

WATER AND SANITATION IN AFRICA: TRENDS, CHALLENGES AND OPPORTUNITIES

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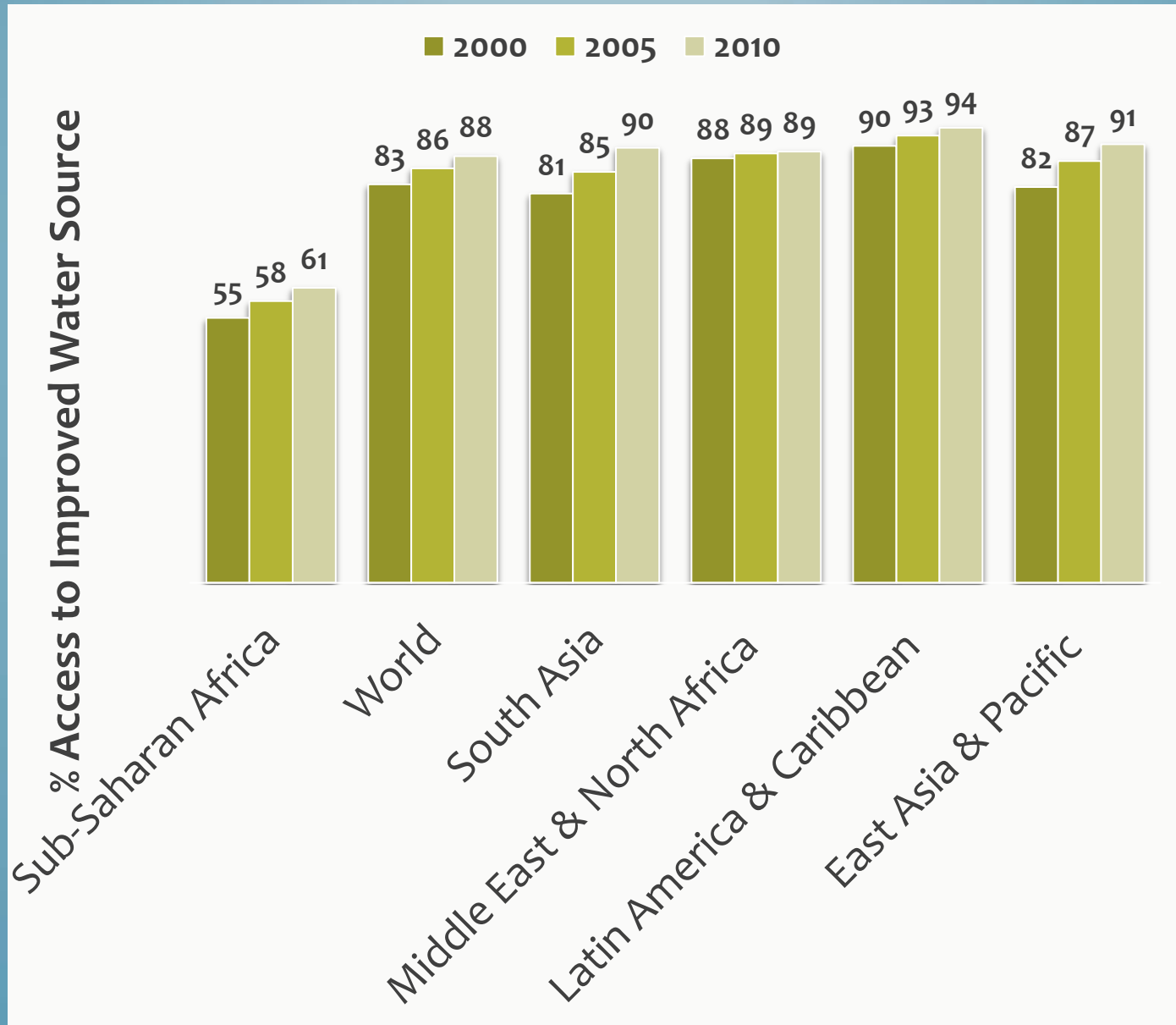
African Development Bank

PRESENTATION OUTLINE

- *Discuss Trends in Access to Improved Water and Sanitation in Africa.*
- *Macroeconomic and other socio-economic correlates.*
- *Implications for PPPs in Water and Sanitation Sector in Africa*
 - *Some evidence on the region's experience to date.*

ACCESS TO IMPROVED WATER SOURCES

REGIONAL DIFFERENCES IN ACCESS TO IMPROVED WATER SOURCE

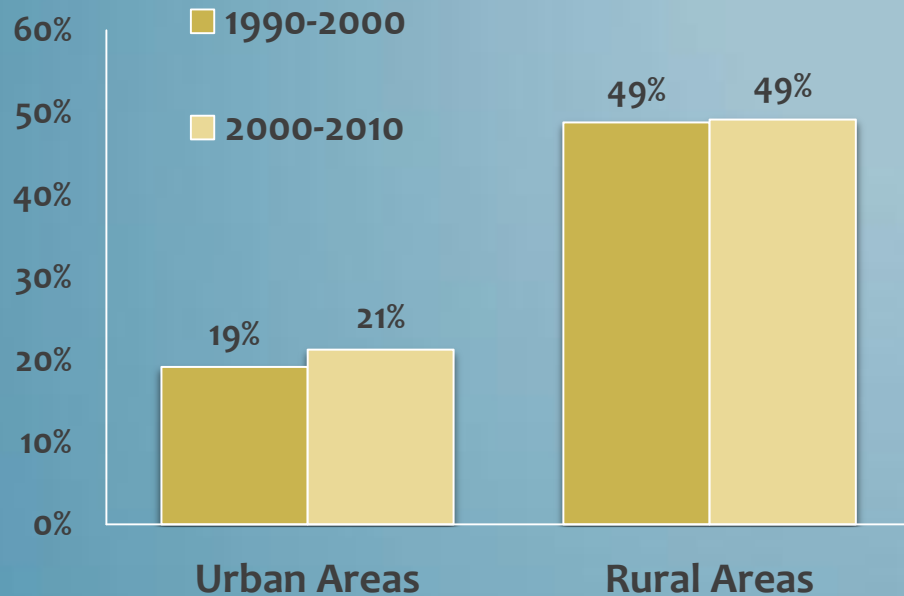


RURAL-URBAN DIFFERENCE

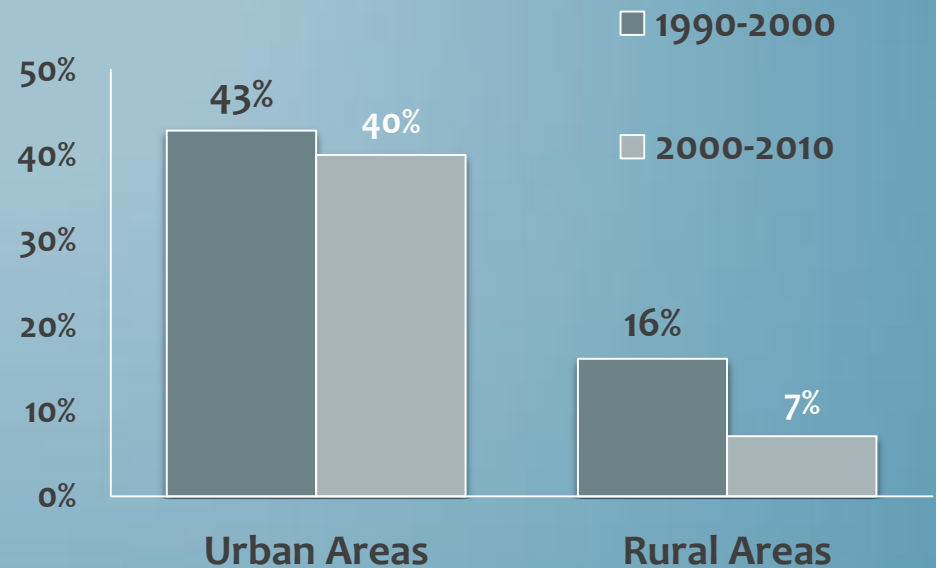
- *Significant differences in access between urban and rural areas.*
- *Significant difference in the kinds of improved water sources available.*

