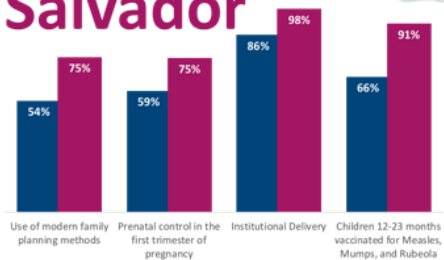


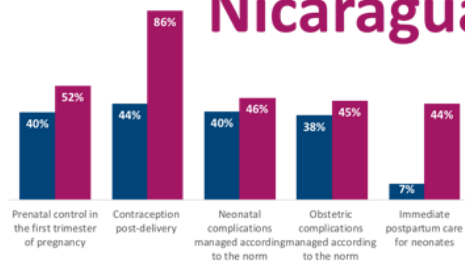
Evidence on the effect of results-based funding in Salud Mesoamerica Initiative

*CGD Conference
February 28, 2018*

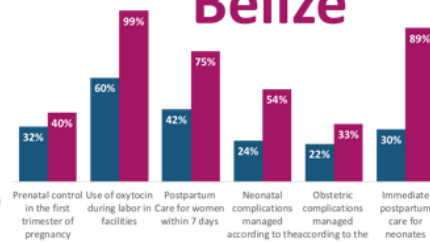
El Salvador



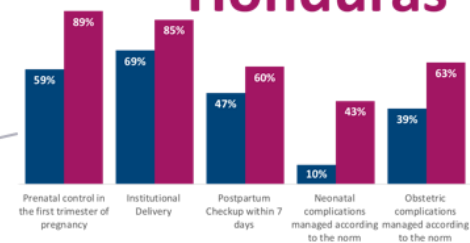
Nicaragua



Belize



Honduras

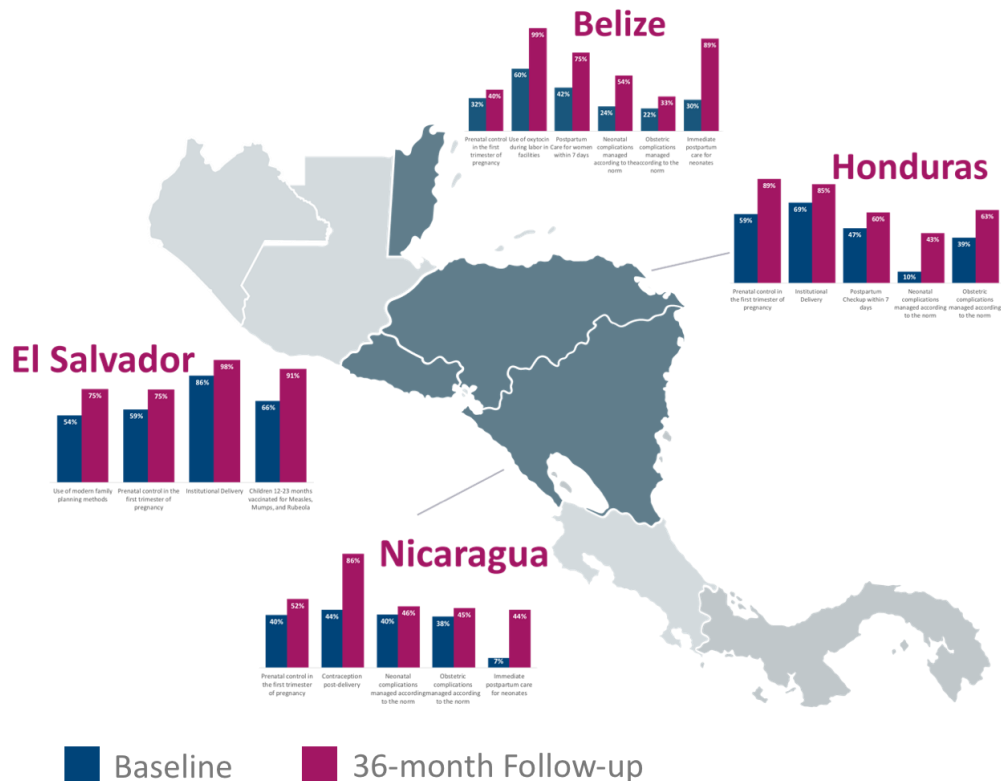


Baseline



36-month Follow-up

How much of this progress can be attributed to SMI?



1 What is the effect of SMI's as a package?



Results-based funding



Upfront Funding

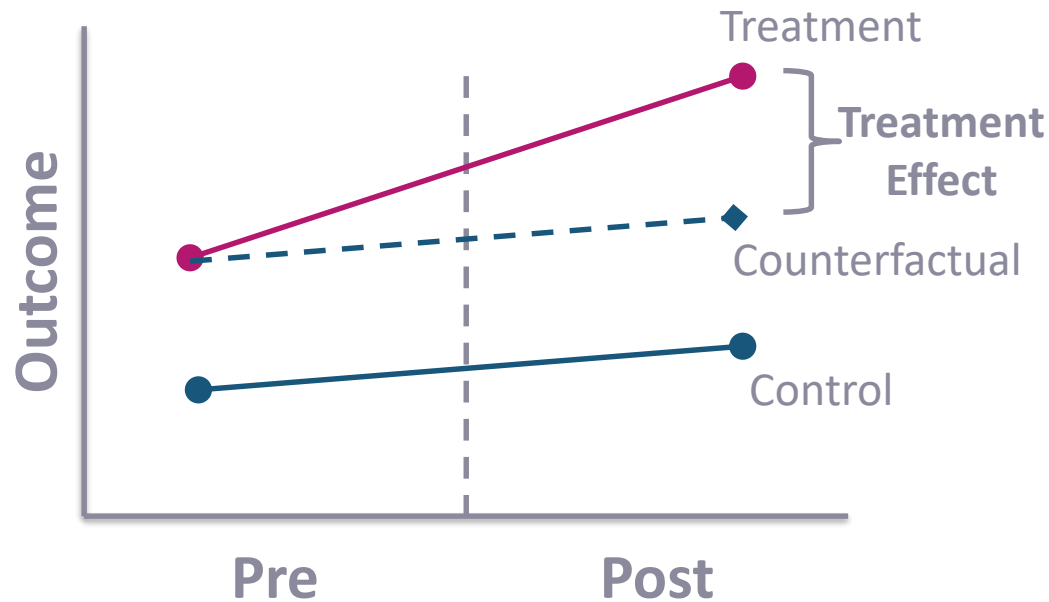


Technical assistance


2 What is the effect of RBF for national governments?



Our aim is to estimate causal effects



Impact Evaluation Designs

Country	Honduras	El Salvador
Incentive Level	National	National
Effect of...	  	
SMI Phase	2	1
Design	DID	DID
Comparison/Control	X	X
Baseline	2008-2011	2009-2011
Follow-up	2015-2017	2012-2015
Data sources	Household Surveys Medical Record Reviews	Administrative Data

