

Attud - Brief Report - Updated

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Contents

Introduction	2
Methods	2
Results	2
Participants	2
Profession	3
World Bank Classification	4
Income	4
Are you a member of Attud?	5
Are you a member of Attud? - World Bank Classification	5
Practitioner Role and Training	7
How did you learn how to treat tobacco dependence?	7
What tobacco treatment activities do you currently perform?	8
Tobacco Treatment Training in Your Country	8
Think back to your professional training curriculum. About how many hours of instruction in how to treat tobacco dependence were provided?	9
Think back to your professional training curriculum. About how many hours of instruction in how to treat tobacco dependence were provided? - World Bank Classification	10
Outside of health care provider education, is any form of training for treating tobacco dependence available in your country?	11
Outside of health care provider education, is any form of training for treating tobacco dependence available in your country? - World Bank Classification	12
Overall, how would you rate access to tobacco treatment training in your country?	13
Overall, how would you rate access to tobacco treatment training in your country? World Bank Classification	14
Overall, how would you rate the quality of the tobacco treatment training that is available in your country?	15
Overall, how would you rate the quality of the tobacco treatment training that is available in your country? World Bank Classification	15
Does your country have any form of professional certification for tobacco treatment?	17
Does your country have any form of professional certification for tobacco treatment? World Bank Classification	17

Guidelines for Tobacco Treatment	19
Does your country have national guidelines for the treatment of tobacco dependence?	19
Does your country have national guidelines for the treatment of tobacco dependence? World Bank Classification	19
Survey Collection	21
Access over time	21
Countries	21

Introduction

This is final report on the survey “International Needs for Treating Tobacco Use”. The survey aimed to understand the needs of tobacco treatment provider.

Methods

All tools used to collect, evaluate quality, analyze data were freeware or/and Open-source. For data collection we have used Ona (<https://ona.io/>), for data analysis R (R Core Team, 2015) using ggplot2 and sjPlot packages. This report was created using RMarkdown.

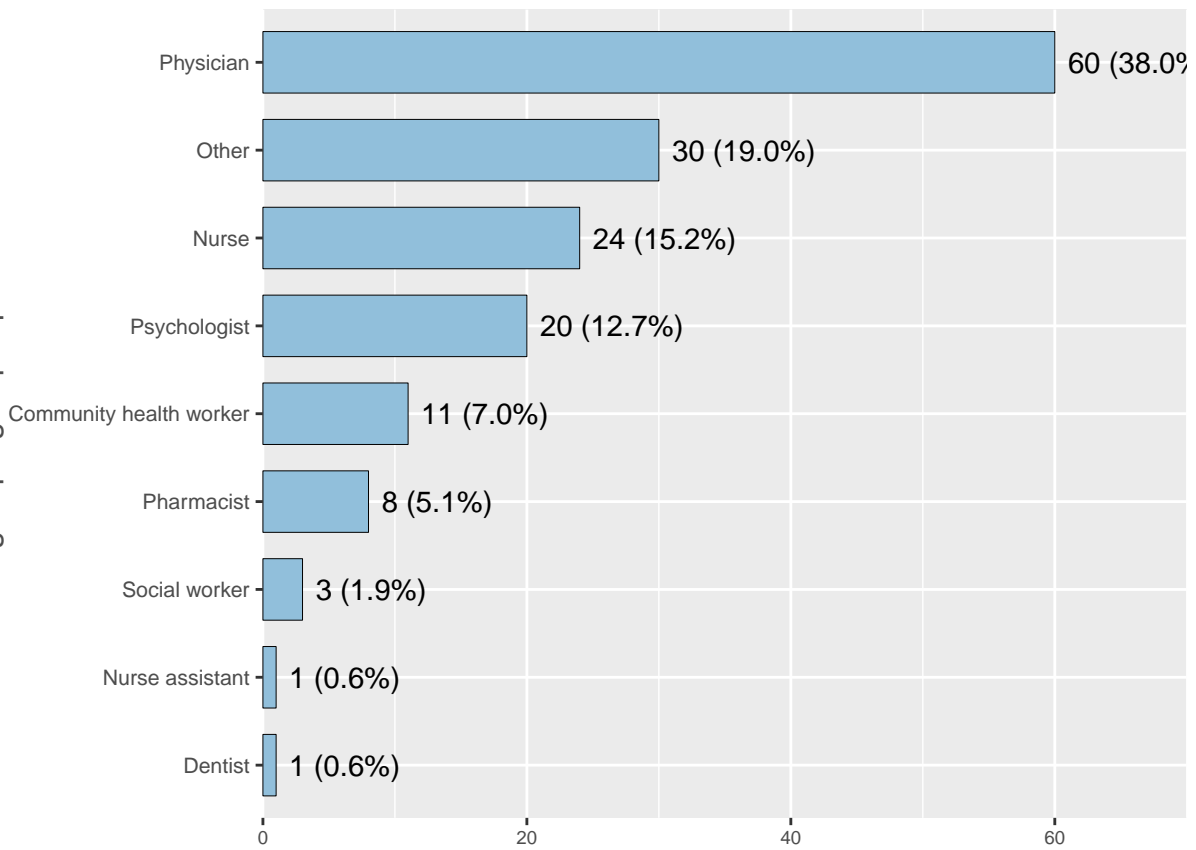
Results

Participants

The data reported here were collected from 159 valid cases. One case was considered invalid (test submission), thus removed. Most of participants were women 60.4% with mean age of 47.5 (SD = 11).