URBAN-RURAL DIFFERENCE

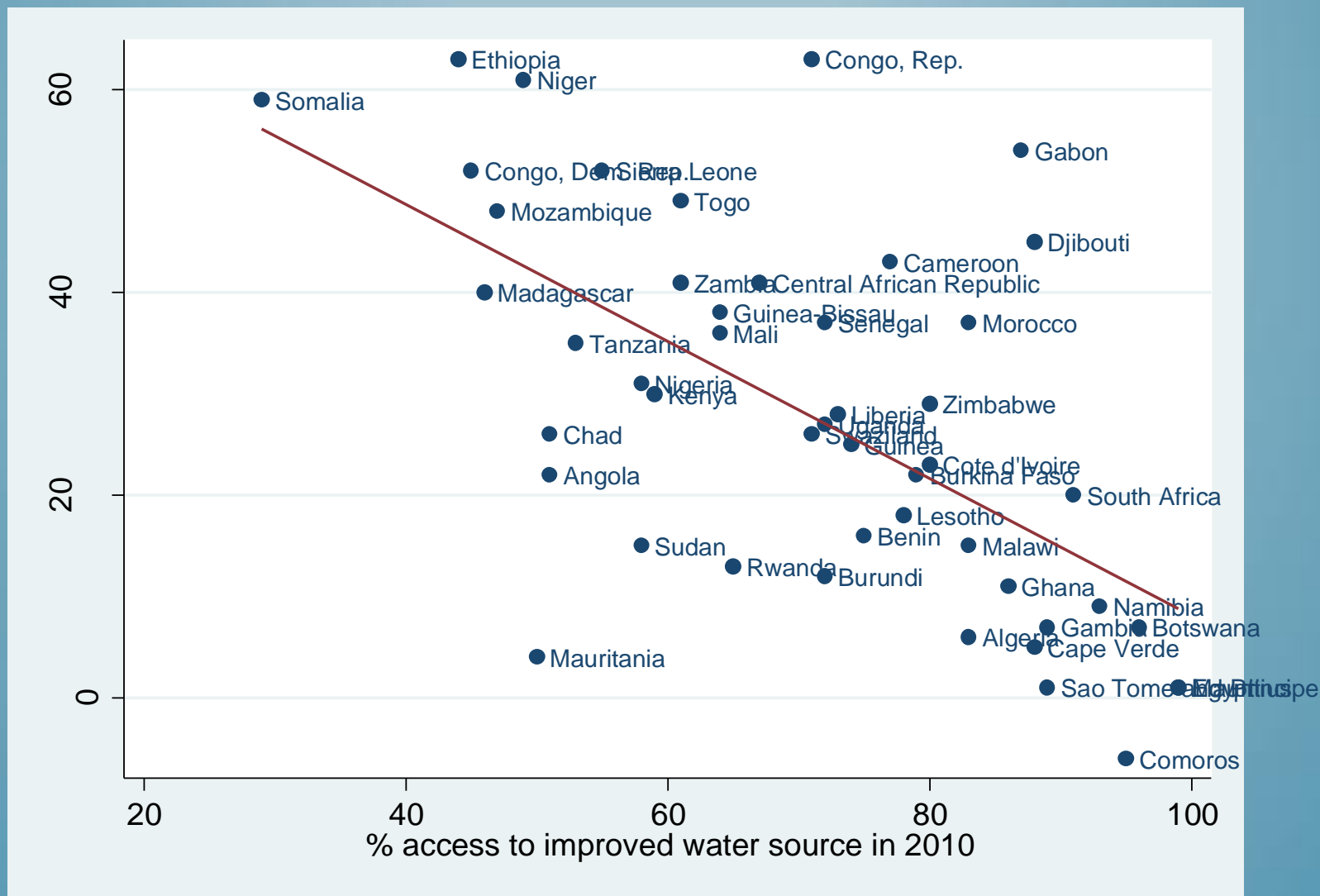
Households using Wells, Boreholes, Hand-pumps, Rainwater



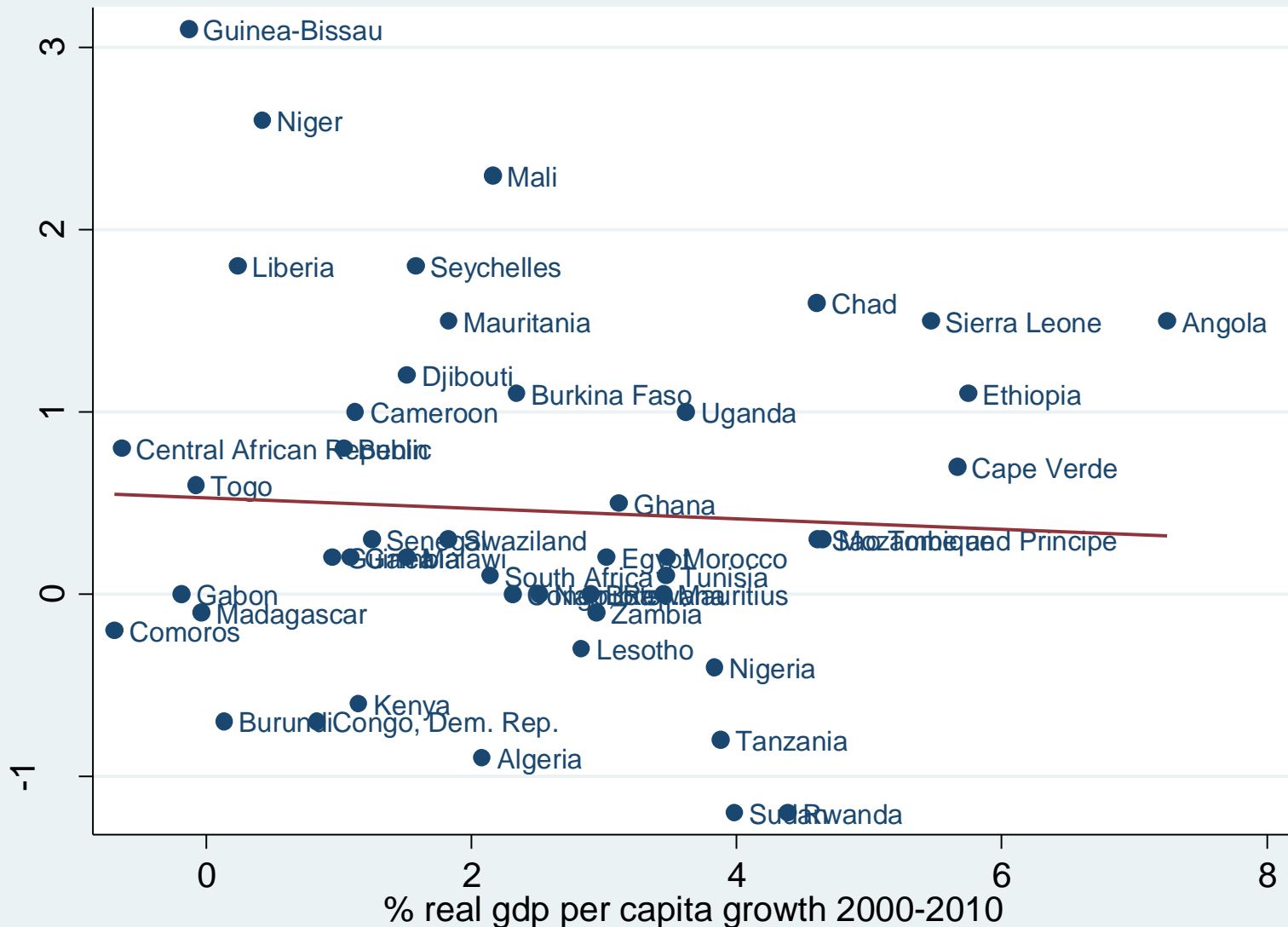
Households with Access to Piped Water into Residence/Yard/Plot