1 What is the effect of SMI's as a package?



Results-based funding



Upfront Funding



Technical assistance



Honduras

Maternal and neonatal care

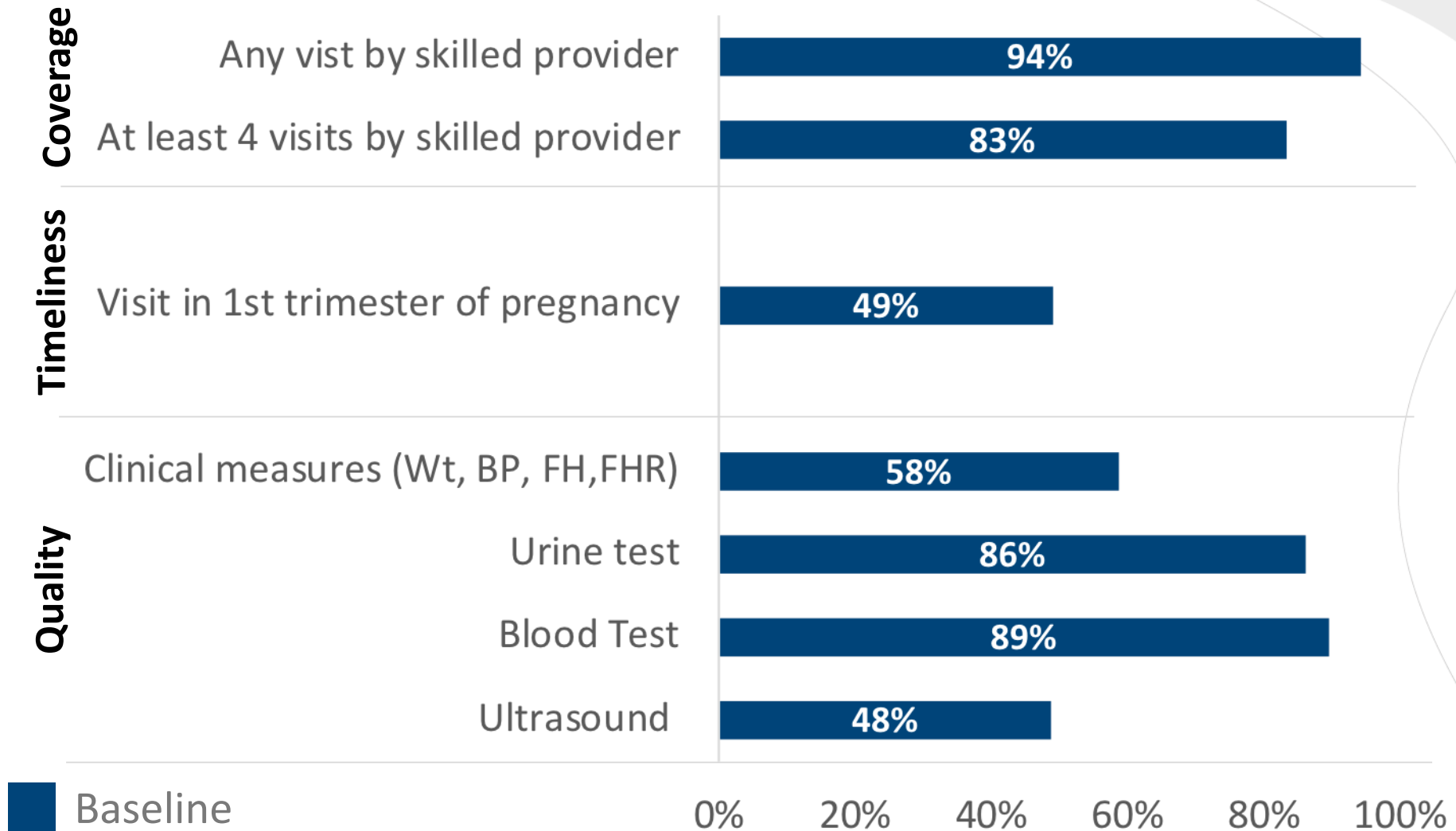
8 out 11 performance
framework indicators



