Supplementary Table 1 Analytic sample representing children of adolescent mothers in last three years preceding the date of respective surveys by selected background variables, National family Health Survey (NFHS), 1990-2006.

Socioeconomic and demographic variables	NFHS 1 (1990-93)		NFHS 2 (1996-99)		NFHS 3 (2003-06)		p-value
	%	N	%	N	%	N	
Mother's age at child birth							<0.001
<18	34.4	1,528	36.2	1,527	27.0	764	
18-19	65.6	3,137	63.8	2,938	73.0	2,270	
Area of residence							0.516
Rural	82.9	3,750	84.2	3,653	81.8	2,150	
Urban	17.1	915	15.8	812	18.2	884	
Mother's education							<0.001
Illiterate	66.6	3,008	58.3	2,542	45.2	1,238	
Literate or below primary	7.5	358	10.2	448	9.1	304	
Primary	14.2	688	16.0	736	23.7	714	
Middle	7.1	375	9.5	462	13.6	490	
High school and above	4.7	236	6.0	277	8.4	288	
Father's education							<0.001
Illiterate	38.5	1,729	31.6	1,347	29.0	830	
Literate or below primary	9.6	427	10.0	446	9.2	280	
Primary	16.9	800	17.4	796	19.1	600	
Middle	13.7	688	16.5	793	19.3	610	
High school and above	21.2	1,021	24.5	1,083	23.4	714	
Social group							<0.001
SC	13.8	652	21.9	929	25.2	664	
ST	11.1	649	10.9	646	11.4	483	
Other than SC and ST	75.1	3,364	67.3	2,850	63.4	1,743	
Wealth quintile							<0.001
Poorest	25.5	1,095	28.3	1,125	26.3	666	
Poorer	25.7	1,141	31.5	1,323	28.1	784	
Middle	21.5	1,020	20.8	987	22.8	735	
Richer	13.3	706	11.7	609	16.3	578	
Richest	14.0	703	7.7	421	6.4	271	
Religion							0.456
Hindu	81.4	3,673	80.3	3,469	81.3	2,250	
Muslim	14.9	667	16.6	724	15.7	513	
Others	3.7	325	3.1	272	3.0	271	
Mother's working status							<0.001
Not working	72.5	3,362	68.8	3,137	76.0	2,333	
Working at home	3.7	176	4.5	212	5.4	163	
Working away from home	23.9	1,127	26.7	1,116	18.5	538	
Mother's mass-media exposure							<0.001
No exposure	51.0	2,328	48.2	2,122	33.9	867	
Any exposure	49.0	2,337	51.9	2,343	66.2	2,167	
Parity							0.007
1	72.4	3,448	70.9	3,058	75.3	2,306	
2	23.5	1,042	24.9	1,026	21.6	634	
3+	4.1	175	4.2	164	3.1	94	
Birth order & interval							0.012
Birth order 1	67.6	3,225	66.5	3,024	71.0	2,192	
Birth order 2+; interval <=24 months	14.5	658	15.4	682	13.5	414	
Birth order 2+; interval >24 months	17.9	782	18.2	759	15.5	428	
Sex of the child							0.581
Female	48.9	2,299	47.7	2,102	47.9	1,488	
Male	51.1	2,366	52.3	2,363	52.1	1,546	
Status of the child							0.002
Wanted	82.6	3,838	85.8	3,827	85.6	2,562	
Unwanted	17.4	827	14.2	631	14.4	472	
Region							<0.001

North	9.2	803	8.1	703	8.4	335
Central	23.5	1,014	29.9	1,176	24.9	683
East	23.5	917	22.6	878	33.8	722
North-east	4.2	467	3.5	479	3.8	480
West	15.9	508	13.8	448	12.0	307
South	23.8	956	22.2	781	17.2	507

Note: *p*-value represents Chi-squared test for differences in proportions by year group; 'N' represents unweighted sample size.

Supplementary Table 2 Selected socioeconomic predictors for children (aged 12-23 months) of adult (aged >19 years) women accessing full immunization, India, 1990–2006.

Children age 12-23 months (N=4922)	Full Immunization			
	Univariate analysis		Multivariate analysis[a]	
	PP[b]	(95% CI)	PP[c]	(95% CI)
Period				
1990-93	0.354	(0.340, 0.368)	0.350	(0.336, 0.364)
1996-99	0.419	(0.403, 0.436)	0.388	(0.370, 0.405)
2003-06	0.442	(0.424, 0.461)	0.458	(0.438, 0.478)
				p=0.003
Mother's education				
Illiterate	0.246	(0.236, 0.257)	0.246	(0.239, 0.254)
Literate or below primary	0.455	(0.424, 0.485)	0.380	(0.372, 0.388)
Primary	0.520	(0.496, 0.543)	0.500	(0.492, 0.508)
Middle	0.601	(0.577, 0.626)	0.611	(0.601, 0.620)
High school and above	0.706	(0.687, 0.724)	0.744	(0.733, 0.754)
				p<0.001
Father's education				
Illiterate	0.230	(0.217, 0.244)	0.230	(0.221, 0.239)
Literate or below primary	0.382	(0.356, 0.408)	0.316	(0.308, 0.324)
Primary	0.404	(0.384, 0.424)	0.379	(0.371, 0.386)
Middle	0.443	(0.423, 0.464)	0.456	(0.447, 0.464)
High school and above	0.561	(0.546, 0.576)	0.615	(0.604, 0.625)
				p<0.001
Social group				
Other than SC and ST	0.430	(0.418, 0.441)	0.462	(0.454, 0.470)
SC	0.360	(0.340, 0.381)	0.338	(0.329, 0.348)
ST	0.263	(0.238, 0.291)	0.264	(0.251, 0.278)
				p<0.001
Wealth quintile				
Poorest	0.213	(0.198, 0.229)	0.191	(0.183, 0.200)
Poorer	0.303	(0.287, 0.320)	0.275	(0.268, 0.283)
Middle	0.413	(0.396, 0.432)	0.404	(0.397, 0.411)
Richer	0.570	(0.551, 0.589)	0.567	(0.558, 0.575)
Richest	0.640	(0.620, 0.659)	0.690	(0.679, 0.700)
				p<0.001
Area of residence				
Rural	0.348	(0.337, 0.360)	0.341	(0.333, 0.349)
Urban	0.563	(0.544, 0.582)	0.577	(0.565, 0.589)
				p=0.129

