

Secondhand smoke exposure on hospitality terraces in Barcelona

The background features a light blue, stylized line-art illustration of a cafe terrace. It shows several people sitting at round and rectangular tables, some holding cigarettes. There are also tables with coffee cups and a person standing behind a counter. The overall scene is a busy, social outdoor dining area.

Recommended cite

Continente, X.; Brugueras, S.; Cortés, N.; Artazcoz, L.; López, M.J.
Secondhand smoke exposure on hospitality terraces in Barcelona
Agència de Salut Pública de Barcelona, 2025.

Graphic design

estudiomancha.com

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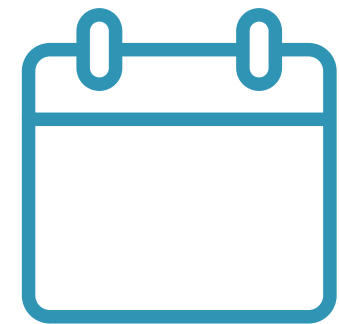
What has been done?



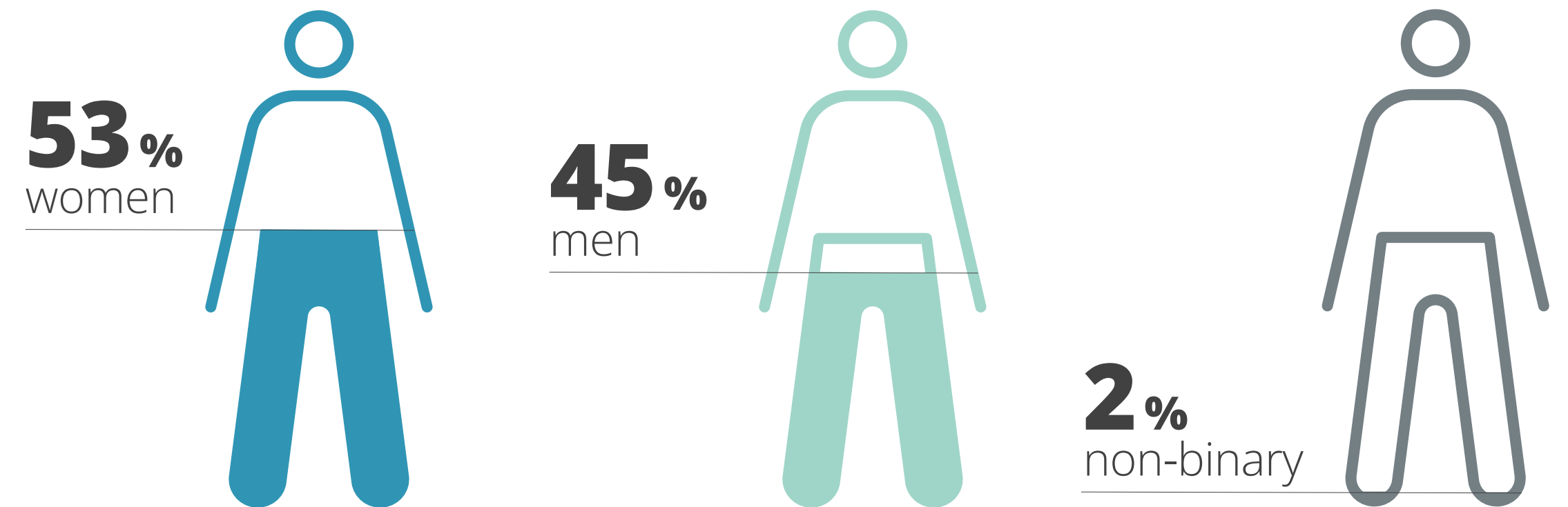
Environmental nicotine measurements and observations at **180** outdoor terraces in Barcelona.



Interview with **451** terrace users.



Fieldwork conducted **2025**



What are the results?



