

STRUGGLING AGAINST THE ODDS OF POVERTY, ACCESS AND GENDER – SECONDARY SCHOOLING FOR GIRLS

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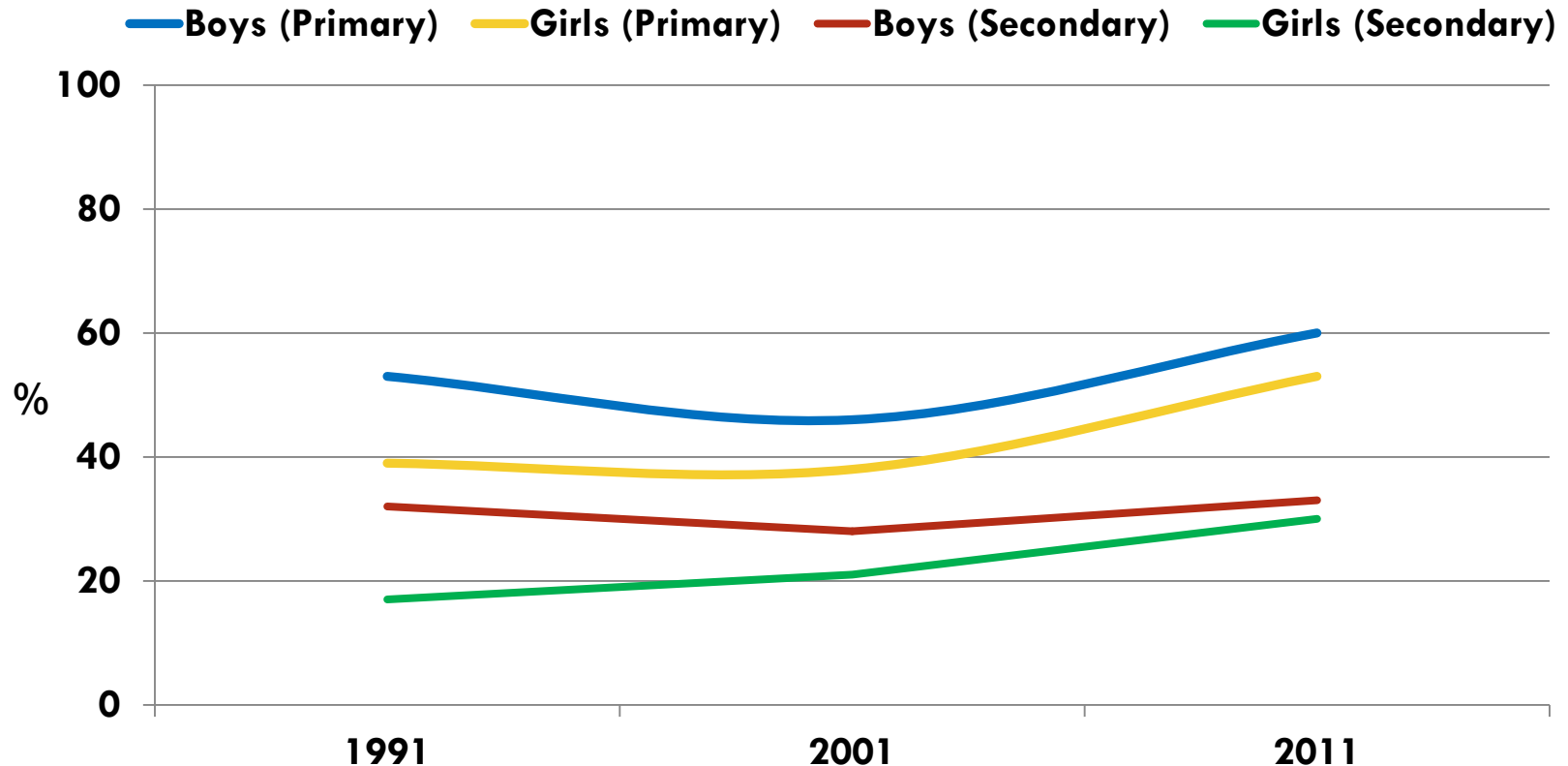
Ninth Annual Conference on Management of the Pakistan Economy
Human Capital Development for Sustained Economic Growth

Lahore School of Economics

March 20, 2013

Boys still have higher enrolment rates than girls – but the differences have narrowed

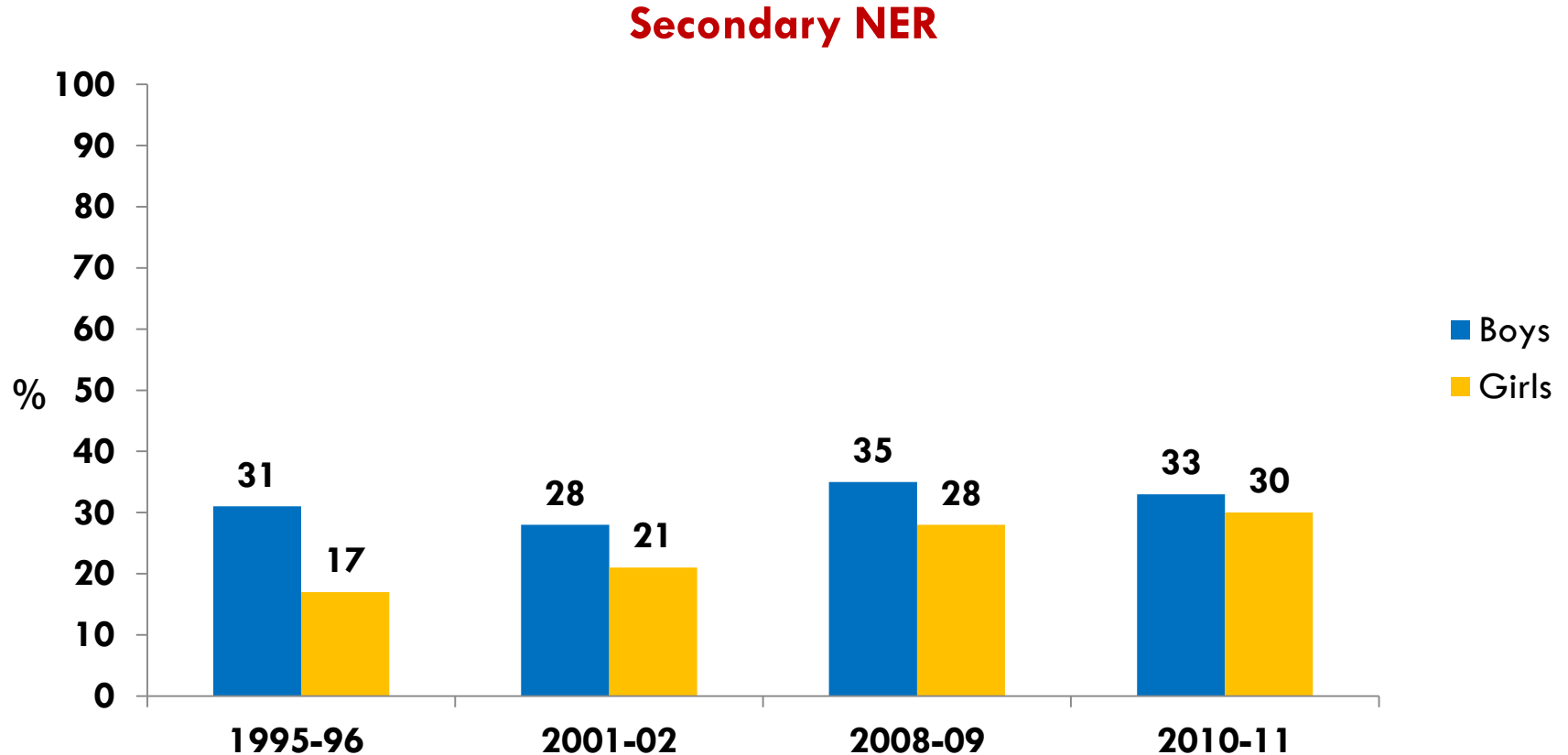
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Source: PIHS/PSLMS Series

Gender equality at the secondary level has definitely improved-levels remain low

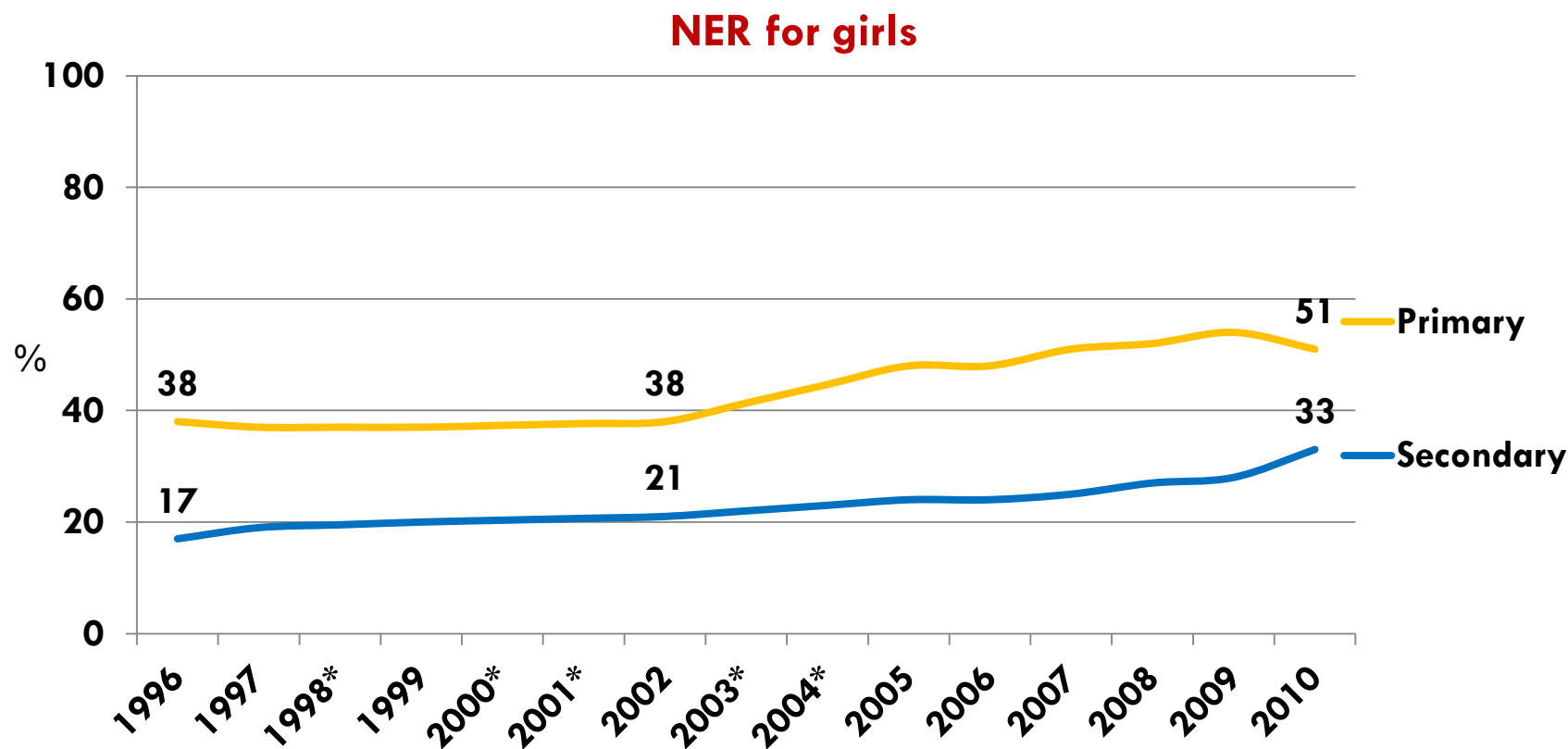
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Source: PIHS/PSLMS Series