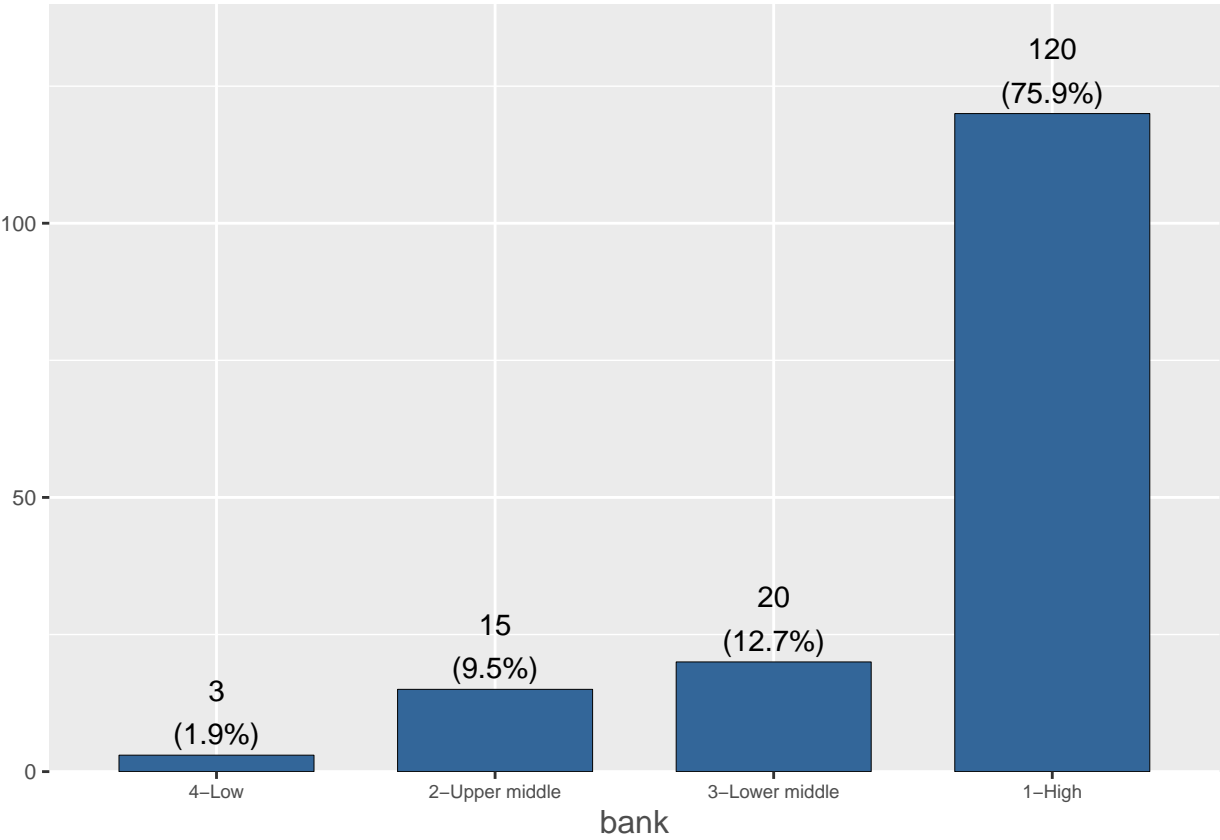
Profession

group5.group8.q17

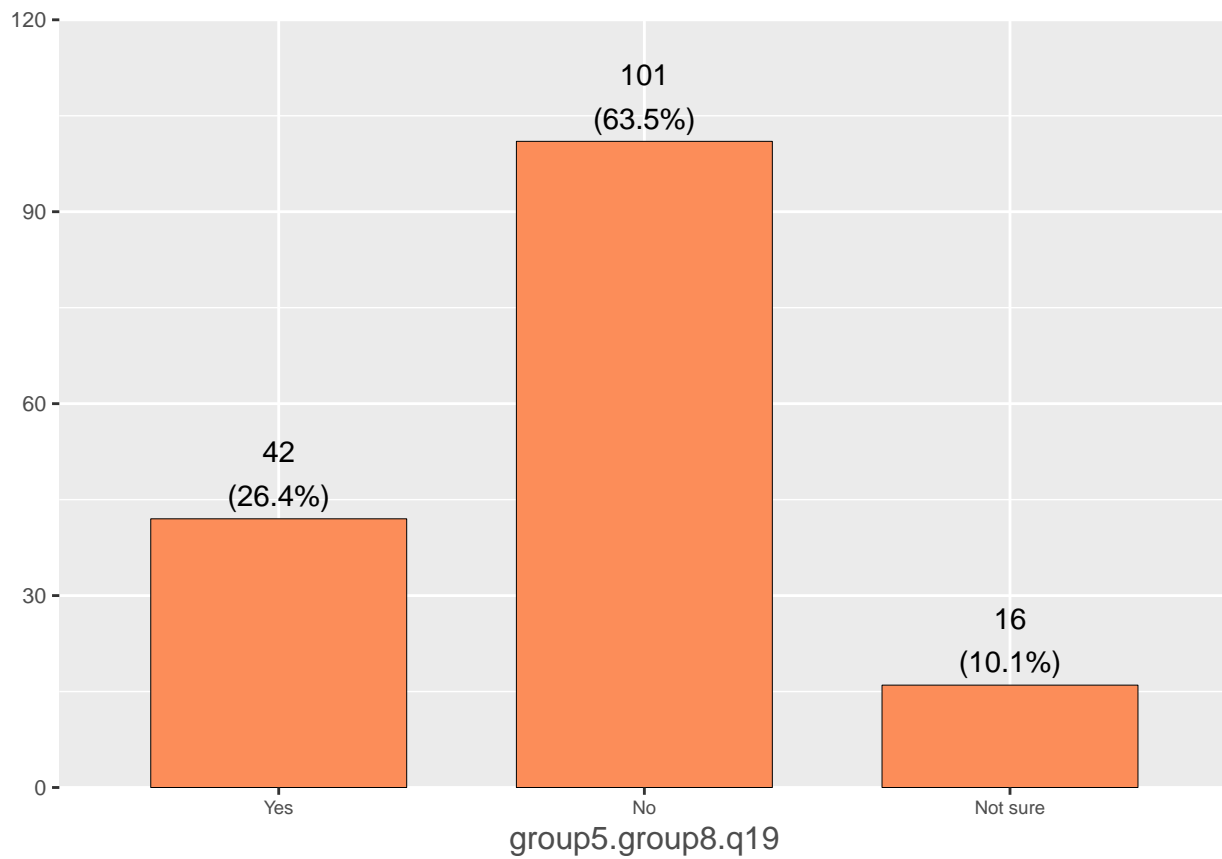


World Bank Classification

Income



Are you a member of Attud?



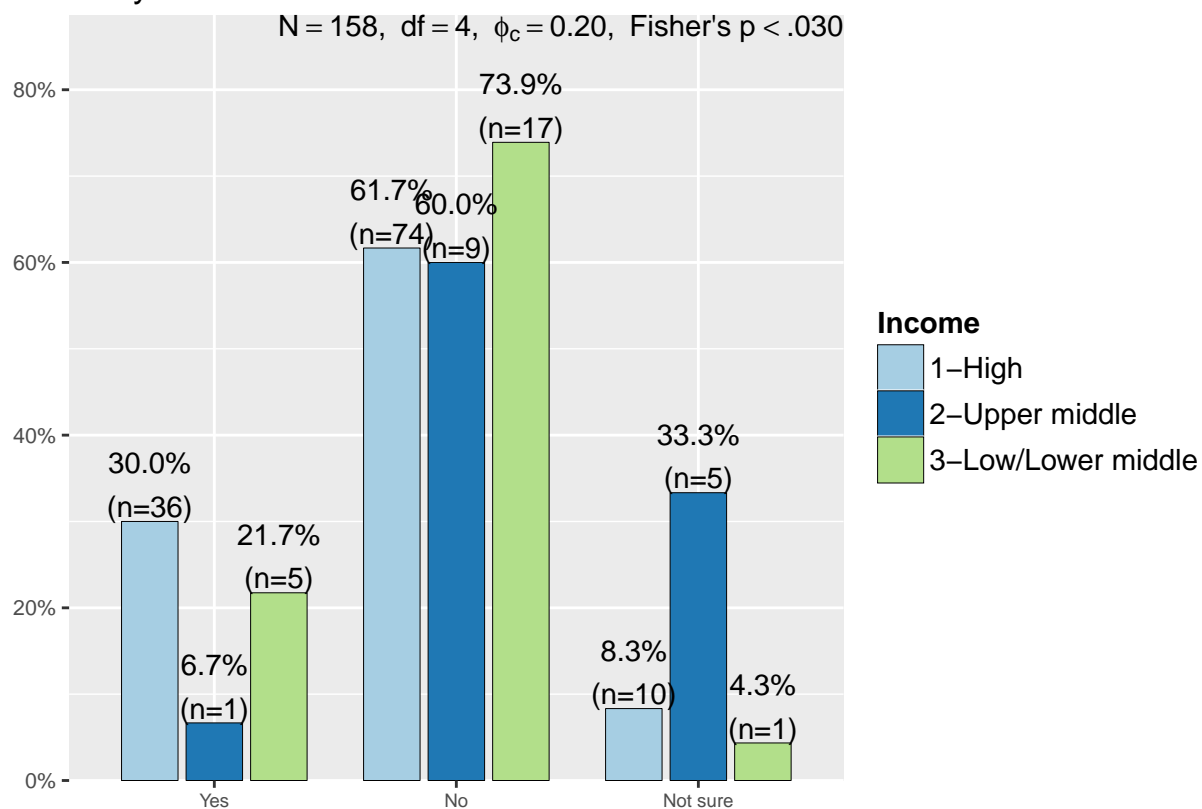
Are you a member of Attud? - World Bank Classification

```
sjp.xtab(attud$group5.group8.q19, attud$Income, margin = "col", axis.titles = "", title = "Are you a member of Attud? - World Bank Classification")
```

```
## Warning: Deprecated, use tibble::rownames_to_column() instead.
```