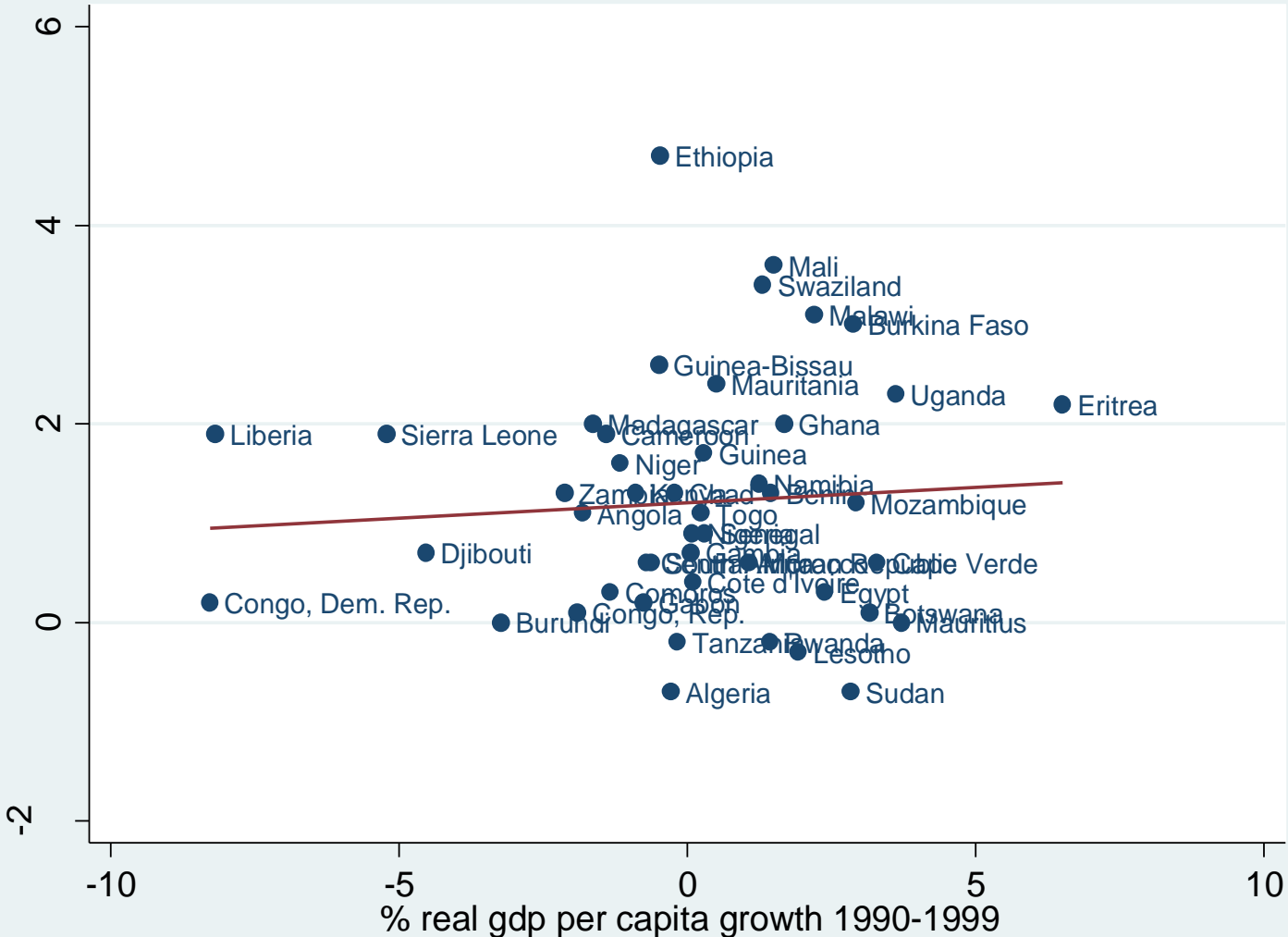
URBAN-RURAL INEQUALITY IN ACCESS TO IMPROVE WATER SOURCES



LACK OF CORRELATION BETWEEN GDP GROWTH AND ACCESS TO IMPROVED WATER SOURCES



LACK OF CORRELATION BETWEEN GDP GROWTH AND ACCESS TO IMPROVED WATER SOURCES

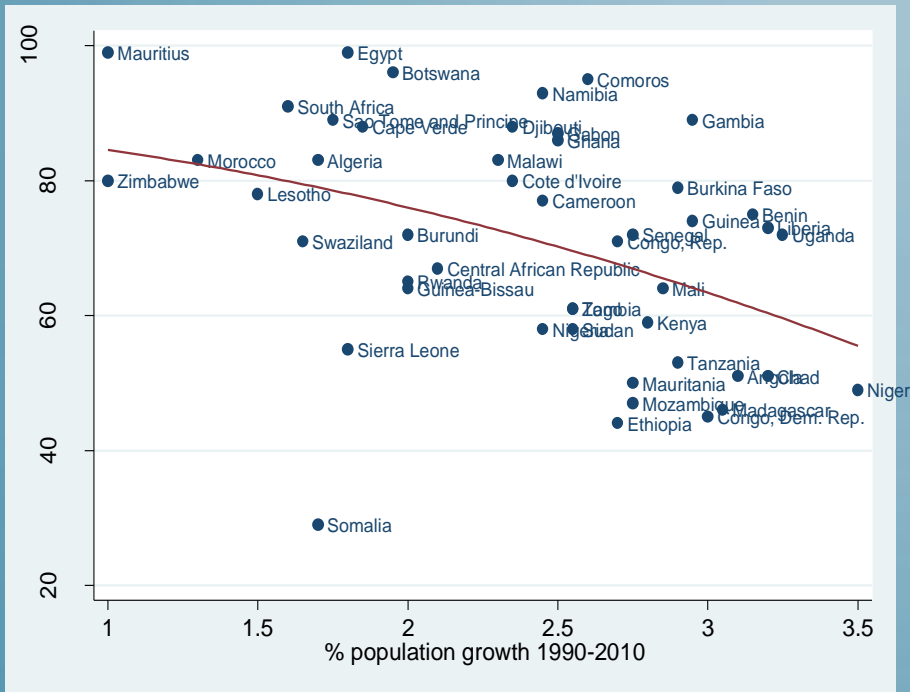


POSSIBLE EXPLANATION FOR LACK OF CORRELATION WITH GDP GROWTH

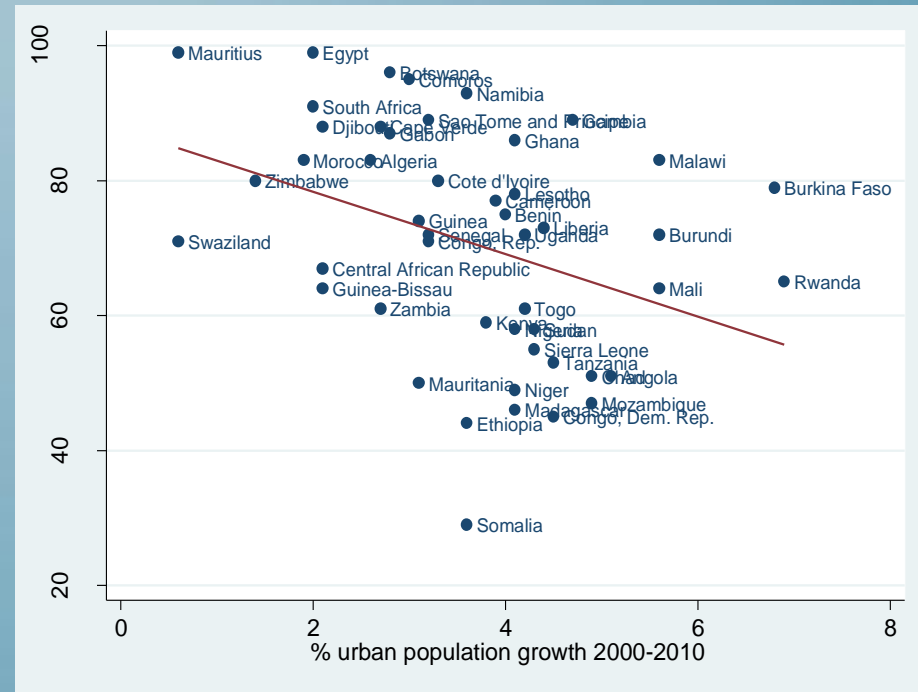
- *High Population Growth*
- *Possible lack of inclusiveness in the recent GDP growth in Africa.*
 - *Largely Commodity price-driven GDP Growth.*