85%

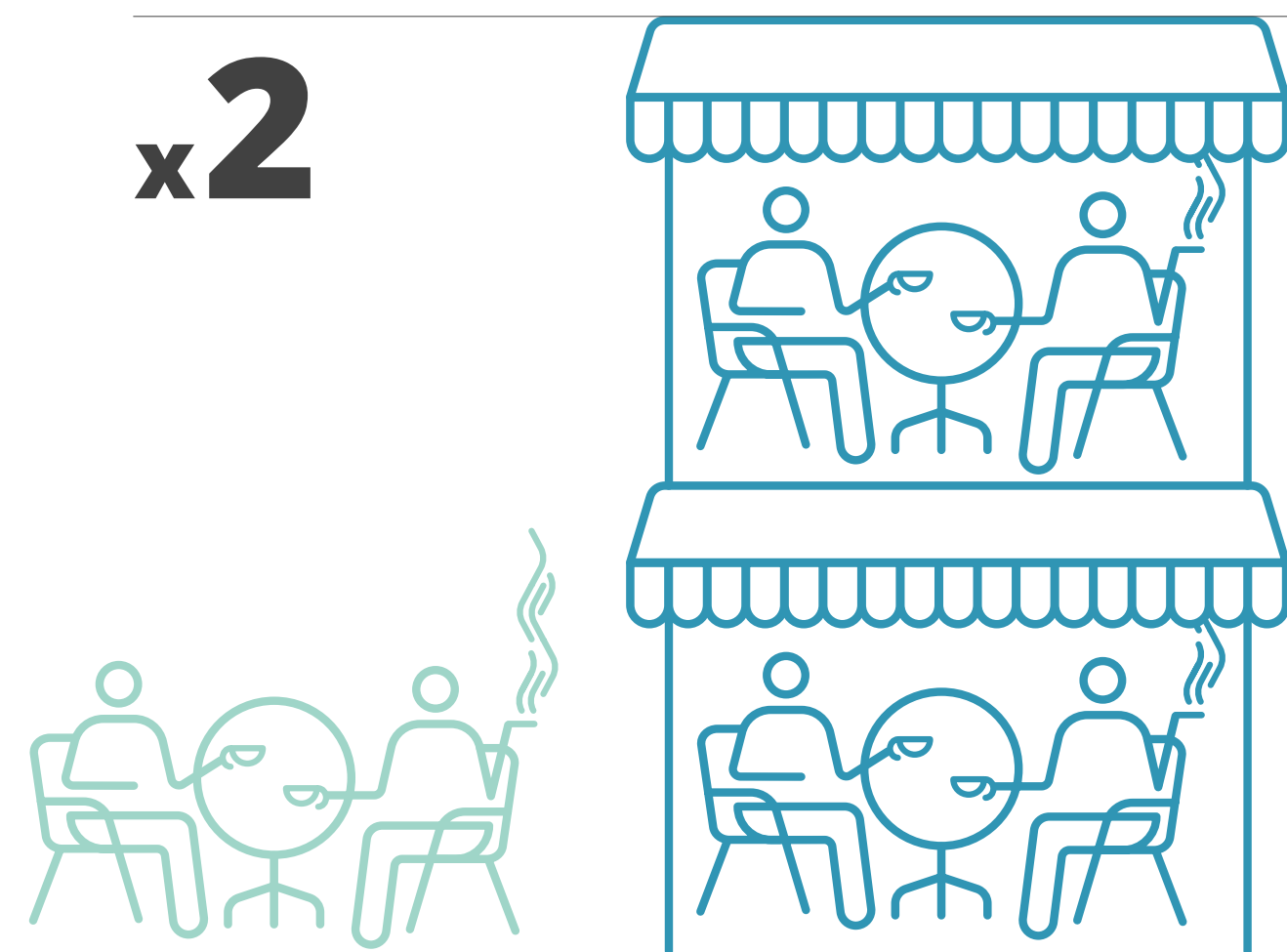
Environmental nicotine is present in 85% of terraces.



92%

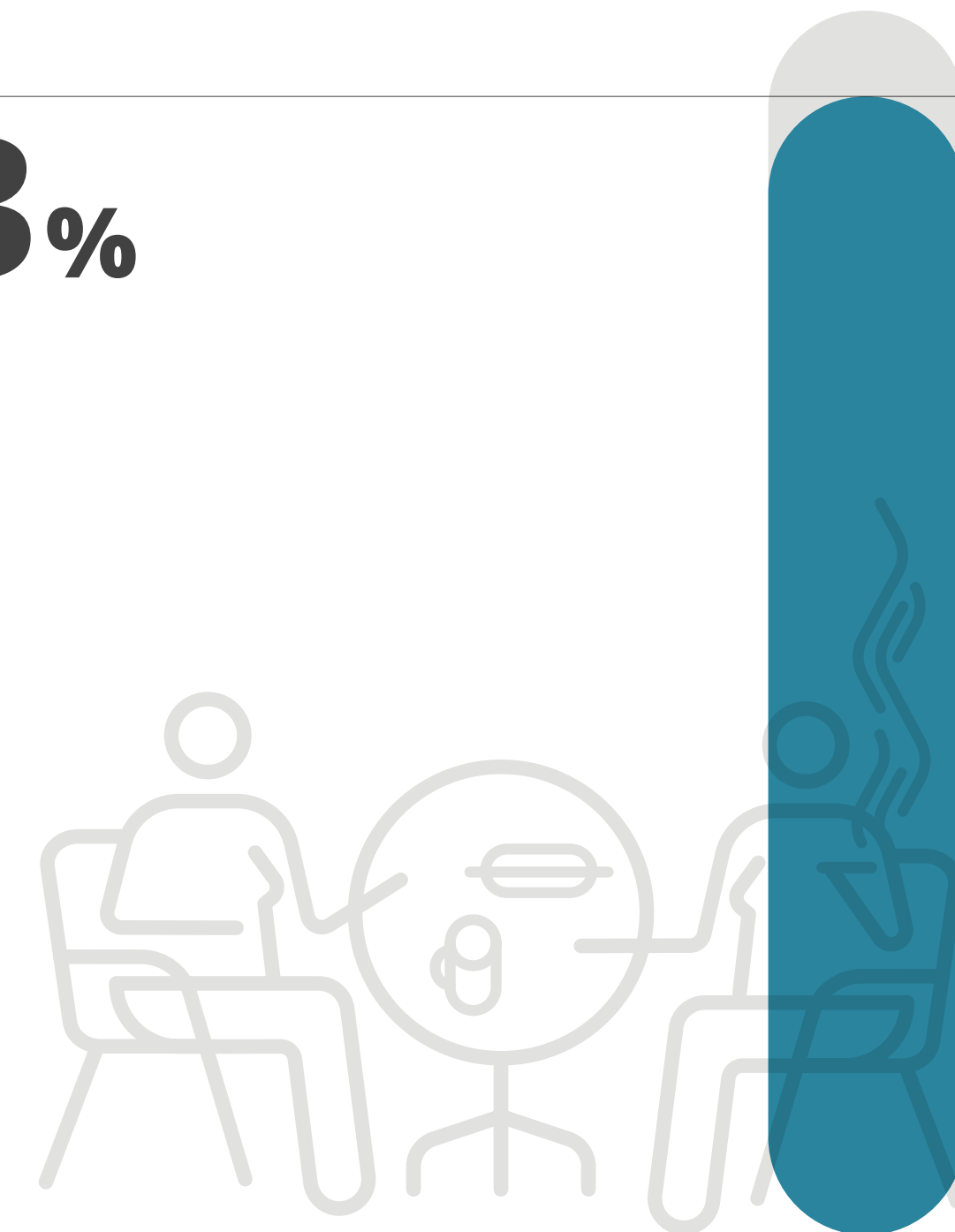
Environmental nicotine is present in 92% of terraces where smoking is prohibited.