Increase in primary enrolment for girls began after 2001- Secondary enrollment for girls took off around 2007

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Source: PIHS/PSLMS Series

Data Sources

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- ❖ Pakistan Integrated Household Survey 1990-91 & 2001-02 (PIHS).
- ❖ Pakistan Social and Living Standards Measurement Survey (PSLMS) conducted by Pakistan Bureau of Statistics (PBS) 2007-8, 2010-11 (sample of approximately 15000 households).
- ❖ Primary data from panel survey conducted by the Population Council in 1997, 2004 and 2011 in 12 communities and 4 more communities in 2011 (covering 176 schools and 1191 households in final round).

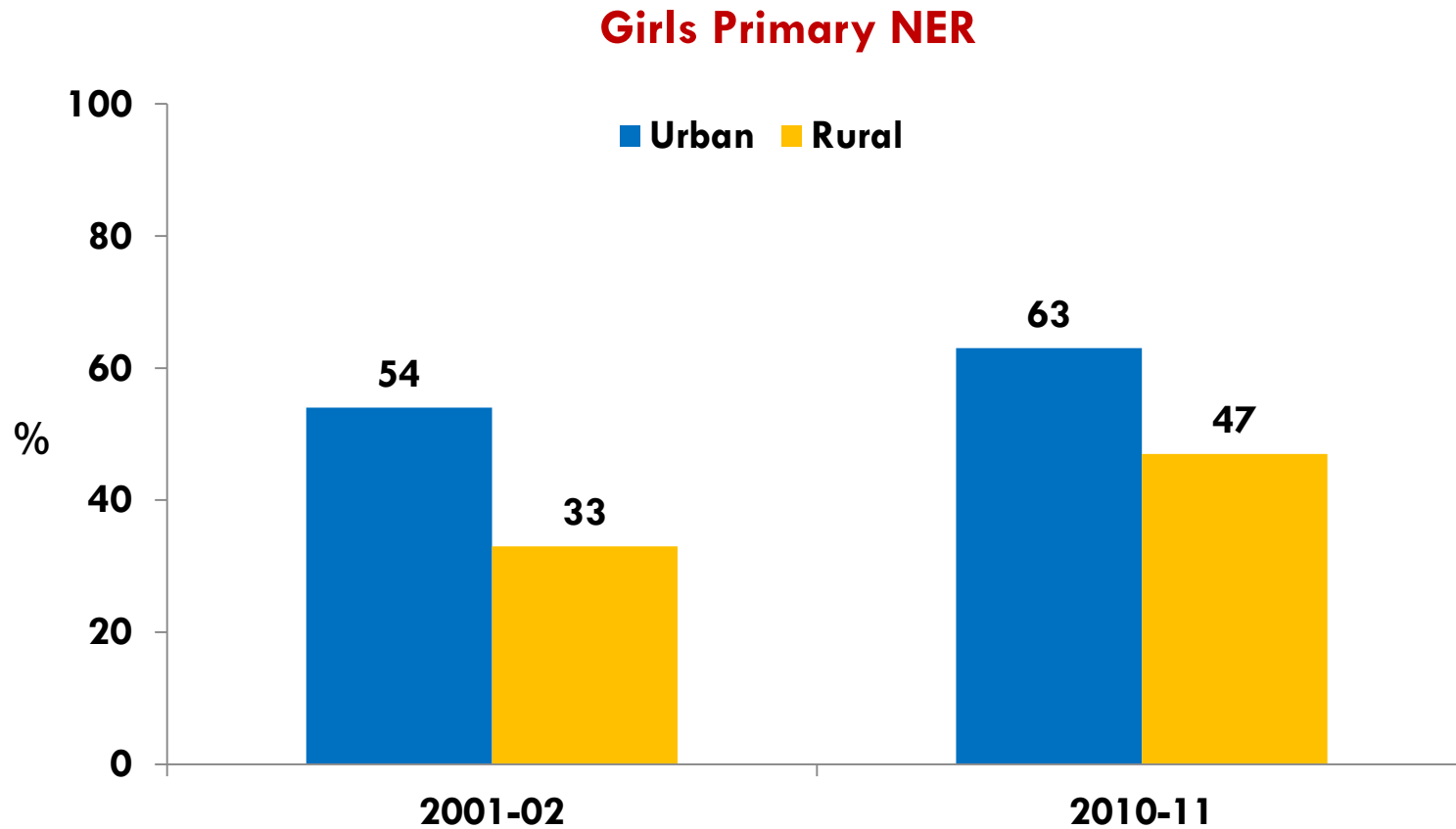
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REGIONAL AND PROVINCIAL PATTERNS

HOW MUCH OF THE EFFECTS ARE BASED ON GEOGRAPHY?

Enrolment rates in rural areas are catching up, but half of rural girls still do not attend primary school

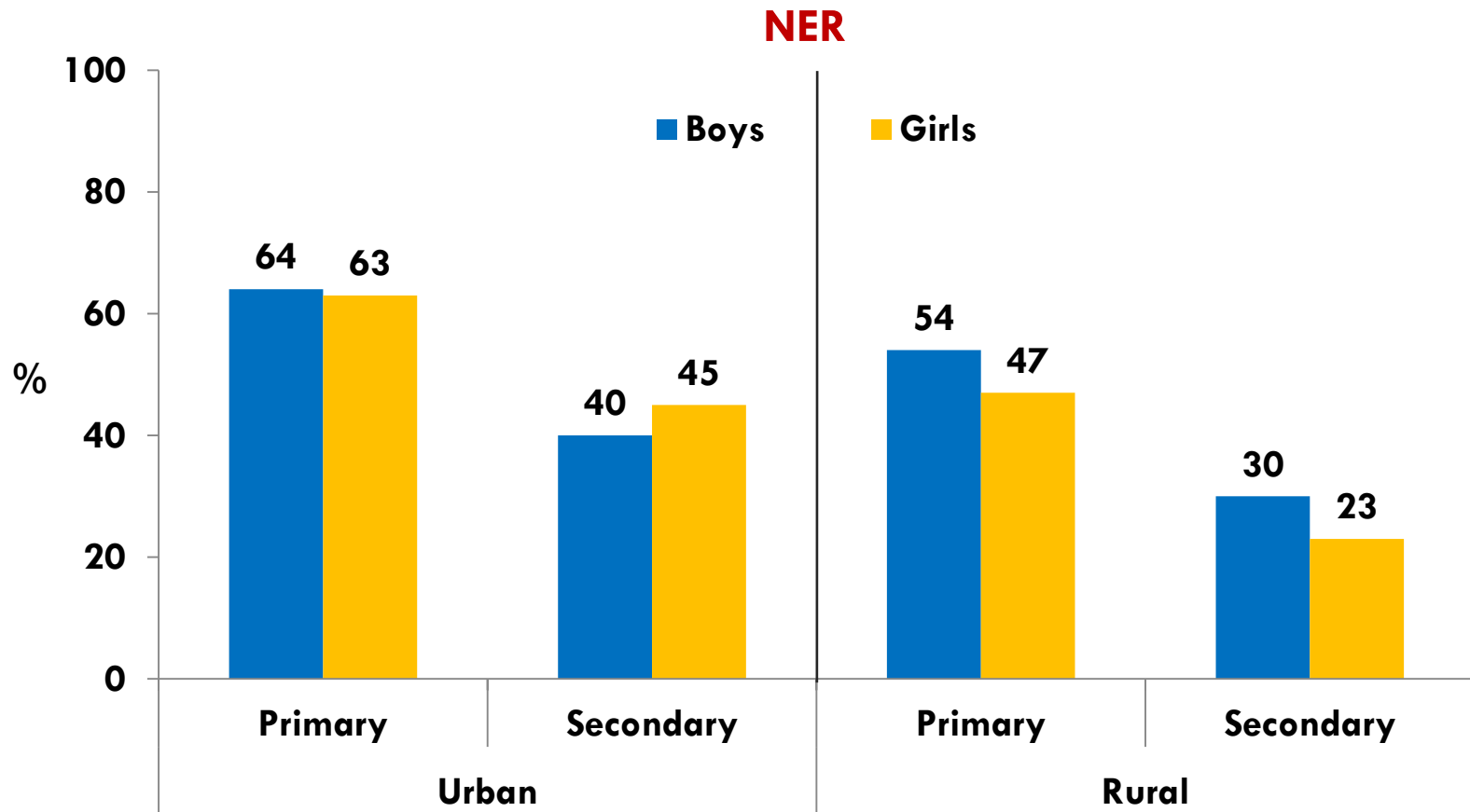
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Source: PIHS 2001-02 & PSLMS 2010-11