POPULATION GROWTH AND ACCESS TO IMPROVED WATER SOURCES

Total Population Growth and Access

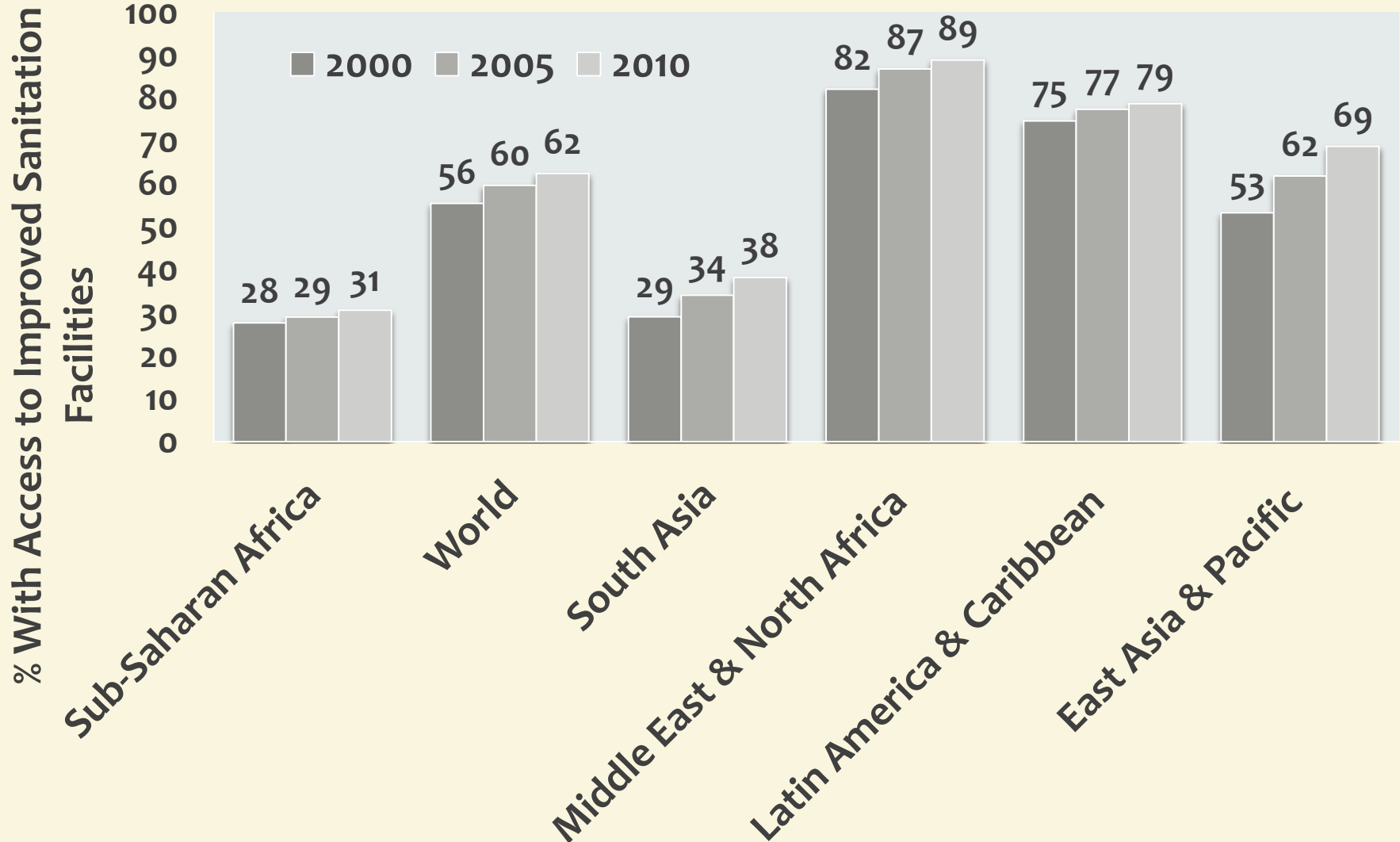


Urban Population Growth and Access



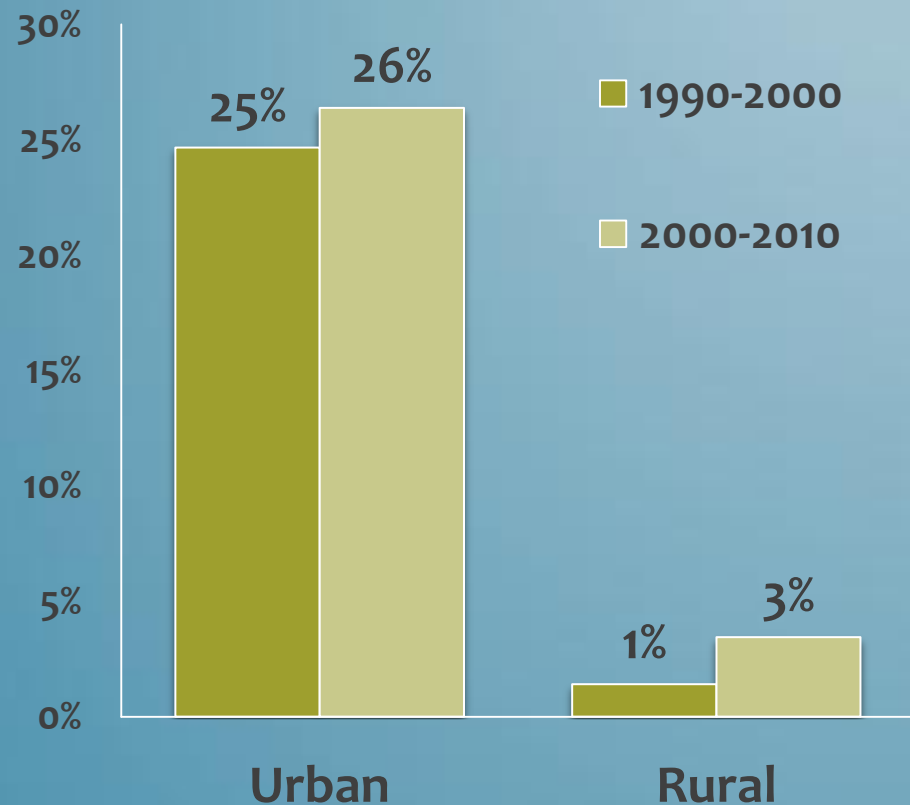
ACCESS TO IMPROVED SANITATION FACILITIES

REGIONAL DIFFERENCES IN ACCESS TO IMPROVED SANITATION FACILITIES

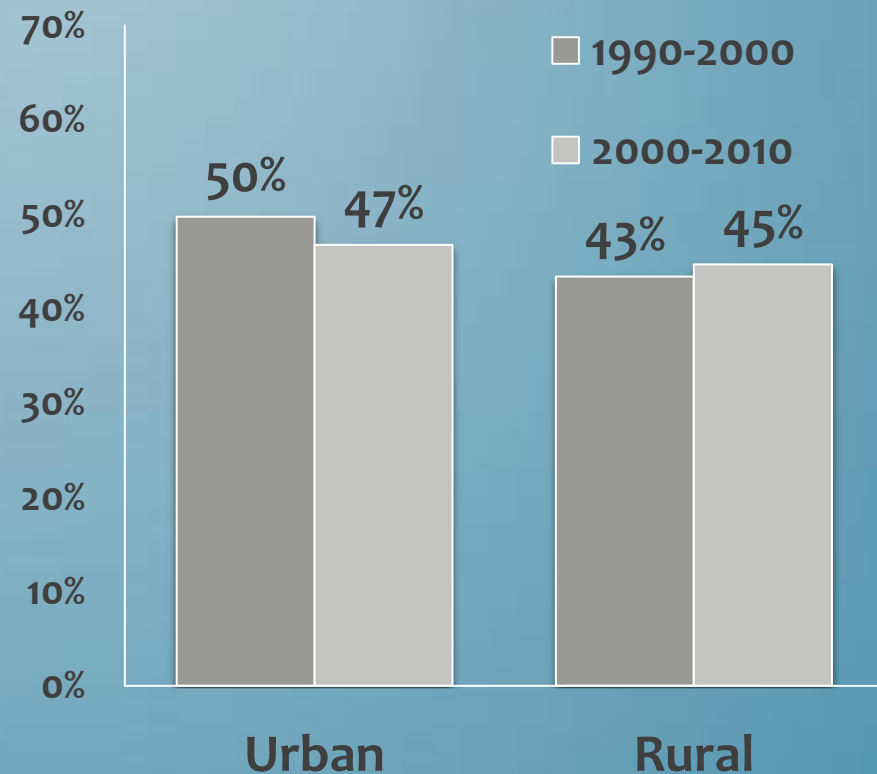


RURAL-URBAN DIFFERENCE IN ACCESS TO SANITATION

Access to Flush Toilets