What are the results?



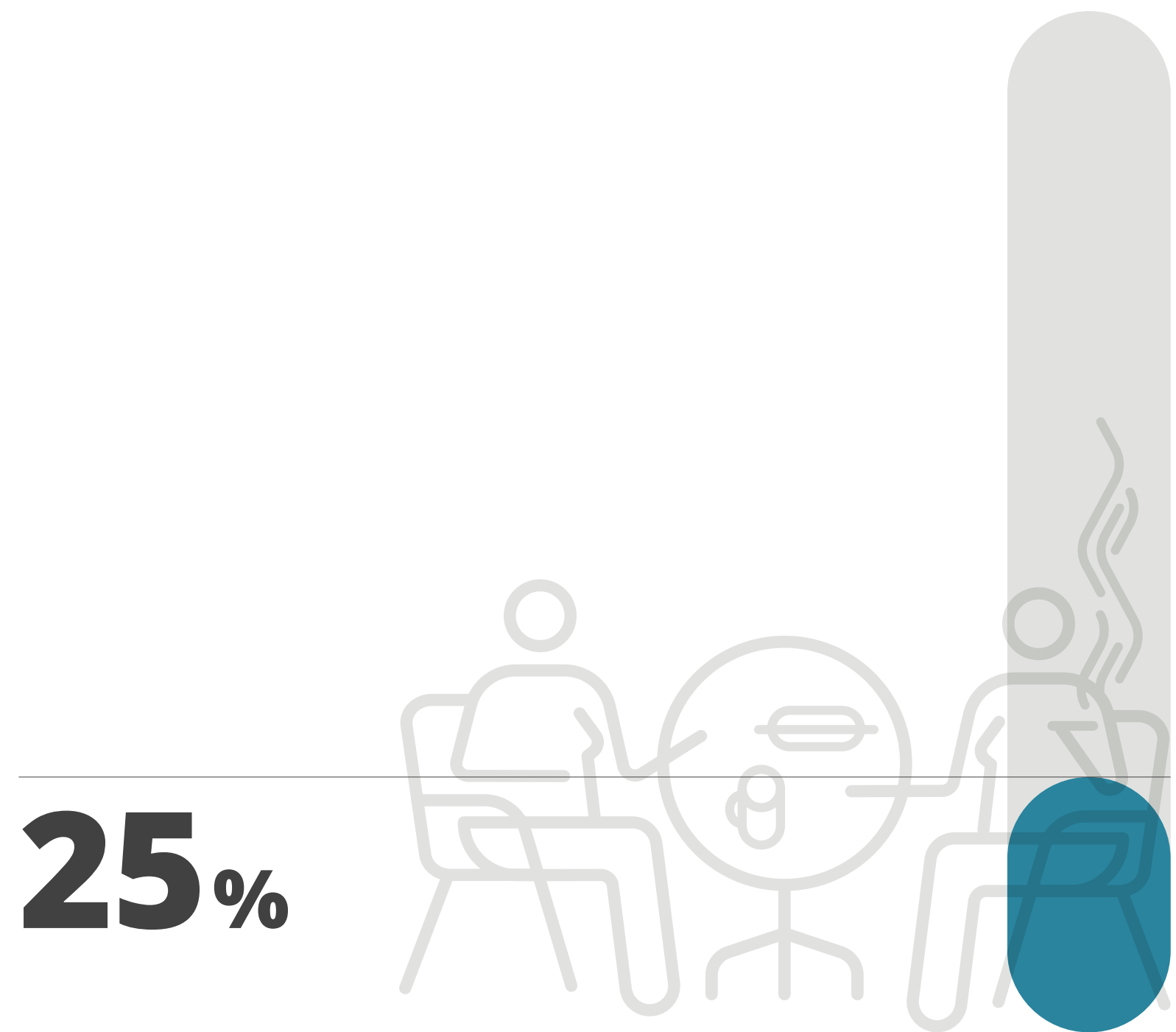
The concentration of environmental nicotine is twice as high on covered terraces with three or more walls.