Gender inequality is greater in rural areas

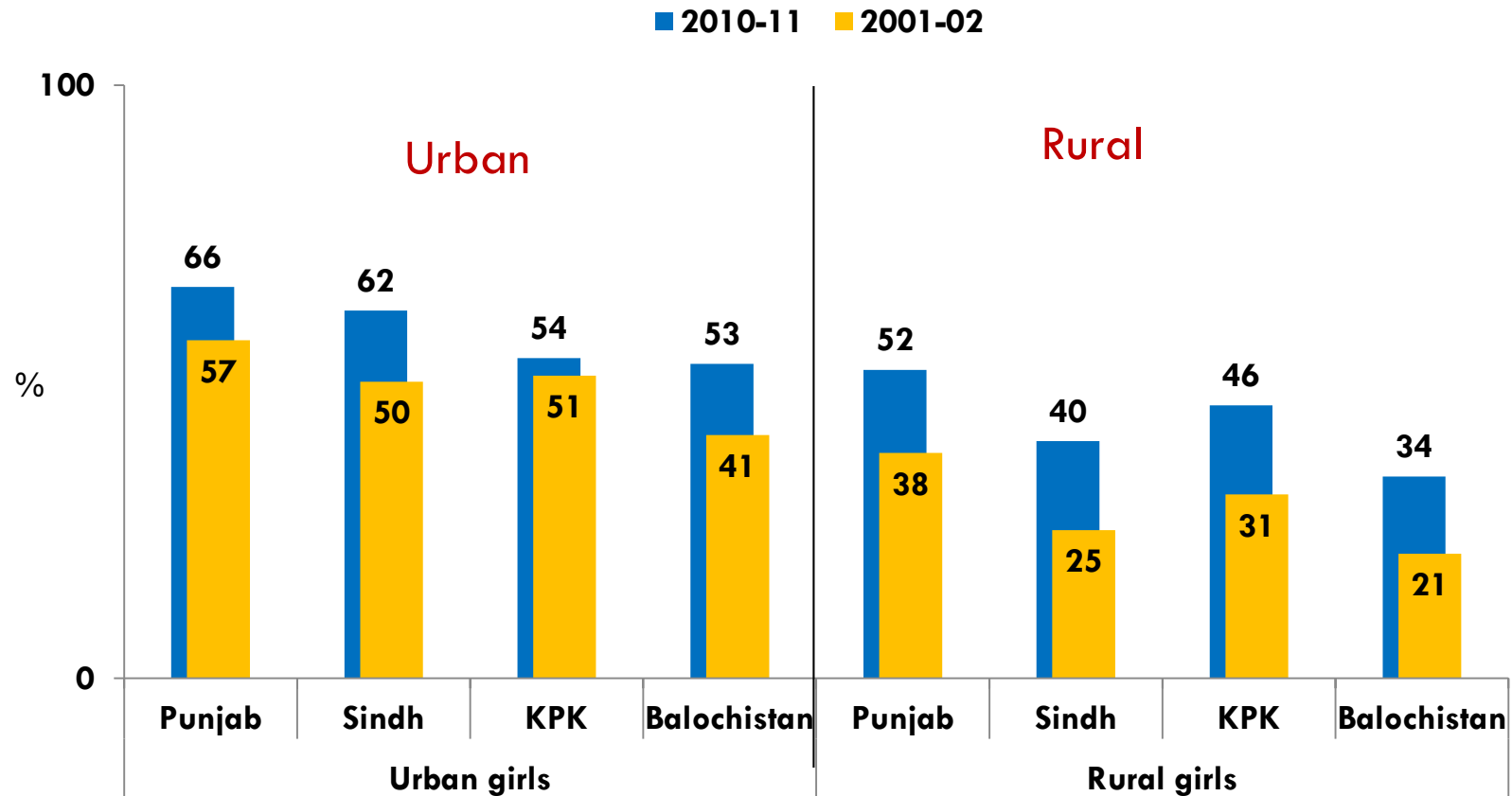
8



Source: PSLMS 2010-11

Progress in primary enrollments almost across all provinces

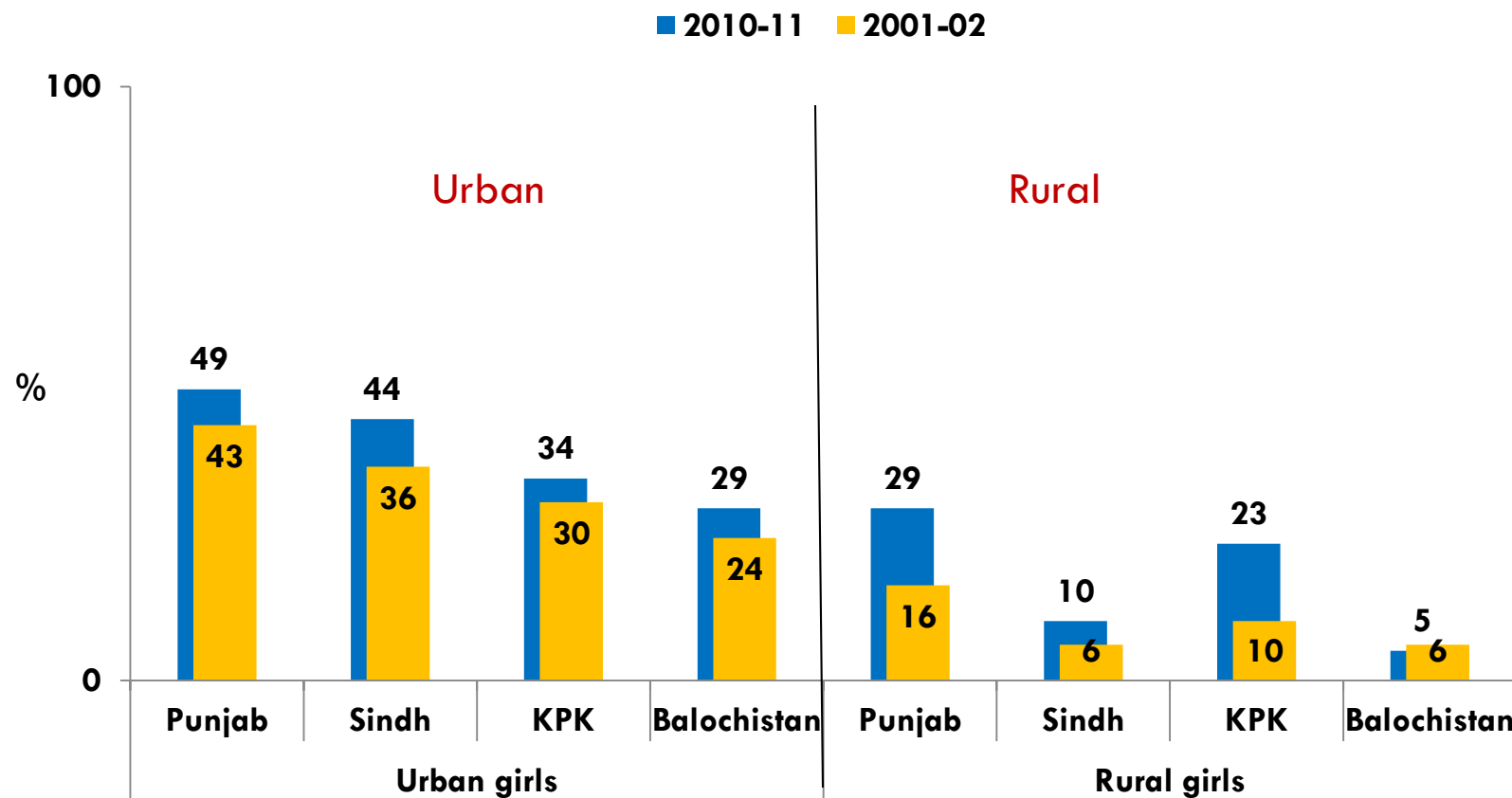
9



Source: PIHS 2001-02 & PSLMS 2010-11

Secondary enrollment improves in urban Punjab and Sindh- progress in rural areas of Punjab and KP

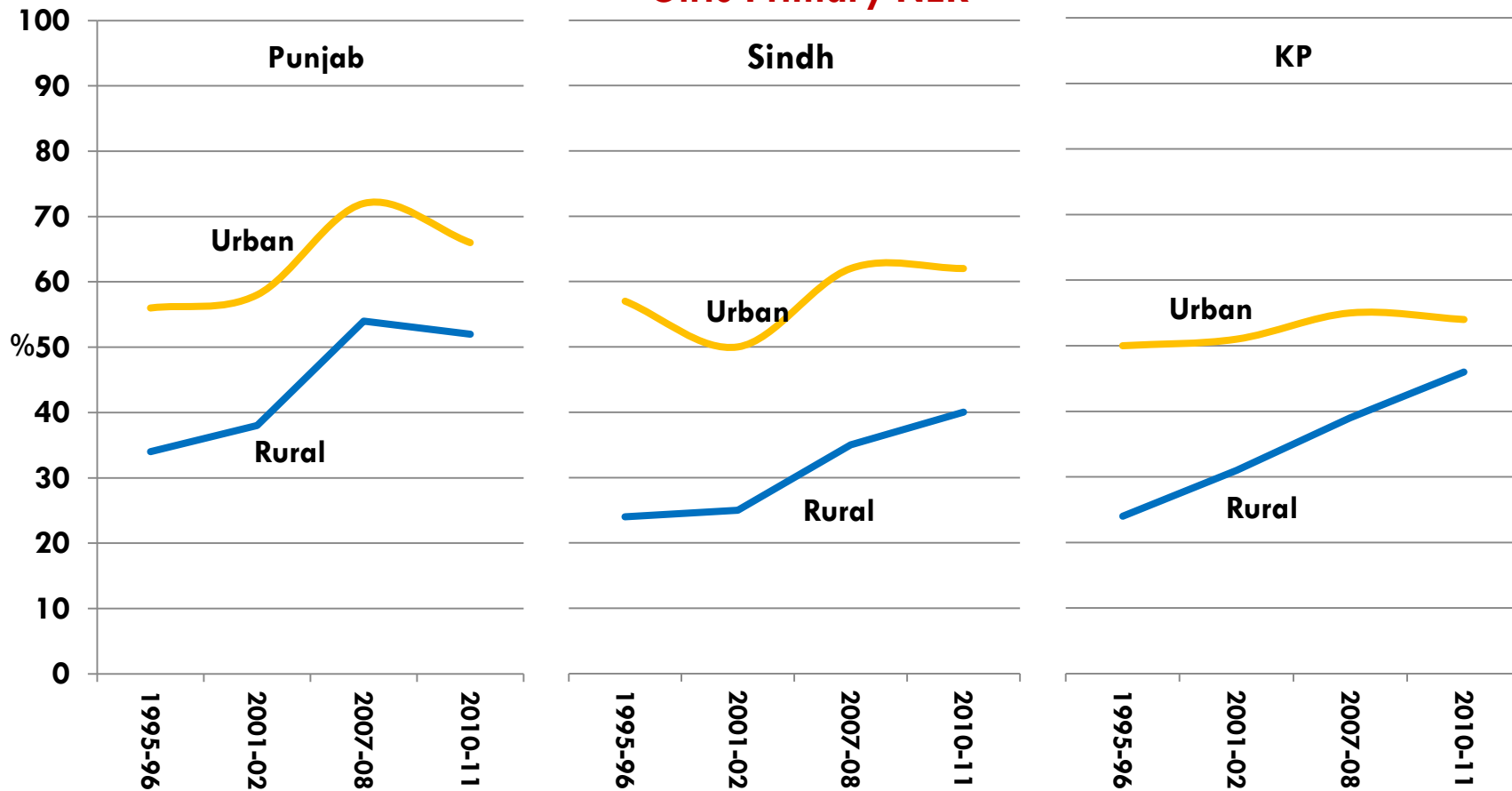
10



Source: PIHS 2001-02 & PSLMS 2010-11

Girls in both urban and rural Punjab continue to fare much better- rural KP catching up fast