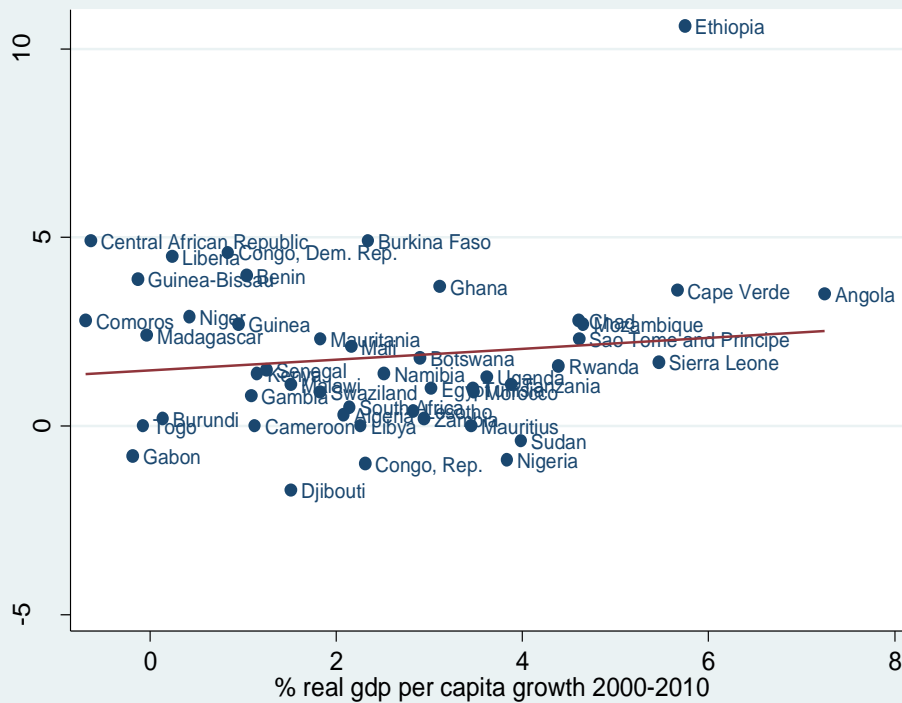


Access to Traditional Latrines

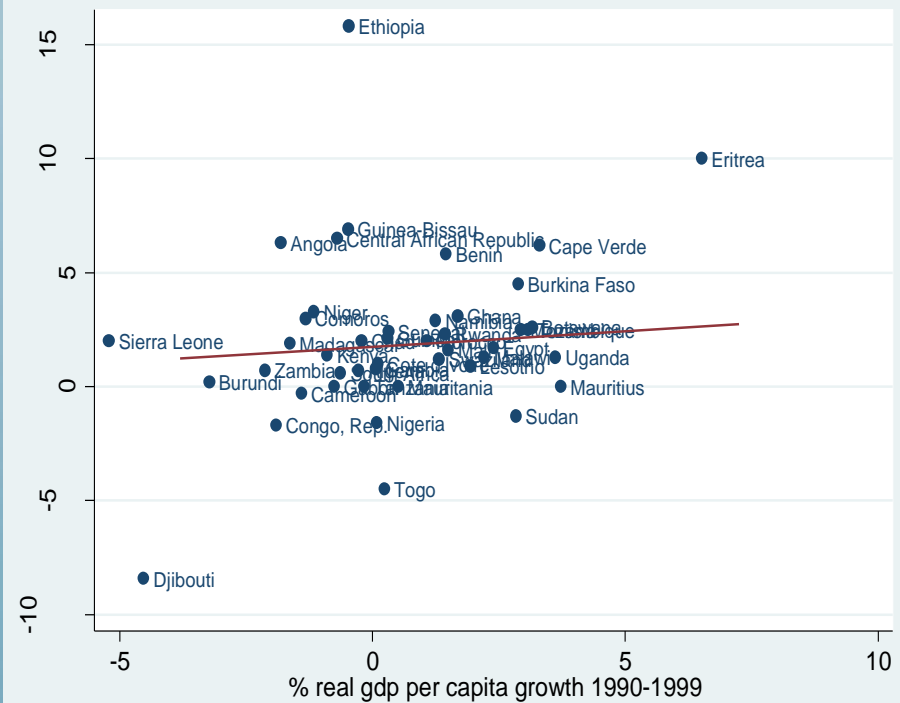


LACK OF CORRELATION BETWEEN GDP GROWTH AND ACCESS TO IMPROVED SANITATION FACILITIES

Access to Sanitation and GDP Growth in the Same Decade

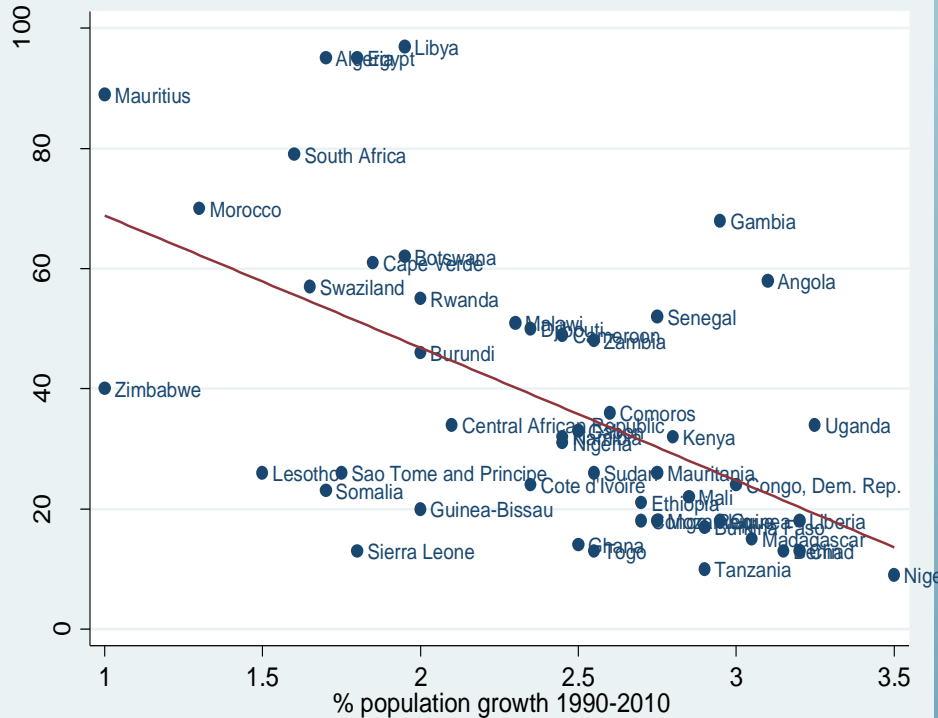


Access to Sanitation and GDP Growth in Preceding Decade

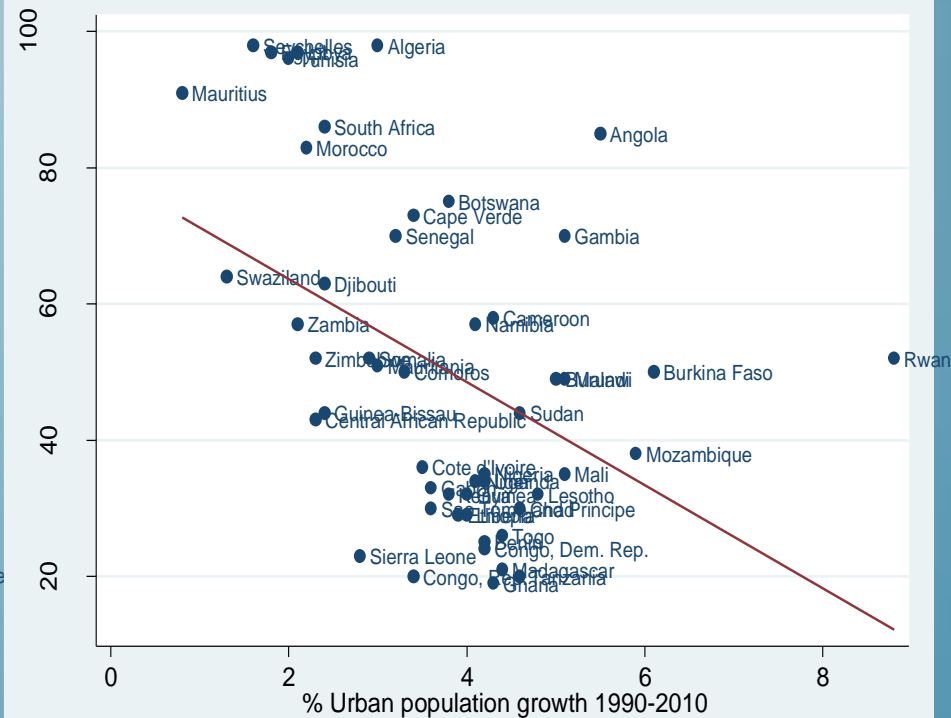