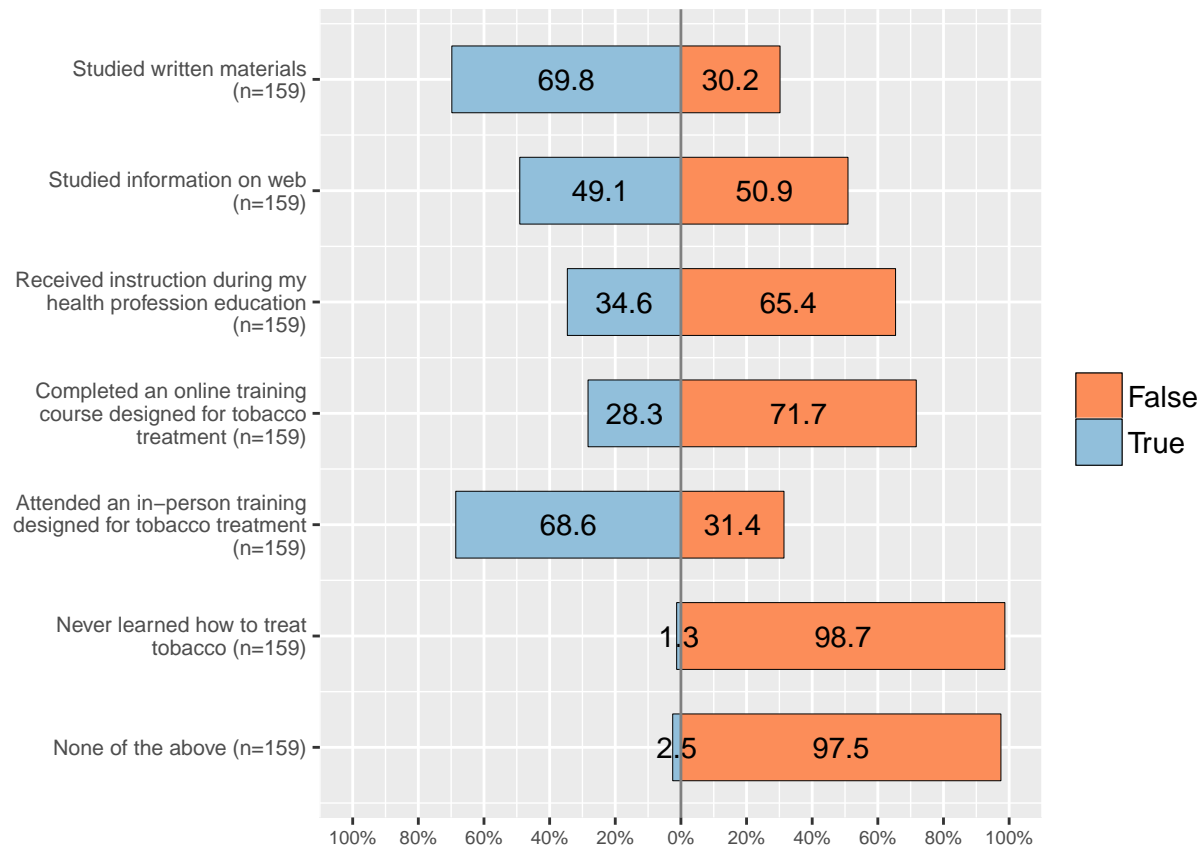
```
## Warning in stats::chisq.test(ftab): Chi-squared approximation may be incorrect
```

Are you a member of Attud?

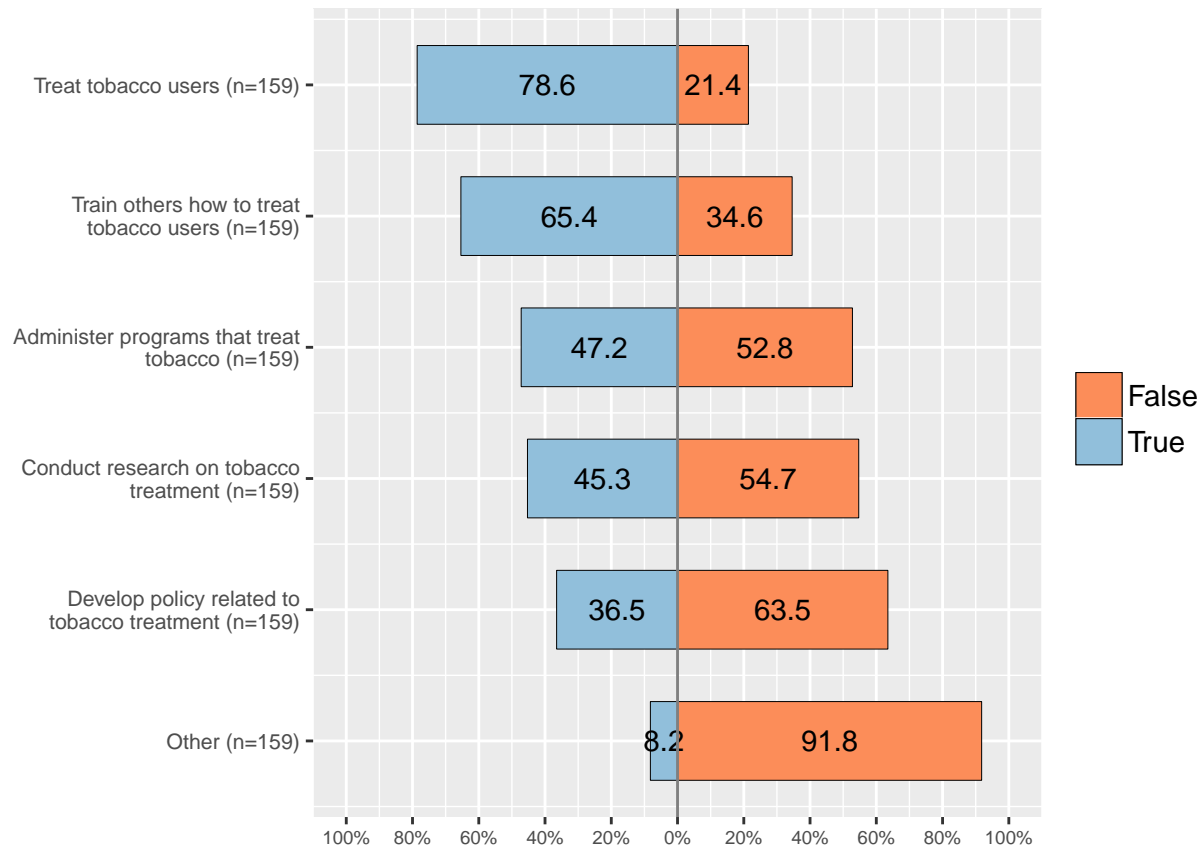


Practitioner Role and Training

How did you learn how to treat tobacco dependence?



