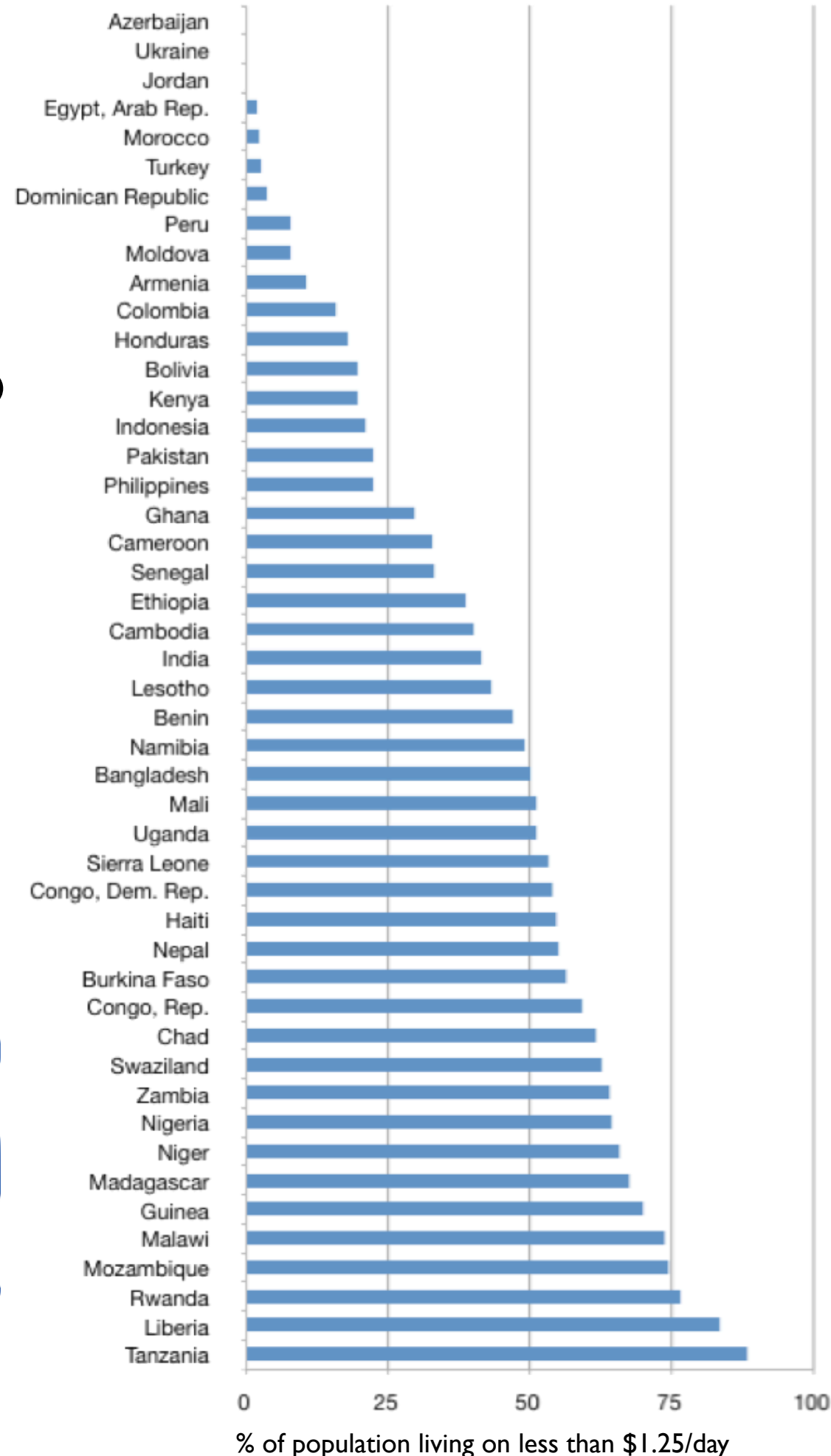
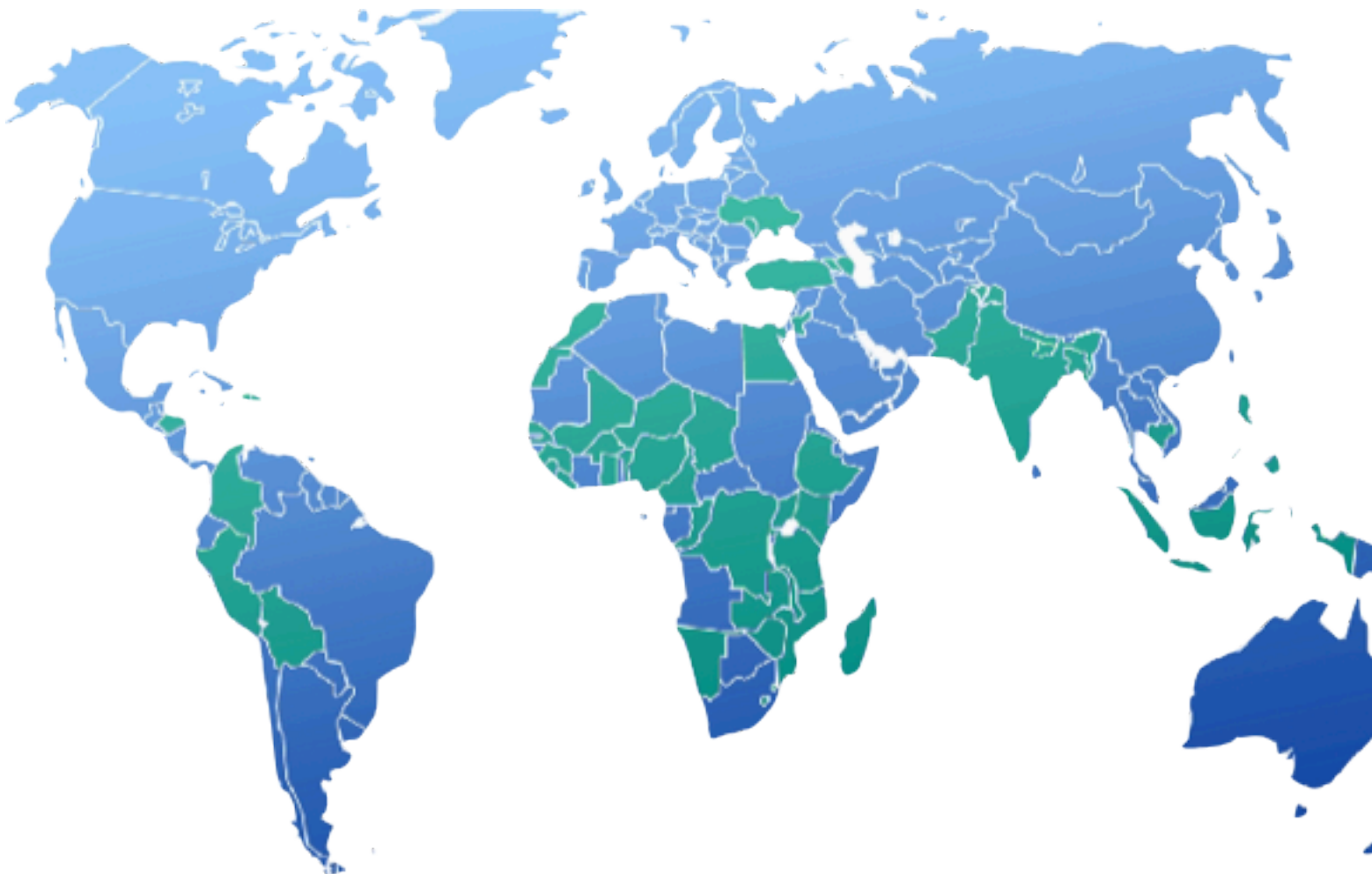


Country	Population	% Pop Below Poverty Line of \$1.25/day
Armenia	3077087	10.63
Azerbaijan	8678851	0.03
Bangladesh	160000128	50.47
Benin	8662086	47.33
Bolivia	9684093	19.62
Burkina Faso	15208586	56.54
Cambodia	14699885	40.19
Cameroon	18897957	32.81
Chad	11067437	61.94
Colombia	44534000	16.01
Congo, Rep.	3615152	59.22
Congo, Dem. Rep.	64205366	54.1
Dominican Republic	9837747	3.96
Egypt, Arab Rep.	81527172	1.99
Ethiopia	80713434	39.04
Ghana	23350927	29.99
Guinea	9833055	70.13
Haiti	9780064	54.9
Honduras	7241503	18.19
India	1139964932	41.58
Indonesia	228248538	21.32
Jordan	5906043	0.38
Kenya	38534087	19.72
Lesotho	2016823	43.41
Liberia	3793400	83.65
Madagascar	19110941	67.83
Malawi	14278404	73.86
Mali	12711140	51.43
Moldova	3633369	8.14
Morocco	31228981	2.5
Mozambique	21780614	74.69
Namibia	2114161	49.14
Nepal	28581687	55.12
Niger	14668743	65.88
Nigeria	151319500	64.41
Pakistan	166036895	22.59
Peru	28836700	7.94
Philippines	90348437	22.62
Rwanda	9720694	76.56
Senegal	12211181	33.5
Sierra Leone	5559853	53.37
Swaziland	1167834	62.85
Tanzania	42483923	88.52
Turkey	73914260	2.72
Uganda	31656865	51.53
Ukraine	46258200	0.1
Zambia	12620219	64.29
Zimbabwe	12462879	N/A