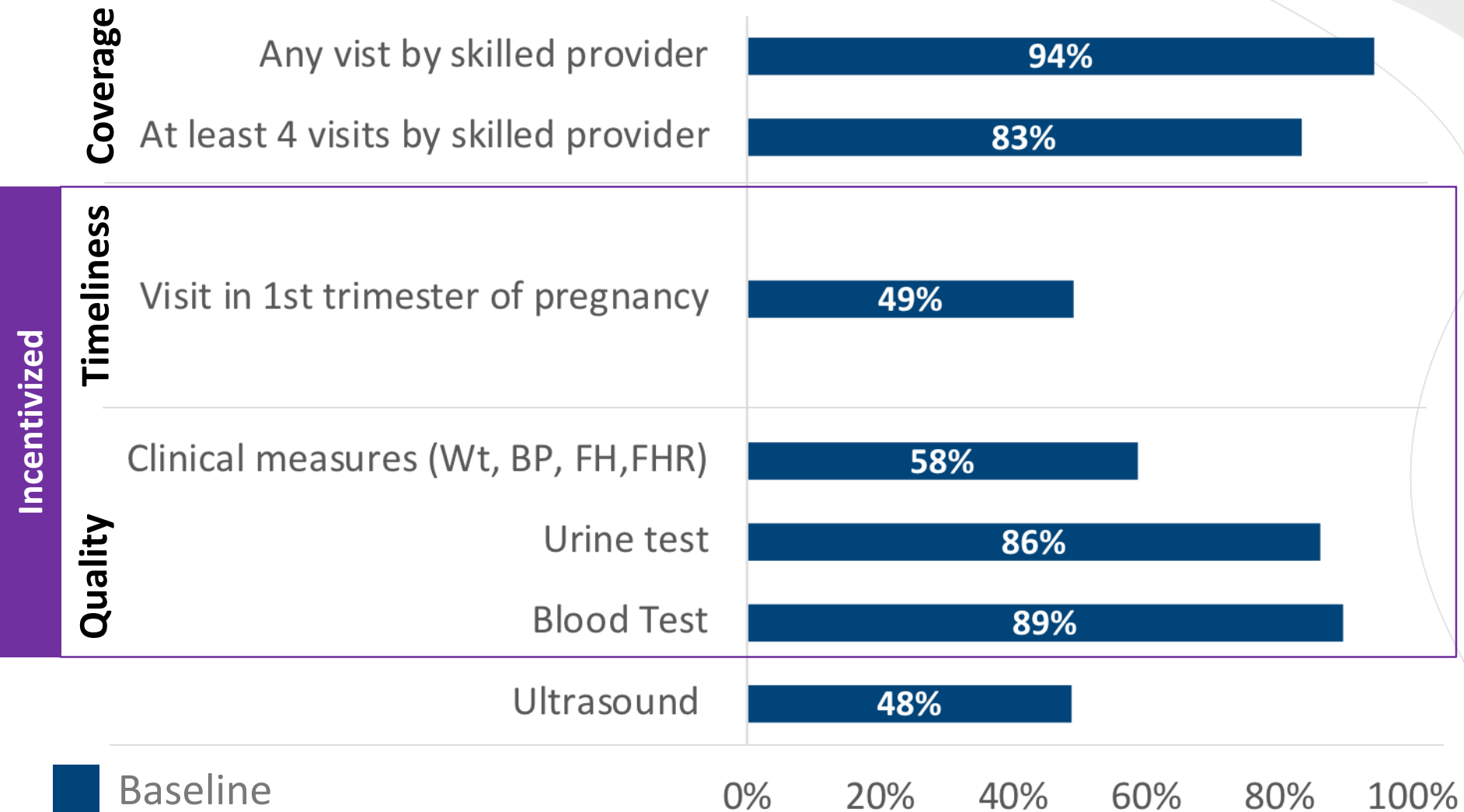
Focus on population-
based measures



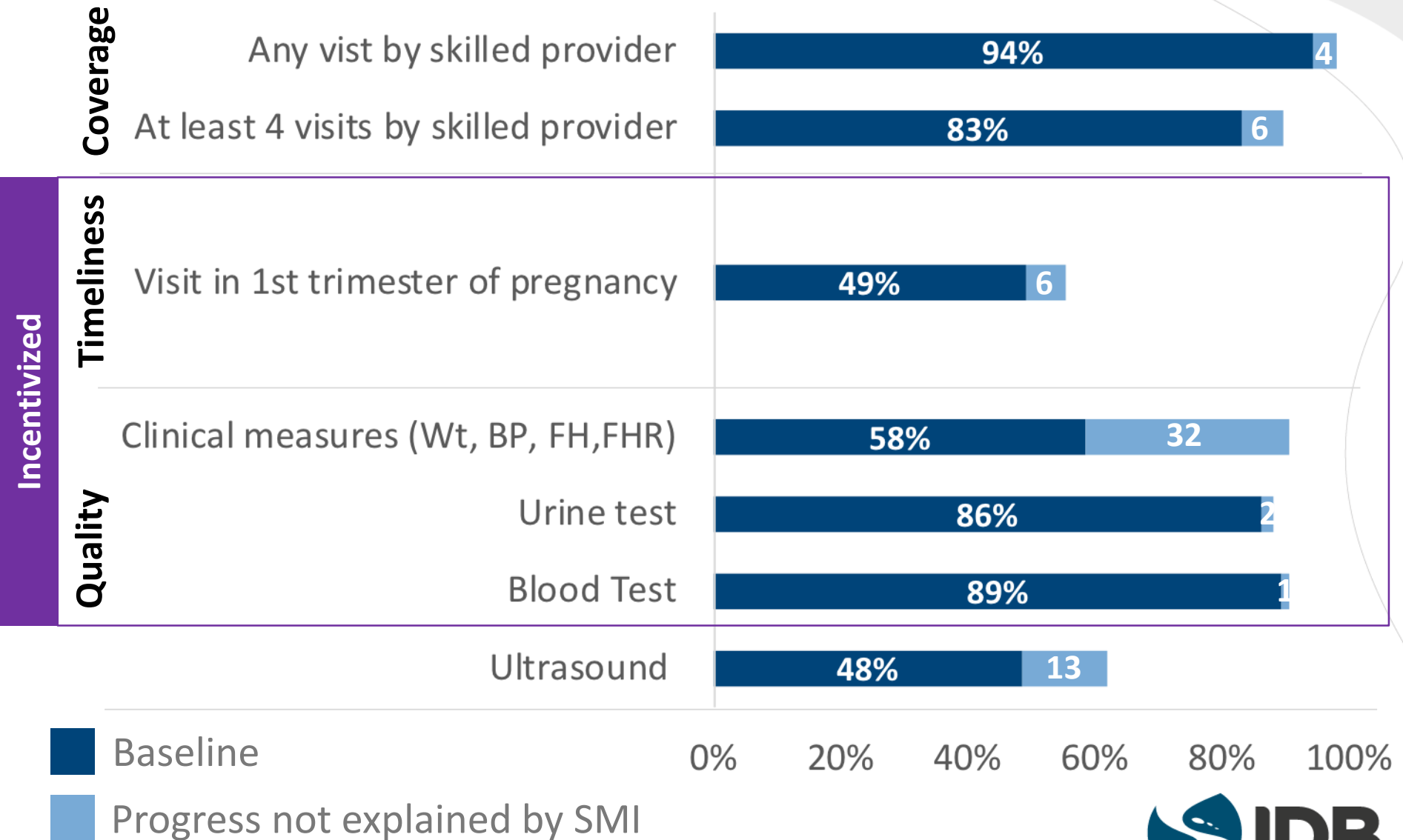
Antenatal care in Honduras