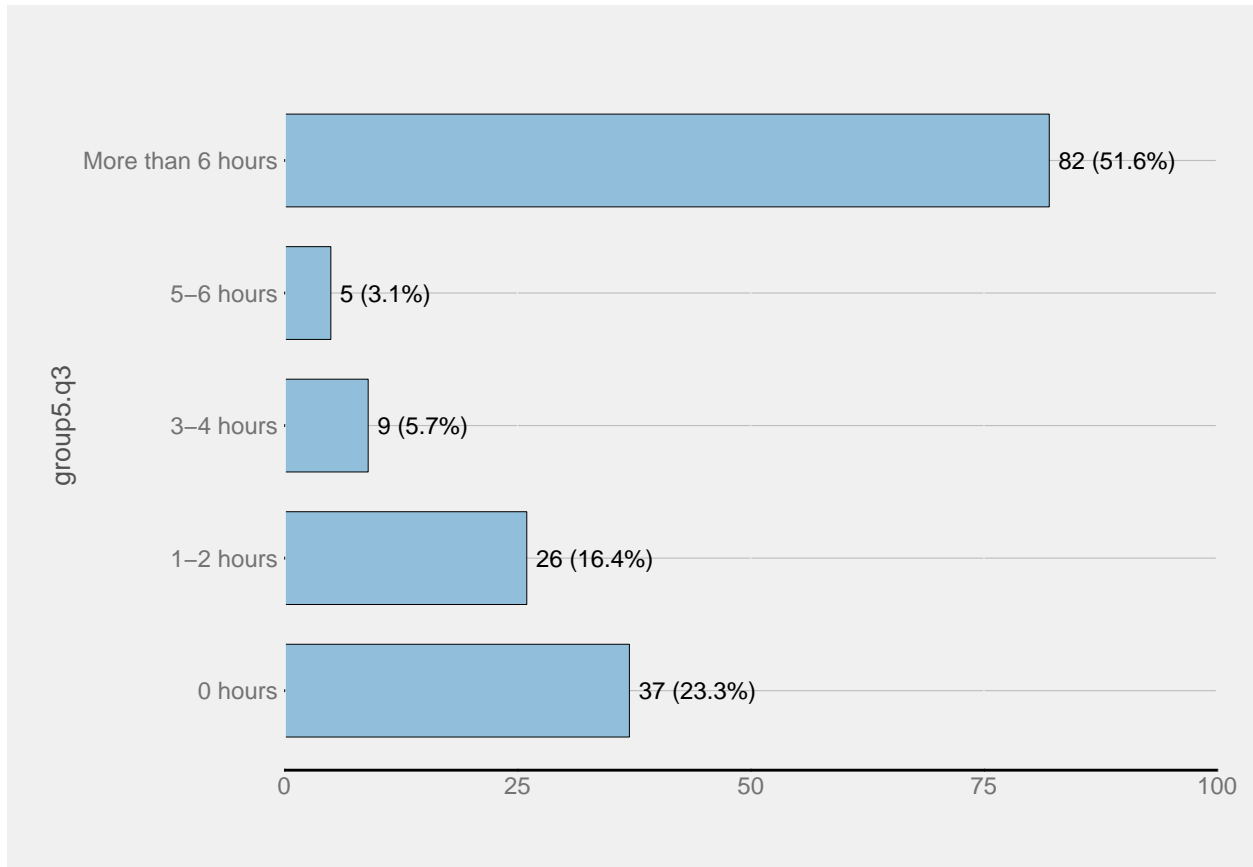
What tobacco treatment activities do you currently perform?



