



# The Intersection of Adolescent Depression and Peer Violence: Baseline Results from a Randomized Controlled Trial of 1,752 Youth in Pakistan

Dr. Nargis Asad



# Research Team

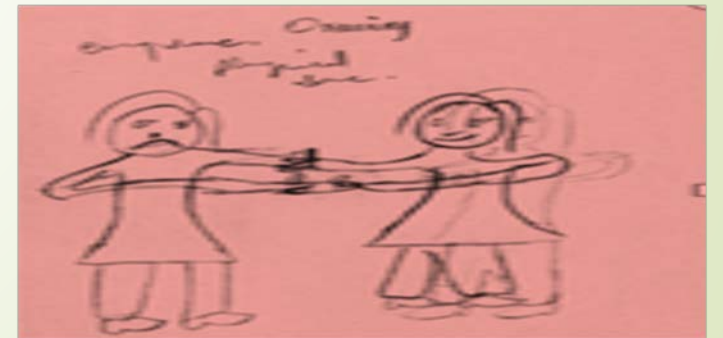
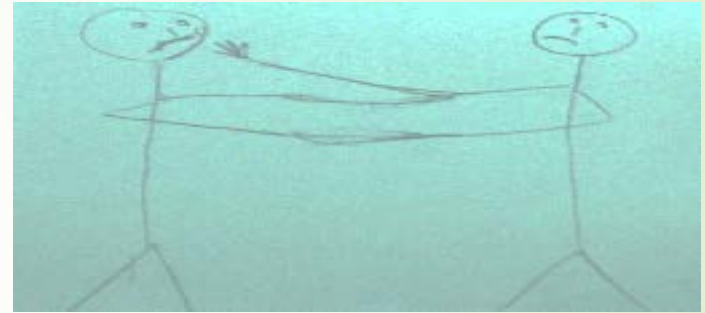
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Acknowledgement to:

Right To Play: Especially Atta Muhammad & Iqbal Jatoi & Fabulous Intervention Team. ▶