POPULATION GROWTH, URBANIZATION AND SANITATION ACCESS

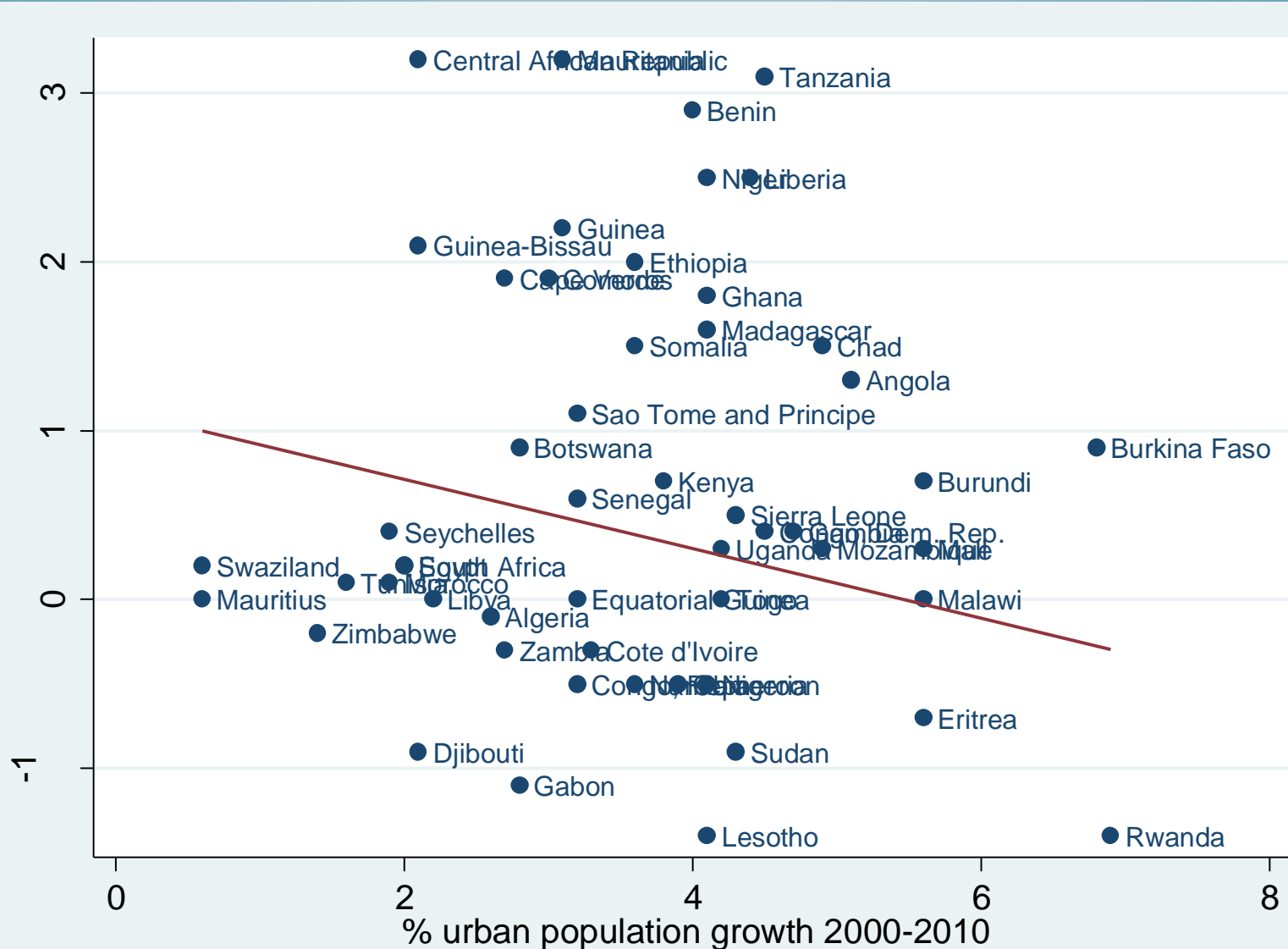
Sanitation Access and Population Growth



Sanitation Access and Urban Population Growth



GROWTH IN URBAN AREAS AND GROWTH IN ACCESS

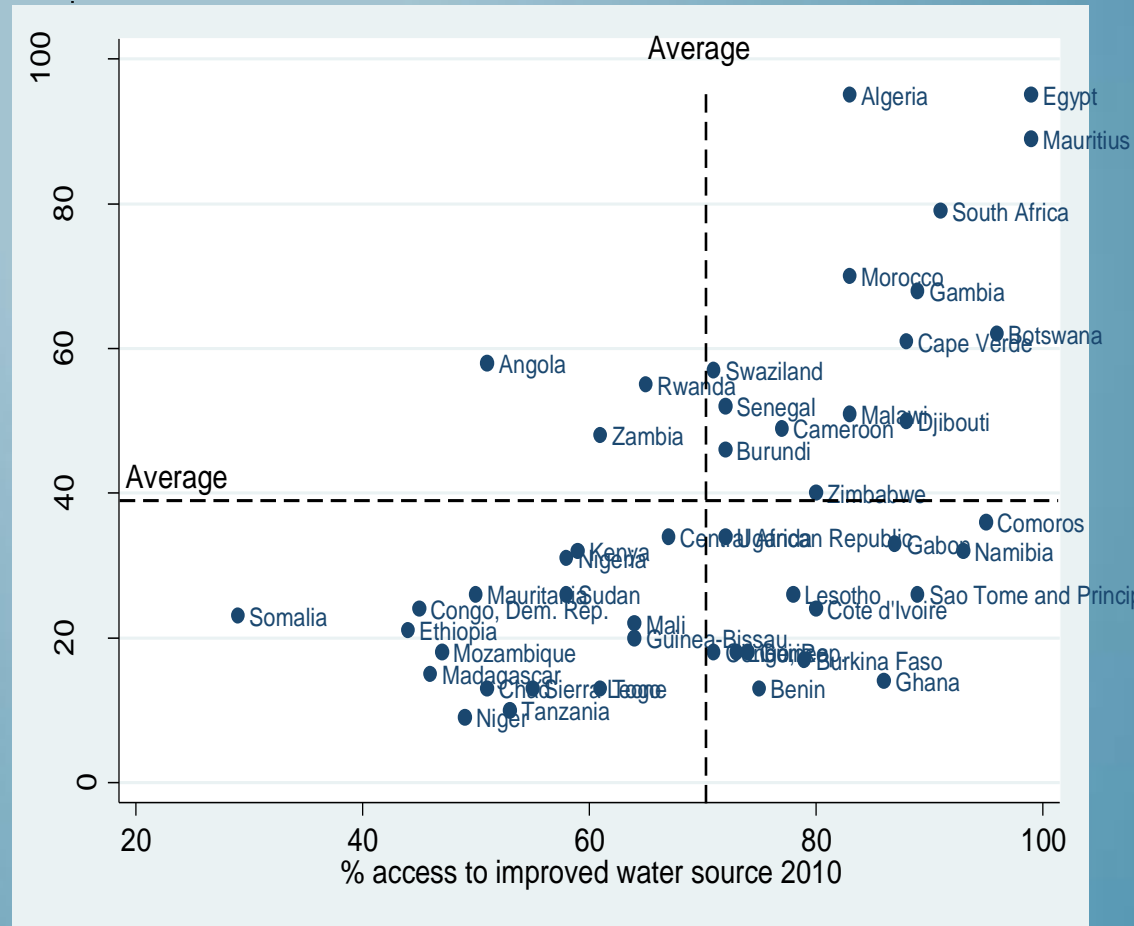


WATER AND SANITATION

High Correlation between the two Sectors.

Access to Sanitation lagging behind Access to Improved Water.

High Correlation between income and Access Rates.

