

BACKGROUND

India is the second largest tobacco producing and consuming country, behind only China; it is home to 11.2% of the world's smokers and 74% of the world's smokeless tobacco (SLT) users. Indeed, nearly half of all oral cancer cases in the world occur in India, with 90% attributable to tobacco consumption. In 2019, tobacco accounted for over 1.2 million deaths, which was over 13% of all deaths in India.

Research indicates numerous disparities in tobacco use in India, with male use prevalence (42%) that is about three times that of the female rate (14%), and notably higher tobacco use prevalence in low-income and rural segments of the population. Both men (30%) and women (13%) prefer SLT over other forms of tobacco. *Bidis*, locally produced tobacco rolled in tendu leaves, are the most common form of combusted tobacco used in both rural and urban India. Rates of current bidi smoking for men and women are double those of cigarette smoking but use among men (14%) is over 11 times greater than it is among women (1.2%). While restrictions of tobacco sales and regulations on tobacco use exist, especially since the ratification of the FCTC in 2004, enforcement is lacking. Further, implementation of a tiered excise tax system primarily affected the price of factory-made cigarettes. This, combined with demographic variability, has resulted in unique tobacco use patterns in India.

OBJECTIVES

- Identify tobacco use patterns in India and determinations of it through analyses of demographic data collected via 2019 poll
- Explore variability in age of initiation of tobacco product use in India
- Describe disparities in spending on tobacco products among current users

METHODS

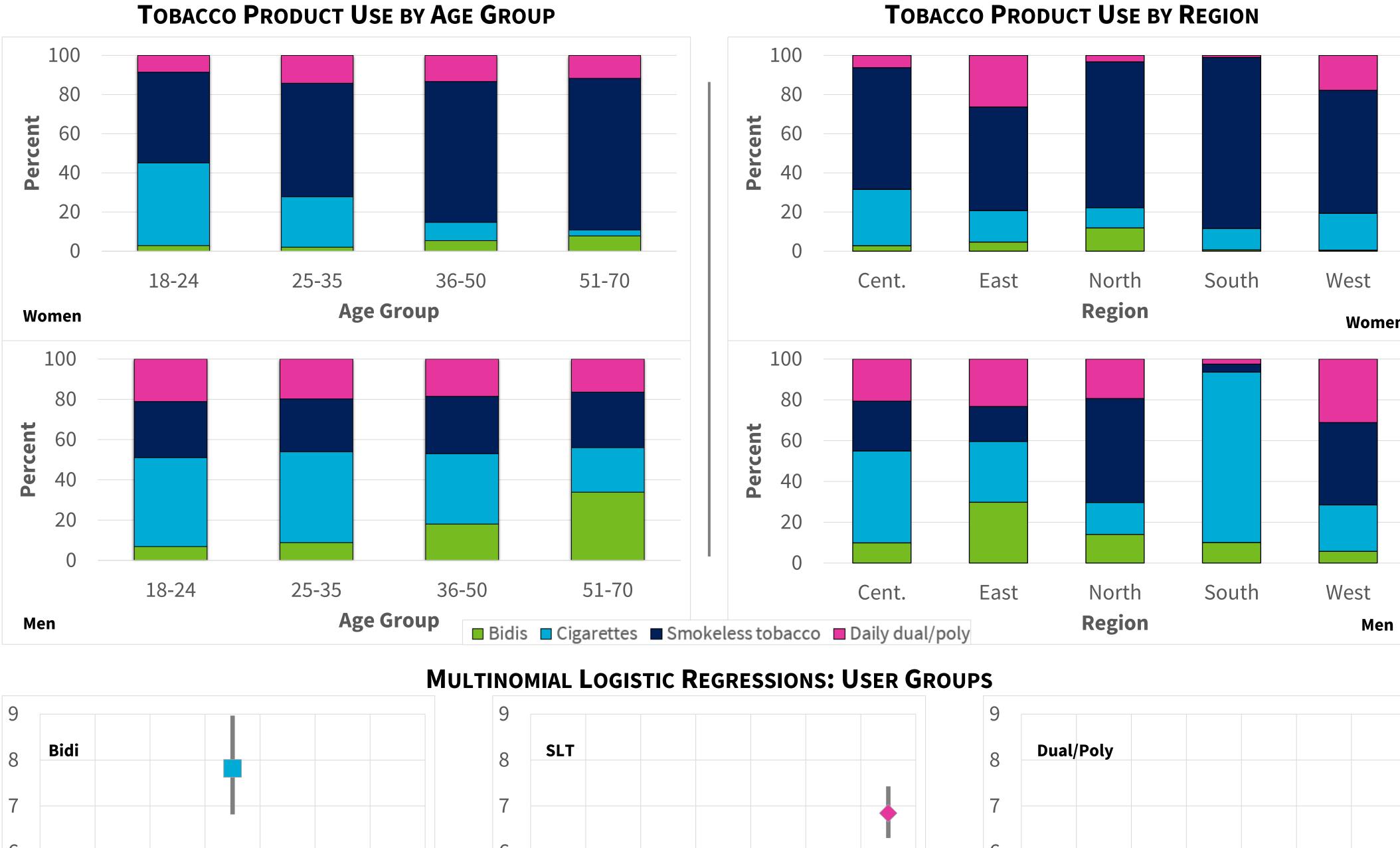
- Foundation for a Smoke-Free World commissioned a survey to understand the current landscape of tobacco product use behaviors and perceptions.
- The 2019 survey was conducted among adults 18-69 years of age in seven countries including Greece, India, Japan, Norway, South Africa, the UK and the US. Surveys in South Africa, Greece, and India were administered face-to-face.
- Survey participants (n=54,000) were current smokers or those who had quit within the last five years.
 - 41,673 participants were from India alone (women were oversampled, n=1000).
 - 3,831 women and 28,929 men were current daily tobacco product users.
 - Surveys were conducted in five regions (Central, Eastern, Northern, Southern, and Western) and included one large city, five towns, and 36 villages within each region
 - Nielson's monthly income categories were used to classify socioeconomic status as: low (₹9,999 or less), middle (₹10,000-29,999), or high (₹30,000 or more).
- Exclusive daily combustible smoker refers to any respondent using only the following at least once a day: factory-made cigarettes, tubed cigarettes, rolled cigarettes, capsule/flavored cigarettes, cigars, cigarillos, water pipe, hookahs, shishas, and pipes.
- Exclusive bidi smokers only used bidis on a daily basis.
- Exclusive daily SLT user refers to any respondent using only the following at least once a day: moist SLT, loose leaf chewing tobacco, dry snuff, snus, dissolvable tobacco products, gutka, and other chewing tobaccos.
- P Daily dual/poly user refers to users who used any number and combination of any product including nicotine replacement therapy.