93%

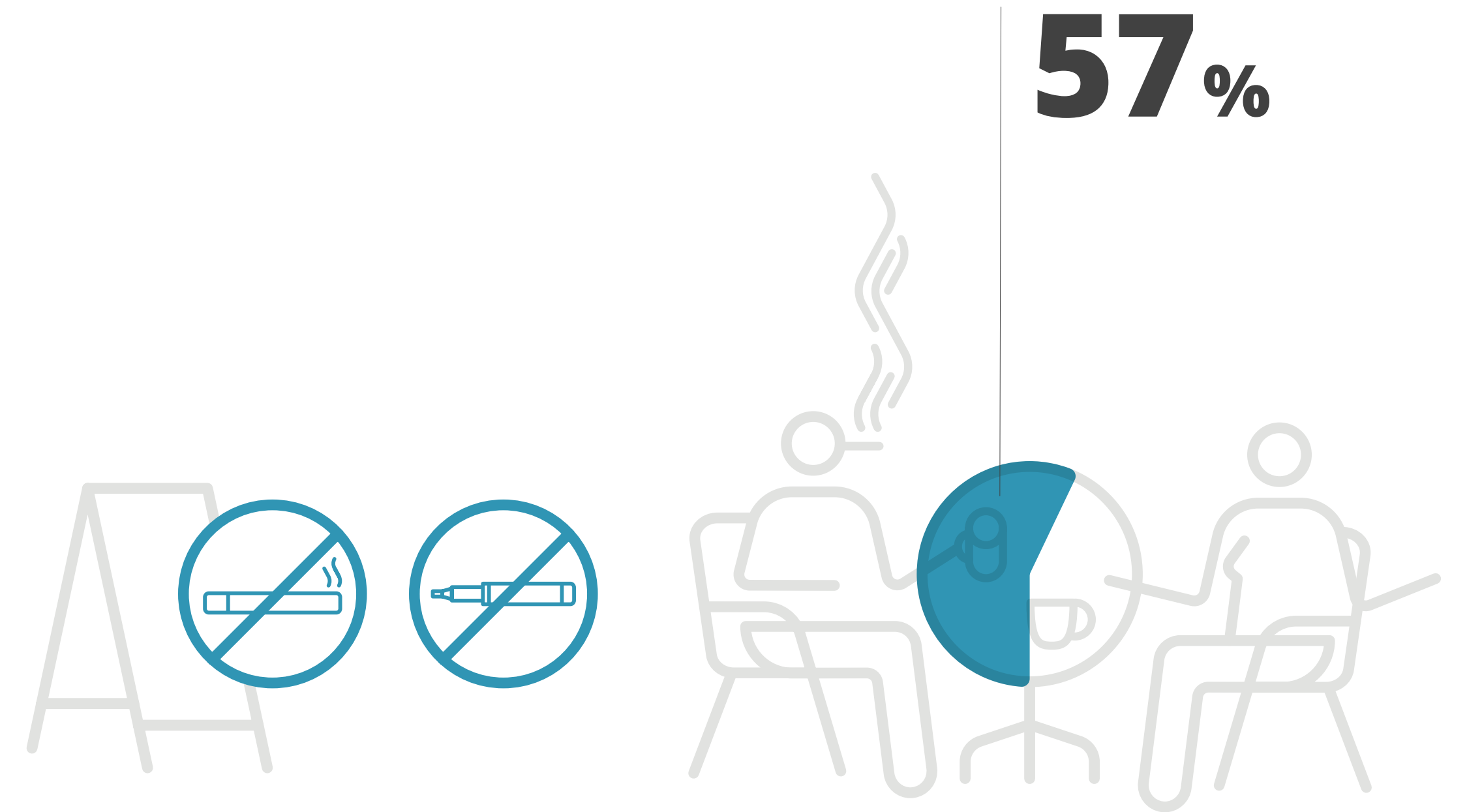


There is at least one person smoking in 93% of terraces.

What are the results?