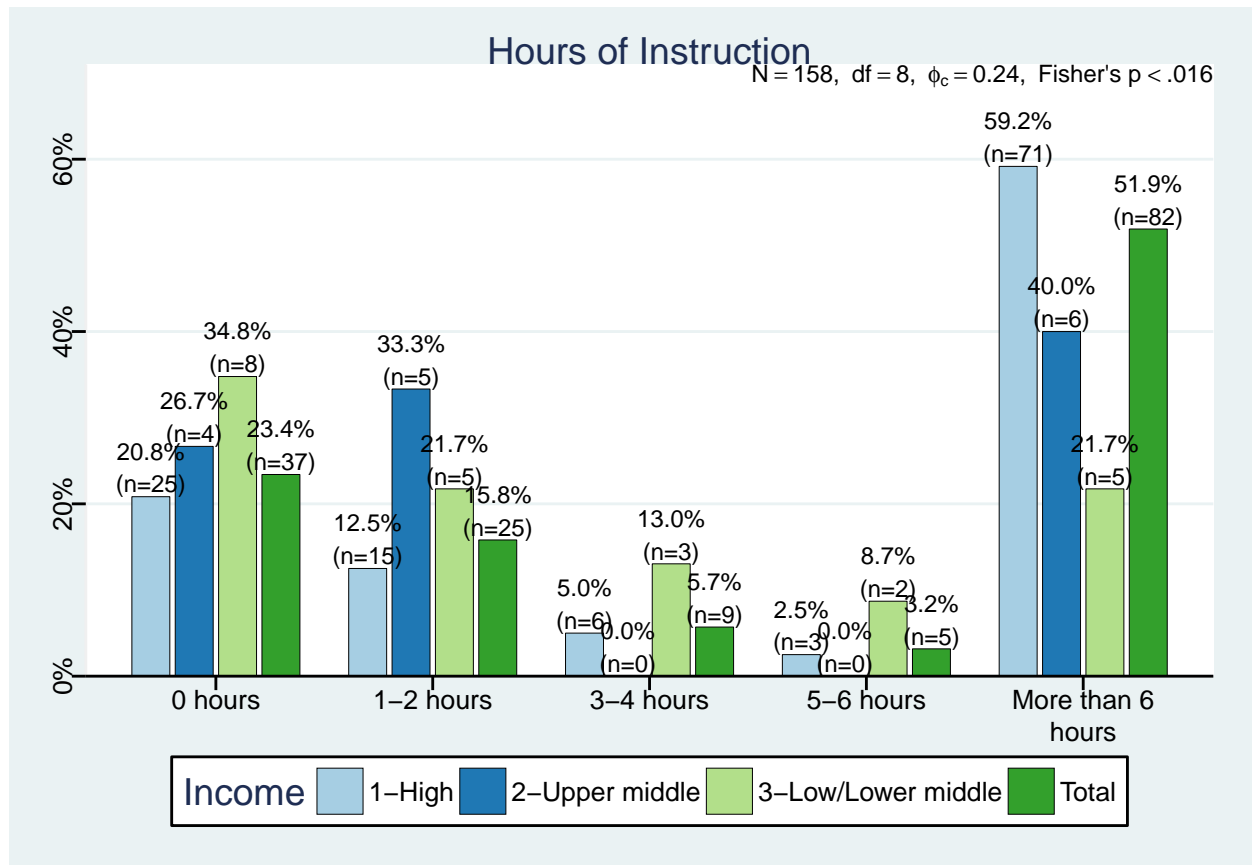
Tobacco Treatment Training in Your Country

```
sjp.setTheme("539",  
  axis.title.size = .85,  
  axis.textsize = .85,  
  legend.size = .8,  
  geom.label.size = 3,  
  geom.label.color = "black")
```

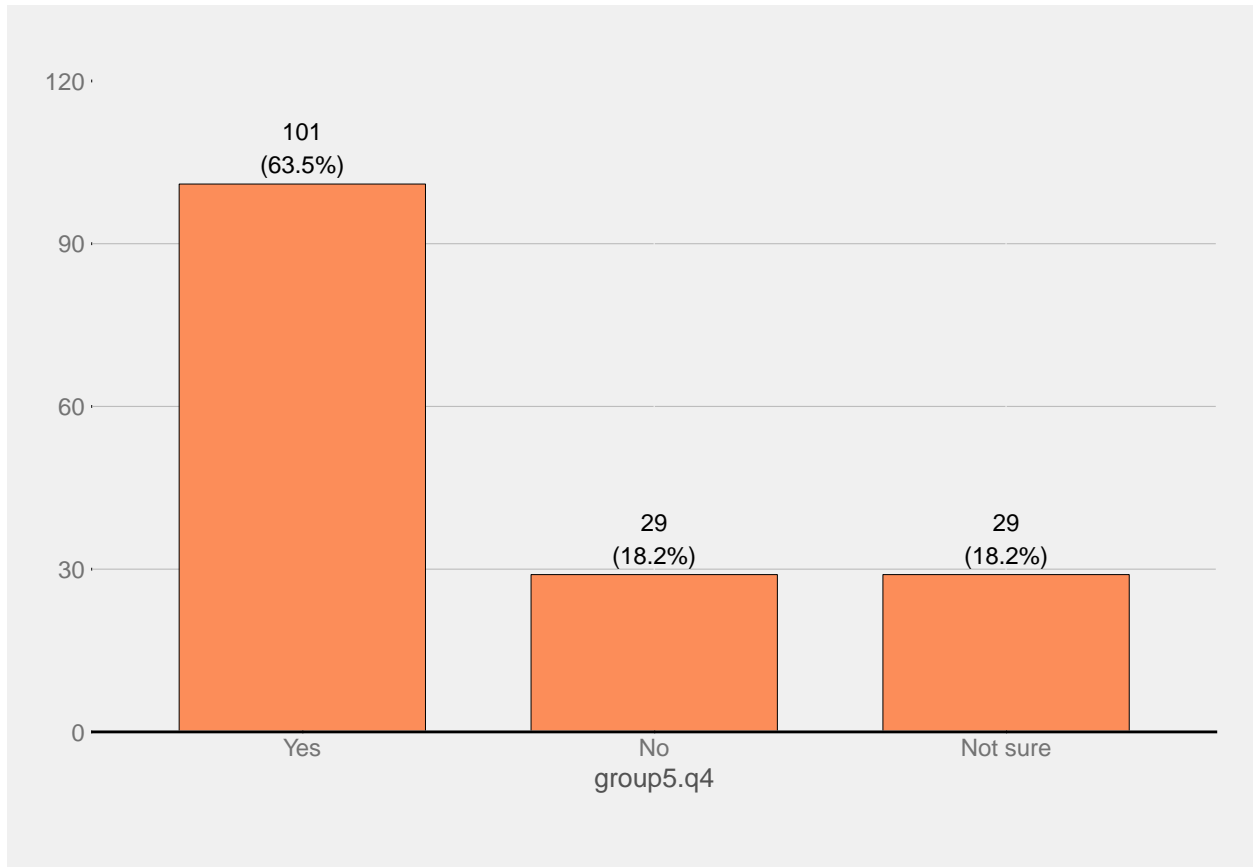

Think back to your professional training curriculum. About how many hours of instruction in how to treat tobacco dependence were provided?