PATTERNS OF TOBACCO USAGE IN INDIA

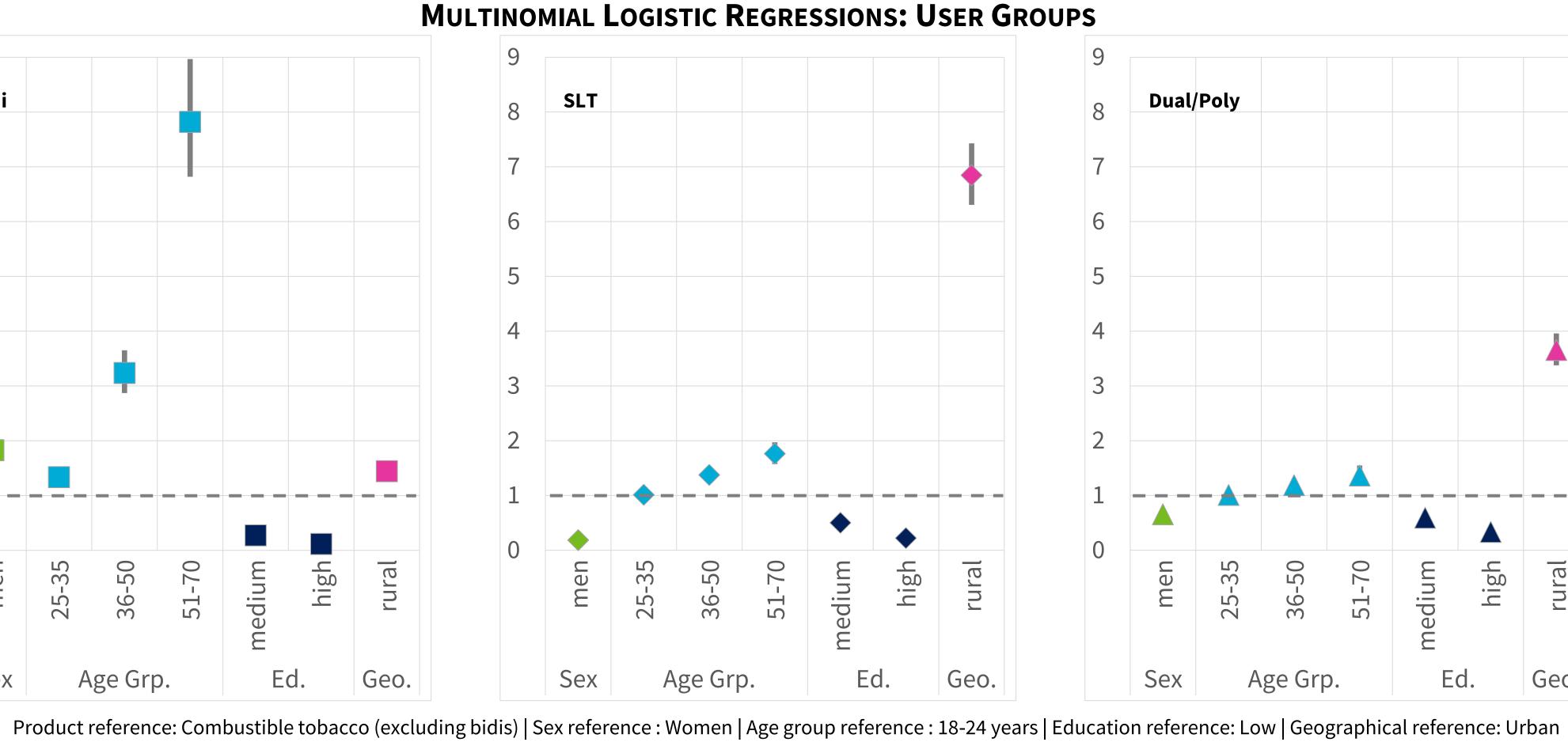
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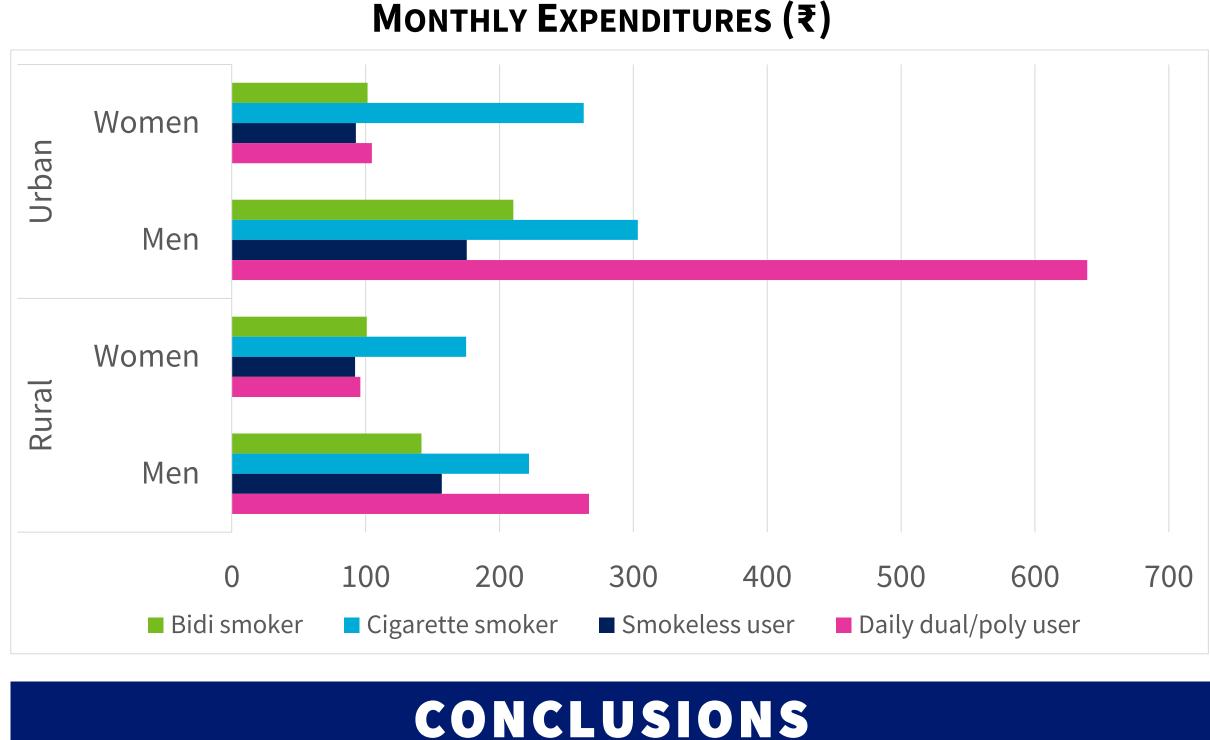
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DEMOGRAPHICS OF CURRENT PRODUCT USERS BY USER GROUP AND SEX			EXCLUSIVE DAILY COMBUSTIBLE							EXCLUSIVE DAILY							WOMEN		MEN				
												EVELOS				AGE OF PRODUCT INITIATION		MEAN	SD	MEAN	SD		
		A	BIDIS			CIGARETTES			SMOKELESS							BIDIS	27.2	10.1	19.6	6.0			
												DAILY DUAL/POLY			USER GROUPS	CIGARETTES	20.9	4.8	19.8	4.4			
																SMOKELESS	25.6	9.9	19.9	6.1			
		Women		en	Women		Men	Women		Men		Women Men		Men	Women	Men	1		DUAL/POLY	23.7	8.8	18.9	5.4
		N %*	Ν	%*	Ν	%	N %	N	%	Ν	%	N	%	N %	N %	Ν	%		18-24	17.6	2.6	17	2.6
ALL		3831 100.0	28929	9 100.0	185	4.8	4026 13.9	613	16.0	11385	39.4	2551	66.6	7920 27.	4 482 12.0	5 5598 1	9.4	AGE GROUPS	25-35	21.1	4.6	19.1	3.7
AGE GROUPS	18-24	455 100.0		5 100.0			450 6.9		42.2						3 39 8.6				36-50	26.1	8.1	21.2	5.8
																		EDUCATION	51-70	31.5	12.4	23	8.7
	25-35	1033 100.0) 11081	1 100.0	21	2.0	978 8.8	266	25.8	4998	45.1	599	58.0	2910 26.	3 147 14.2	2 2195 1	.9.8		HIGH	21.6	5.1	20.3	4.3