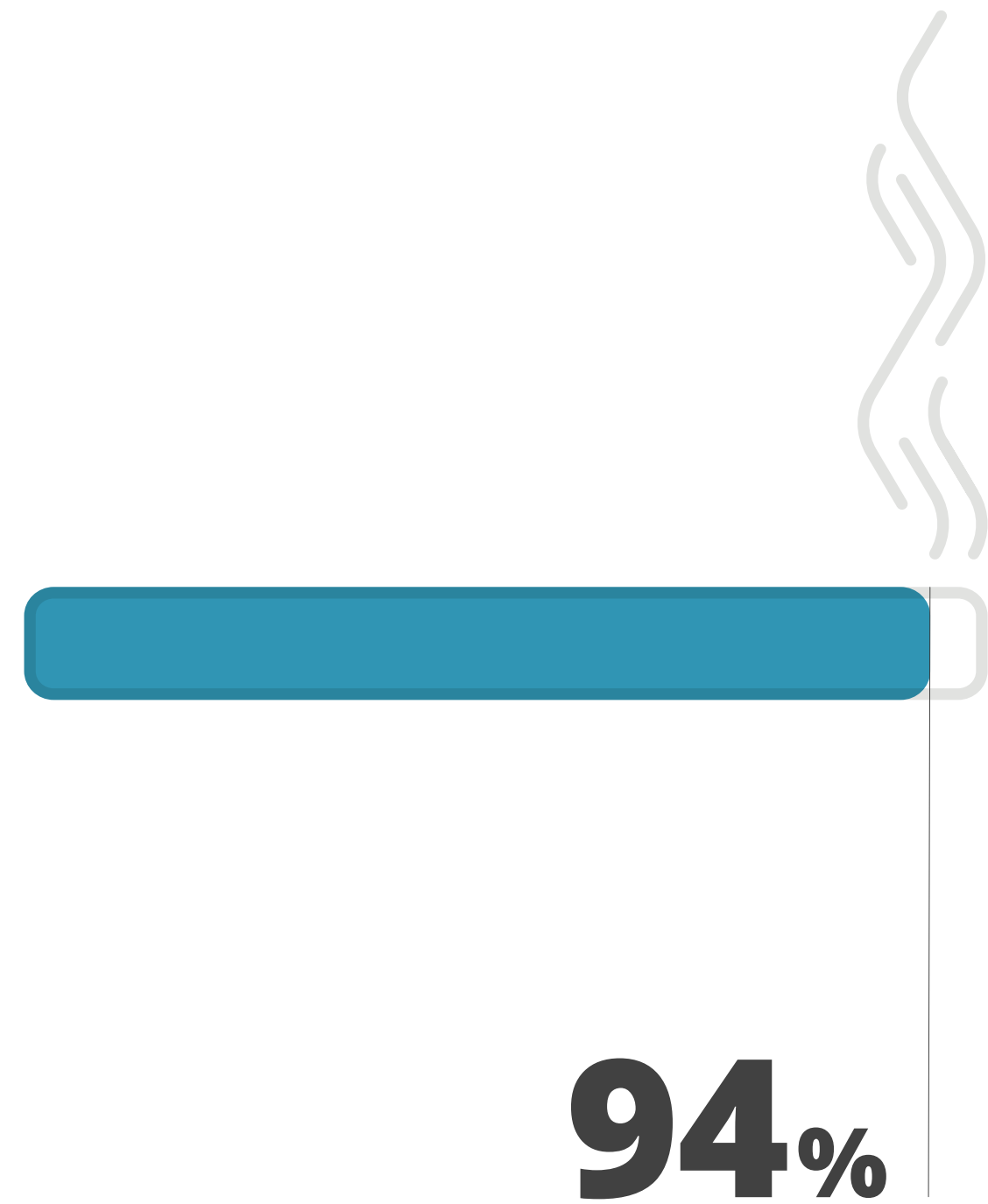


There is someone using an electronic cigarette in 25% of terraces.

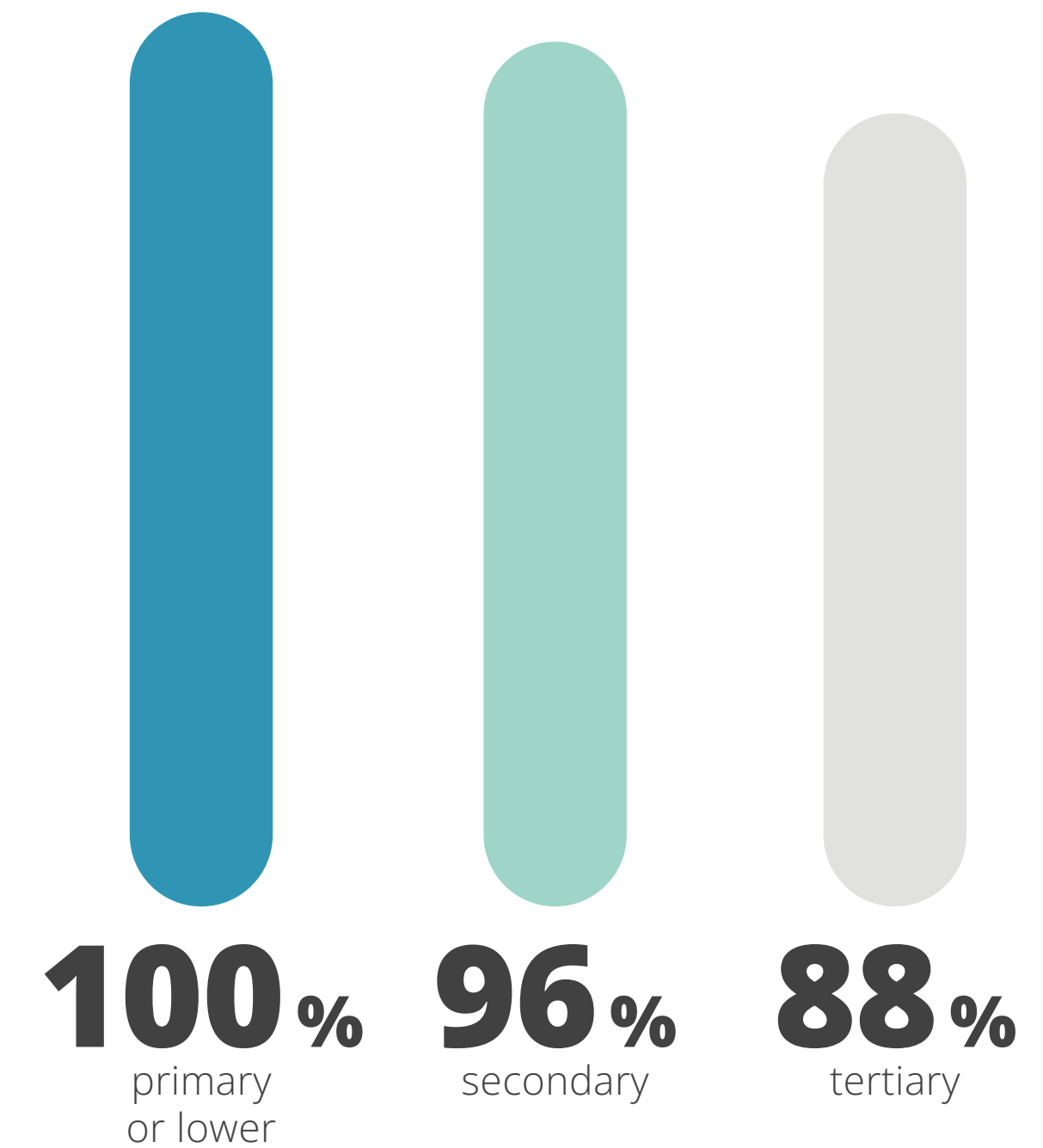


57% of people would be in favour of banning smoking and the use of electronic cigarettes on terraces.