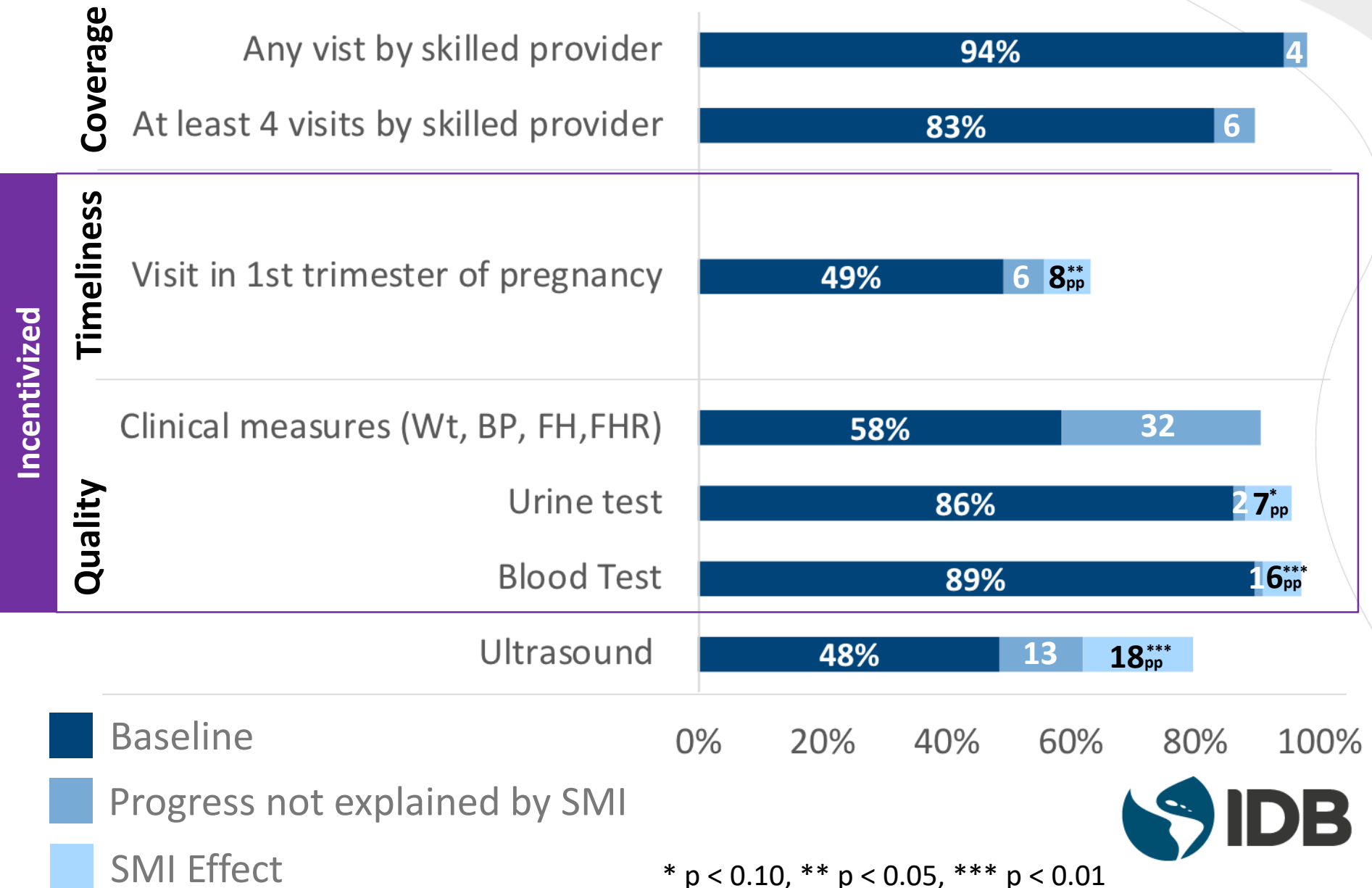
Antenatal care in Honduras



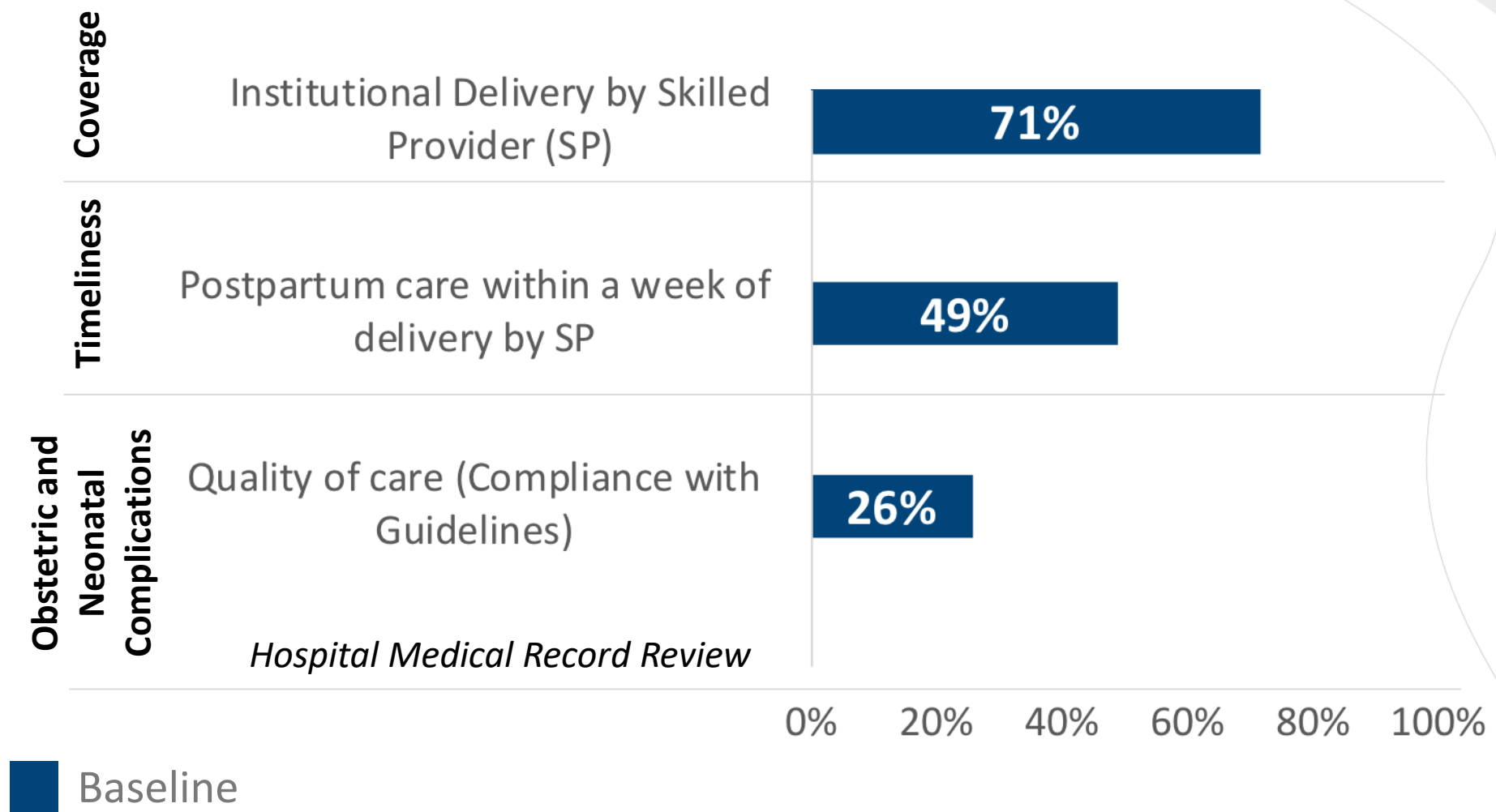
Antenatal care in Honduras



