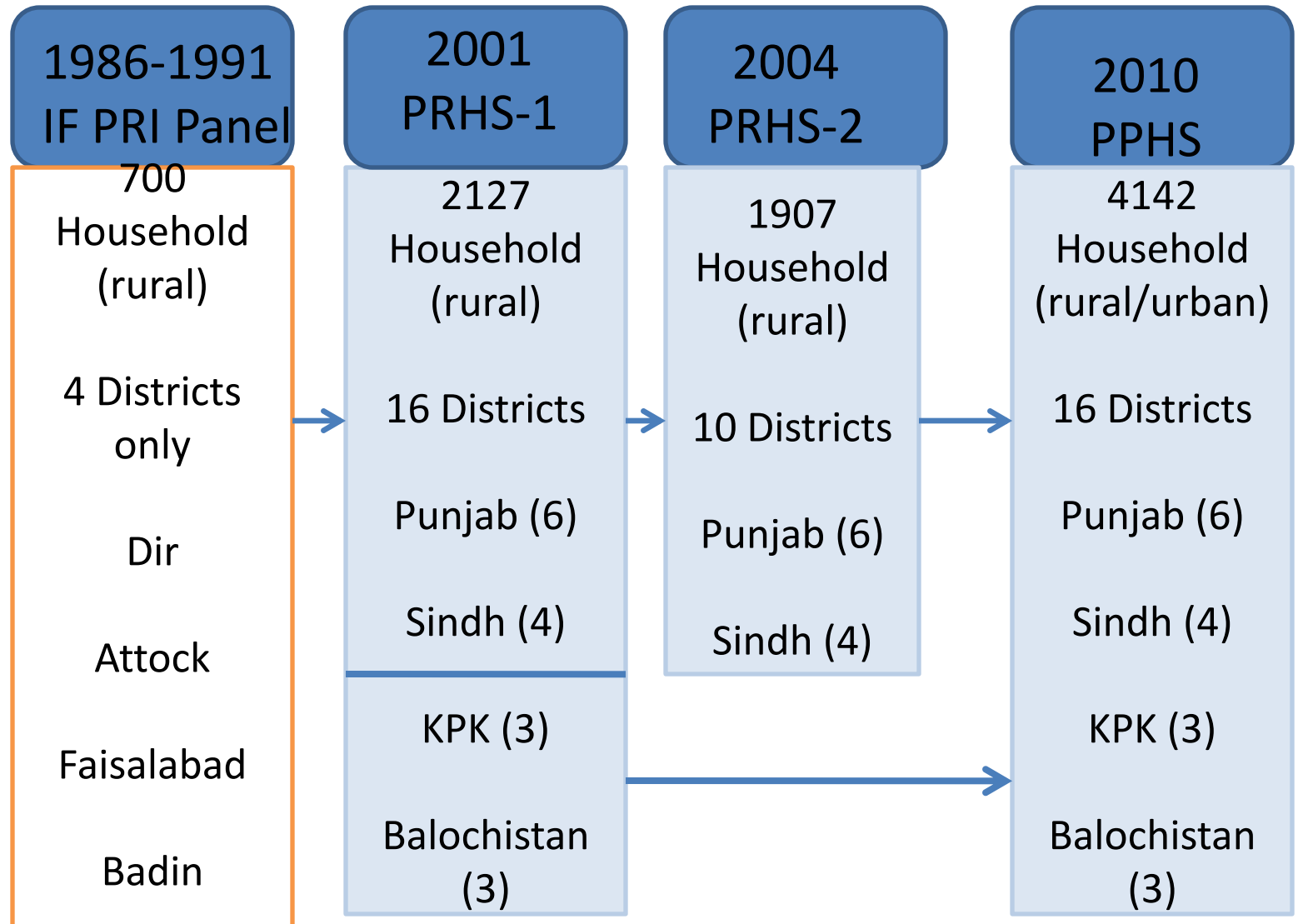
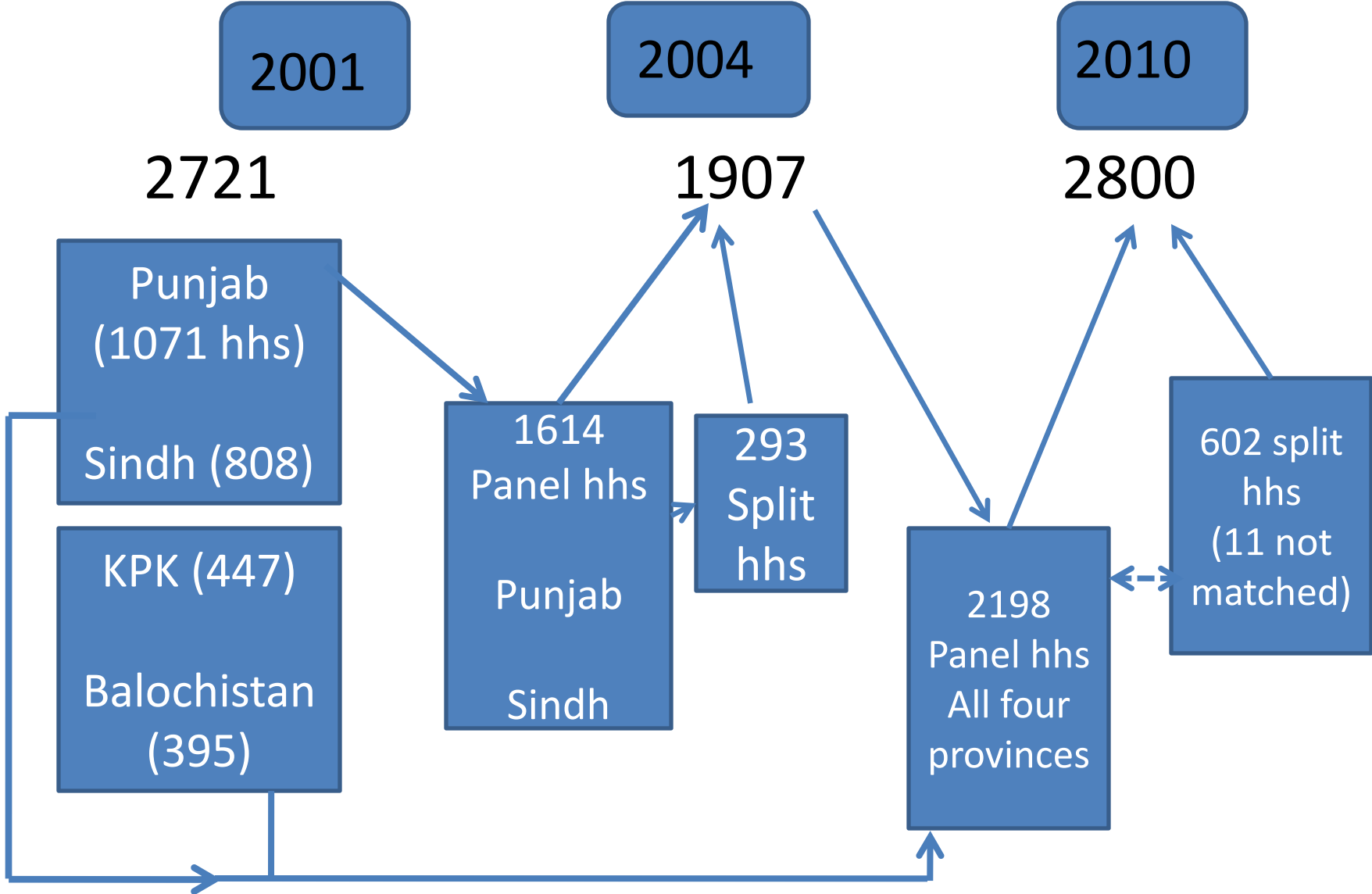