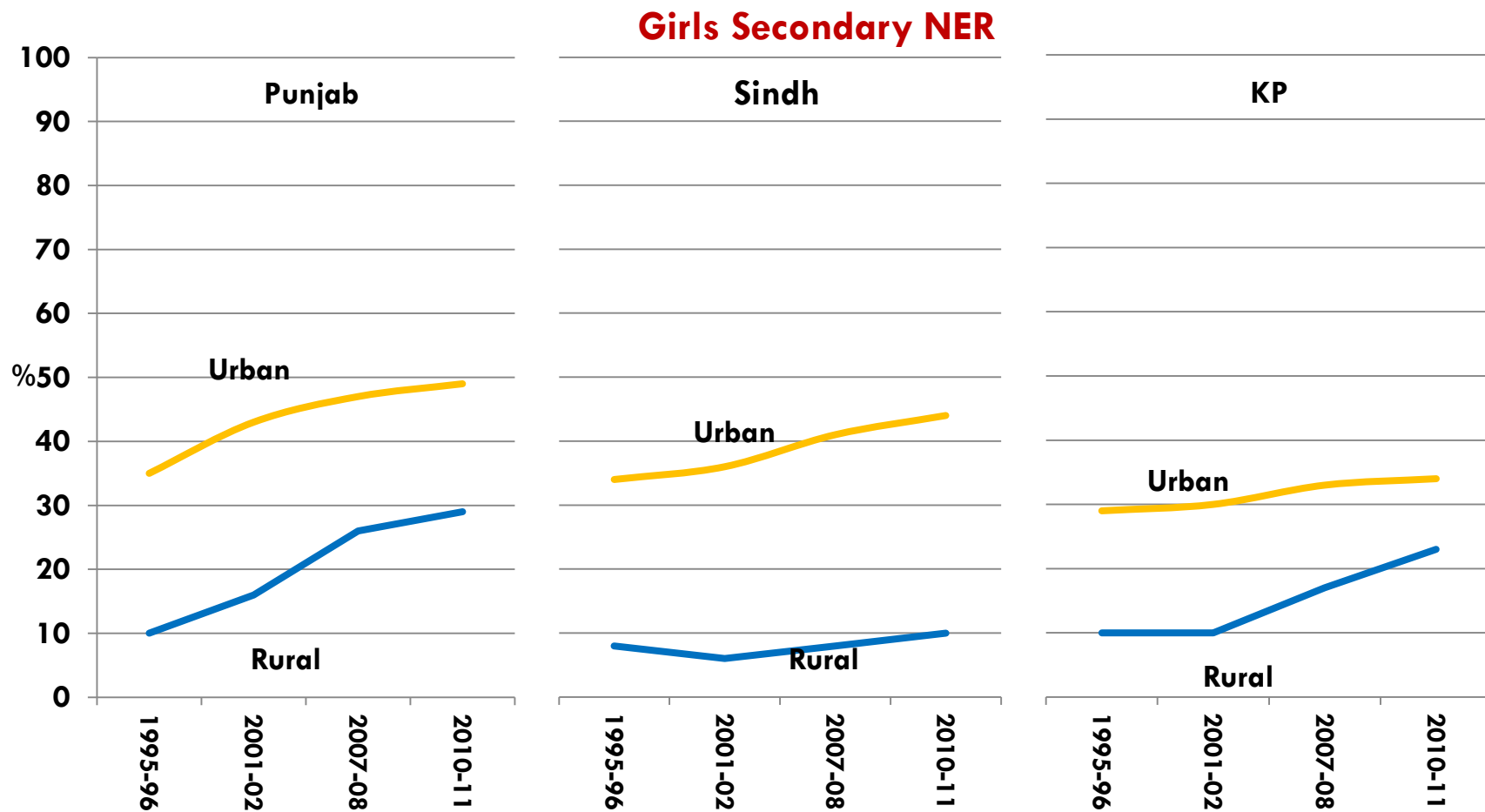
Girls Primary NER



Source: PIHS/PSLMS Series

Secondary schooling for girls – a real option for Punjab and KP- not for Sindh

12



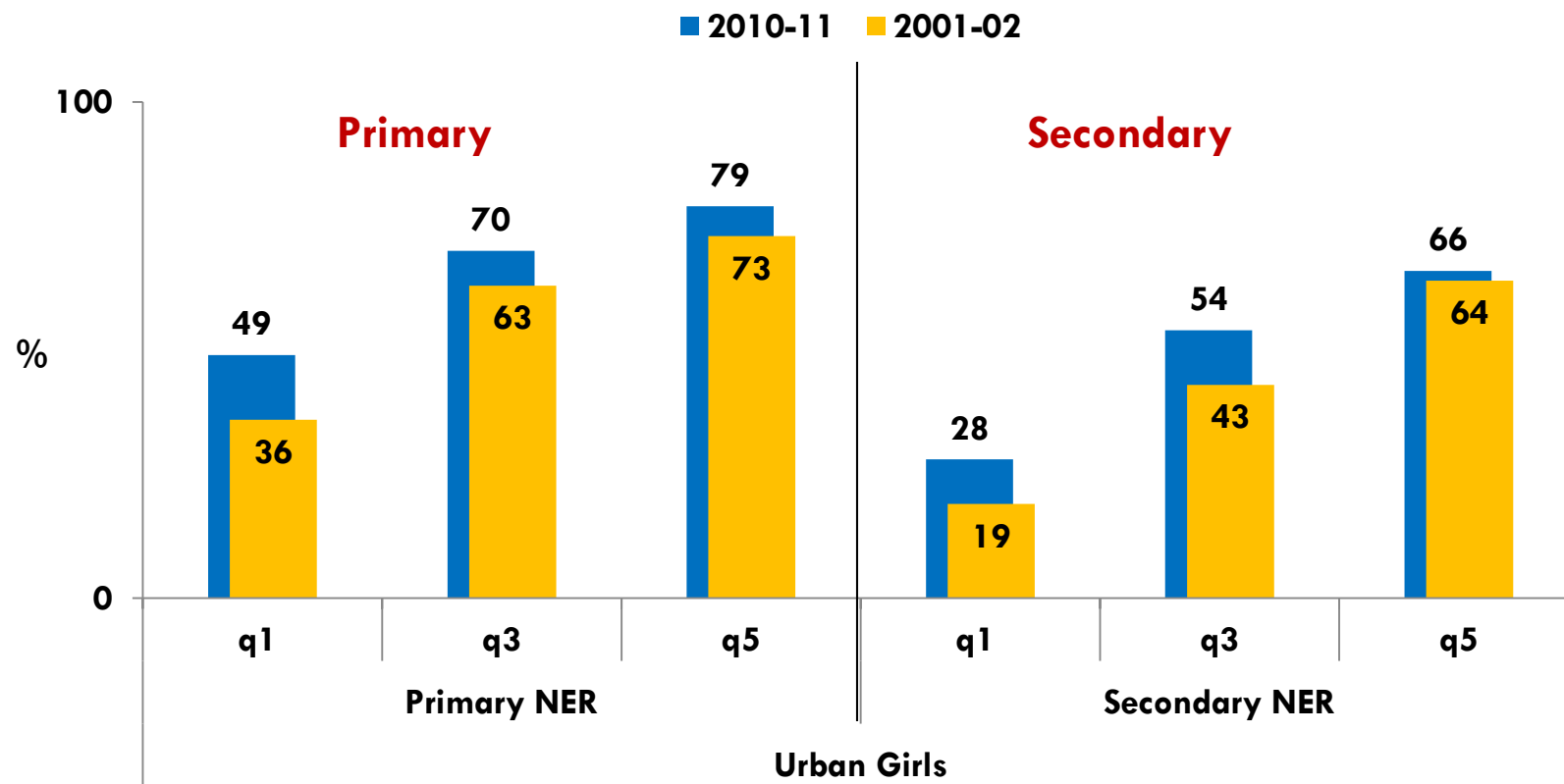
Source: PIHS/PSLMS Series

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WHAT'S POVERTY GOT TO DO WITH IT?

In urban areas improvements in girl's primary enrollment across the board-for secondary schooling more change in lower income groups

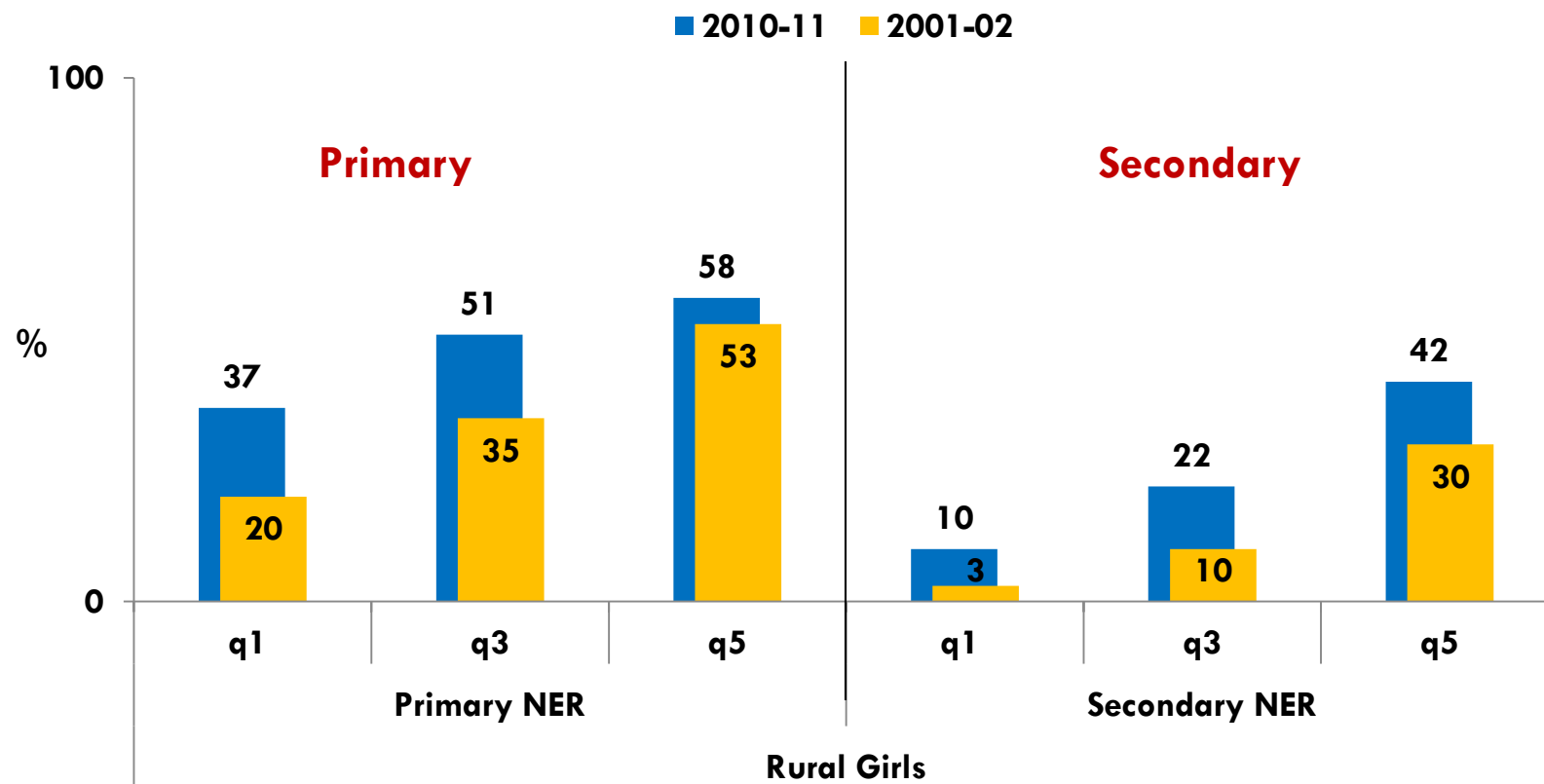
14



Source: PIHS 2001-02 & PSLMS 2010-11
q1, the poorest quintile and q5, the richest quintile