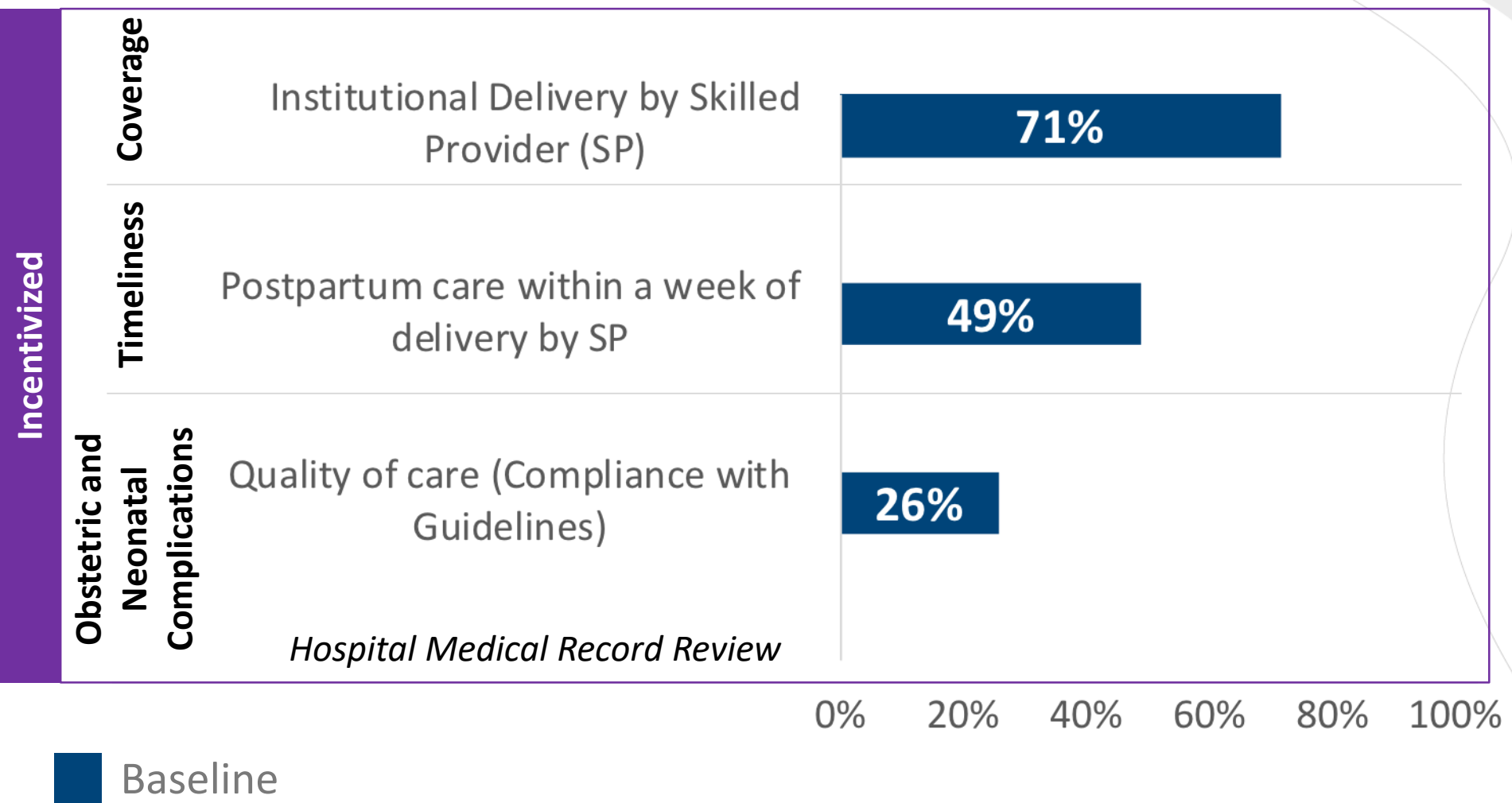
Antenatal care in Honduras



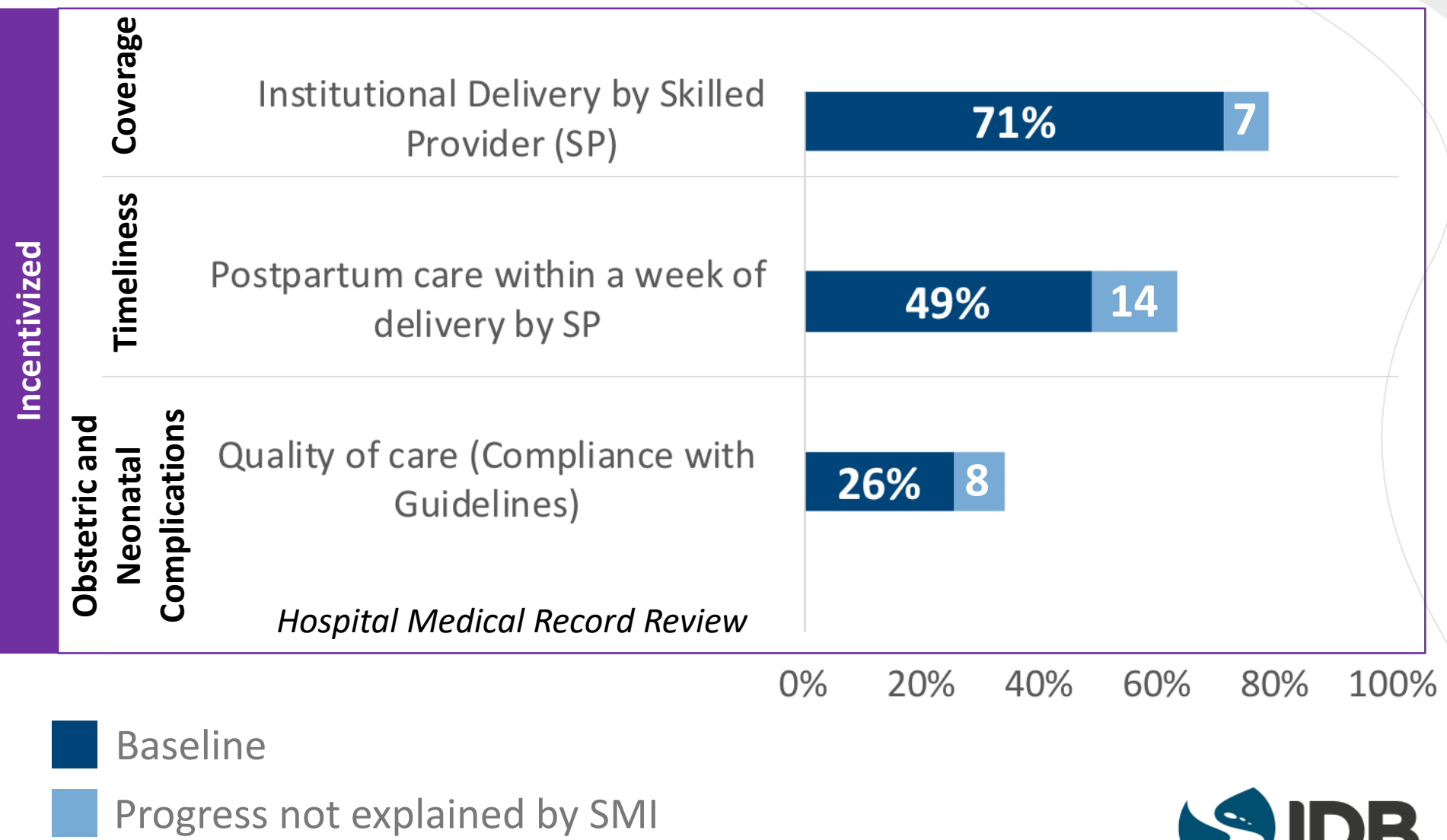
Delivery, Postpartum and Management