What are the results?

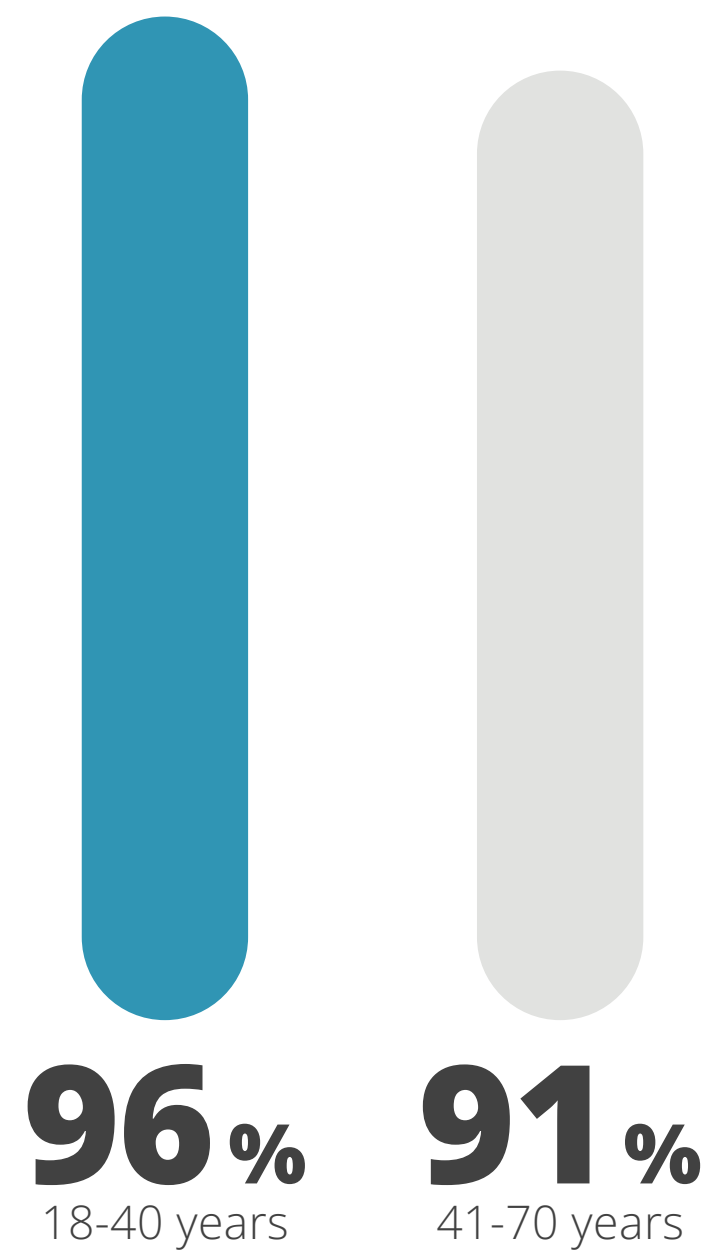


94% of users report being exposed to secondhand smoke on a terrace.