In rural areas girl's primary enrollment improvement in lower income groups and for secondary in higher income groups

15

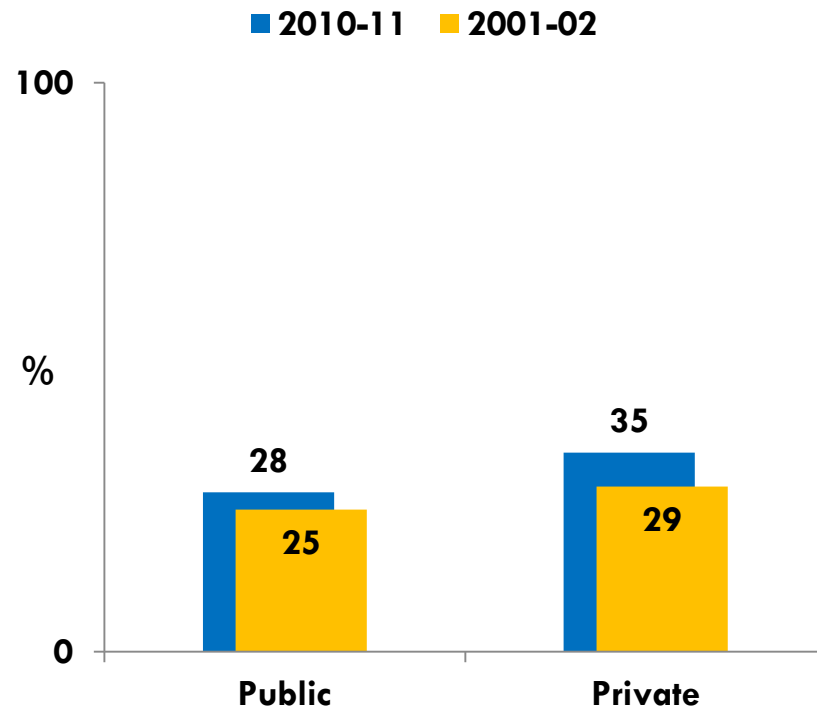


Source: PIHS 2001-02 & PSLMS 2010-11
q1, the poorest quintile and q5, the richest quintile

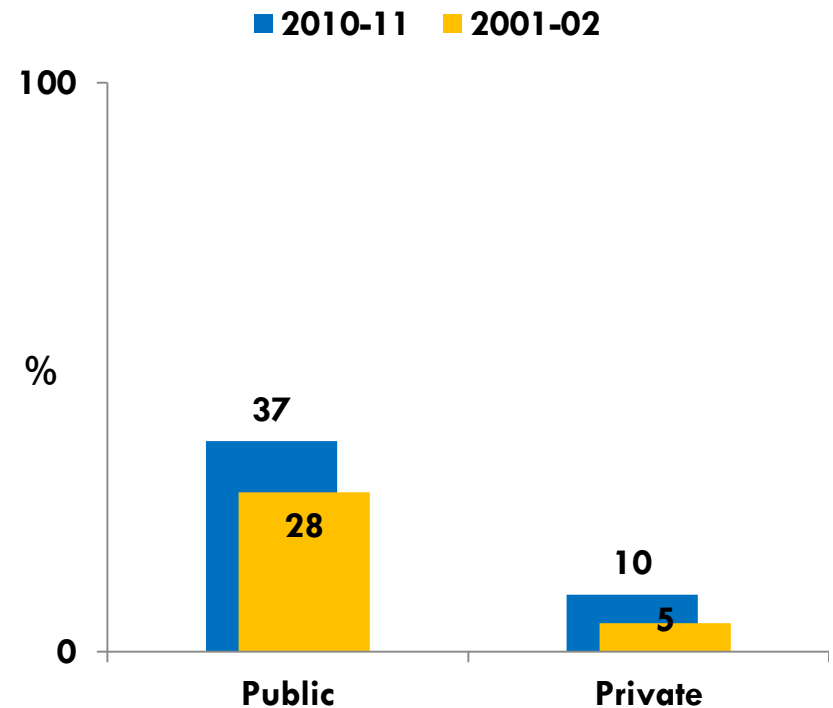
Has private schooling contributed to the increase in primary enrollments?

16

Urban



Rural

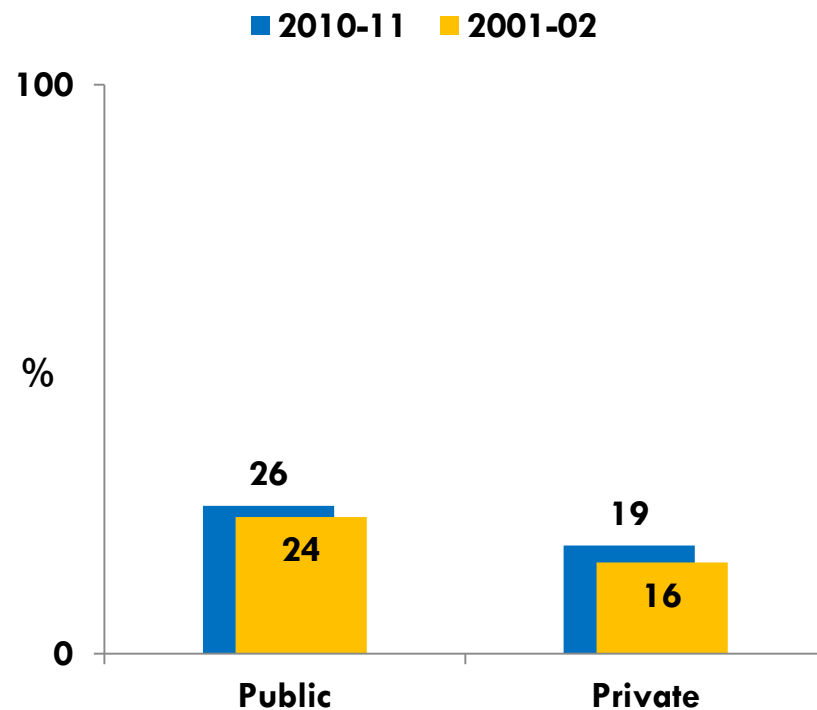


Source: PIHS 2001-02 & PSLMS 2010-11

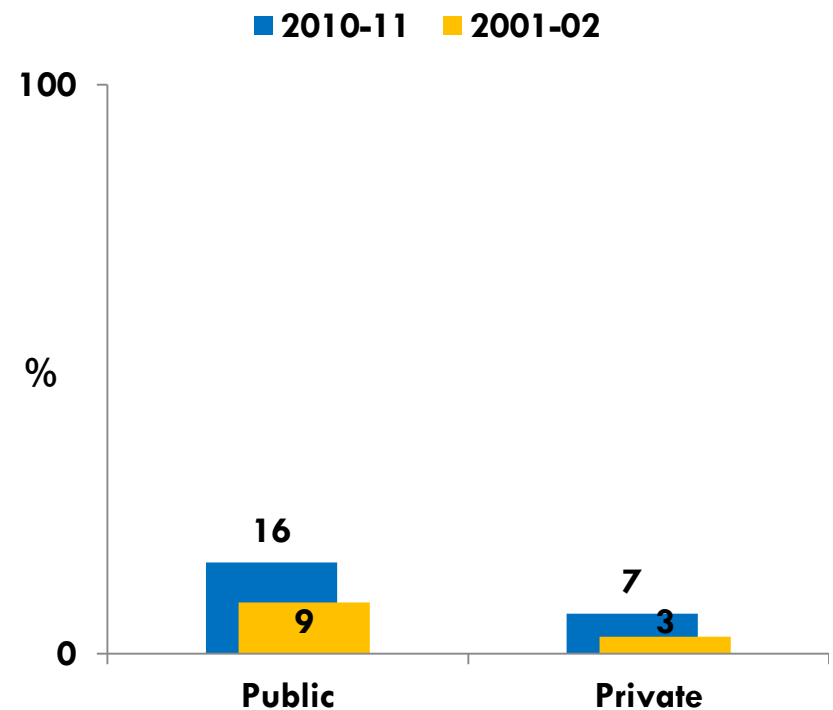
Has private schooling contributed to the increase in secondary enrollment for girls?