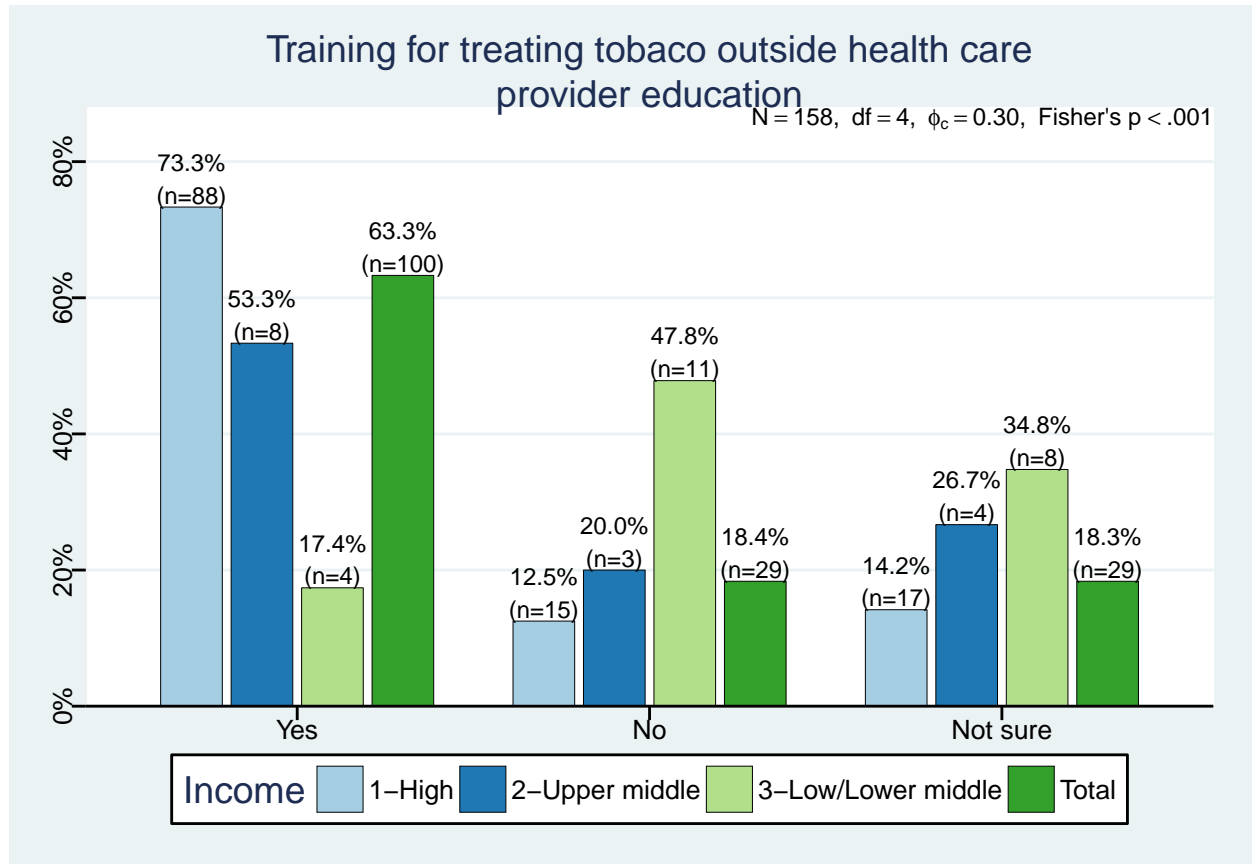
Think back to your professional training curriculum. About how many hours of instruction in how to treat tobacco dependence were provided? - World Bank Classification