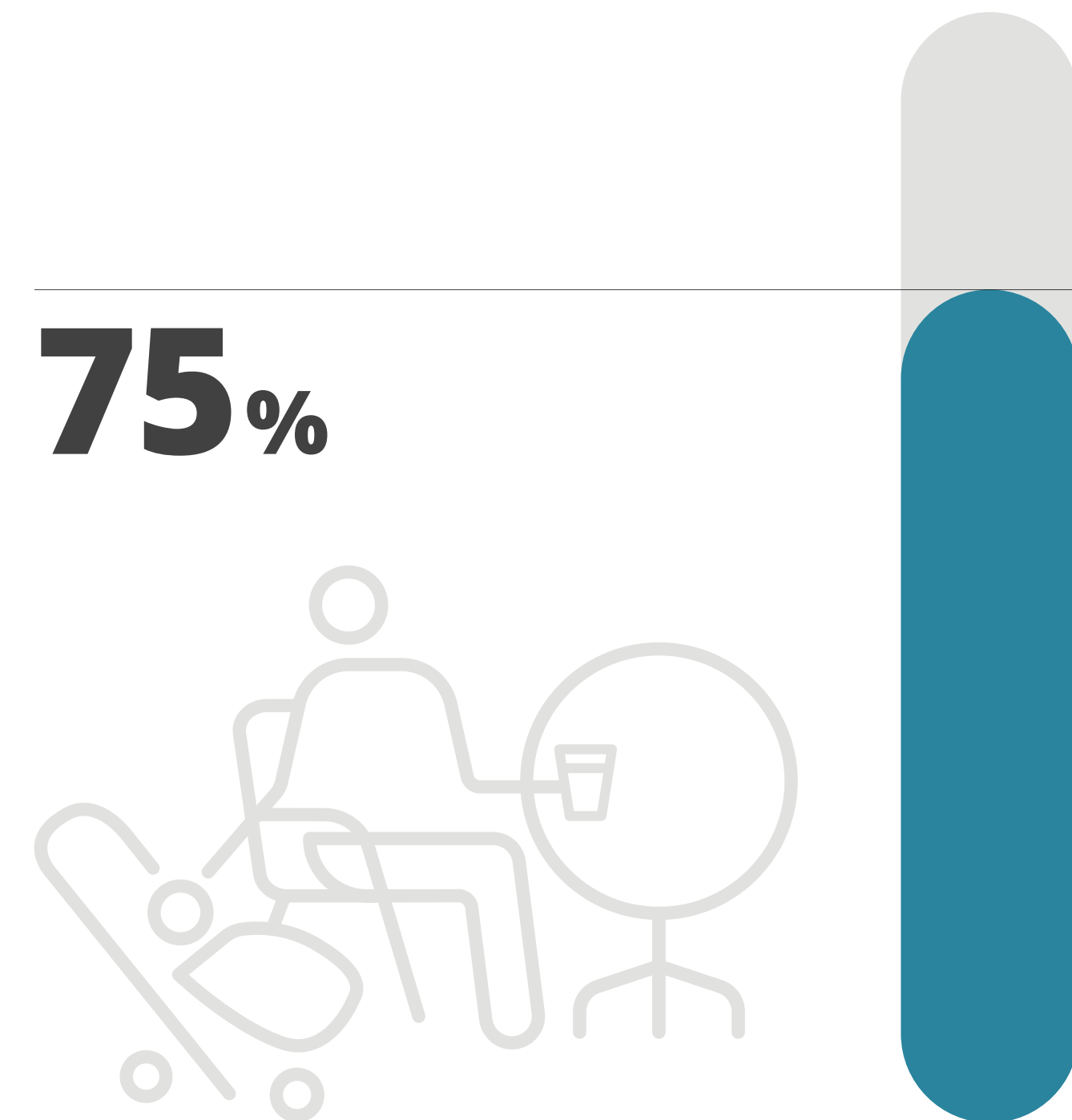


The percentage of users who report being exposed to secondhand smoke on terraces is higher among those with lower educational attainment.

What are the results?



The percentage of users who report being exposed to secondhand smoke on terraces is higher among younger people (aged 18 to 40).



75% of users report being quite or very exposed to secondhand smoke on terraces.

What are the results?



68%

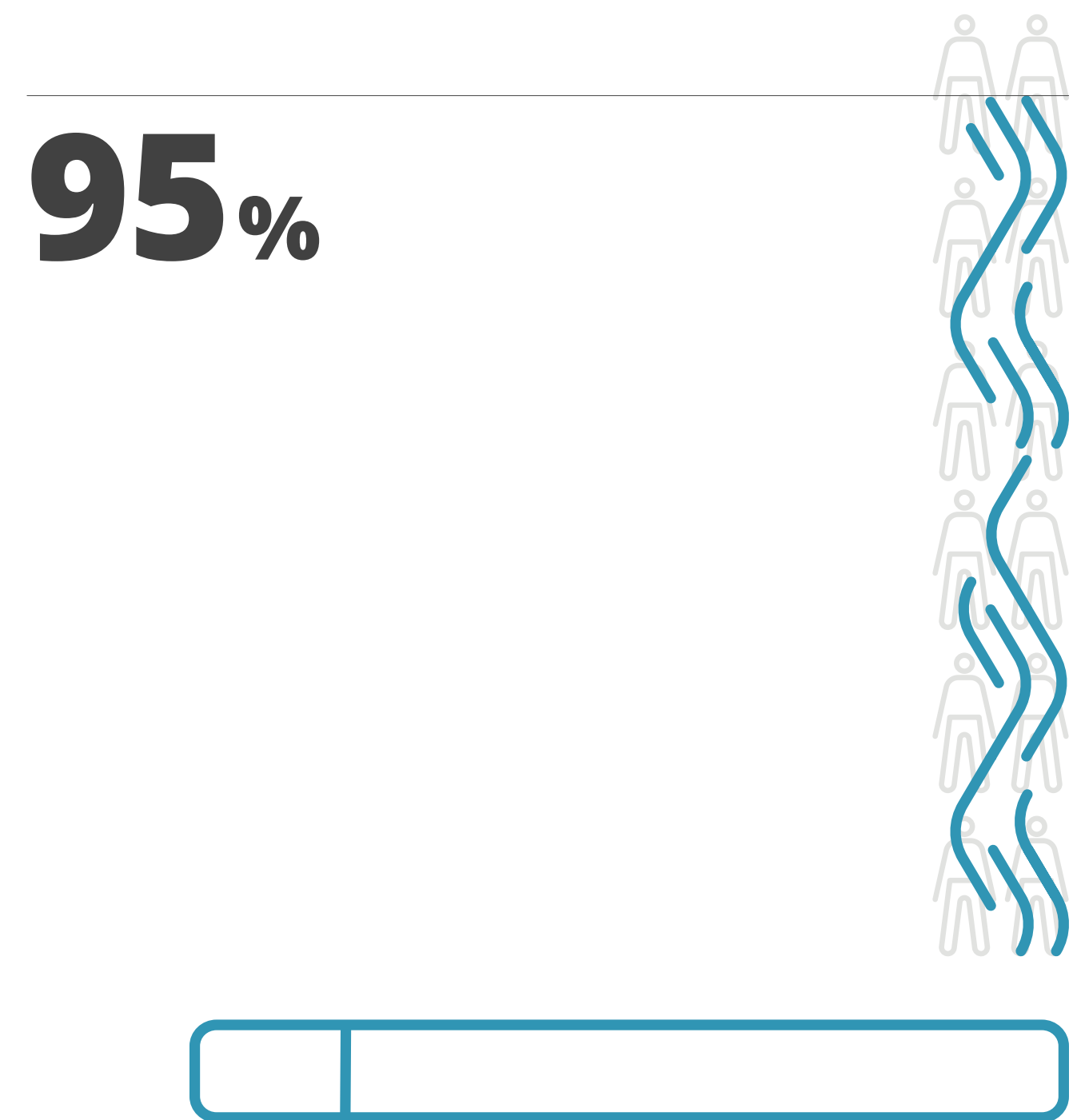
68% of users report being exposed to electronic cigarette aerosols on a terrace.