17

Urban



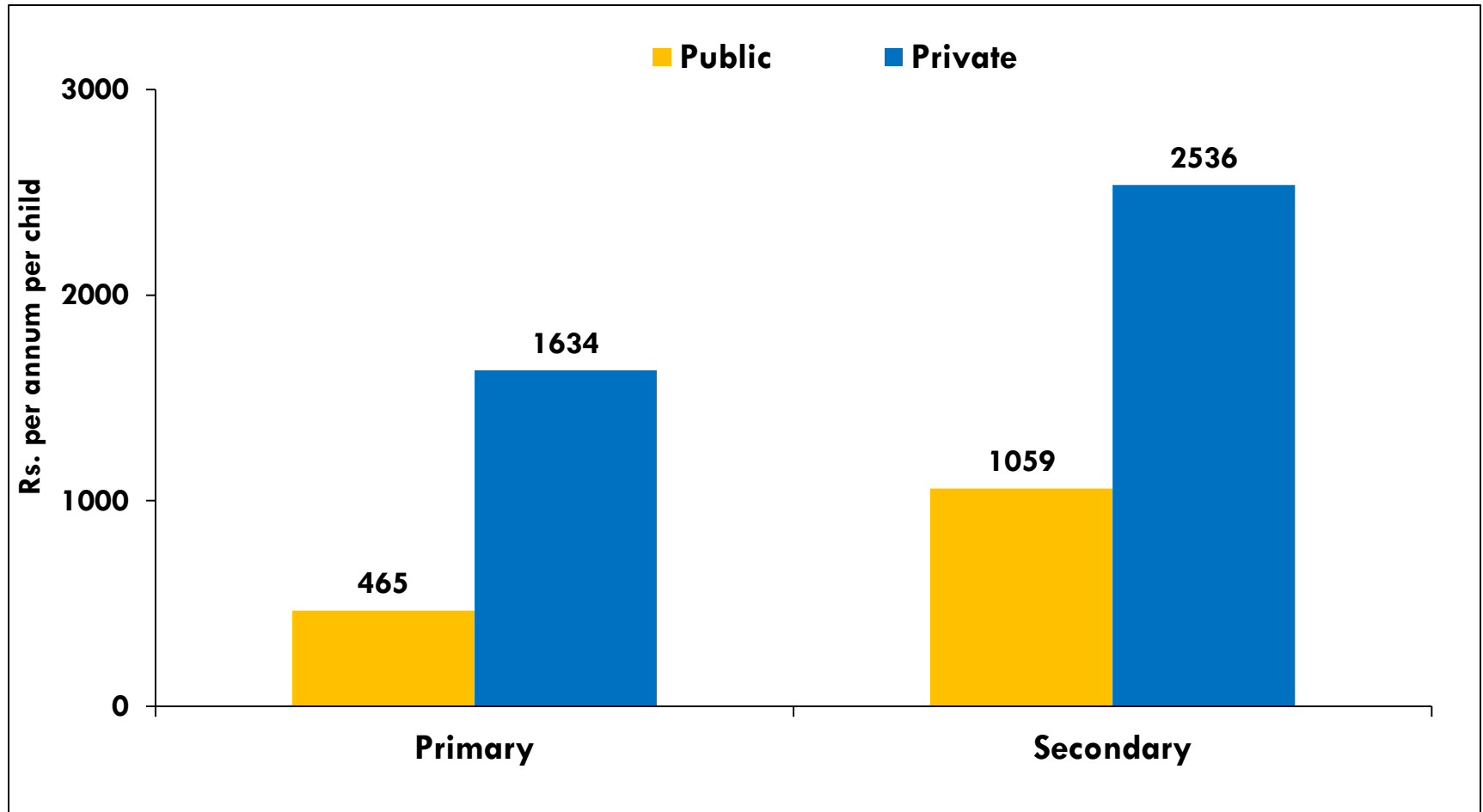
Rural



Source: PIHS 2001-02 & PSLMS 2010-11

Costs of private and public schools for girls 2008- are the costs for private schooling prohibitive?

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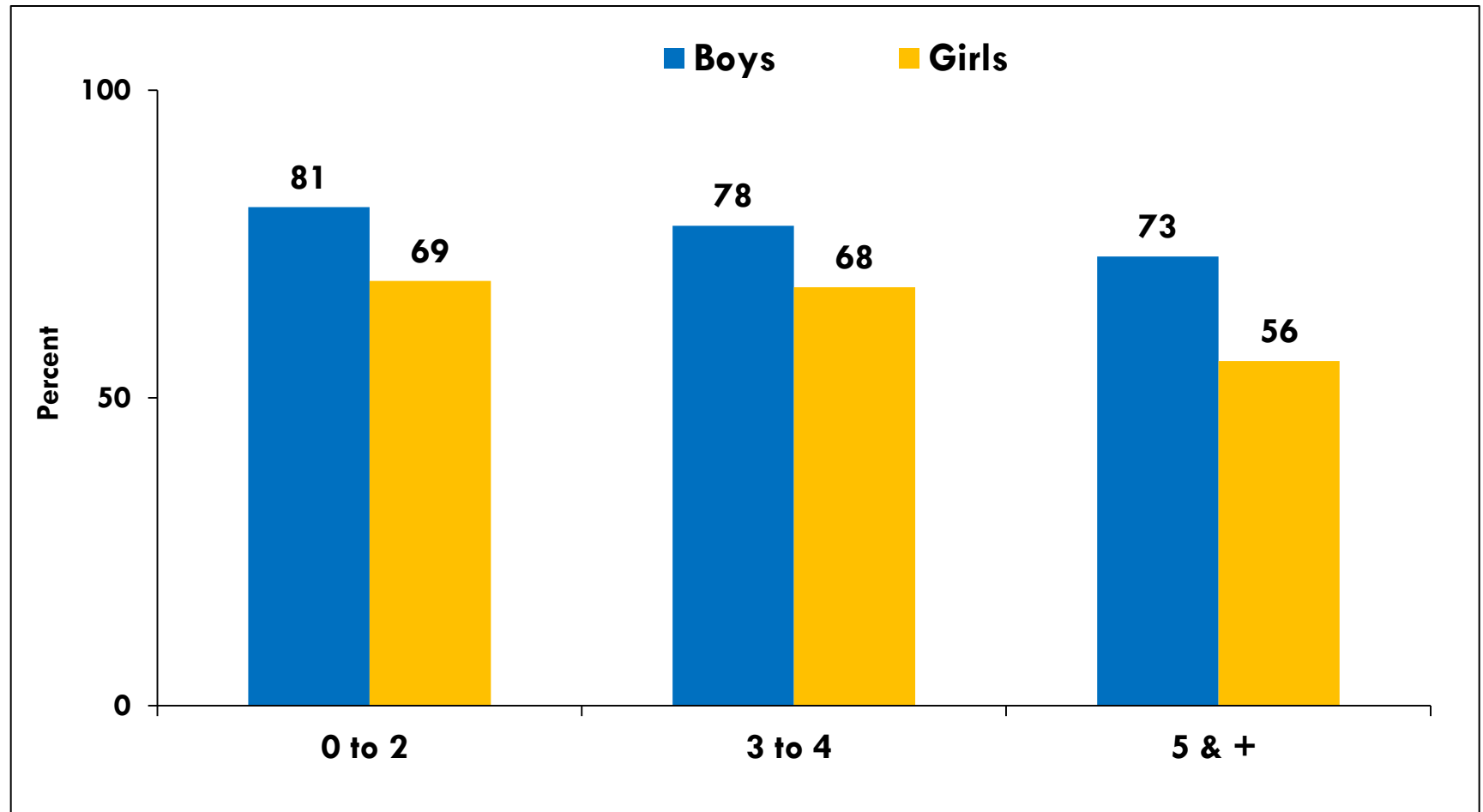
Source: PSLMS 2007-08

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WHAT'S FERTILITY GOT TO DO WITH IT?

Children aged 10-14, Especially Girls, who Belong to Households with Fewer Children are More Likely to Go to School