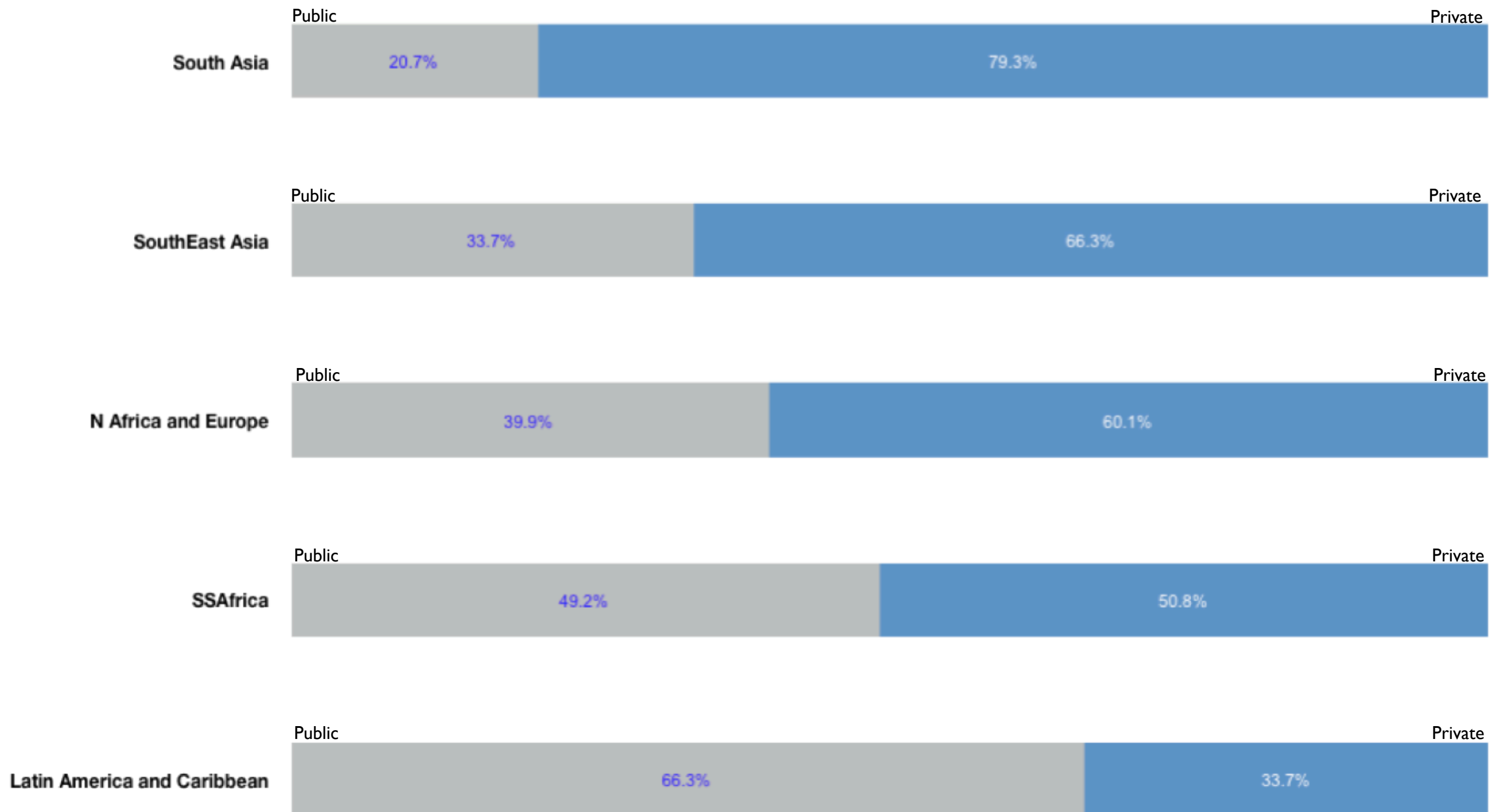
source: World Bank World Development Indicators (2008) <http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS/0,,contentMDK:20535285~menuPK:1192694~pagePK:64133150~piPK:64133175~theSitePK:239419,00.html>

source: 2008 data. World Bank PovCal - <http://liresearch.worldbank.org/PovcalNet/povcalNet.html>