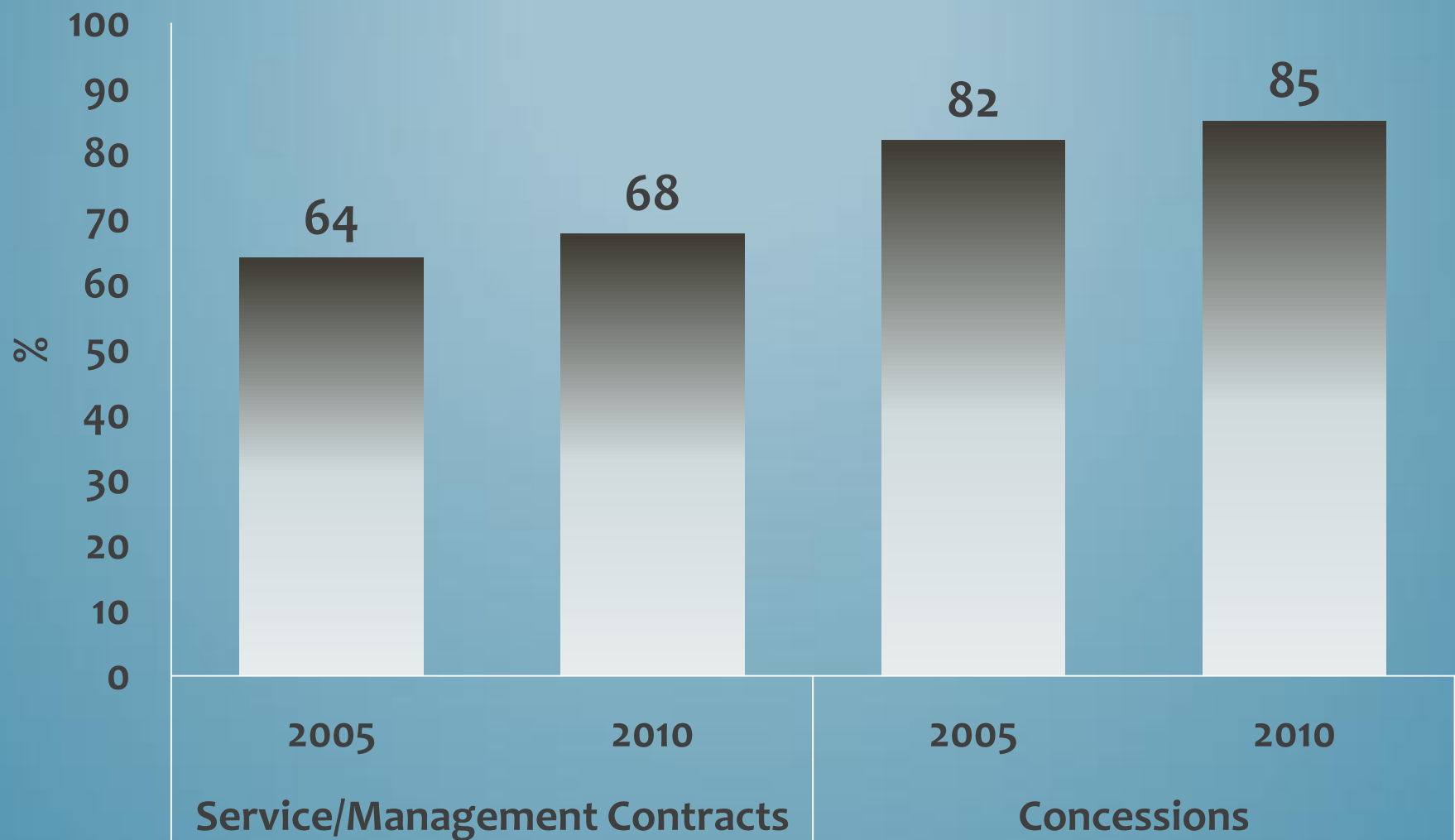


IMPLICATIONS FOR **PPPs** IN THE WATER AND SANITATION SECTOR

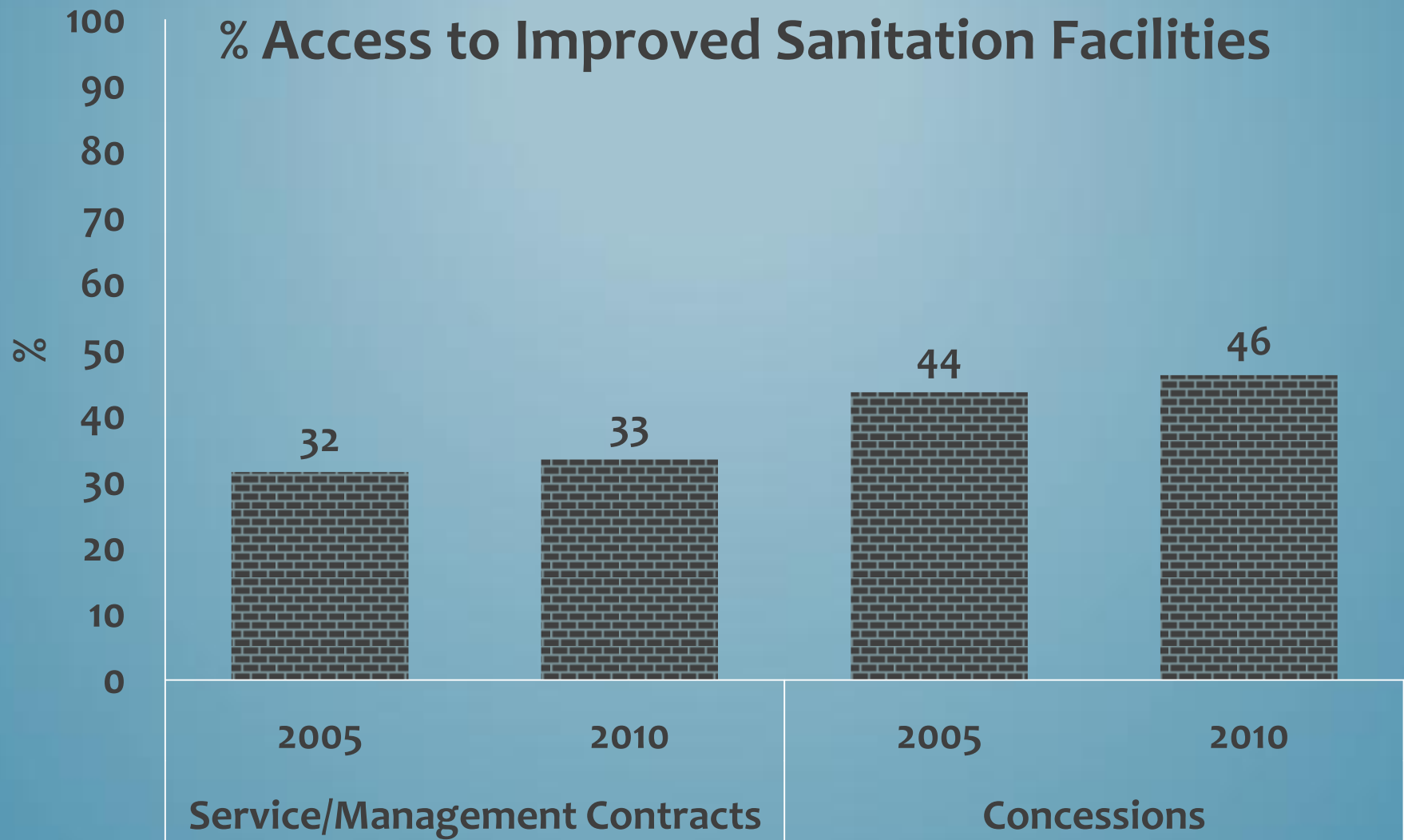
- *Service/management contract*
 - *Relatively common in WSS in Africa.*
 - *Can lead to Improvements in quality of services.*
 - *Increase in access not guaranteed.*
- *Lease/Concession*
 - *Less common in Africa in WSS in Africa*
 - *Can lead to Improvements in quality of services.*
 - *Increase in access likely.*