of Complications in Honduras



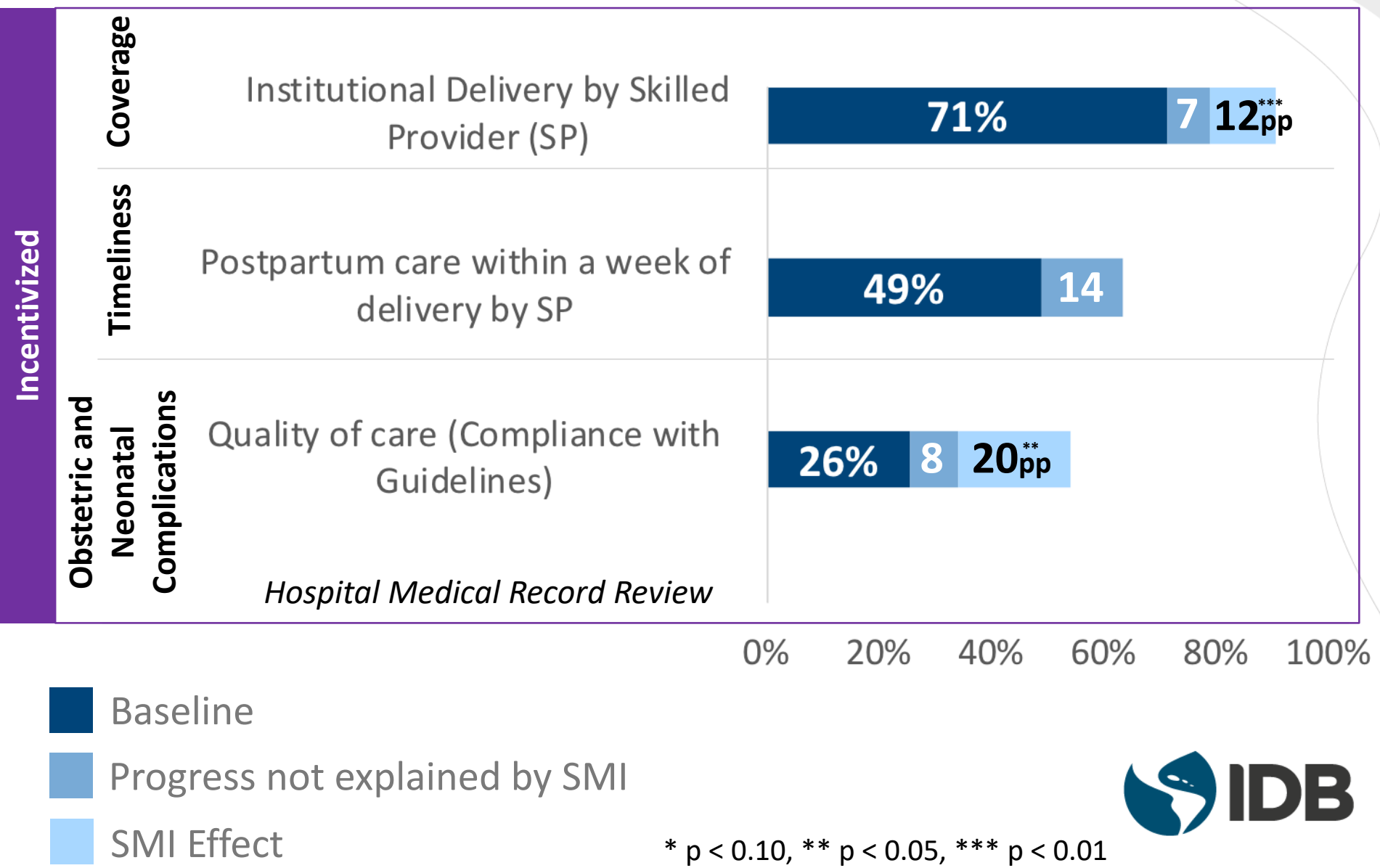
Delivery, Postpartum and Management of Complications in Honduras