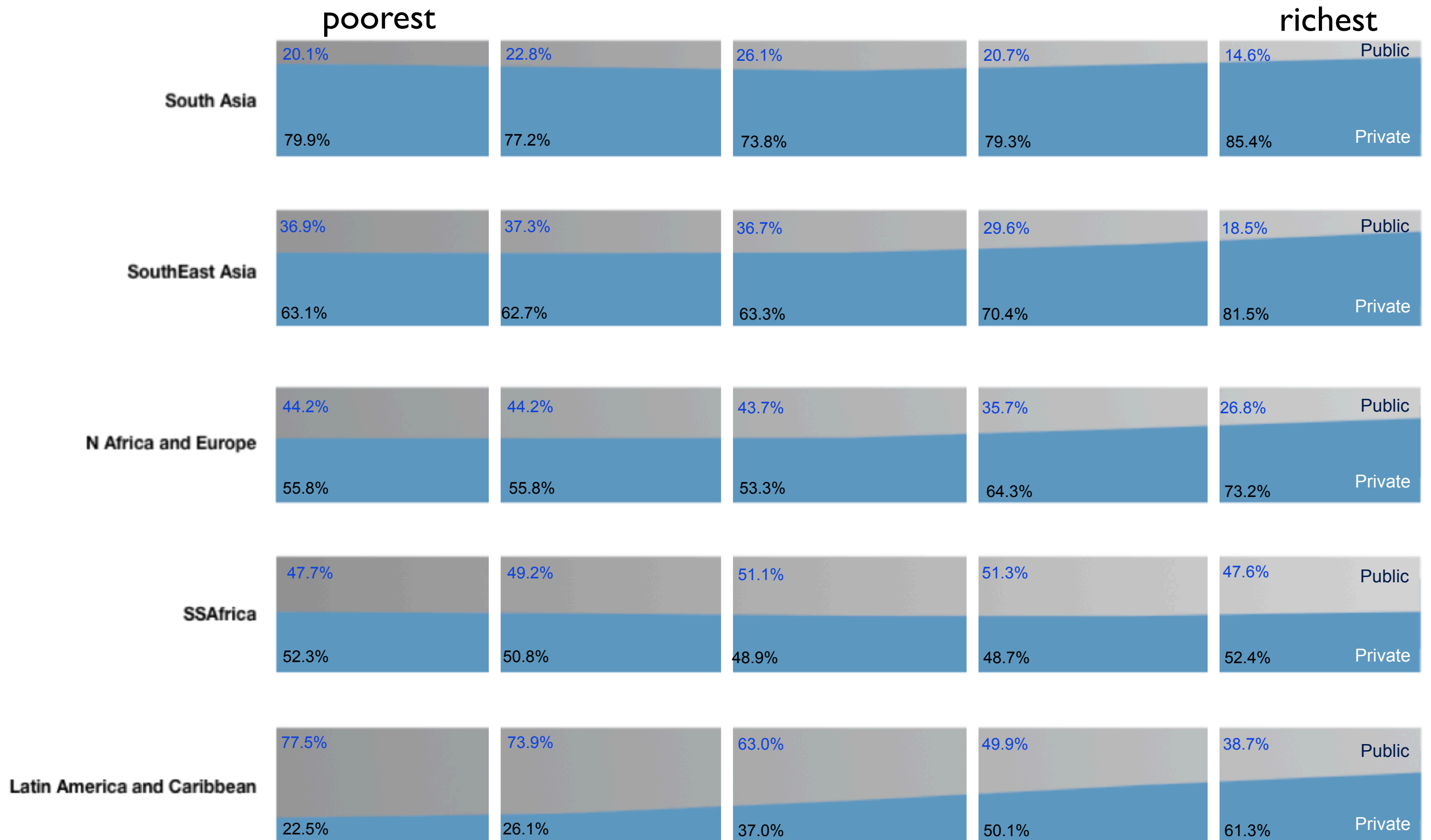
Country Poverty Levels



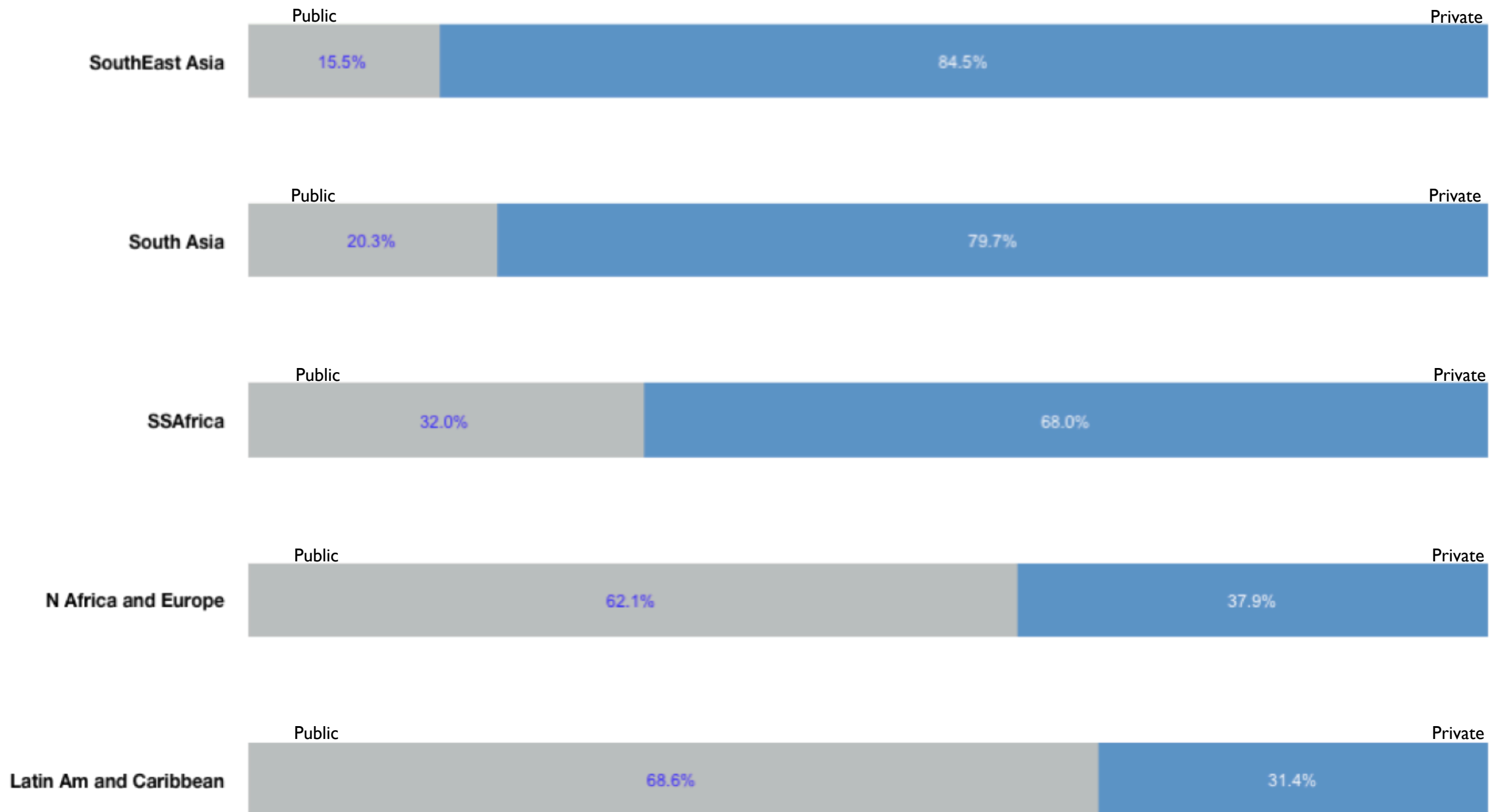
Source of Healthcare



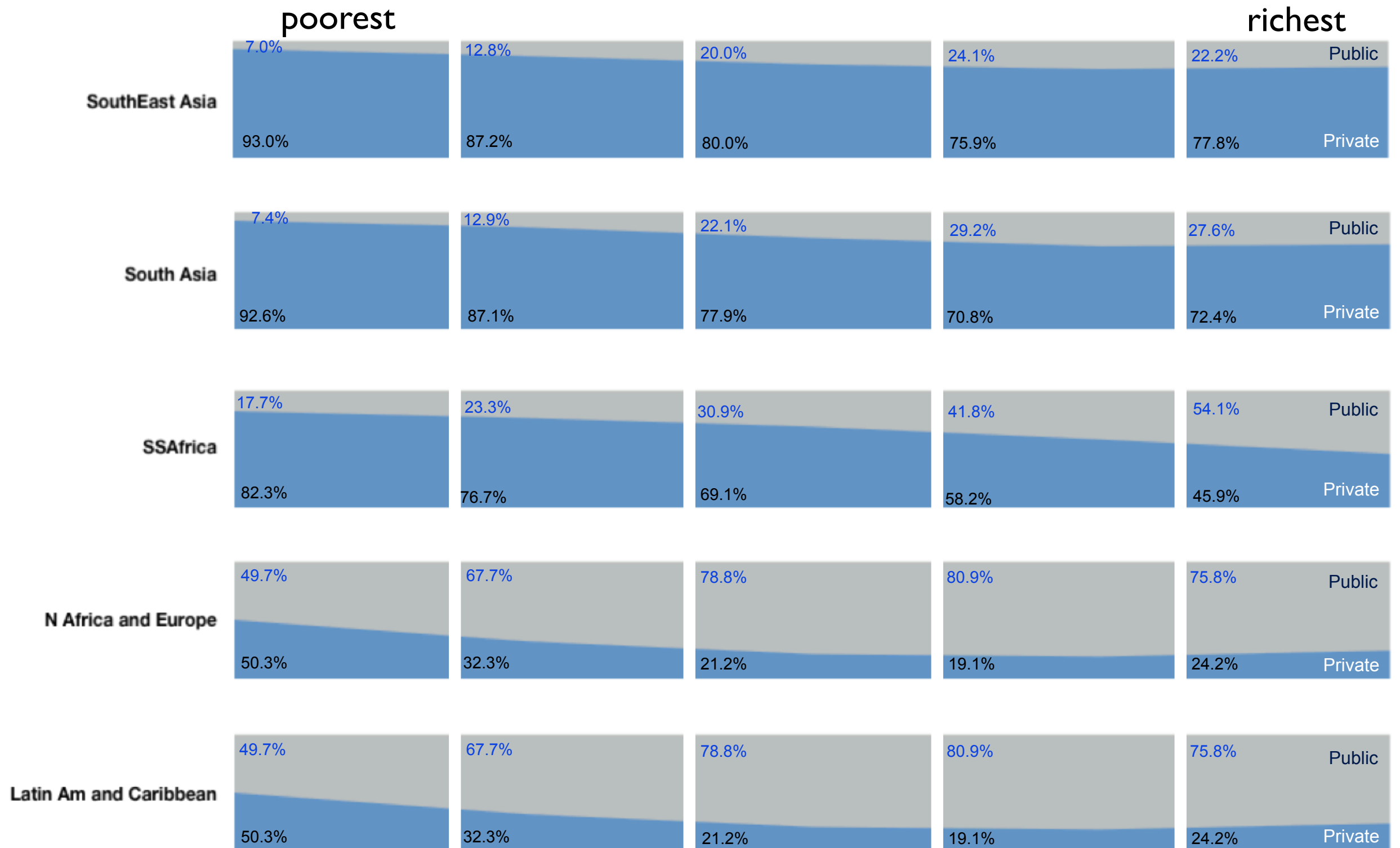
Source of Healthcare by Quintile



Place of Delivery



Place of Delivery by Quintile



Source of Care

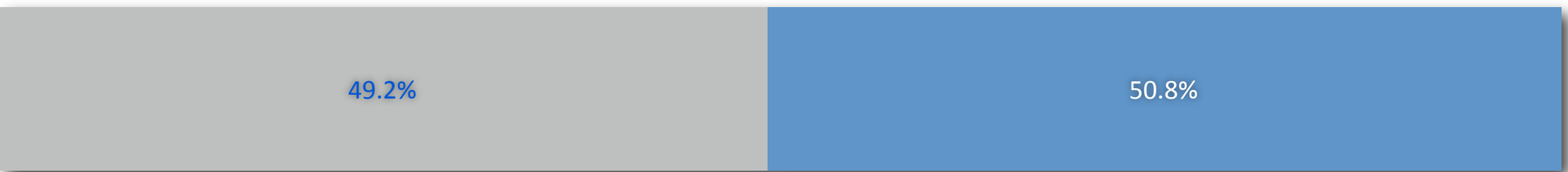
Details