[a]Multivariate model controls for mother's age at child birth, religion, work status of mother, parity, birth order & interval, mass-media exposure of mother, desirable status of the child, utilization of full antenatal care by mother, professional attendance at delivery, and region of residence besides all variables shown in the table.
[b]Unadjusted Predicted Probability
[c]Adjusted Predicted Probability
Note: *p*-value refers to adjusted Wald test.

Supplementary Table 3. Proportion of adolescent women (aged 15-19), their marriage status and children ever born across states/union territories, India, 2011.

Sl. No.	State/UT/India	Adolescent women (15-19)						
		Total			Rural		SC/ST	
		Women (%)	EMW %	CEB (%)	Women (%)	CEB (%)	Women (%)	CEB (%)
1.	Jammu & Kashmir	1.06	8.75	0.52	1.14	0.54	0.77	0.48
2.	Himachal Pradesh	0.54	9.21	0.22	0.70	0.26	0.68	0.32
3.	Punjab	2.21	10.44	1.04	2.06	0.88	3.05	1.34
4.	Uttarakhand	0.95	10.44	0.48	0.98	0.48	0.83	0.47
5.	Haryana	2.10	16.63	1.62	2.05	1.56	1.77	1.18
6.	Delhi	1.31	9.78	0.56	0.05	0.03	0.97	0.38
7.	Rajasthan	6.06	28.82	6.62	6.56	6.99	7.33	7.60
8.	Uttar Pradesh	18.98	16.45	16.61	21.07	17.83	14.99	12.83
9.	Bihar	7.40	26.02	10.51	9.21	12.30	4.28	7.44
10.	Sikkim	0.06	16.86	0.05	0.06	0.06	0.09	0.07
11.	Arunachal Pradesh	0.14	14.85	0.11	0.15	0.11	0.39	0.24
12.	Nagaland	0.20	9.41	0.10	0.20	0.09	0.68	0.24
13.	Manipur	0.25	10.29	0.15	0.27	0.13	0.48	0.19
14.	Mizoram	0.10	12.48	0.07	0.06	0.06	0.35	0.23
15.	Tripura	0.31	25.72	0.49	0.34	0.52	0.64	0.91
16.	Meghalaya	0.29	18.05	0.32	0.32	0.38	0.97	0.93
17.	Assam	2.61	22.72	3.12	3.24	3.70	2.10	1.79
18.	West Bengal	7.70	28.44	13.00	7.84	13.42	8.79	14.49
19.	Jharkhand	2.64	25.06	3.75	2.77	3.96	3.90	4.77
20.	Odisha	3.45	14.86	2.40	4.13	2.66	5.38	4.02
21.	Chhattisgarh	2.26	14.55	1.65	2.51	1.76	3.79	2.50
22.	Madhya Pradesh	6.13	21.40	6.57	6.35	6.92	8.68	10.09
23.	Gujarat	4.81	20.28	5.02	4.13	4.02	4.10	4.46
24.	Maharashtra	8.70	19.92	8.71	7.04	7.27	7.58	8.11
25.	Andhra Pradesh	6.89	20.99	7.26	6.44	6.72	6.59	6.88
26.	Karnataka	4.93	20.47	4.46	4.38	3.87	4.90	4.69
27.	Goa	0.10	12.79	0.04	0.05	0.01	0.05	0.01
28.	Kerala	2.27	12.71	1.06	1.70	0.81	0.88	0.32
29.	Tamil Nadu	5.35	15.12	3.35	4.09	2.58	4.77	2.88
	Union territory							
1.	Chandigarh	0.08	9.18	0.03	0.00	0.00	0.07	0.03
2.	Daman & Diu	0.01	17.86	0.01	0.01	0.00	0.01	0.01
3.	Dadra & Nagar Haveli	0.02	23.35	0.03	0.02	0.03	0.06	0.07
4.	Lakshadweep	0.00	8.24	0.00	0.00	0.00	0.02	0.00
5.	Puducherry	0.09	11.53	0.05	0.04	0.03	0.06	0.04
6.	A & N Islands	0.03	15.48	0.02	0.02	0.02	0.01	0.00
	India	**100**	**19.86**	**100**	**100**	**100**	**100**	**100**

EMW: Ever Married Women; CEB: Child Ever Born