40 Participating Schools, Teachers and 1,752 Children. ▶





**Special Acknowledgement to  
Schools and children**



# ROAD MAP



Background

Objectives

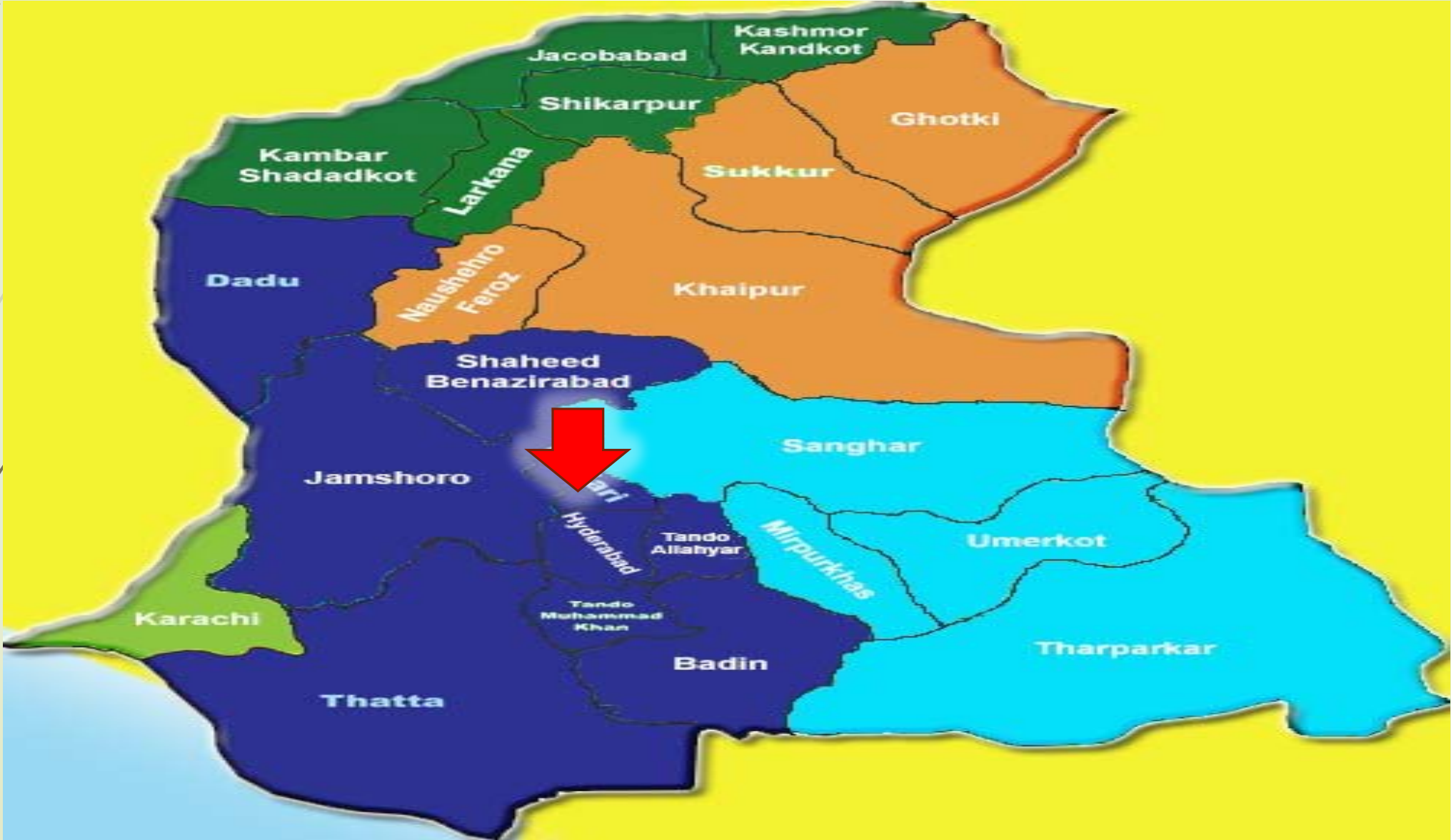
Methodology

Results

Discussion

Key messages

# Hyderabad, Sindh, PAKISTAN





Mian Ghulam Nabi Kalhoro Tomb



University of Sindh Campus



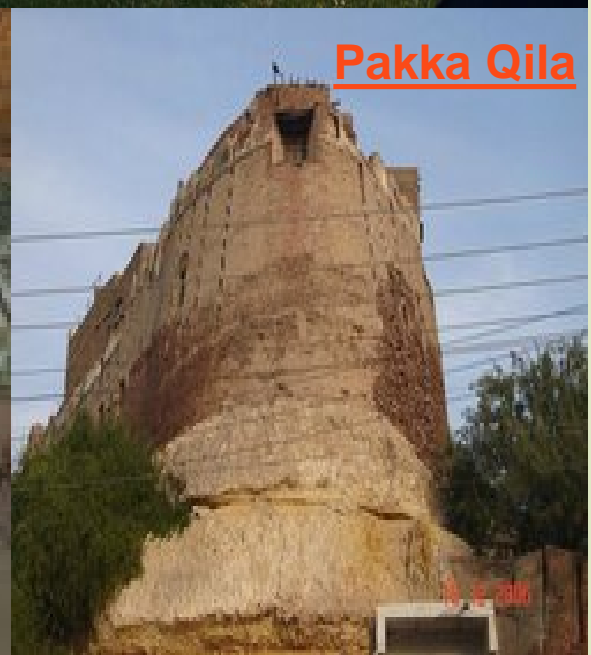
Market Tower (Ghanta Ghar)