Source of Healthcare - Sub-Saharan Africa

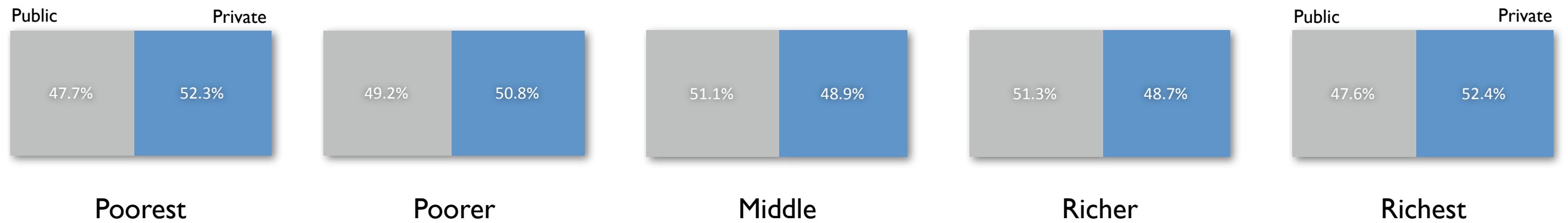
Sub-Saharan Africa

Public

Private

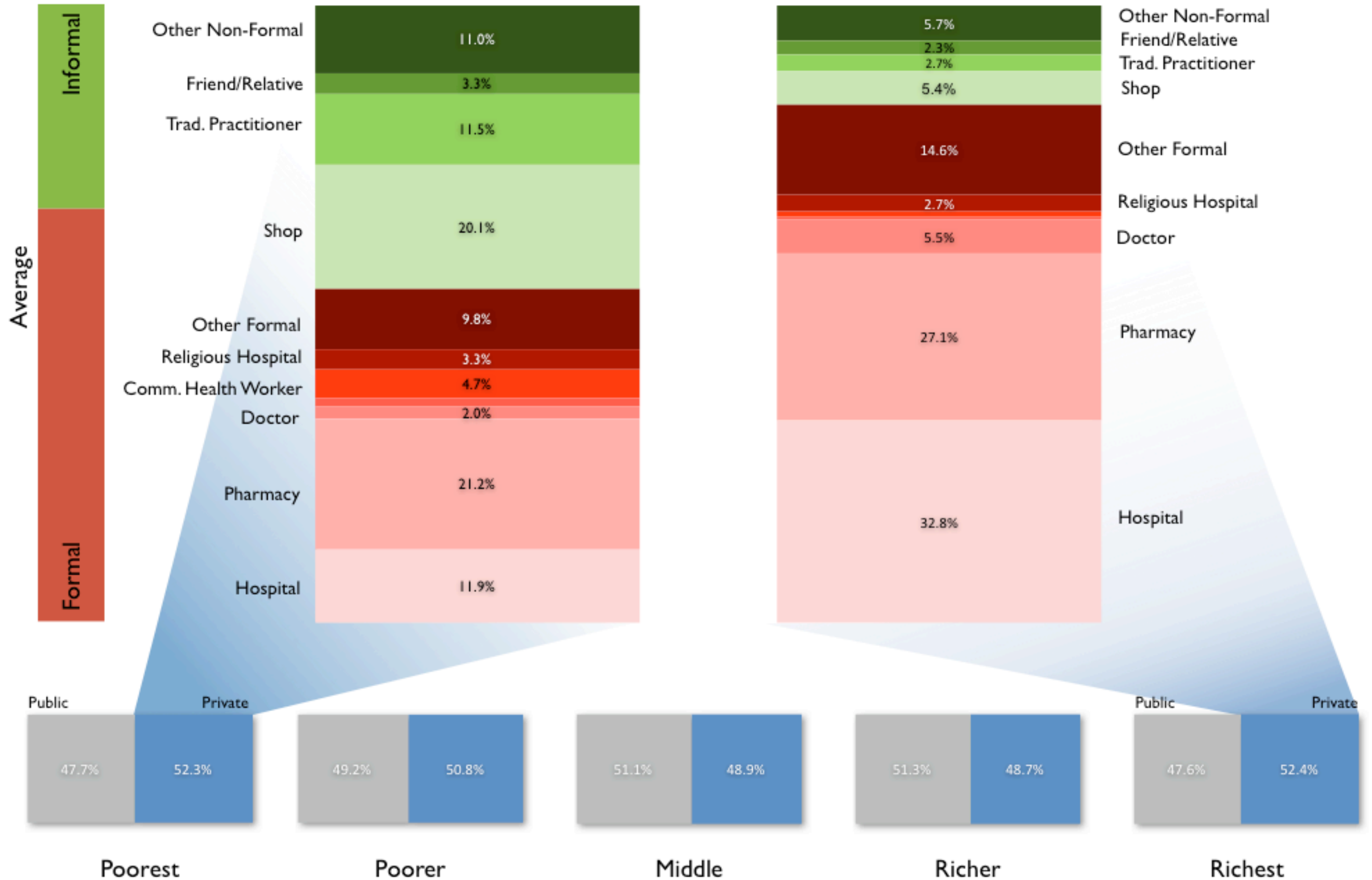


Source of Healthcare by Quintile - Sub-Saharan Africa



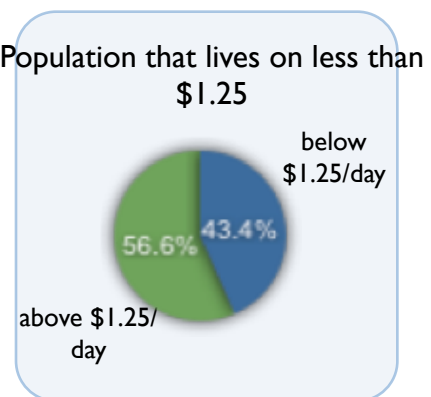
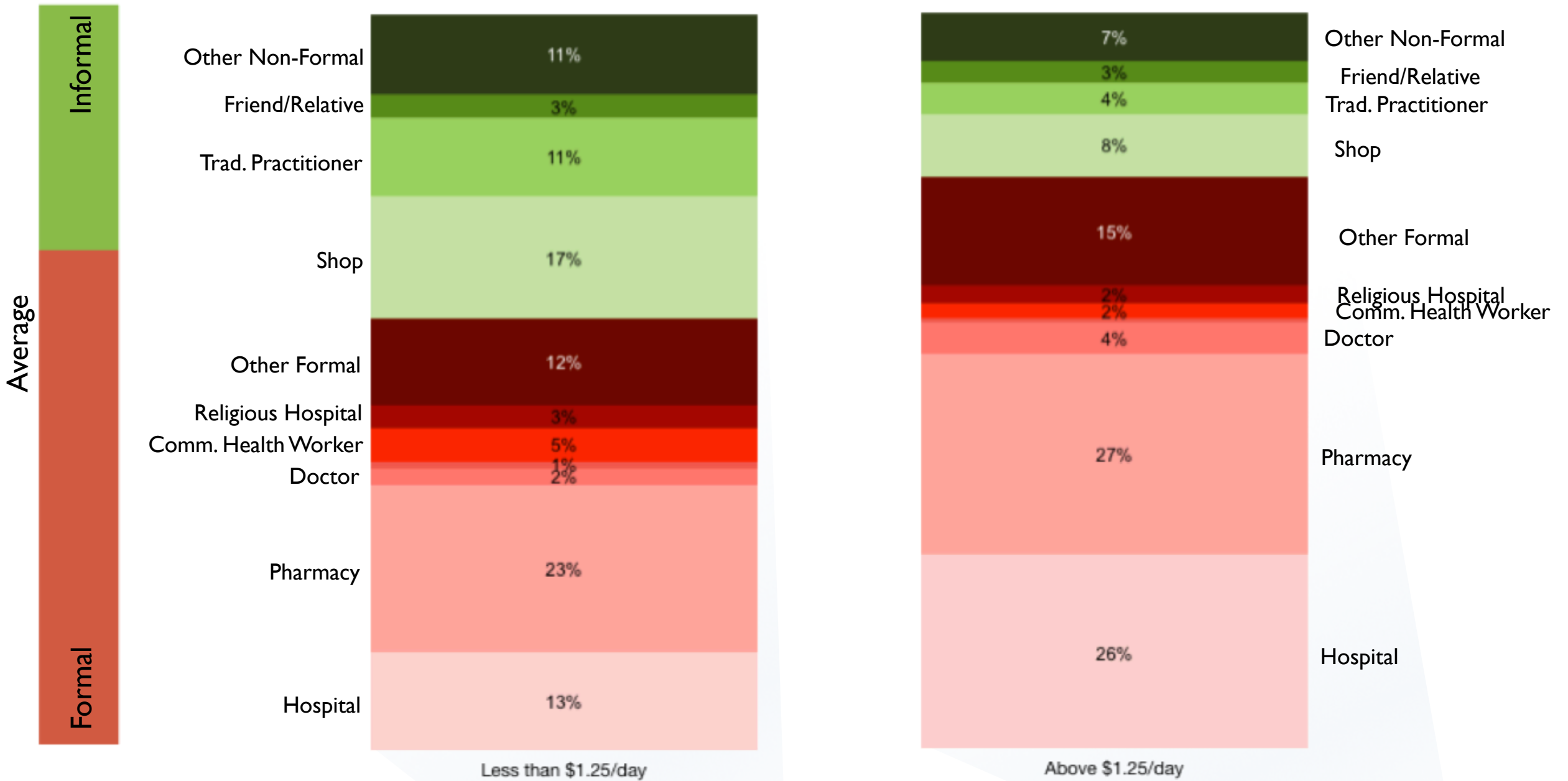
Source of Healthcare by Wealth