20

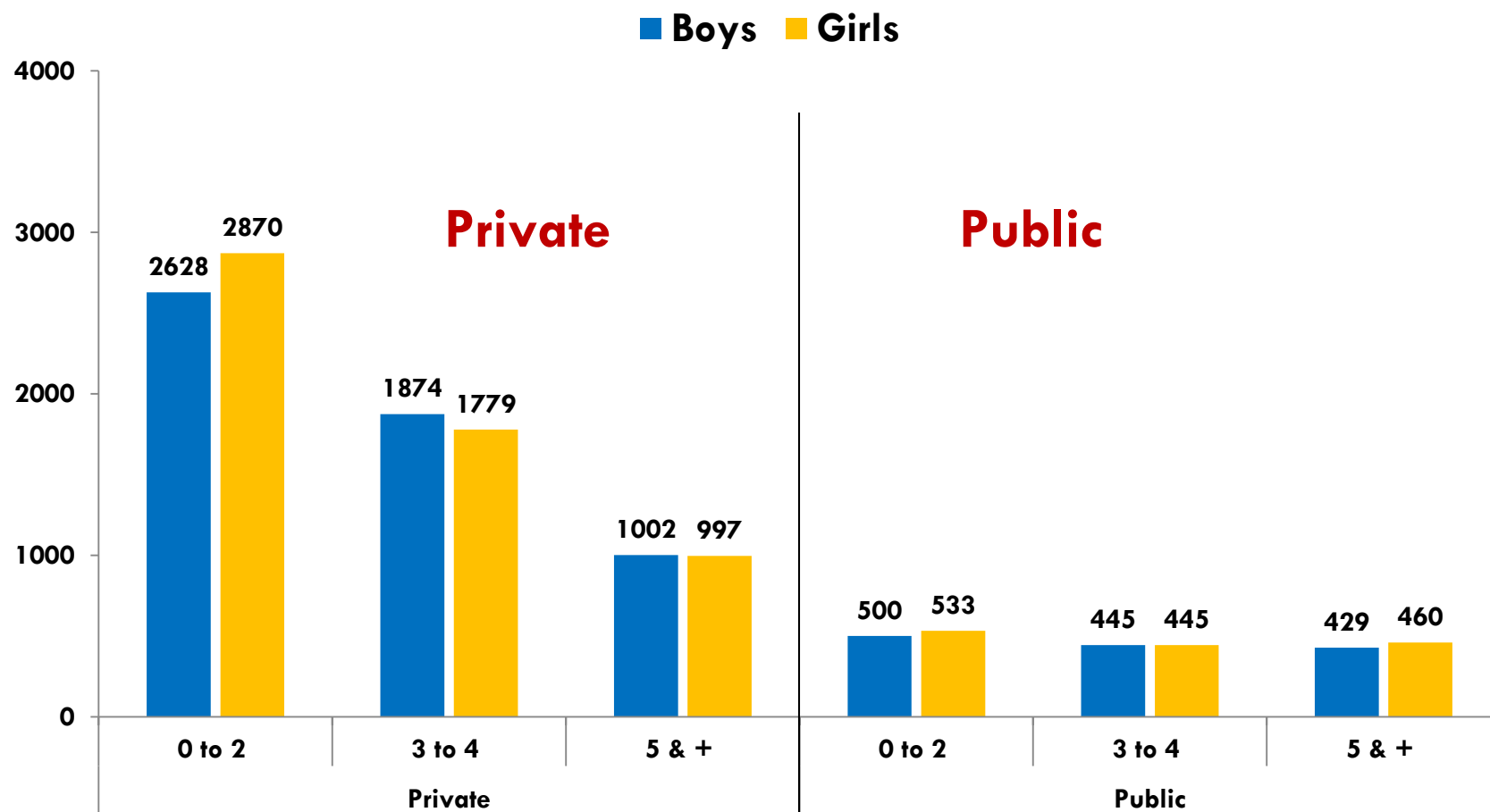


Source: PSLMS 2010-11

Households Spending on Secondary Education

Private vs. Public

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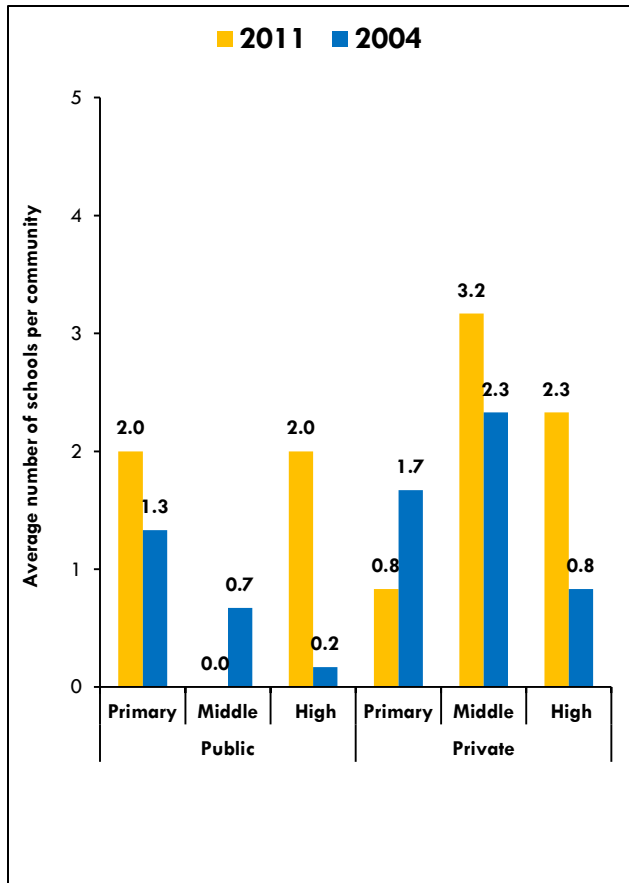
Source: PSLMS 2007-08

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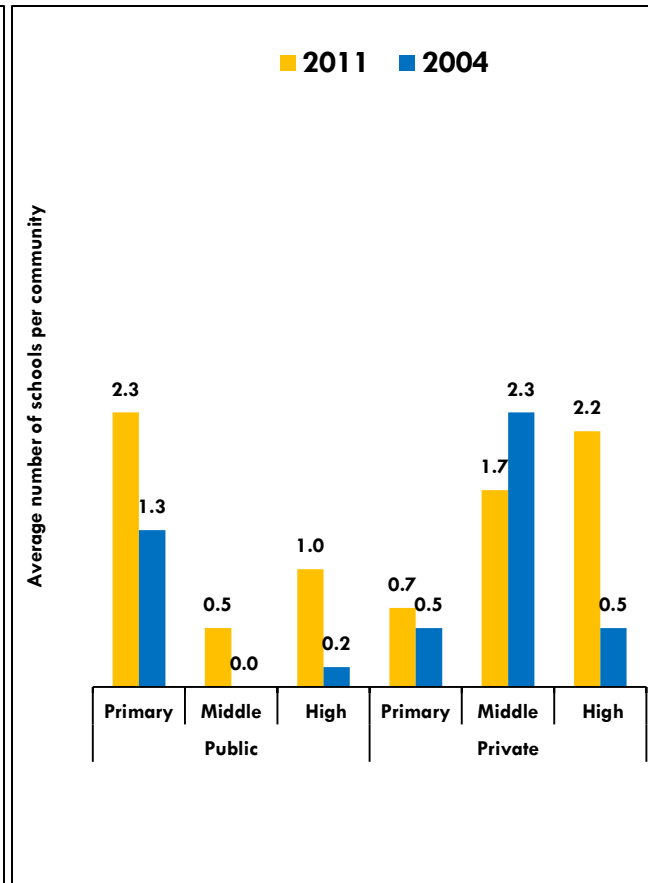
WHAT'S ACCESS TO DO WITH IT?

Access improved in Punjab and KP-Sindh lags behind : Average number schools for girls per community by type

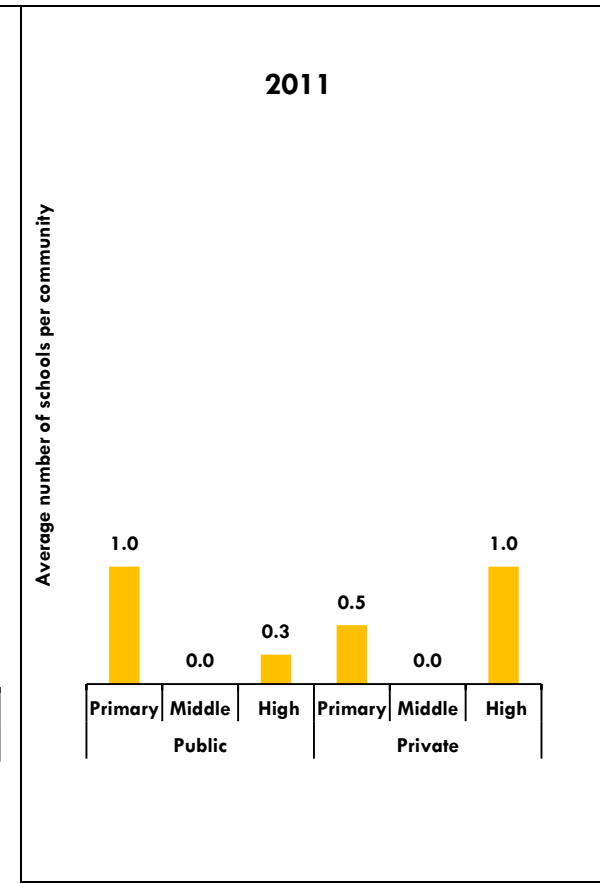
Punjab



KPK



Sindh

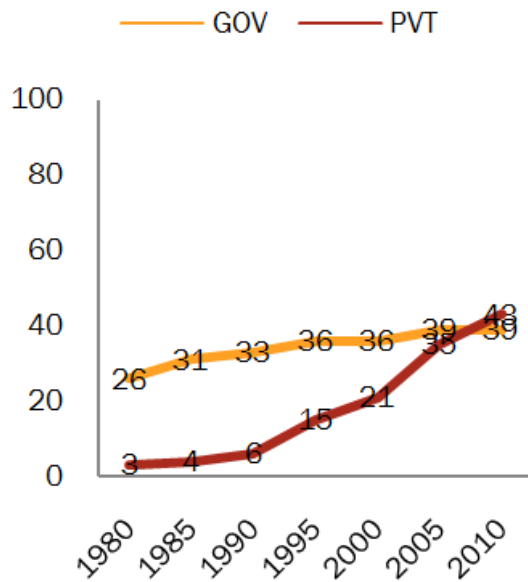


Source: Girls Schooling Study 2012 by Population Council

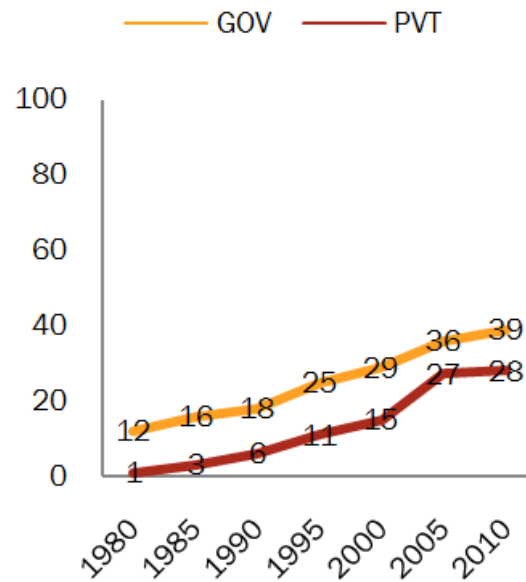
Trends in Availability of Schools by Type, Province and Date of Availability-16 communities

By Government/Private School

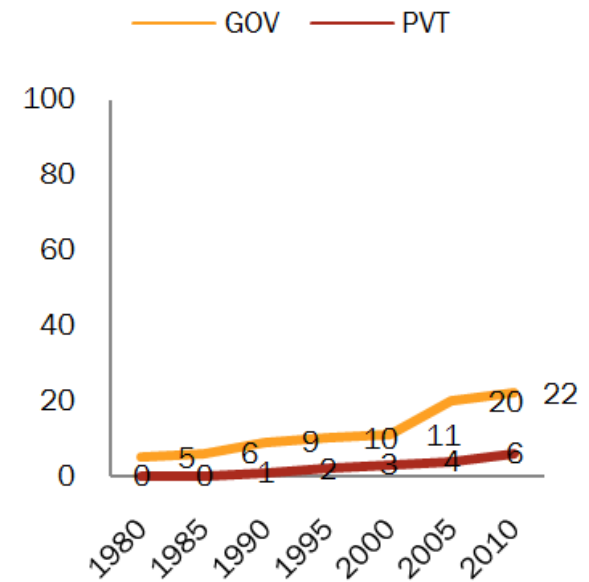
Number of schools by Gov/Pvt (Punjab)



Number of schools by Gov/Pvt (KPK)

