

Supplementary File

The progression of the tobacco epidemic in India on the national and regional levels, 1998-2016

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Supplementary Figures and Tables

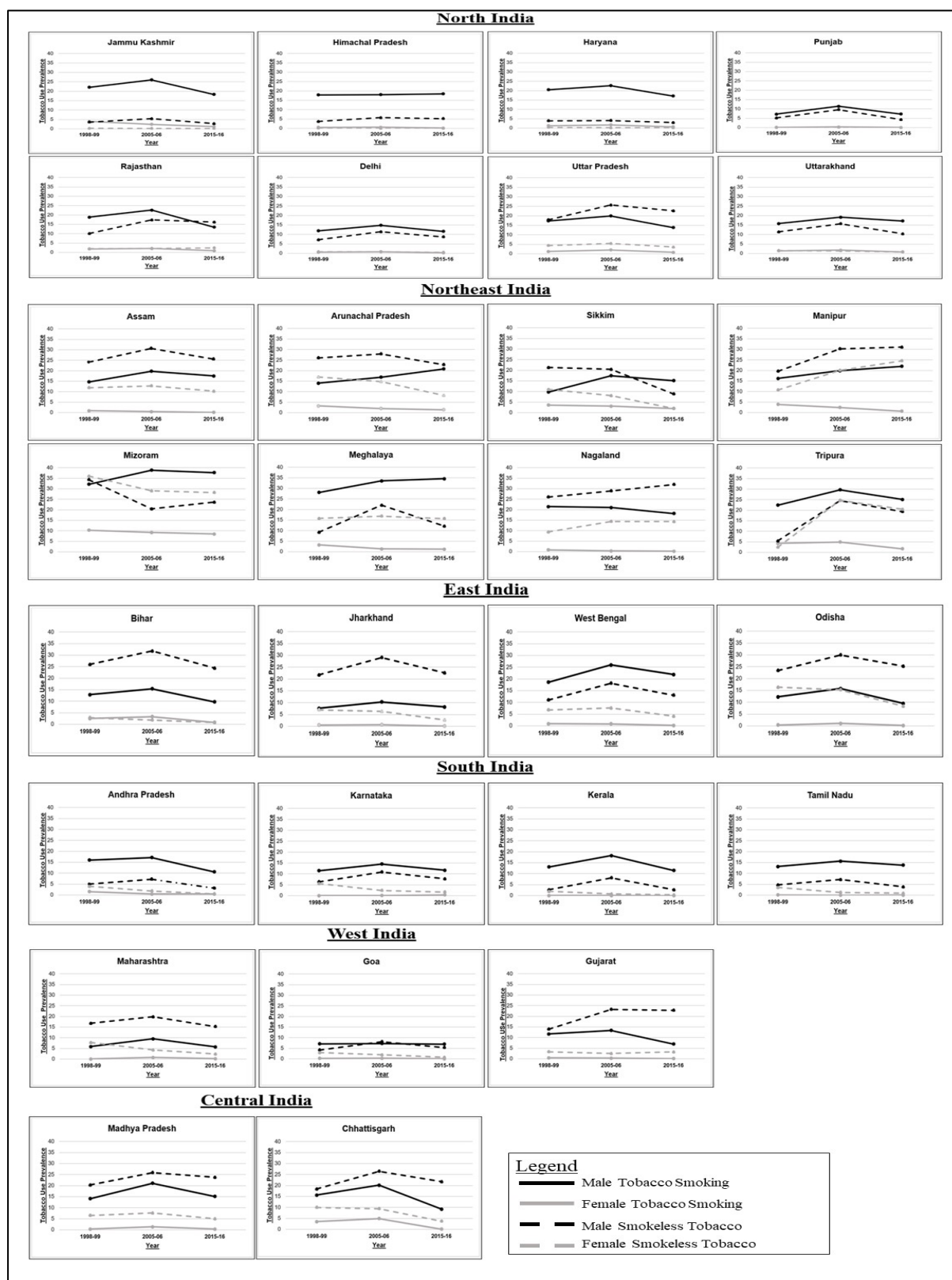
Figure S1: Trends in the prevalence of age- and sex-standardized tobacco use (%), distinguishing between tobacco smoking and smokeless tobacco use, ages 15-49, by sex, India, 1998-2016.