Sub-Saharan Africa



Source of Healthcare by Income

Sub-Saharan Africa



Source of Healthcare - South-East Asia

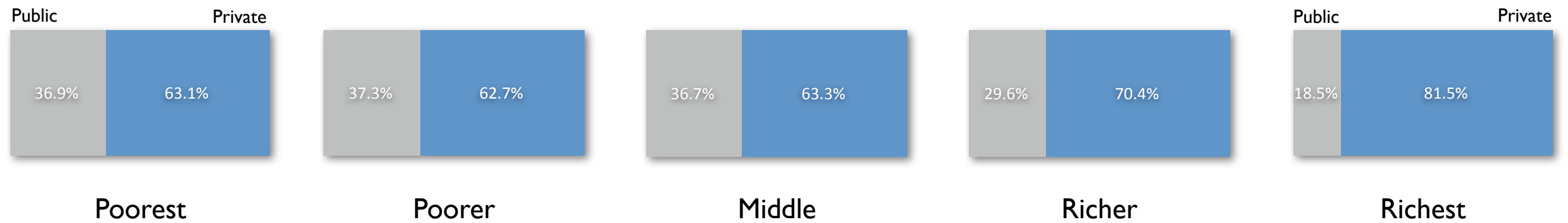
South-East Asia

Public

Private

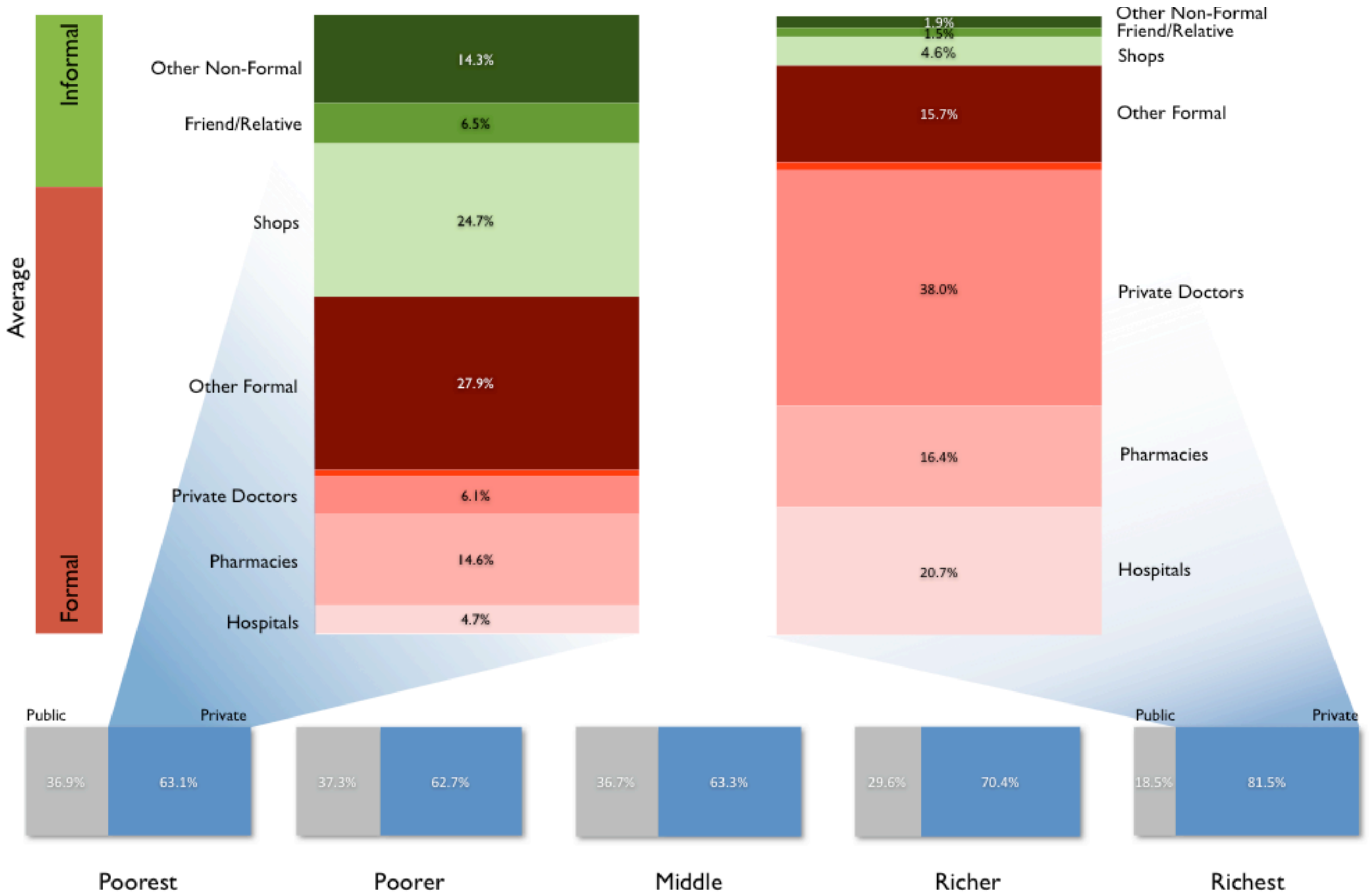


Source of Healthcare by Quintile - South-East Asia



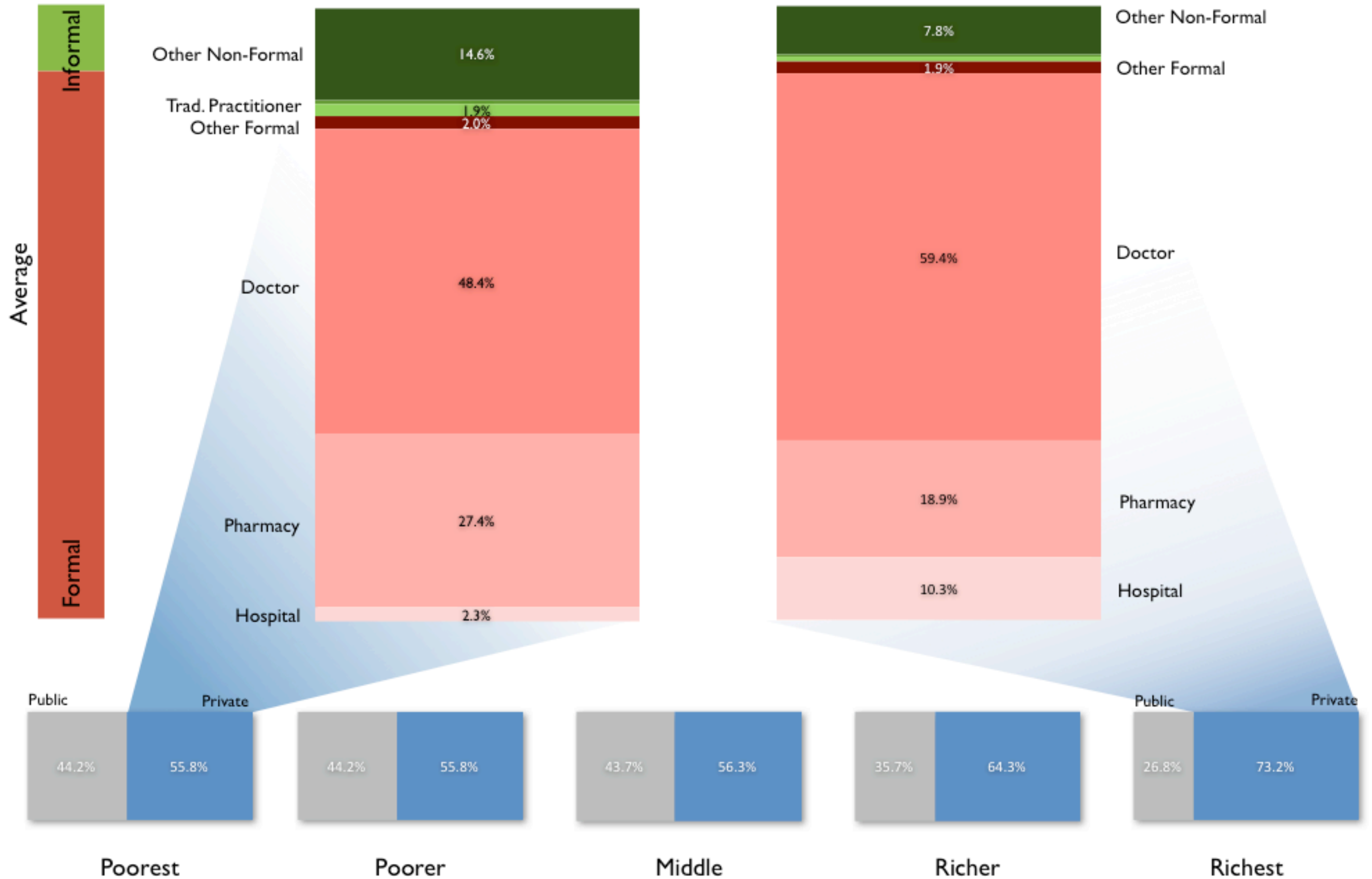
Source of Healthcare by Wealth

South-East Asia



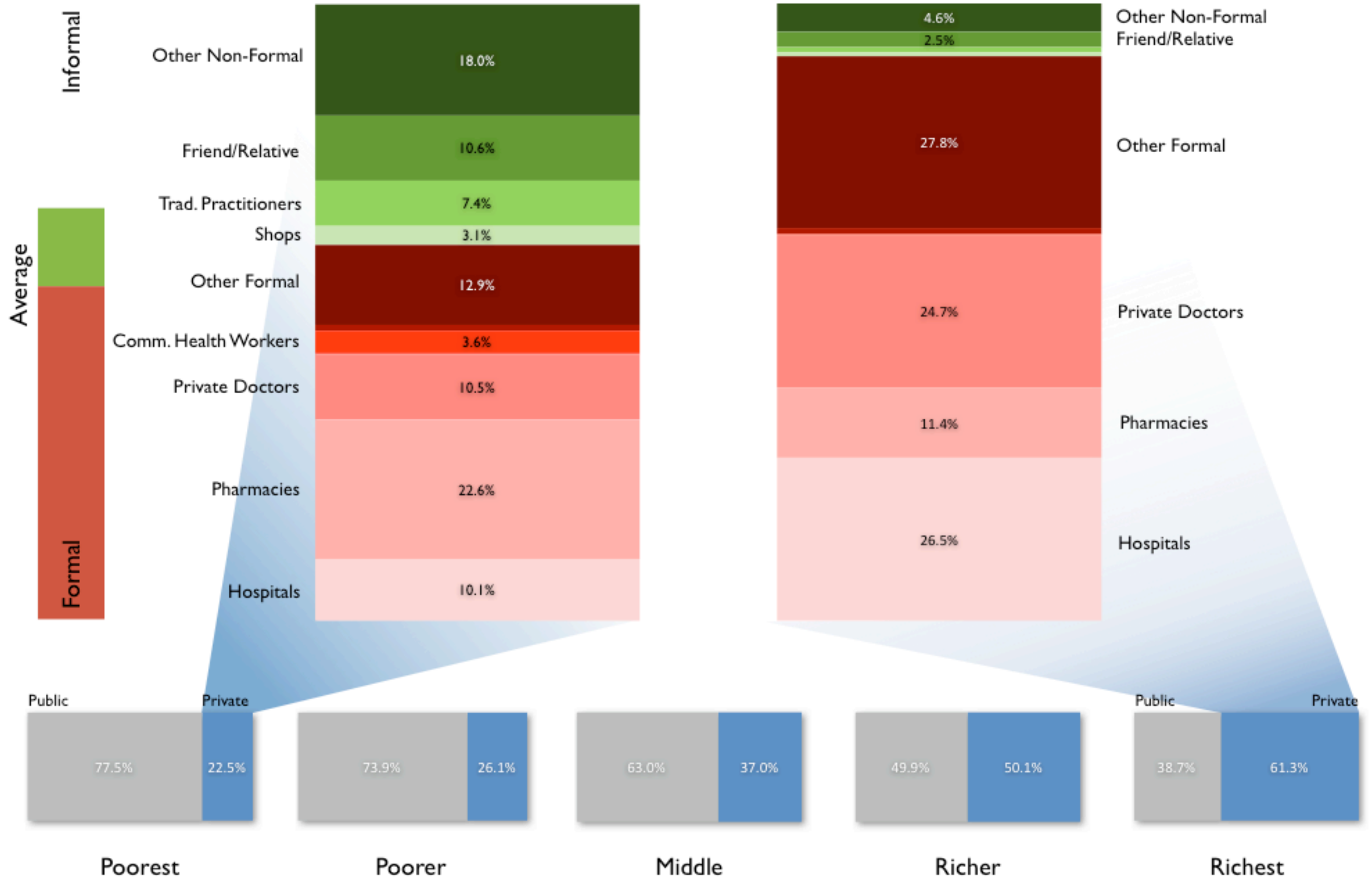
Source of Healthcare by Wealth

Europe, N.Africa, and Middle East



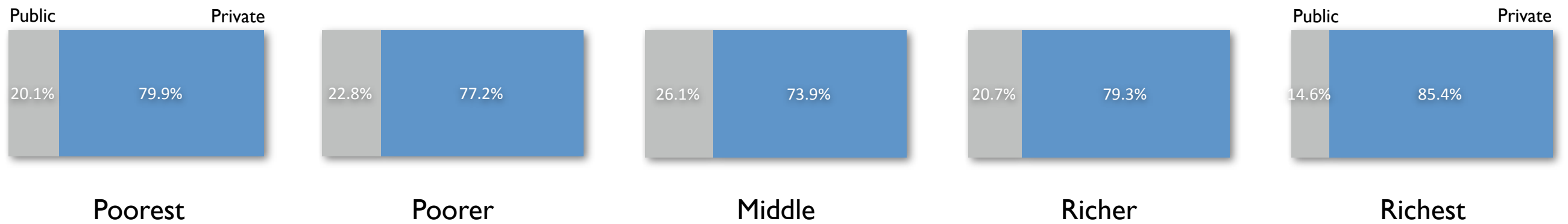
Source of Healthcare by Wealth

Latin America and the Caribbean



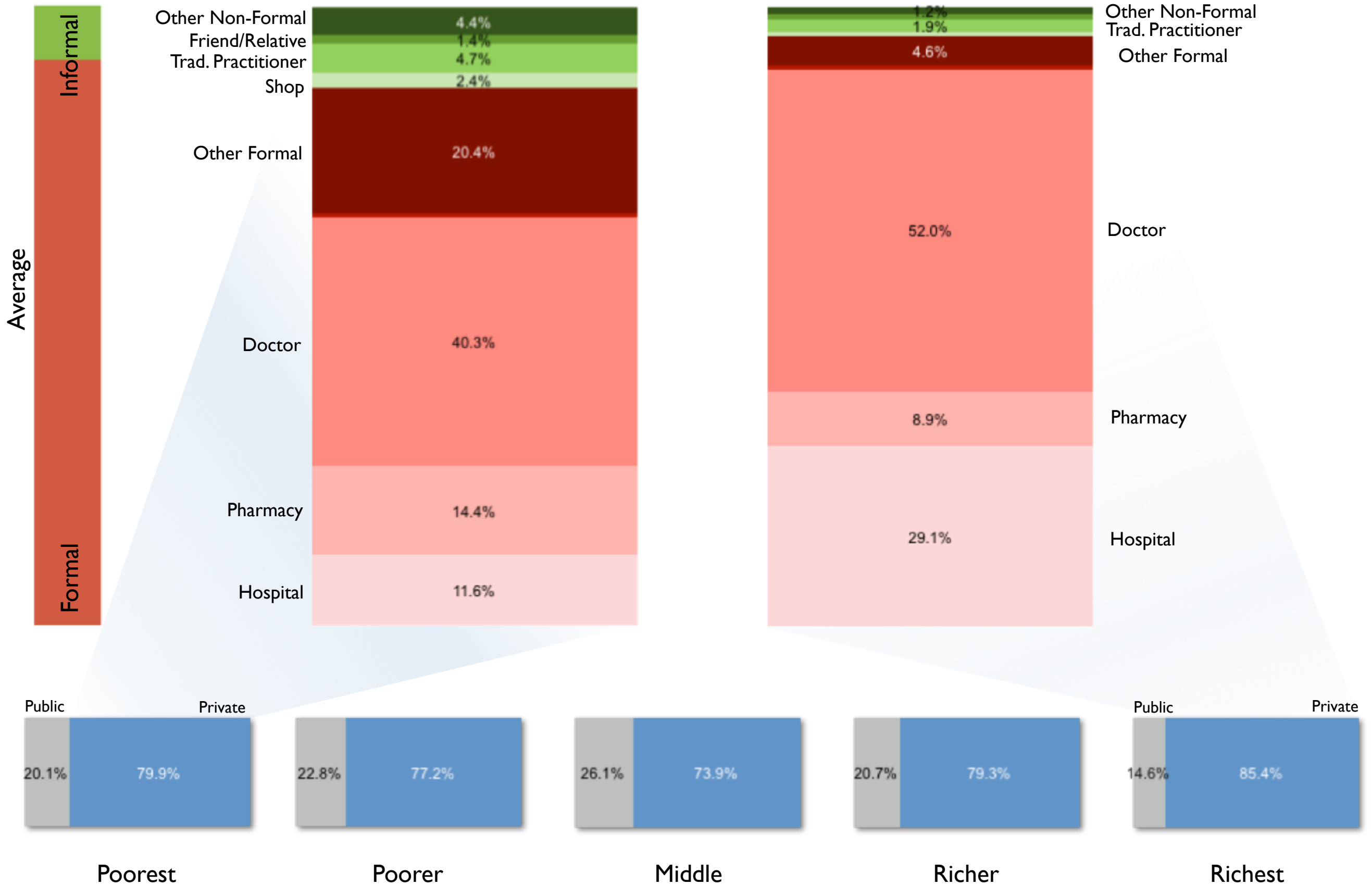
Source of Healthcare by Wealth

South Asia