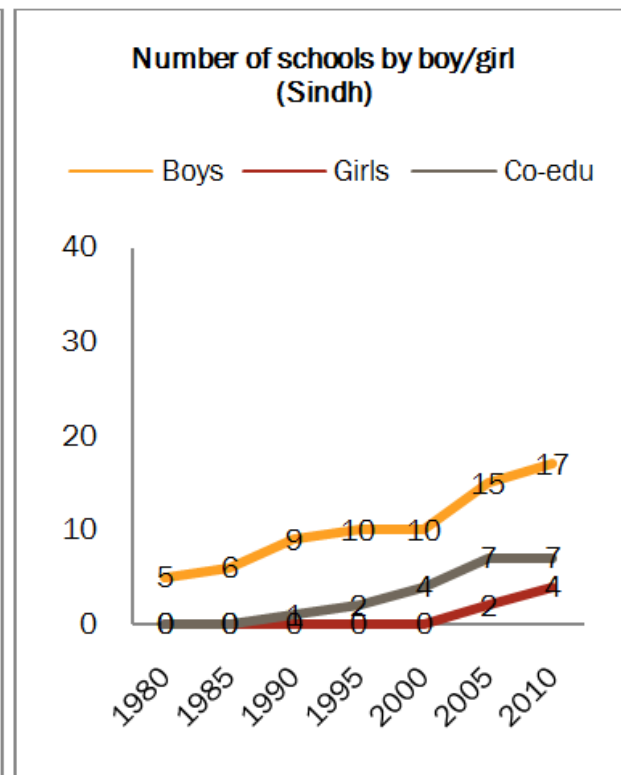
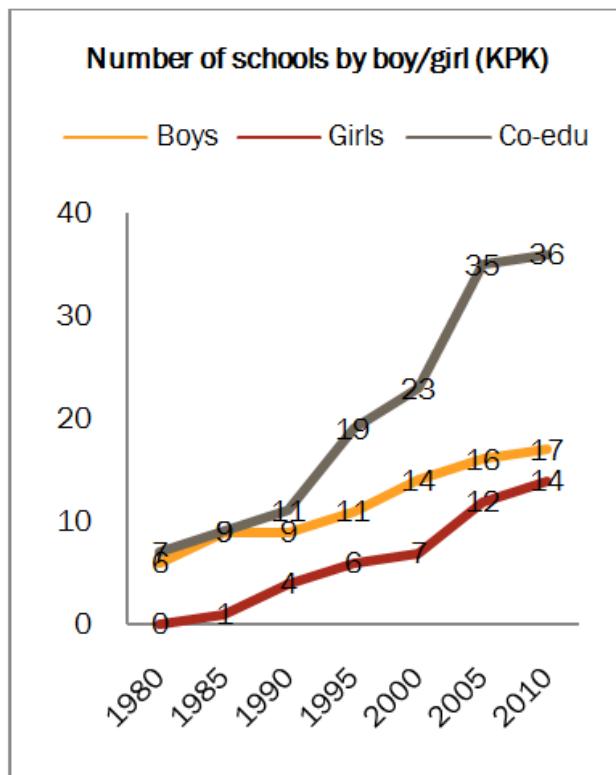
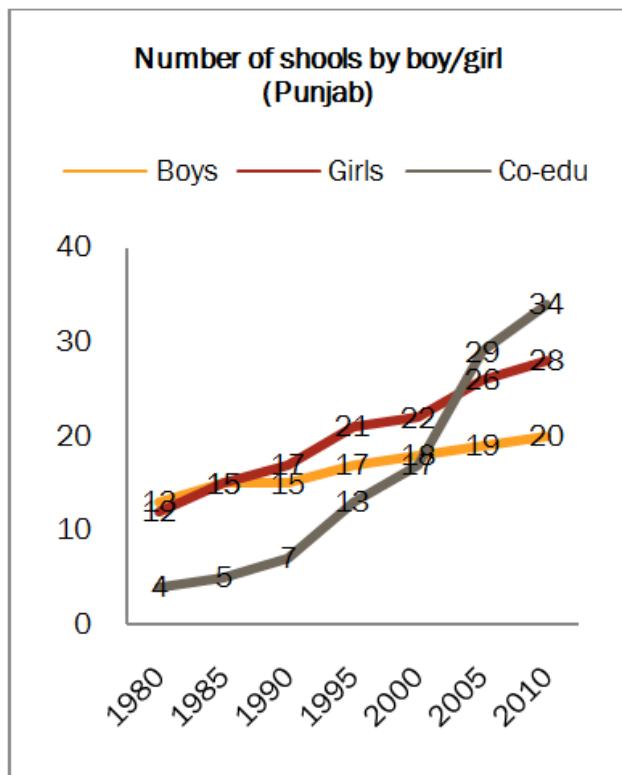


Number of schools by Gov/Pvt (Sindh)



Trends in Availability of Schools by Boy/ Girl School, Province and Date of Availability-16 communities

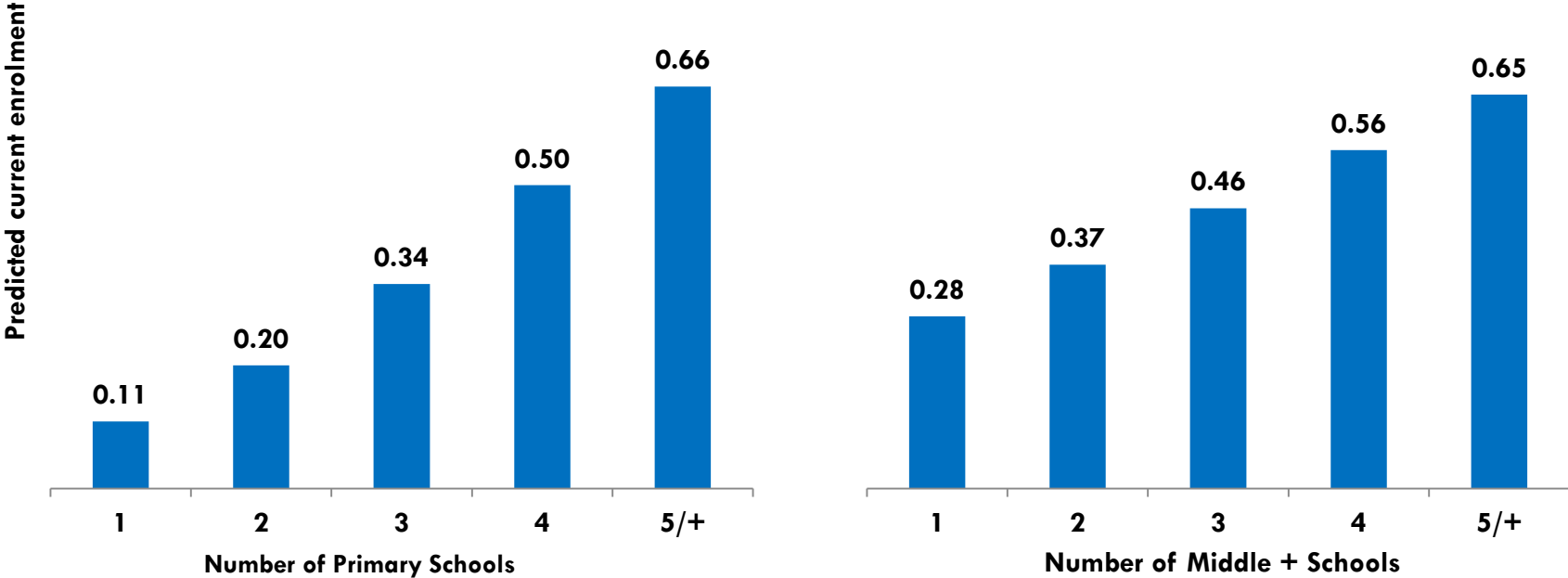
By Boys/Girls School



Predicted Probability of Current Enrolment by Numbers of Girl's Schools (Controlling Province and SLI)

Girls 5-9

Girls 10-14

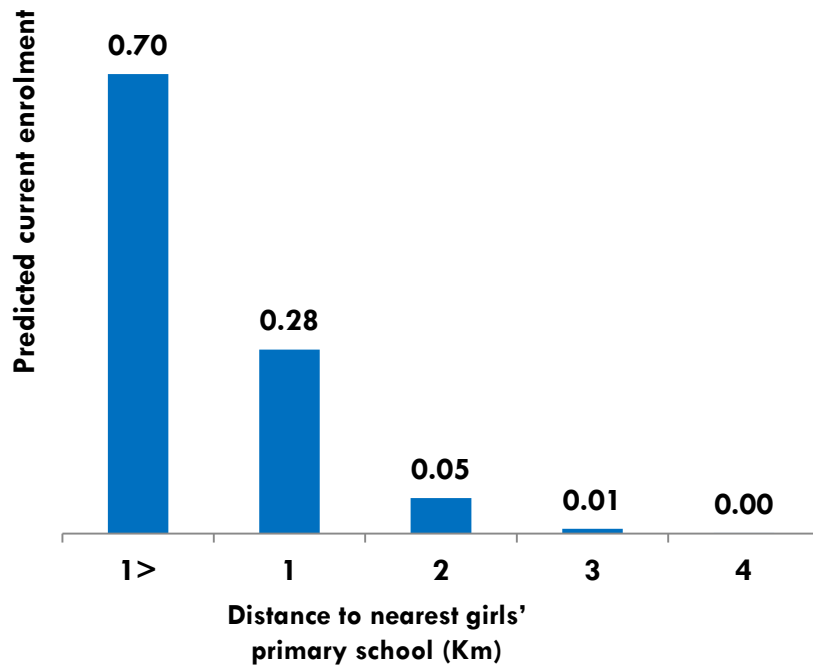


Source: Girls Schooling Study 2012 by Population Council

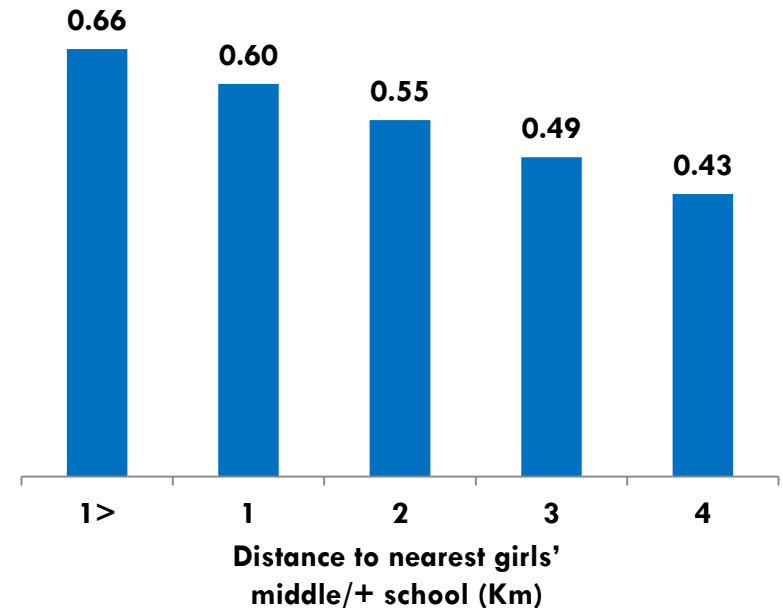
Predicted Probability of Current Enrolment by Nearest Distance to Girl's Schools (Controlling Province and SLI)

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Girls 5-9



Girls 10-14



Multinomial Regression coefficients for girls schooling (Public, private school) omitted category not attending

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Public school attending

Variables	Coefficients	
	Girls 5-9	Girls 10-14
Not Currently Attending (base outcome)		
Province (Punjab)		
Sindh	-0.93	-1.10
KPK	-0.38	-0.23
Balochistan	-1.17	-1.17
Region (Rural)	-0.40	-1.00
Quintile		
2	0.50	0.61
3	0.73	0.65
4	0.99	0.89
(Richest) 5	1.11	0.99

Private school attending

Variables	Coefficient	
	Girls 5-9	Girls 10-14
Not Currently Attending (base outcome)		
Province (Punjab)		
Sindh	-1.39	-1.17
KPK	-1.04	-0.84
Balochistan	-3.55	-4.08
Region (Rural)	-1.57	-1.72
Quintile		
2	0.94	0.99
3	1.60	1.61
4	2.52	2.25
(Richest) 5	3.26	2.83

All coefficients are significant at 95%
5-9 Girls=7616 & 10-14 Girls=6603

Source: PSLMS 2010-11

THANKS!