**Pakistan Panel Household Survey (PPHS):
Sample Size, Attrition and
Research Potential**

Sample



Pakistan Panel Household Survey: Rural Sample



Households Covered during the Three Rounds by Province

	PRHS 2001	PRHS 2004			PPHS 2010				
	Rural only	Rural only			Rural				
		Panel HHs	Split HHs	Total	Panel HHs	Split HHs	Total HHs	Urban HHs	Total sample
Pakistan	2721	1614	293	1907	2198	602	2800	1342	4142
Punjab	1071	933	146	1079	893	328	1221	657	1878
Sindh	808	681	147	828	663	189	852	359	1211
KPK	447	-	-	-	377	58	435	166	601
Balochistan	395	-	-	-	265	27	292	160	452

Sample Attrition Rates Panel households- Rural

Province	Between 2001 and 2004	Between 2001 and 2010	Between 2004 and 2010
Pakistan	14.1	19.6	24.9
Punjab	12.9	17.1	23.8
Sindh	15.7	18.3	26.2
KPK	—	16.1	—
Balochistan	—	33.2	—

Determinants of Attrition

Correlates (2001/02	Model 1	Model 2	Model 3	Model 4	Model 5
Log Per capita consumption	-0.277***	-0.333***	-0.344***	-0.354***	-0.152***
Log household size		-0.257***	-0.171	-0.169	0.193
Households with 1 or 2 family members only (yes=1)			0.445	0.426	0.819**
Age of head of household				-0.000972	-0.000206
Age-square of head of household				1.10e-05	2.69e-05
Female headed households				0.415	0.300
Literacy of the head				0.00288	0.00868
Livestock owned (yes=1)					-0.0801
land owned (yes=1)					-0.515***
Provinces (Punjab as ref.)					
Sindh					0.0504
KPK					-0.00605
Balochistan					0.937***
Constant	0.494	1.370**	1.264*	1.329*	-0.781
Observations	2,710	2,710	2,710	2,710	2,237

Standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Correlates of Poverty: Logistic Regression Model 2001-2010

Variables	Full Sample	Always in Non-attritors
Age	-0.0122	-0.0235
Age Sq	5.31e-05	0.000139
Literacy	-0.553***	-0.528***
Family Size	1.156***	1.290***
Land Ownership	-0.680***	-0.687***
Livestock	-0.501***	-0.528***
Own House	0.145	0.114
Constant	-1.740***	-1.687***
Observations	2,237	1,829

Standard errors in parentheses
 *** p<0.01, ** p<0.05, * p<0.1

Household Expenditure: OLS Regression Model 2001-2010

Variables	Full Sample	Always in Non-attritors
Age	0.00719*	0.00851*
Age Sq	-2.89e-05	-3.89e-05
Literacy	0.191***	0.183***
Family Size	-0.385***	-0.405***
Land Ownership	0.217***	0.216***
Livestock	0.128***	0.126***
Own House	-0.0312	-0.0378
Constant	7.064***	7.085***
Observations	2,237	1,829

Standard errors in parentheses

*** p<0.01 ** p<0.05 * p<0.1