Source of Healthcare by Wealth

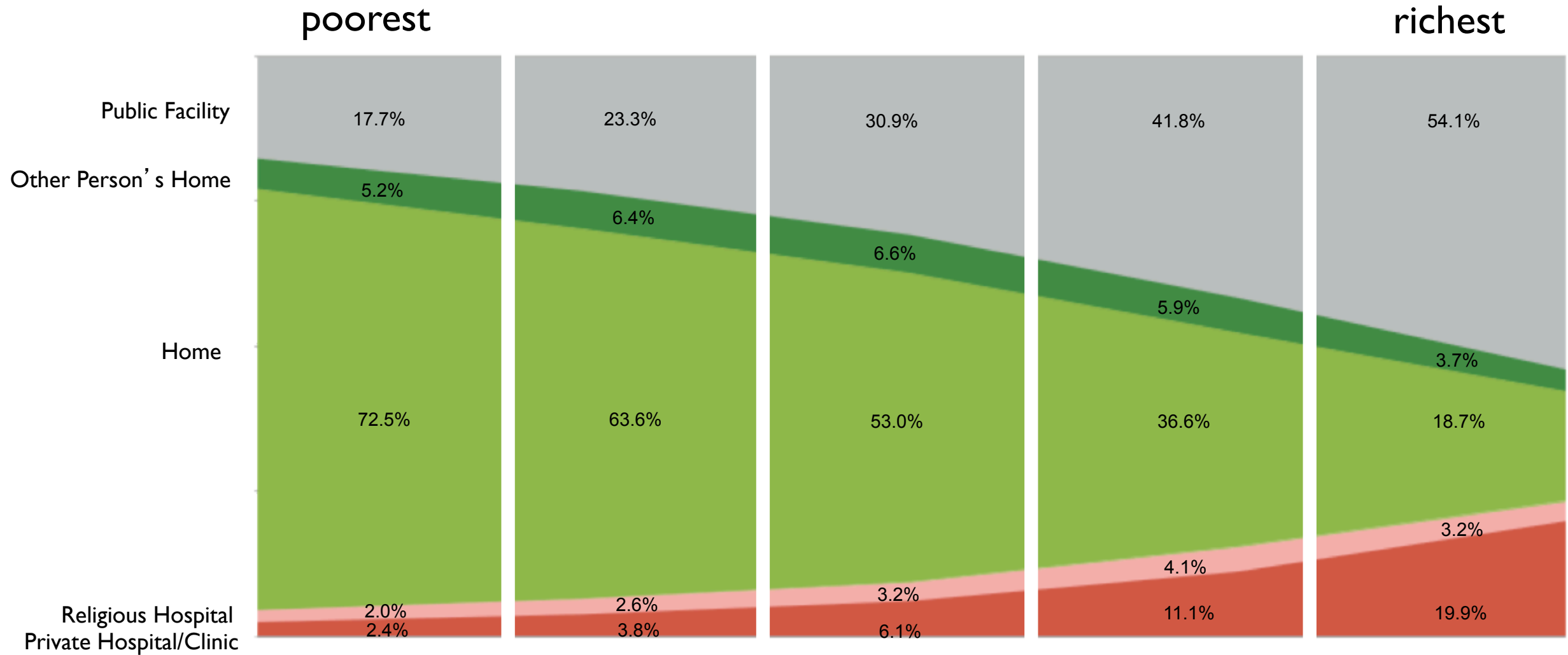
South Asia



Place of Delivery

Details

Place of Delivery By Wealth Quintile - Sub Saharan Africa

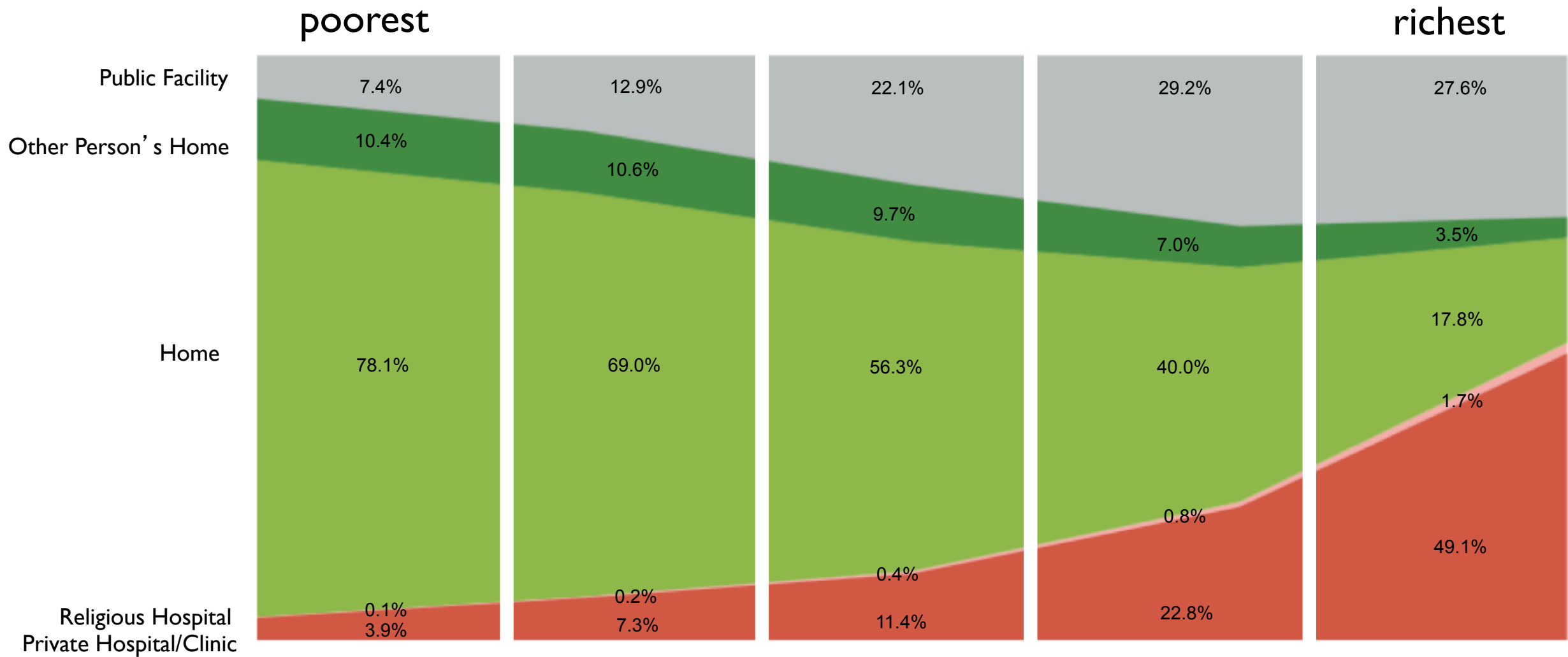


N = 226,582 women reporting births in DHS Surveys in Africa since 2000.

Each quintile data is population-weighted sum of country quintiles. Countries included: Benin, Burkina Faso, Cameroon, Chad, Congo (Br), Congo D.R., Ethiopia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe

Place of Delivery

By Wealth Quintile - South Asia

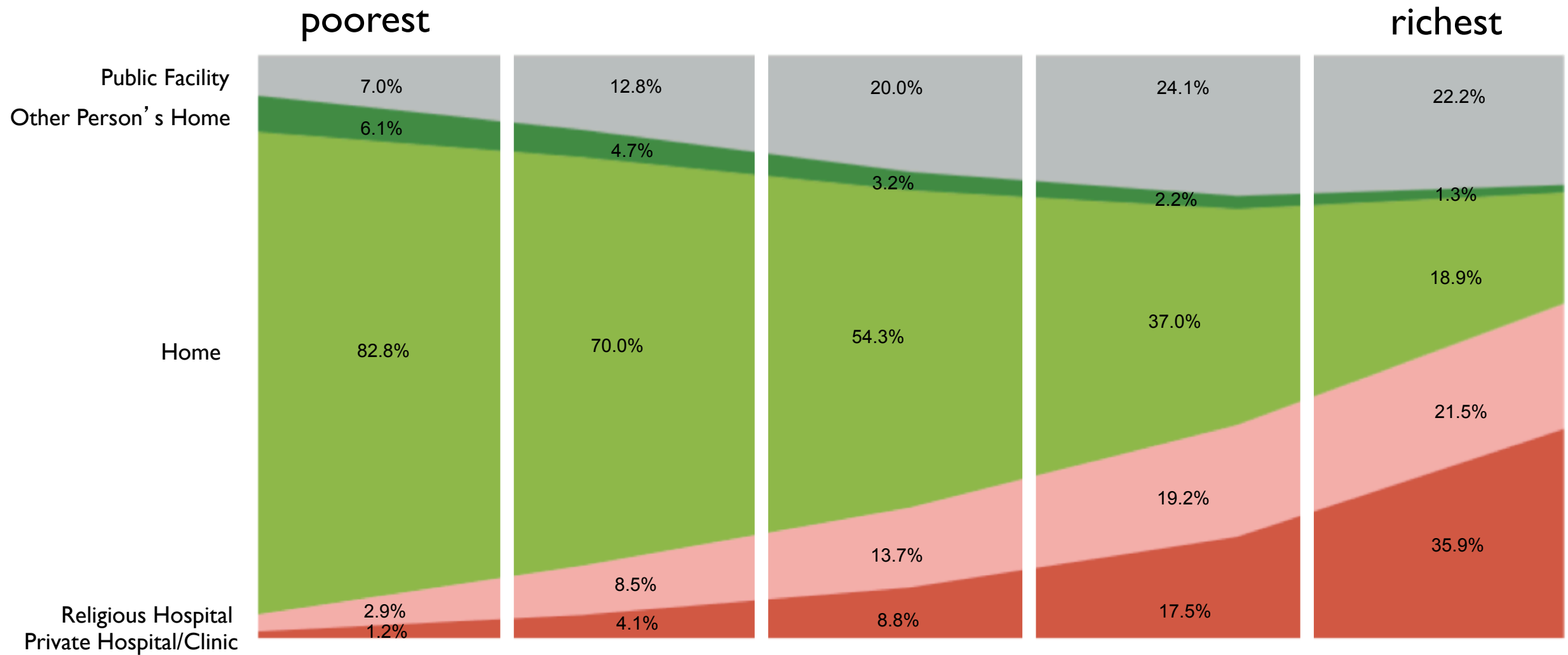


N = 72,333 women reporting births in DHS Surveys in South Asia since 2000.