Delivery, Postpartum and Management of Complications in Honduras



Delivery, Postpartum and Management of Complications in Honduras





Key Results from Honduras

SMI as a package was effective in improving

Timeliness of prenatal care

Coverage of institutional delivery

Quality — prenatal care
— Management of complications

2 What is the effect of RBF for national governments?





El Salvador

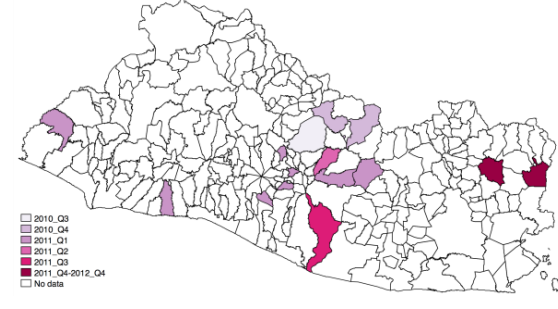
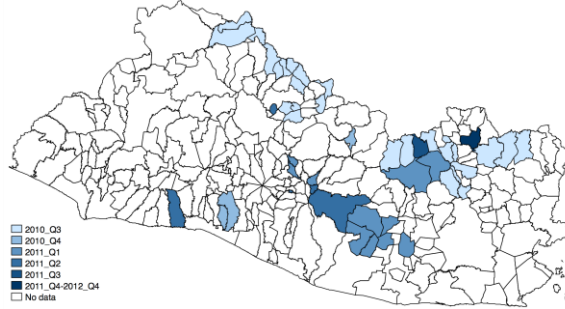
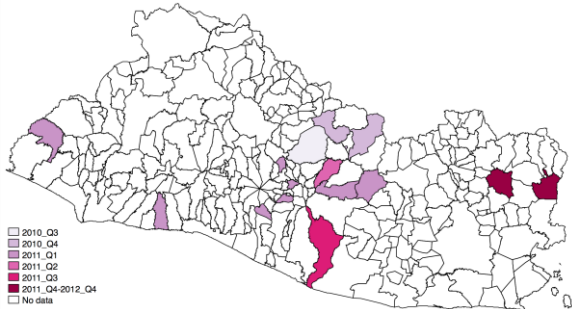
Community Health Teams