Figure S2: Roadmap to Smoking Policies in India.

Table S1: Age-and-sex standardized prevalence of cigarette and bidi smoking and smokeless tobacco consumption, by sex, between ages 15-49 years, Indian states, 2015-16.

Table S2: Percent decline in age-and-sex standardized tobacco prevalence (2005-06 to 2015-16), by sex, between ages 15-49 years of age, India.

Figure S1: Trends in the prevalence of age- and sex-standardized tobacco use (%), distinguishing between tobacco smoking and smokeless tobacco use, ages 15-49, by sex, India, 1998-2016.

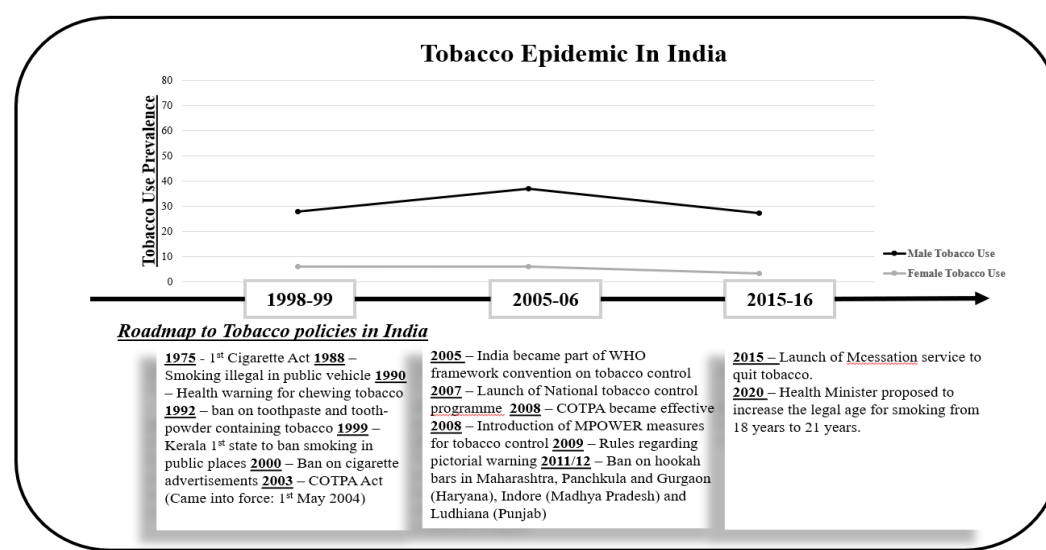


Legend: Data Source: NFHS India, (Round II-IV). Own calculation

Note: The scales for women and men are different, but are consistent for all states in order to compare levels across states.

The progression of the tobacco epidemic could not be provided for one state (Telangana) because the state was newly formed in 2014, or for six union territories (Andaman and Nicobar Islands, Chandigarh Daman and Diu and Dadra and Nagar Haveli, Lakshadweep, Ladakh and Puducherry).

Figure S2: Roadmap to Smoking Policies in India



Legend: Data Source: NFHS (Round II-IV)

Sources used to make the roadmap: Tobacco Control in India, WHO, and National Tobacco Control Programme.

Table S1: Age-and-sex standardized prevalence of cigarette and bidi smoking and smokeless tobacco consumption, by sex, between ages 15-49 years, Indian states, 2015-16