Rani Bagh



Sindh Museum



Pakka Qila

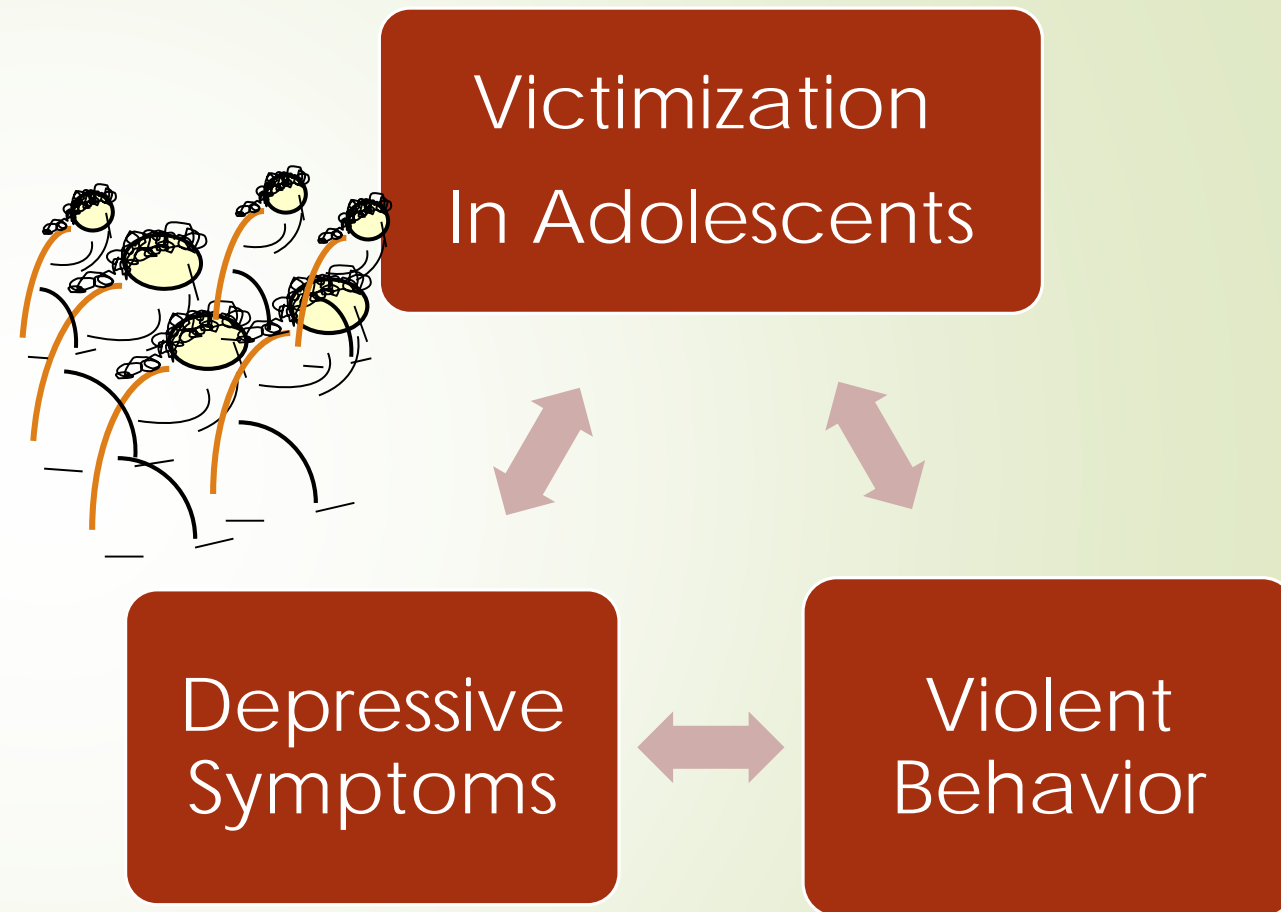
## Research Speaks!