Each quintile data is population-weighted sum of country quintiles. Countries included: Bangladesh, India, Nepal, Pakistan

Place of Delivery

By Wealth Quintile - Southeast Asia



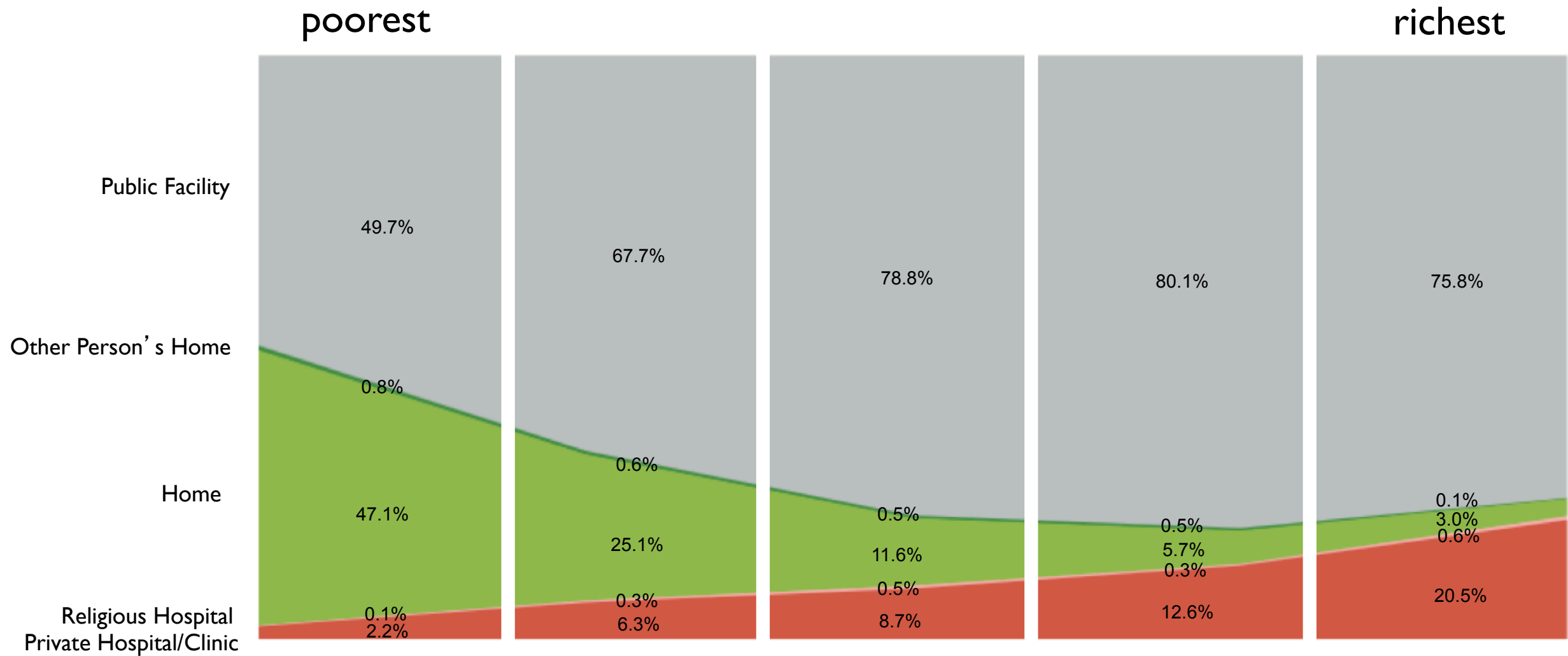
N = 11,654 women reporting births in DHS Surveys in Southeast Asia since 2000.

Each quintile data is population-weighted sum of country quintiles. Countries included: Cambodia, Indonesia, Philippines (note: Vietnam data is not available with wealth quintiles)

* 'East Asia and the Pacific'

Place of Delivery

By Wealth Quintile - Latin America and Caribbean

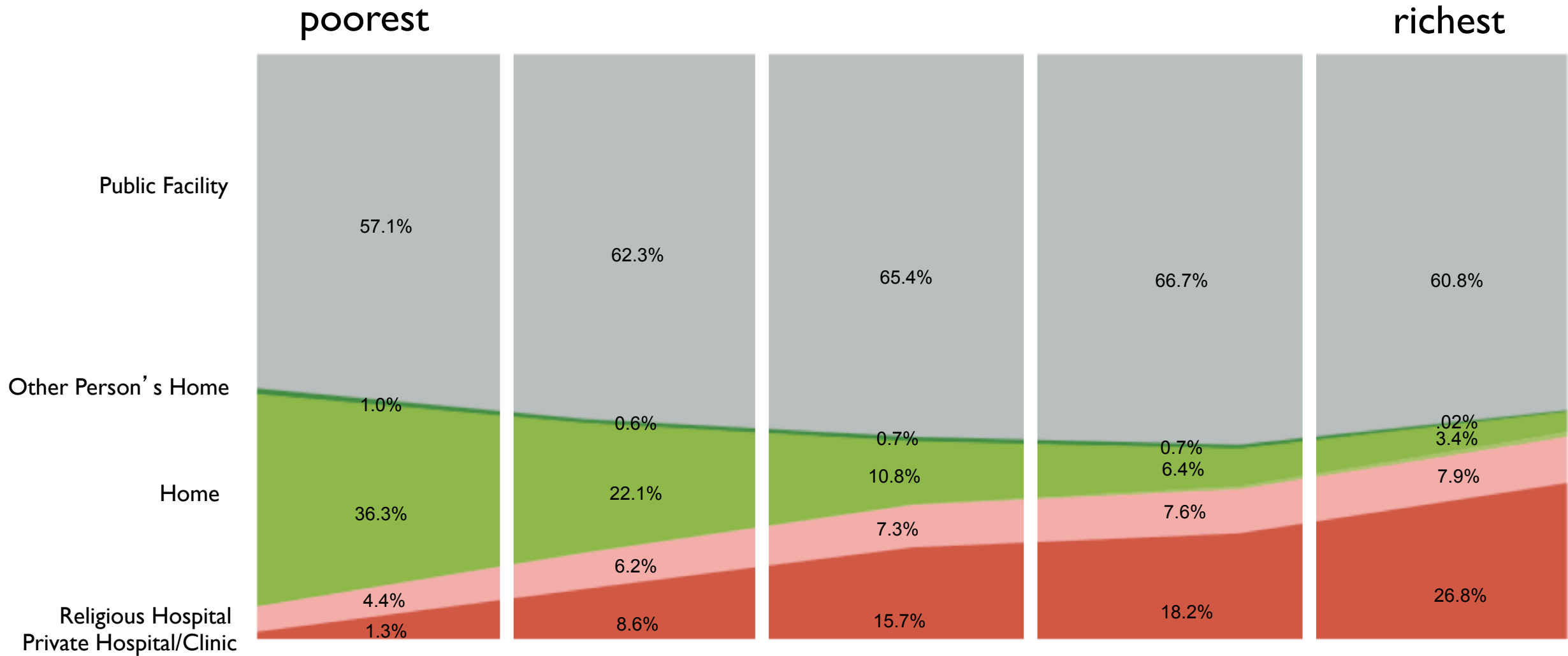


N = 53,743 women reporting births in DHS Surveys in Latin American and Caribbean since 2000.

Each quintile data is population-weighted sum of country quintiles. Countries included: Bolivia, Columbia, Dominican Republic, Haiti, Honduras

Place of Delivery

By Wealth Quintile - Europe, North Africa, and the Middle East



N = 38,327 women reporting births in DHS Surveys in Europe, North Africa, and the Middle East since 2000.

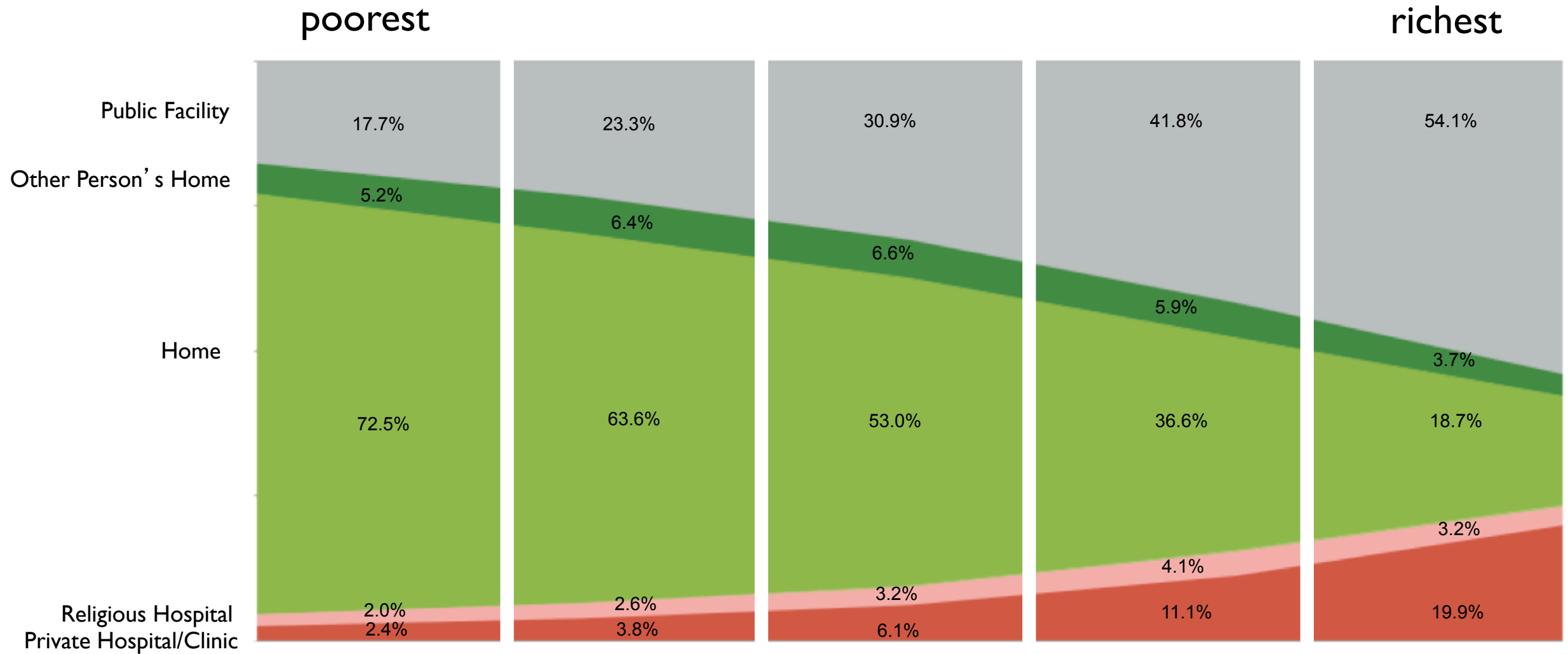
Each quintile data is population-weighted sum of country quintiles. Countries included: Armenia, Azerbaijan, Egypt, Jordan, Moldova, Morocco, Turkey, Ukraine