TYPES OF PPP ARRANGEMENT AND ACCESS TO IMPROVED WATER SOURCES

% Access to Improved Water Source



TYPES OF PPP ARRANGEMENT AND ACCESS TO IMPROVED WATER SOURCES

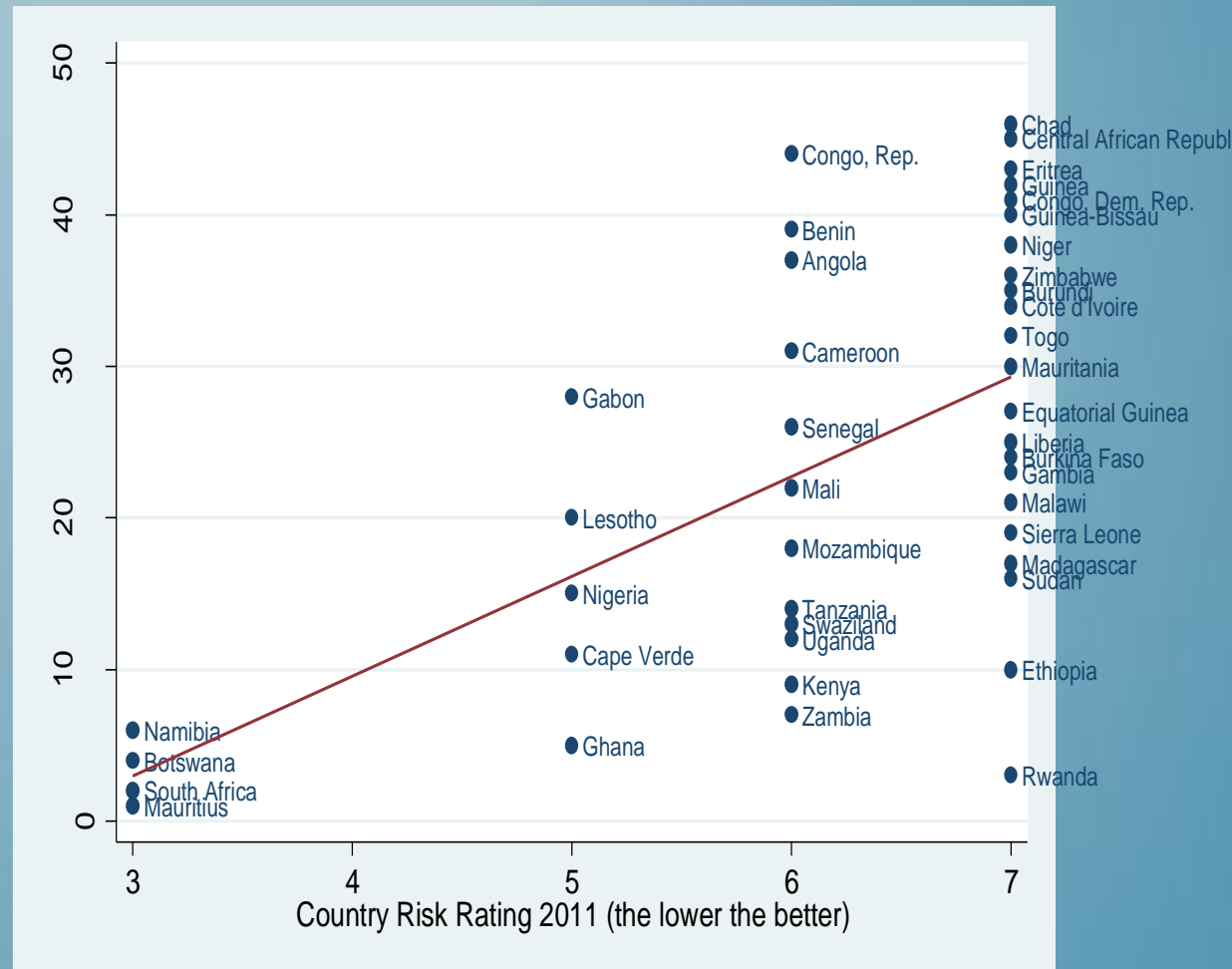


CHALLENGES FOR PPP: IMPLICATIONS FOR MDG TARGETS

-Countries with favorable investment climate already have high access rates.

Limited Capacity for countries with low access rates.

High rate of cancellations in previous PPPs.



THANK YOU