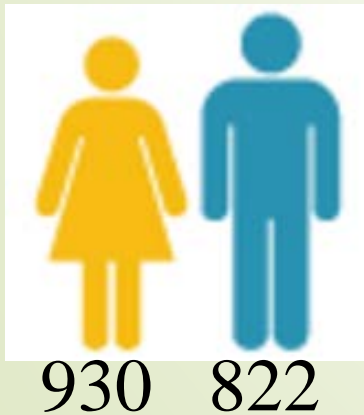
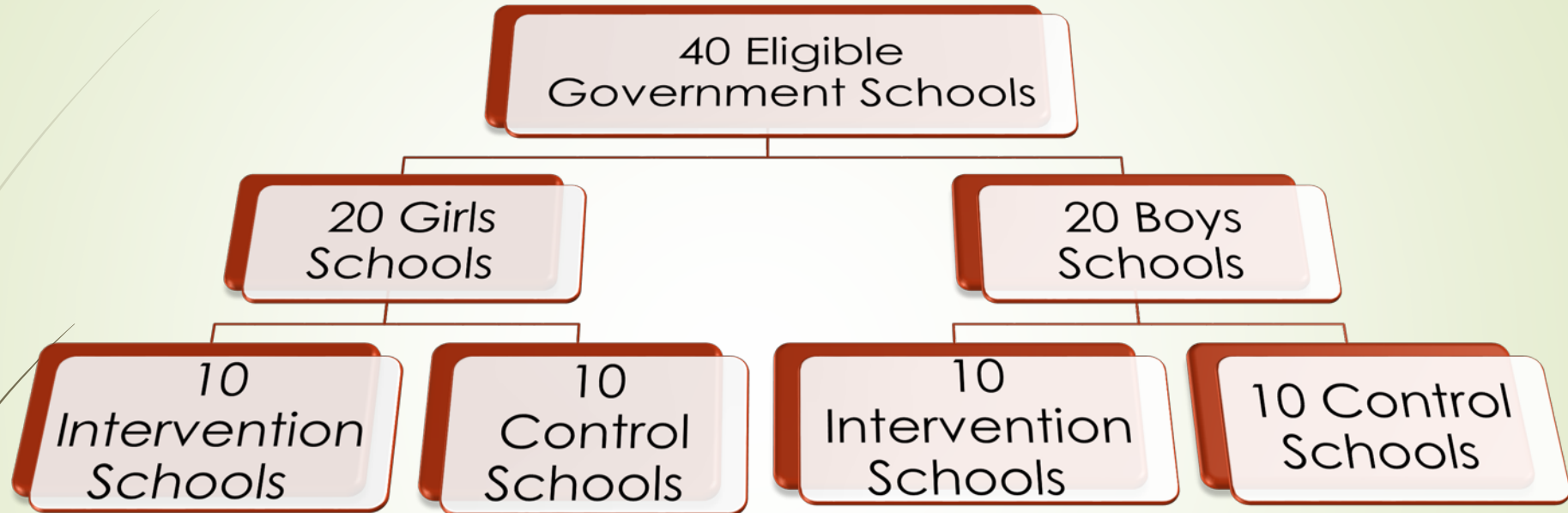
Adolescent depression is between 15 to 20%.



Global suicide rates for 15-19 years was 7.4/100,000. (2012)



# Baseline Results from A Randomized Controlled Trial of 1,752 Youth in Pakistan



Age: 11 to 14





## Objectives:

- To describes the prevalence of youth depression,
  - by gender
  - its association with peer youth victimization and perpetration
  - family characteristics
  - gender attitudes and
  - youth academic performance
- among 6<sup>th</sup> graders attending public schools in Pakistan.

# Measures

10

The Children's Depression Inventory 2 (CDI-2)

- 28 items

The Peer Victimization Scale (PVS)

- 16 Items

The Peer Perpetration Scale (PPS)

- 16 items

School Performance

- 7 items

Corporal Punishment at School

- 6 items

The number of absences from school

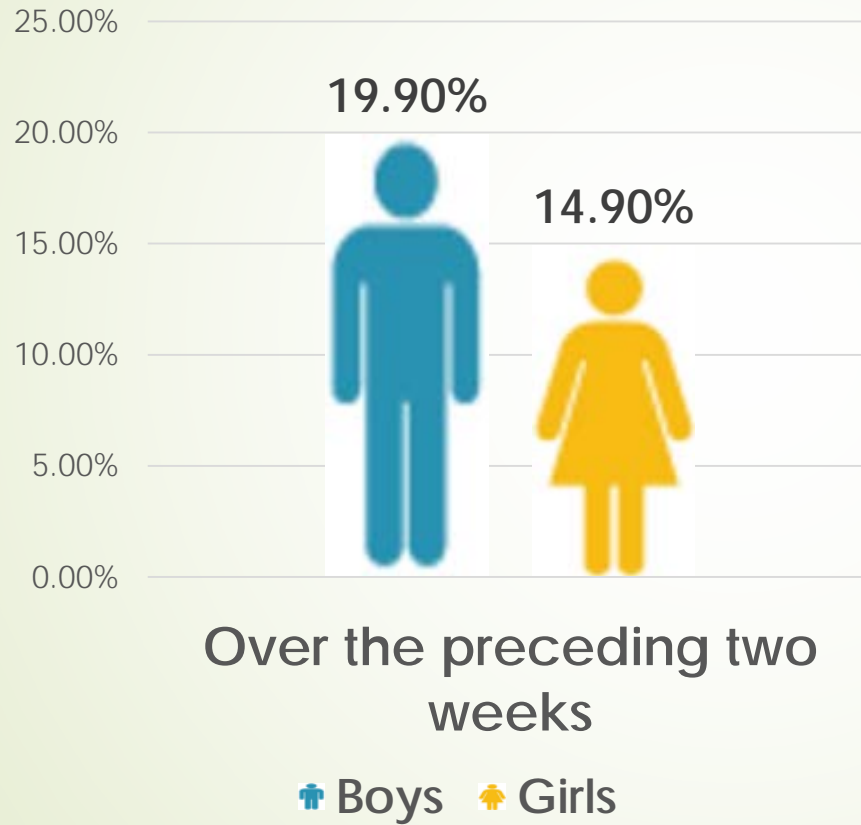
- The reasons for the absences recorded.