Region	Indian State	Men 2015-16			Women 2015-16		
		Cigarette Smoking	Bidi Smoking	Smokeless Tobacco	Cigarette Smoking	Bidi Smoking	Smokeless Tobacco
North	Jammu and Kashmir	15.30	4.12	2.83	0.15	0.15	0.25
	Himachal Pradesh	12.53	14.23	5.22	0.05	0.20	0.02
	Punjab	3.77	4.55	4.26	0.01	0.04	0.02
	Haryana	4.62	13.26	2.94	0.08	0.55	0.19
	Rajasthan	3.78	10.58	16.19	0.02	0.75	2.48
	Uttar Pradesh	5.63	9.90	22.63	0.03	0.58	3.53
	Uttarakhand	7.69	11.40	10.37	0.06	0.76	0.84
	Delhi	6.16	6.46	8.67	0.14	0.24	0.57
North-East	Assam	11.19	8.61	25.59	0.02	0.06	10.27
	Arunachal Pradesh	17.41	9.51	22.85	0.42	0.64	8.22
	Sikkim	14.59	1.10	8.87	1.57	0.58	2
	Manipur	20.63	3.83	31.02	0.32	0.39	24.59
	Mizoram	35.68	5.33	23.64	7.36	0.76	28.18
	Meghalaya	24.17	24.76	12.12	0.25	0.75	15.66
	Nagaland	10.99	12.41	32.01	0.10	0.04	14.34
	Tripura	14.80	14.73	19.36	0.00	1.30	20.45
East	Bihar	8.04	2.55	24.33	0.09	0.68	0.78
	Jharkhand	6.62	2.65	22.59	0.02	0.05	2.7
	Odisha	6.47	4.64	25.20	0.02	0.06	8.36
	West Bengal	12.68	16.60	13.08	0.04	0.15	4.12
South	Andhra Pradesh	7.91	3.51	3.18	0.01	0.06	0.58
	Karnataka	9.05	4.01	7.73	0.18	0.04	1.72
	Kerala	10.92	2.49	2.64	0.01	0.00	0.34
	Tamil Nadu	8.69	6.38	3.80	0.02	0.02	0.91
West	Maharashtra	4.75	1.17	15.23	0.03	0.01	2.36
	Goa	6.12	0.91	5.35	0.04	0.00	0.76
	Gujarat	2.47	4.69	22.81	0.01	0.07	3.21
Central	Chhattisgarh	5.93	4.90	21.75	0.02	0.04	3.74

	Madhya Pradesh	6.22	10.93	23.78	0.02	0.13	5.01
India		7.15	6.76	15.12	0.05	0.23	2.87

Legend: *yellow indicates states with more bidi consumption than cigarette.

Data Source: NFHS (2015-16). Own calculation

Table S2: Percent Decline in age-and-sex standardized tobacco prevalence (2005-06 to 2015-16), by sex, between ages 15-49 years, India

Region	Indian State	<u>Men</u>		<u>Women</u>	
		Smoking	Smokeless Tobacco	Smoking	Smokeless Tobacco
North	Jammu and Kashmir	29.52	48.07	51.32	0.00
	Himachal Pradesh	-2.11	9.22	63.64	0.00
	Punjab	36.62	55.44	83.71	81.82
	Haryana	24.42	27.76	60.09	13.64
	Rajasthan	40.29	6.58	55.83	-13.76
	Uttar Pradesh	30.62	11.88	60.23	35.35
	Uttarakhand	10.32	33.86	51.76	40.43
	Delhi	21.45	23.88	59.39	32.94
North-East	Assam	11.32	16.35	78.36	19.83
	Arunachal Pradesh	-23.16	18.16	30.62	44.27
	Sikkim	13.15	56.56	36.70	75.12
	Manipur	-10.85	-2.65	72.18	-22.70
	Mizoram	2.83	-15.83	8.44	2.73
	Meghalaya	-2.86	44.93	9.58	6.95
	Nagaland	13.78	-10.49	51.57	0.21
	Tripura	15.47	21.27	65.13	17.04
East	Bihar	36.70	23.35	74.60	58.73
	Jharkhand	20.75	22.26	82.35	57.01
	Odisha	39.84	15.86	84.22	45.14
	West Bengal	15.76	28.09	76.09	46.07
South	Andhra Pradesh	38.37	55.52	2.98	68.82
	Karnataka	19.62	29.15	-312.18	30.36
	Kerala	37.08	67.57	65.43	54.67
	Tamil Nadu	11.70	47.30	-64.77	28.91
West	Maharashtra	39.74	23.12	76.42	44.86
	Goa	4.43	34.11	77.27	61.42
	Gujarat	47.61	1.81	67.32	-27.89
Central	Chhattisgarh	54.09	17.71	98.18	60.30
	Madhya Pradesh	28.18	8.15	76.42	33.91
India		30.45	21.58	67.36	37.88

Legend: *orange indicates states showing increase in smoking prevalence.

Data Source: NFHS (2015-16). Own calculation