Attended Delivery in Africa

Details

Place of Delivery

By Wealth Quintile - Sub Saharan Africa

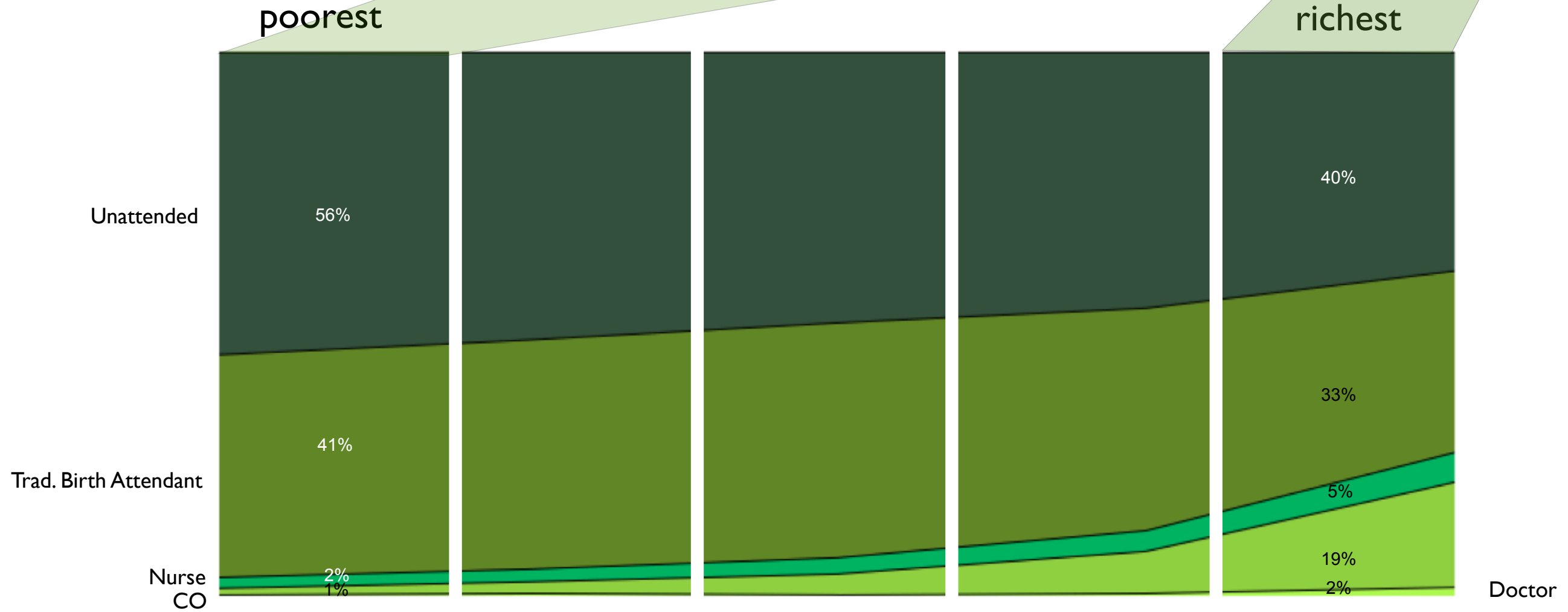
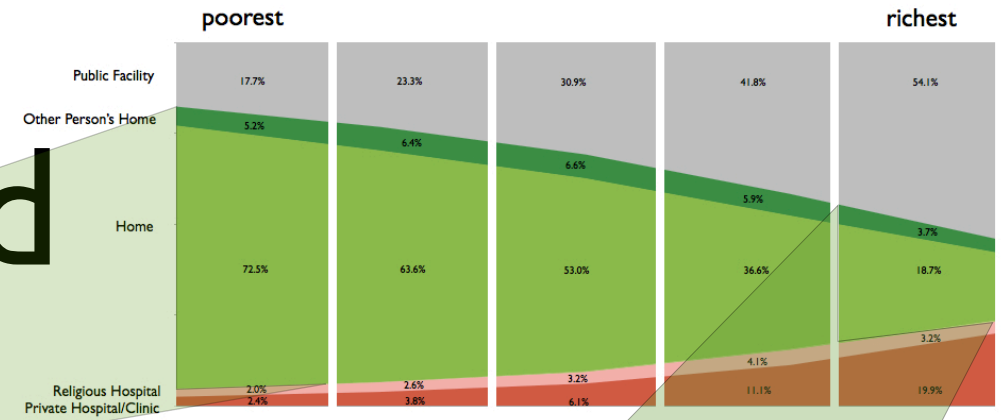


N = 226,582 women reporting births in DHS Surveys in Africa since 2000.

Each quintile data is population-weighted sum of country quintiles. Countries included: Benin, Burkina Faso, Cameroon, Chad, Congo (Br), Congo D.R., Ethiopia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe

Home Births Attended

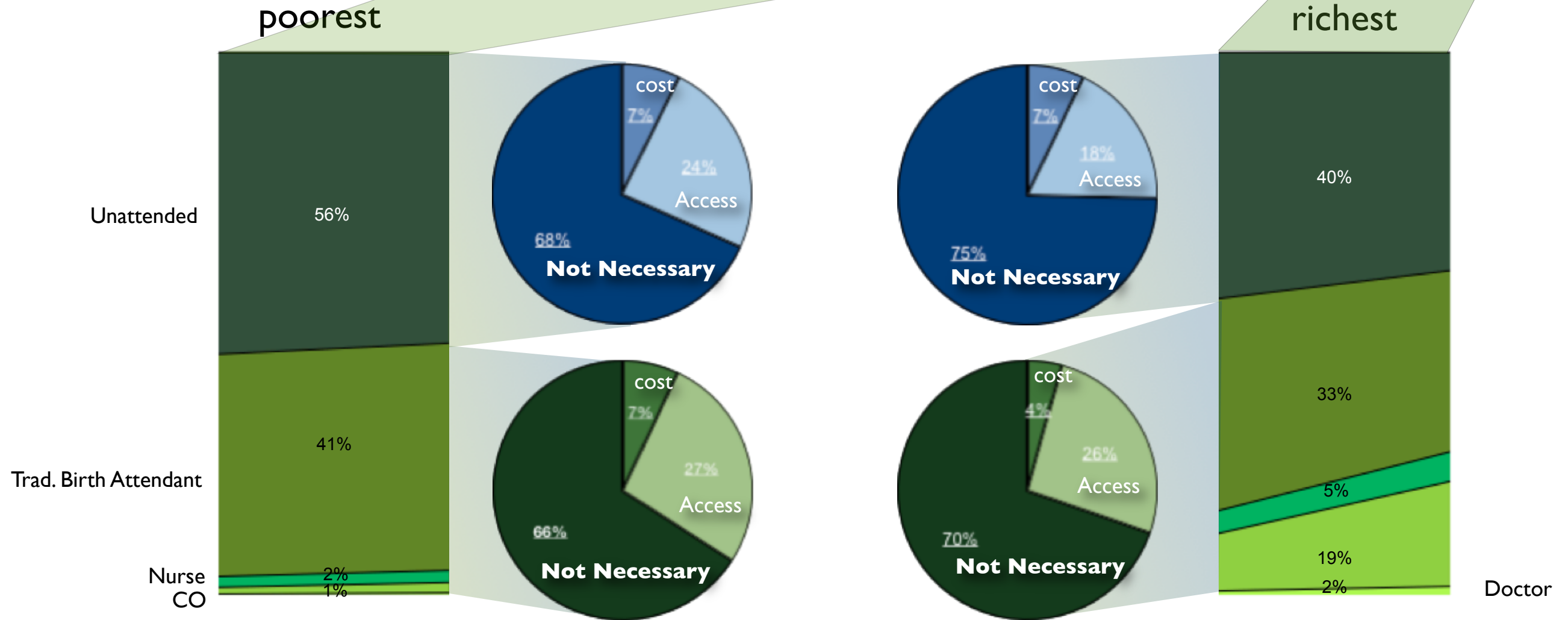
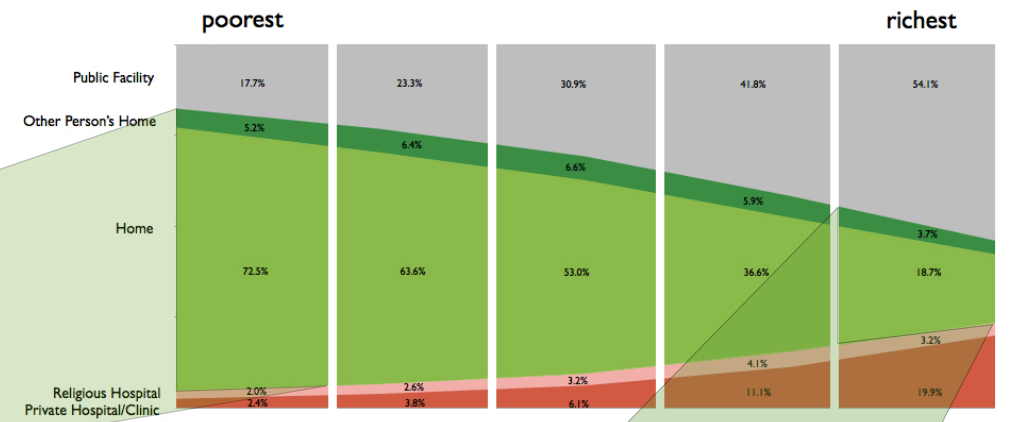
By Wealth Quintile - Sub Saharan Africa



N = all women reporting births in DHS Surveys in Africa since 2000.
 Each quintile data is population-weighted sum of country quintiles. Countries included: Benin, Burkina Faso, Cameroon, Chad, Congo (Br), Congo D.R., Ethiopia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe

Why not go to clinic

Poorest and Wealthiest Quintiles - Sub Saharan Africa



Response grouping:

“Not Necessary” includes following responses: ‘not necessary’, ‘father did not think necessary’, ‘family did not think necessary’, ‘husband/ family did not allow’, ‘not customary’

“Access” includes following responses: ‘facility closed’, ‘too far’, ‘did not know where’

Data is Population-Weighted. Countries include all those for which this question was asked: Ghana, Liberia, Namibia, Nigeria, Sierra Leone, Swaziland, Uganda, Zambia, Zimbabwe

Notes

- Health Seeking data is the average of 'diarrhea' and 'fever/cough' treatment reported for <5 children.
- Multiple treatment sources are all counted for Health Seeking
(in sample check fewer than 3% of respondents checked multiple sources of care)
- Only the highest training level of attendance is counted for attended births
- Multiple reasons for not giving birth in a facility are all included *(fewer than 1% of all respondents checked multiple reasons)*
- Population under \$1.25 / day from POVCAL
- Numbers of respondents are by region
- More detailed data, and country data, available at www.ps4h.org/globalhealthdata.html