# Results

11



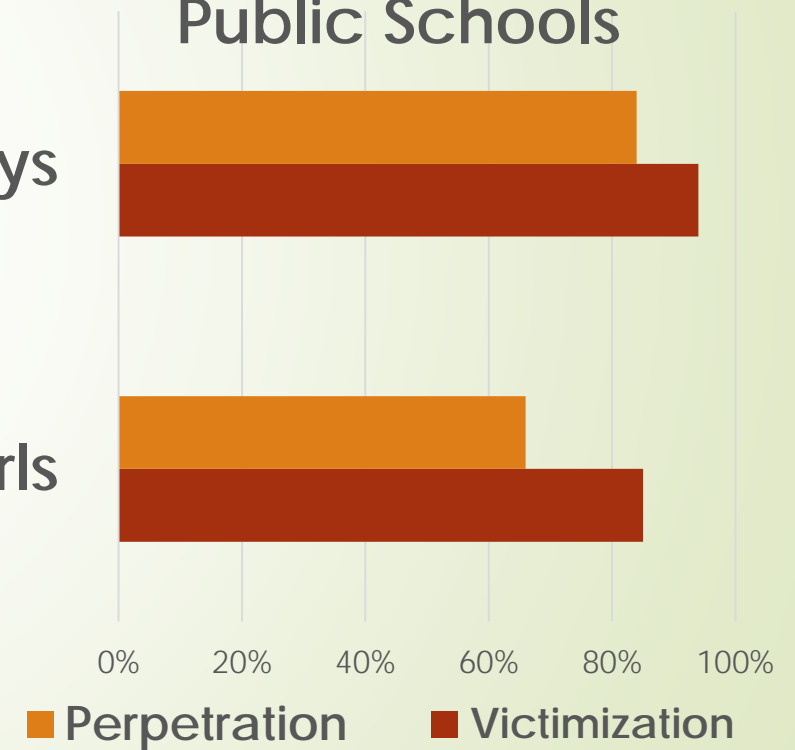
## Depression



## Peer Violence Over last 4 Weeks in 40 Public Schools

Boys

Girls



**Generalised Linear Mixed Model results of factors associated with depression score for boys and g**

12

	BOYS					GIRLS				
	95 % Conf. Interval					95 % Conf. Interval				
	$\beta$	LCL	UCL	p-value	$\beta$	LCL	UCL	p-value		
Age	0.51	0.13	0.94	0.01	-2	-2.01	-1.23	<0.001		
Hunger score	1.9	1.34	2.48	<0.001	1.3	0.77	1.89	<0.001		
School Performance	-1.36	-1.88	-0.85	<0.001	-1	-1.46	-0.87	<0.001		
Missed school due to work for money	2.84	0.53	5.15	0.016						
Peer victimisation/perpetration										
None										
Victimisation					3.5	1.94	4.98	<0.001		
Any perpetration					4	2.48	5.42	<0.001		
Corporal Punishment at home	1.69	0.42	2.95	0.009	1.8	0.52	3.14	0.003		
Father fights with other men					1.5	0.07	2.94	0.039		
Mother hit by father	3.95	1.6	6.36	<0.001	3.1	0.72	5.4	0.01		
Mother beaten by relatives	6.81	3.84	9.78	<0.001						

NB: Both models adjusted for school

# Adolescent Depression and Peer Violence Intersection



# Key Message: 1

- ▶ Engaging in peer violence
- ▶ Exposure to family violence
- ▶ Experience of corporal punishment
- ▶ Child labour
  - ▶ are risk factors for negative mental health outcomes



## Key Message: 2



- Absence of intervention in early school age leads to adult psychological morbidity and mal -adaptiveness

## Key Message: 3



- School based mental well-being programs
- Comprehensive family programs for positive parenting and addressing violence issues
- Poverty reduction



Rural



Urban

