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Web table 1: Age and Standard of Living Index standardised prevalence (%; 95% CIs) of Non-Communicable Disease Risk Factors in India: Rural Men

	North	South	Total	P-value†
Smoke tobacco ^a	19.6 (15.9, 23.2)	24.0 (19.7, 28.3)	21.8 (19.1, 24.4)	0.050
Chew tobacco ^a	40.3 (35.5, 45.1)	6.8 (4.1, 9.5)	25.0 (21.9, 28.1)	<0.001
Alcohol use ^b	14.0 (10.5, 17.4)	34.0 (28.8, 39.2)	23.4 (20.5, 26.2)	<0.001
Low physical activity ^c	64.6 (60.5, 68.7)	76.3 (71.4, 81.3)	67.6 (64.2, 71.0)	<0.001
Inadequate fruit/vegetable intake ^d	73.7 (69.8, 77.6)	71.0 (65.8, 76.1)	71.6 (68.6, 74.7)	0.261
BMI ≥ 23 kg/m ²	20.4 (17.4, 23.3)	27.1 (23.2, 31.0)	23.5 (21.2, 25.8)	0.003
BMI ≥ 25 kg/m ²	9.9 (7.7, 12.1)	14.2 (11.6, 16.9)	11.9 (10.2, 13.7)	0.014
Central adiposity ^e	13.4 (10.9, 16.0)	13.6 (11.3, 16.0)	13.5 (11.8, 15.2)	0.910
TC/HDL ≥ 4.5 ^f	21.0 (17.3, 24.7)	33.3 (28.7, 37.9)	27.5 (24.6, 30.4)	<0.001
Triglycerides ≥ 1.69mmol/L	20.7 (16.8, 24.6)	24.5 (20.2, 28.8)	23.3 (20.5, 26.1)	0.087
Hypertension ^g	15.5 (12.3, 18.6)	18.7 (15.7, 21.7)	17.2 (15.0, 19.4)	0.112
Diabetes mellitus ^h	3.4 (2.0, 4.8)	4.4 (2.8, 6.0)	4.0 (3.0, 5.1)	0.331
Underweight ⁱ	33.0 (28.3, 37.8)	21.3 (16.3, 26.4)	28.2 (24.9, 31.5)	<0.001
Short stature ^j	24.5 (20.2, 28.8)	20.6 (16.2, 24.9)	23.0 (19.9, 26.1)	0.674

^a Used on a daily basis, anytime in the last 6 months

^b Alcohol consumed at least 10 days/month, anytime in the last 6 months

^c PAL (Physical Activity Level) ≤ 1.69

^d <400g of fruit and vegetables per day

^e Waist circumference >90cm in males; >85cm in females

^f Total/HDL cholesterol

^g Self-reported or blood pressure ≥140/90mm Hg

^h Self-reported or fasting blood glucose level ≥7mmol/l

ⁱ Body mass index < 18.5 kg/m²; ^j Height <25th percentile of National Family Health Survey-3 (rural) participants³⁵

Note: All data are standardised to age and Standard of Living Index distribution of the Indian National Family Health Survey-3 (rural) participants³⁵

† p-values were obtained from chi-squared tests

Web table 2: Age and Standard of Living Index standardised prevalence (%; 95% CIs) of Non-Communicable Disease Risk Factors in India: Rural Women

	North	South	Total	P-value
Smoke tobacco ^a	0.5 (0.0, 1.3)	0.8 (0.0, 1.9)	0.9 (0.0, 1.8)	0.692
Chew tobacco ^a	5.8 (3.1, 8.6)	5.0 (2.9, 7.2)	4.9 (2.9, 6.9)	0.702
Alcohol use ^b	0.2 (0.0, 0.7)	12.6 (7.1, 18.1)	6.9 (3.9, 9.9)	<0.001
Low physical activity ^c	67.3 (61.1, 73.5)	68.2 (62.3, 74.0)	71.1 (65.3, 76.9)	0.855
Inadequate fruit/vegetable intake ^d	72.3 (65.1, 79.5)	75.5 (69.1, 81.8)	76.6 (71.3, 81.9)	0.392
BMI ≥ 23 kg/m ²	21.9 (16.5, 27.4)	34.8 (28.9, 40.7)	30.3 (26.4, 34.3)	<0.001
BMI ≥ 25 kg/m ²	12.9 (8.7, 17.2)	24.0 (18.5, 29.6)	19.8 (16.5, 23.2)	0.001
Central adiposity ^e	7.6 (4.2, 10.9)	15.4 (11.6, 19.1)	13.2 (10.5, 15.8)	0.008
TC/HDL ≥ 4.5 ^f	19.6 (13.8, 25.4)	32.3 (27.6, 37.1)	31.3 (27.1, 35.5)	0.001
Triglycerides ≥ 1.69mmol/L	15.7 (10.6, 20.7)	29.4 (22.1, 36.7)	25.6 (20.6, 30.7)	<0.001
Hypertension ^g	9.3 (5.4, 13.2)	20.0 (16.6, 23.3)	18.5 (15.2, 21.7)	<0.001
Diabetes mellitus ^h	2.5 (0.8, 4.2)	4.5 (2.7, 6.4)	4.2 (2.6, 5.8)	0.199
Underweight ⁱ	34.4 (28.2, 40.6)	21.7 (13.4, 30.1)	25.0 (19.7, 30.4)	<0.001
Short stature ^j	25.7 (17.9, 33.5)	27.0 (19.0, 35.0)	28.3 (22.5, 34.1)	0.699