**Results-Based
Aid**

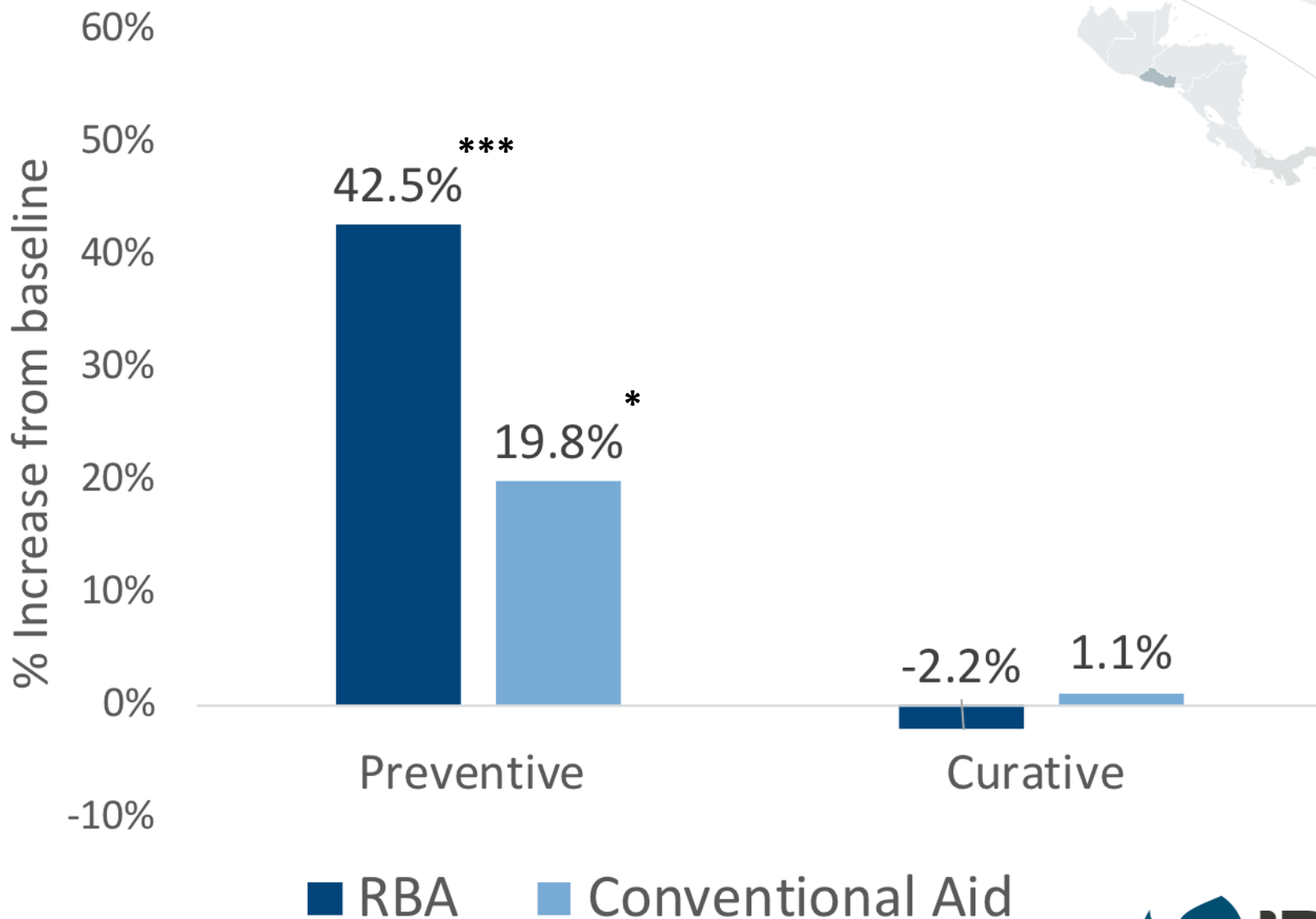
**Conventional
Aid**

**National
Funds**



SMI Technical Assistance Nationwide

Outpatient visits in El Salvador

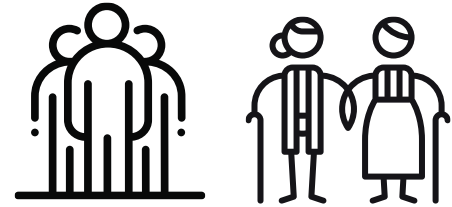


* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

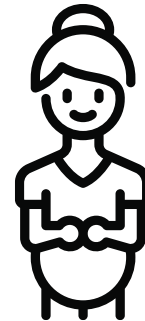
Highlights from El Salvador



No evidence of shifting away effort from non-incentivized population groups



Suggestive evidence of improved health in reduction of ACS hospitalizations among women



IABD Working Paper



Improving lives

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Is Results-Based Aid More Effective than Conventional Aid?: Evidence from the Health Sector in El Salvador



AUTHOR Bernal, Pedro; Martinez, Sebastian; Celhay, Pablo

DATE Jan 2018

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DOI <http://dx.doi.org/10.18235/0000980>

Results-based aid (RBA) models link funds to outcomes, rather than paying for inputs. Despite their theoretical appeal and recent adoption by donors and multilateral development banks, there is limited empirical evidence supporting this form of aid for national governments. We estimate the effects of a RBA model using a natural experiment in El Salvador, where the same community health intervention was implemented in 98 municipalities using one of three financing models. The Salud Mesoamerica Initiative funded fourteen municipalities with a RBA model that partially conditions funds on the attainment of externally measured maternal and child health targets. Fifty-four municipalities funded inputs using conventional aid and thirty had national funds. Using a difference-in-difference approach and national health systems data we find that preventive health services increased by 19.8% in conventional aid municipalities and by 42% in RBA municipalities compared to national funds, suggesting that the results-based conditionality roughly doubled aid effectiveness. Effects are driven by increases in maternal and child preventive services incentivized by the RBA model. Rather than diverting resources from other populations, we find that the

<https://publications.iadb.org/handle/11319/8750>





Final remarks

SMI as a package was effective in improving timeliness, coverage and quality



RBF for national governments doubled the effectiveness of aid in the implementation of community health teams



Technical assistance

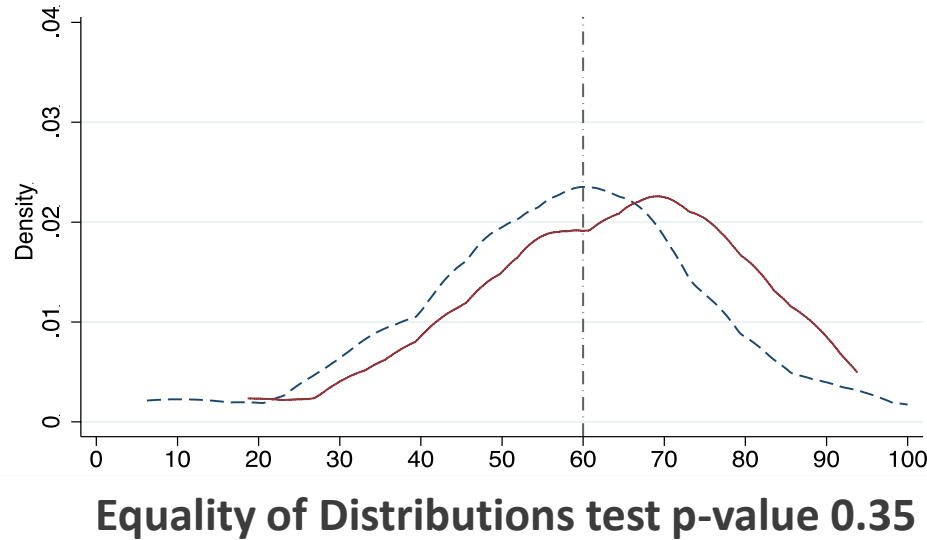
is an integral part of the model

One more thing...

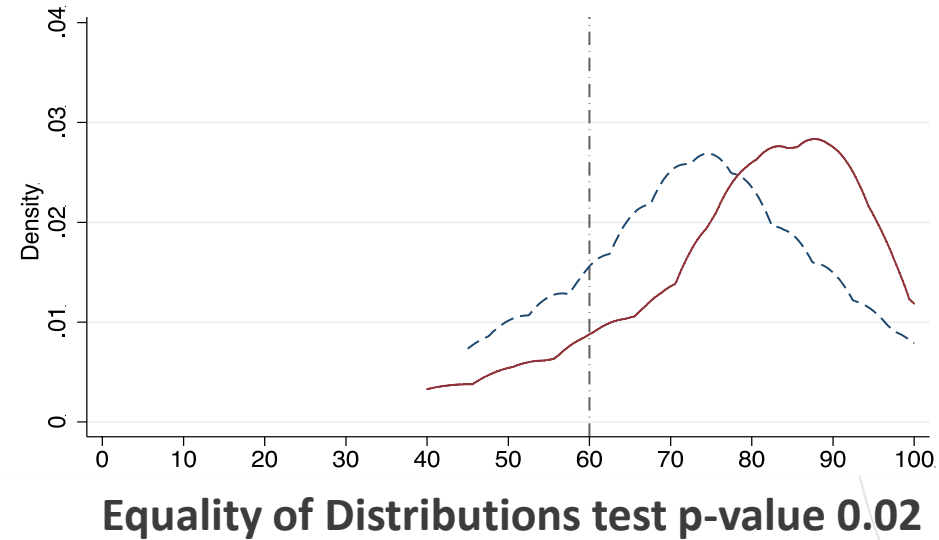


Experimental evidence on **results-based incentives** for community health teams

Baseline



12-month



--- Control — Treatment

Even small in-kind incentives
can accelerate change even further

