

## Rates of menthol cigarette use among Native Hawaiians and other Hawai'i Tobacco Quitline enrollees

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<https://www.pdastats.com/pda-nctoh-presentations/>

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### Supplementary material

#### Menthol use rates

The tables below show the N for each group with a menthol rate presented on the poster, among cigarette users.

#### Among priority populations

	Intake cohort				Retrospective cohort			
	Within priority population		All other enrollees		Within priority population		All other enrollees	
	N	% smoking menthols all or most of the time	N	% smoking menthols all or most of the time	N	% usually smoking menthols	N	% usually smoking menthols
Native Hawaiian	221	81%	515	55%	51	70%	135	50%
Low education (HS/GED or less)	285	75%	456	54%	69	64%	123	49%
Age 18 to 39	279	71%	492	58%	57	61%	143	53%
LGBT+	73	63%	659	62%	Not shown due to small number of LGBT+ respondents			
MHSUD (mental health or substance use disorder)	314	59%	455	65%	88	62%	111	50%
Low income (<\$25,000/year)	338	60%	363	65%	106	56%	72	50%

#### By county

By county	Intake cohort		Retrospective cohort	
	N	% smoking menthols all or most of the time	N	% usually smoking menthols
Honolulu	484	69%	108	65%
Kaua'i	45	53%	Not shown due to small number of respondents	
Hawai'i	142	53%	49	37%
Maui	99	49%	34	49%

## **Menthol use rate among Pacific Islanders**

Menthol use among other Pacific Islanders (not Native Hawaiians) as well as the combined group of Native Hawaiians and Pacific Islanders is included below to facilitate comparison to data that does not show these groups separately.

	Intake cohort				Retrospective cohort			
	Within priority population		All other enrollees		Within priority population		All other enrollees	
	N	% smoking menthols all or most of the time	N	% smoking menthols all or most of the time	N	% usually smoking menthols	N	% usually smoking menthols
Pacific Islander (excluding Native Hawaiians)	43	79%	693	62%	<i>Not shown due to small number of Pacific Islander respondents</i>			
Native Hawaiian / Pacific Islander (combined)	271	80%	472	53%	59	70%	127	49%

## **References**

Boesen, U. Tax Foundation. 2022. Federal Menthol Cigarette Ban May Cost Governments \$6.6 Billion. Available at <https://taxfoundation.org/federal-menthol-cigarette-ban/>

Fagan, P., Pokhrel, P., Herzog, T. A., Pagano, I. S., Franke, A. A., Clanton, M. S., Alexander, L. A., Trinidad, D. R., Sakuma, K. L., Johnson, C. A., & Moolchan, E. T. (2016). Nicotine Metabolism in Young Adult Daily Menthol and Nonmenthol Smokers. *Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco*, 18(4), 437–446. <https://doi.org/10.1093/ntr/ntv109>

Food and Drug Administration Tobacco Product Scientific Advisory Committee. (2013) Preliminary Scientific Evaluation of the Possible Public Health Effects of Menthol Versus Nonmenthol Cigarettes. <https://www.fda.gov/media/86497/download>

National Cancer Institute. 2017. The 2014-2015 Tobacco Use Supplement to the Current Population Survey (TUS-CPS). Willis, G., et al. Available at [https://cancercontrol.cancer.gov/sites/default/files/2020-06/tus-cps\\_2014-15\\_summarydocument.pdf](https://cancercontrol.cancer.gov/sites/default/files/2020-06/tus-cps_2014-15_summarydocument.pdf)

Truth Initiative. 2018. Menthol. Available at <https://truthinitiative.org/sites/default/files/media/files/2019/03/truth-initiative-menthol-fact-sheet-dec2018.pdf>

## **Further questions**

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