^a Used on a daily basis, anytime in the last 6 months

^b Alcohol consumed at least 10 days/month, anytime in the last 6 months

^c PAL (Physical Activity Level) ≤ 1.69

^d <400g of fruit and vegetables per day

^e Waist circumference >90cm in males; >85cm in females

^f Total/HDL cholesterol

^g Self-reported or blood pressure ≥140/90mm Hg

^h Self-reported or fasting blood glucose level ≥7mmol/l

ⁱ Body mass index < 18.5 kg/m²; ^j Height <25th percentile of National Family Health Survey-3 (rural) participants³⁵

Note: All data are standardised to age and Standard of Living Index distribution of the Indian National Family Health Survey-3 (rural) participants³⁵

[†] p-values were obtained from chi-squared tests

Web table 3: Comparison of responder and non-responder factory participants

	Participants (n=1980)	Non participants (n=2541)	p-value
Male (%)	53	60	<0.001
Hindu (%)	93	94	0.1
Currently chew/smoke tobacco (%)	19	21	0.1
Suffered illness [‡] (%)	20	16	0.01
Married (%)	98	98	0.8
Mean Age (SD)	42.6 (8.6)	43.4 (9.3)	<0.001
Median hours to factory from place of origin(1 st Q, 3 rd Q)	6 (3, 10)	6 (3, 12)	0.3

[†] Responders are participants (factory workers or spouse) who attended the clinic along with their rural sibling; non-responders are eligible participants (factory worker or spouse) who did not attend the clinic (the number is three less than that used in the main analyses since three rural siblings came without the factory worker)

[‡] Self-reported high blood pressure, heart disease, diabetes or stroke

Web table 4. Comparison of Indian Migration Study (IMS) population to the 2001 Census Of India and the 3rd National Family Health Survey of India (NFHS-3)

	IMS (2005-7) (N=7067)			CENSUS (2001) ²³ (N= 1,028,737,436)			NFHS-3 [†] (2005-6) ³⁵ (n=515,507)		
	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural	Total
Age range (years)	18-70	15-76	15-76	0 - 80+	0 - 80+	0 - 80+	0 - 80+	0 - 80+	0 - 80+
% male	53.2	67.2	58.0	52.4	51.7	51.9	51.6	49.3	50.0
% illiterate	4.5	16.9	9.1	20.1	41.3	35.2	25.3	48.6	41.5
% not employed [‡]	40.8	29.7	37.2	67.7	58.2	60.9	49.7	37.0	41.3
Mean household size	4.7	5.7	5.1	5.1	5.4	5.3	4.6	4.9	4.8
% Hindu religion	89.4	94.3	91.2	82.6	75.6	80.5	78.2	83.3	81.6
% scheduled caste/tribe [‡]	20.2	23.8	21.4	14.2	28.3	24.4	19.1	31.8	27.6
% with drinking water from pipe/handpump/well	99.7	98.5	99.3	97.8	95.4	96.1	94.1	83.9	87.3
% with electric lighting source	99.3	86.7	94.7	87.6	43.5	55.8	93.1	55.7	67.9
% with toilet facility access	98.9	65.2	86.6	70.4	22.8	36.1	83.1	25.9	44.5
% with Pucca material house	82.7	40.0	66.4	-	-	-	74.1	25.5	41.4
% that own agricultural land	21.9	71.4	40.0	-	-	-	19	58.5	45.6
% with the following household assets:									
TV	97.1	71.1	87.6	64.3	18.9	31.6	73.2	30.1	44.2
Radio	77.0	60.8	71.1	44.5	31.5	35.1	38.9	27.0	30.9
Phone	84.4	46.1	70.3	23.0	3.8	9.1	26.7	8.0	14.1
Bicycle	74.6	75.4	74.9	46.0	42.8	43.7	50.1	51.6	51.1
Scooter	81.8	40.7	66.7	24.7	6.7	11.7	30.5	10.8	17.2
Car	14.4	3.2	10.1	5.6	1.3	2.5	6.1	1.0	2.7

[†] National Family and Household Survey, 3rd survey

[‡] Castes and tribes that are recognised by the government as socially and economically disadvantaged

[‡] In IMS this is those self-reporting as unemployed or housewives; in the census it is those classified as “non-workers”; in the NFHS it is those classified as not employed in 12 months preceding the survey