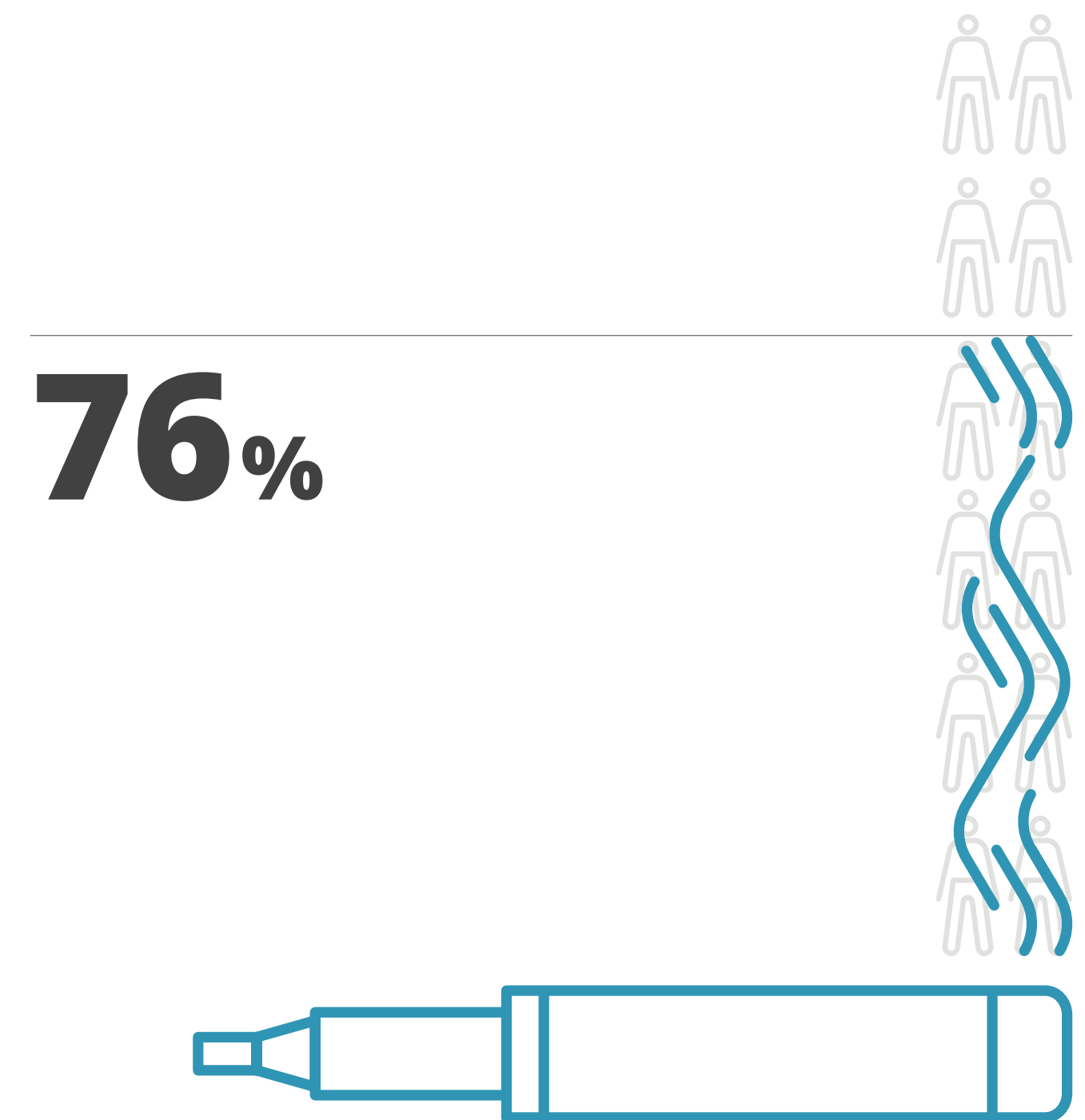
41%

41% of users report being quite or very exposed to electronic cigarette aerosols on terraces.

What are the results?



95% of users report that secondhand smoke exposure is very harmful to health.



76% of users report that exposure to electronic cigarette aerosols is very harmful to health.

Recommendation

The data show widespread exposure on virtually all terraces; a complete smoking ban on hospitality terraces should be implemented.



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