	36-50	1320 100.0) 7815	5 100.0	71	5.4	1410 18.0	124	9.4	2730	34.9	949	71.9	2226 28.	5 176 13.	3 1449 1	.8.5		MEDIUM	22.5	6.5	19.6	4.6
	51-70	1035 100.0	3526	6 100.0	81	7.8	1193 33.8	32	3.1	779	22.1	802	77.5	976 27.	7 120 11.	5 578 1	.6.4		LOW	26	10.1	19.5	5.7
EDUCATION	HIGH	275 100.0) 4577	7 100.0	2	0.7	203 4.4	194	70.5	3232	70.6	67	24.4	538 11.	3 12 4.4	604 1	.3.2	SES	HIGH	21.1	5.5	19.9	4.7
	MEDIUM						511 7.6												MEDIUM	25.3	9.2	19.7	5.1
																			LOW	25.5	10.5	19.1	6.1
	LOW	2898 100.0) 1/345	5 100.0	160	5.5	3262 18.8	163	5.6	4769	27.5	2182	(5.3	5651 32.	5 393 13.0	3663 2	21.1		Monthly Expenditures (₹)				
GEOGRAPHY	Urban	2710 100.0) 22142	2 100.0	120	4.4	2834 12.8	573	21.1	9986	45.1	1706	63.0	5236 23.	5 311 11.	5 4086 1	.8.5						
	RURAL	1121 100.0	6787	7 100.0	65	5.8	1192 17.6	40	3.6	1399	20.6	845	75.4	2684 39.	5 171 15.3	3 1512 2	22.3	Women					
SES	HIGH	158 100.0) 1267	7 100.0	4	2.5	65 5.1	116	73.4	926	73.1	19	12.0	121 9.6	19 12.) 155 1	.2.2	han					
	MEDIUM	2192 100.0) 19114	4 100.0	104	4.7	2677 14.0	390	17.8	7730	40.4	1458	66.5	5028 26.	3 240 10.	3679 1	.9.2	う Men					
	LOW	1284 100.0) 6832	2 100.0	56	4.4	1161 17.0	63	4.9	1555	22.8	942	73.4	2491 36.	5 223 17.4	1625 2	23.8						



-70 25-35 Age Grp. Sex Geo. Ed.





- For men and women, bidi use was highest among those in older age groups, those with a low education level, those with low SES, and those from rural areas; cigarette smoking
- was highest among corresponding opposite counterparts. Older age and being a man were the highest predictors of bidi use relative to other combustible tobacco use. Being from a rural geography was the highest predictor of SLT use, followed by dual/poly product use relative to combustible tobacco use.
- Men typically started using tobacco products at a younger age than women (except for cigarettes). Older individuals tended to start using at an older age.
- Men spent more money than women on tobacco products, especially those from urban areas; women in rural and urban areas spent similarly (except on cigarettes).
- Tackling burden of disease caused by tobacco use in India should consider the high heterogeneity in tobacco product use patterns, and specific interventions should be tailored accordingly.

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Geo.

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