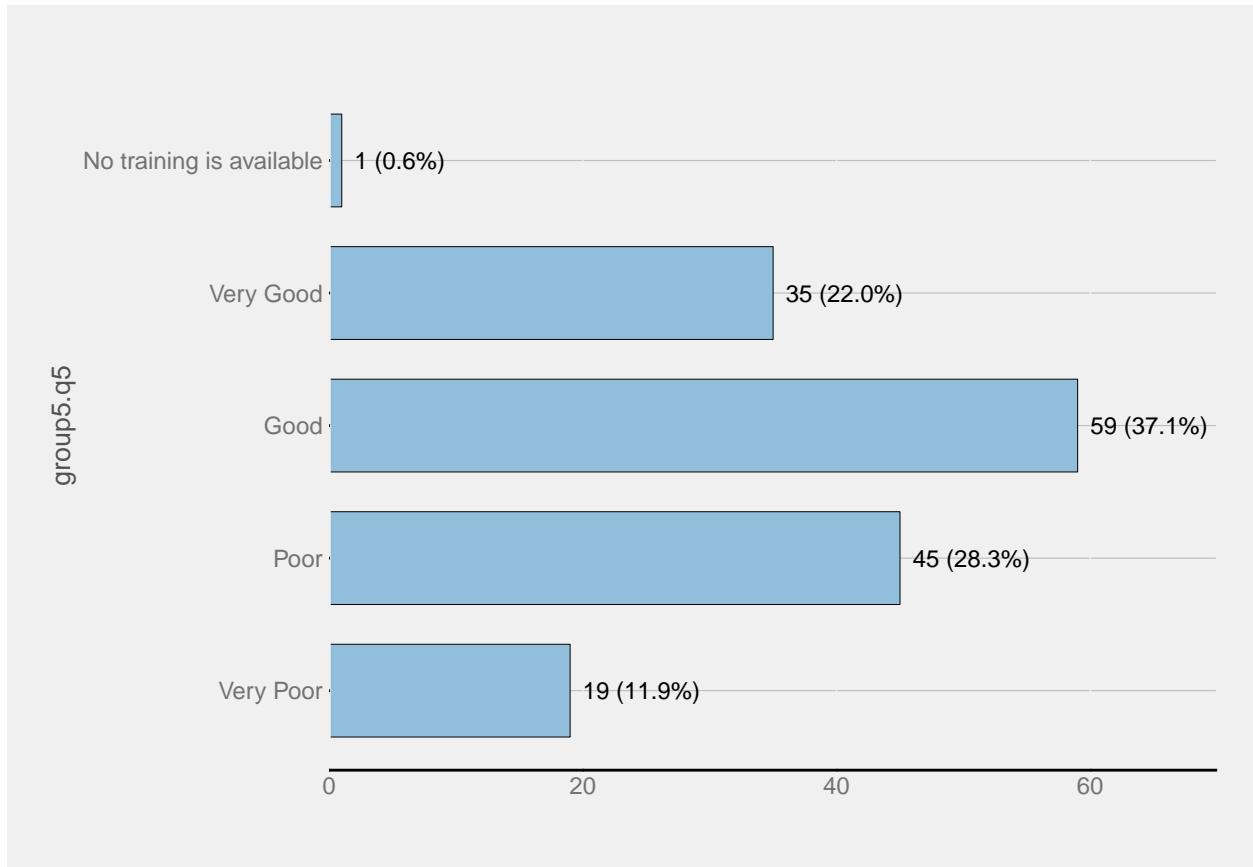
Outside of health care provider education, is any form of training for treating tobacco dependence available in your country?



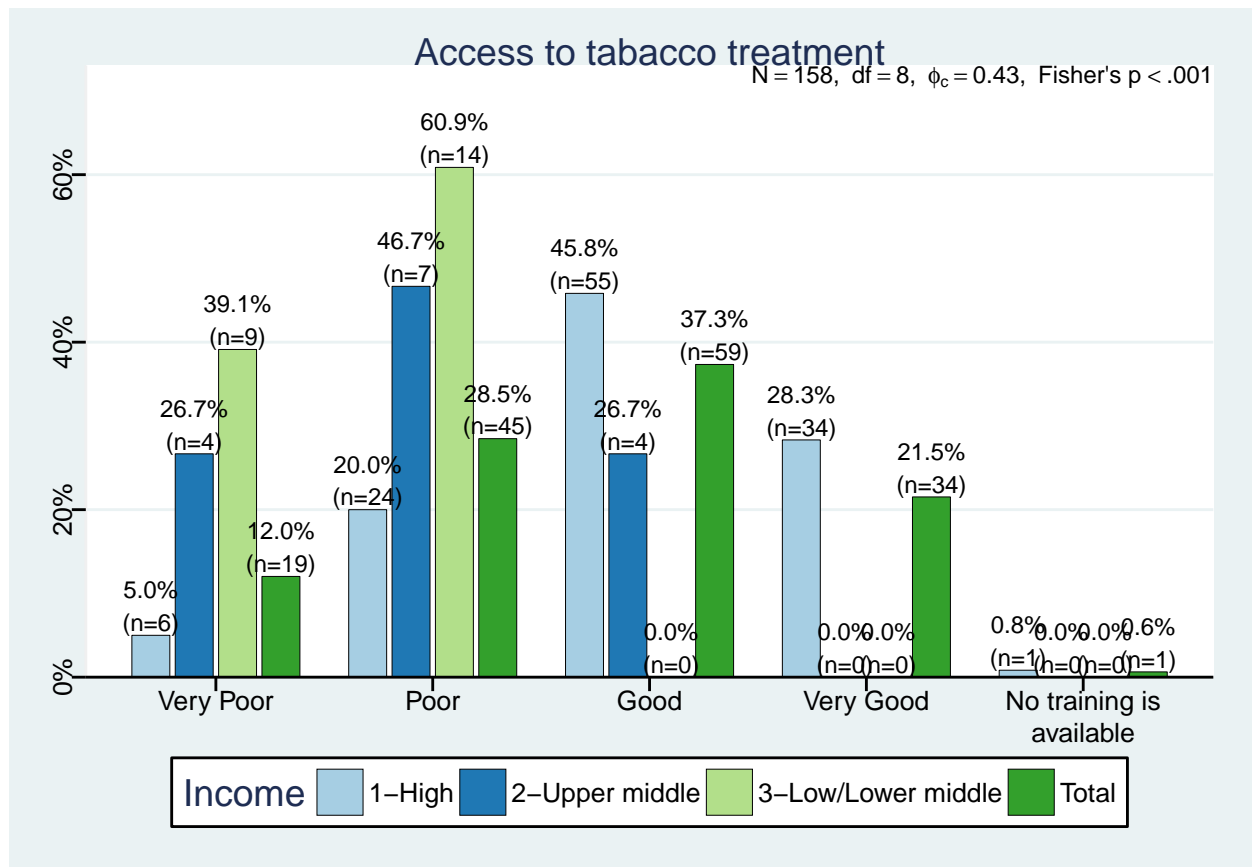
Outside of health care provider education, is any form of training for treating tobacco dependence available in your country? - World Bank Classification



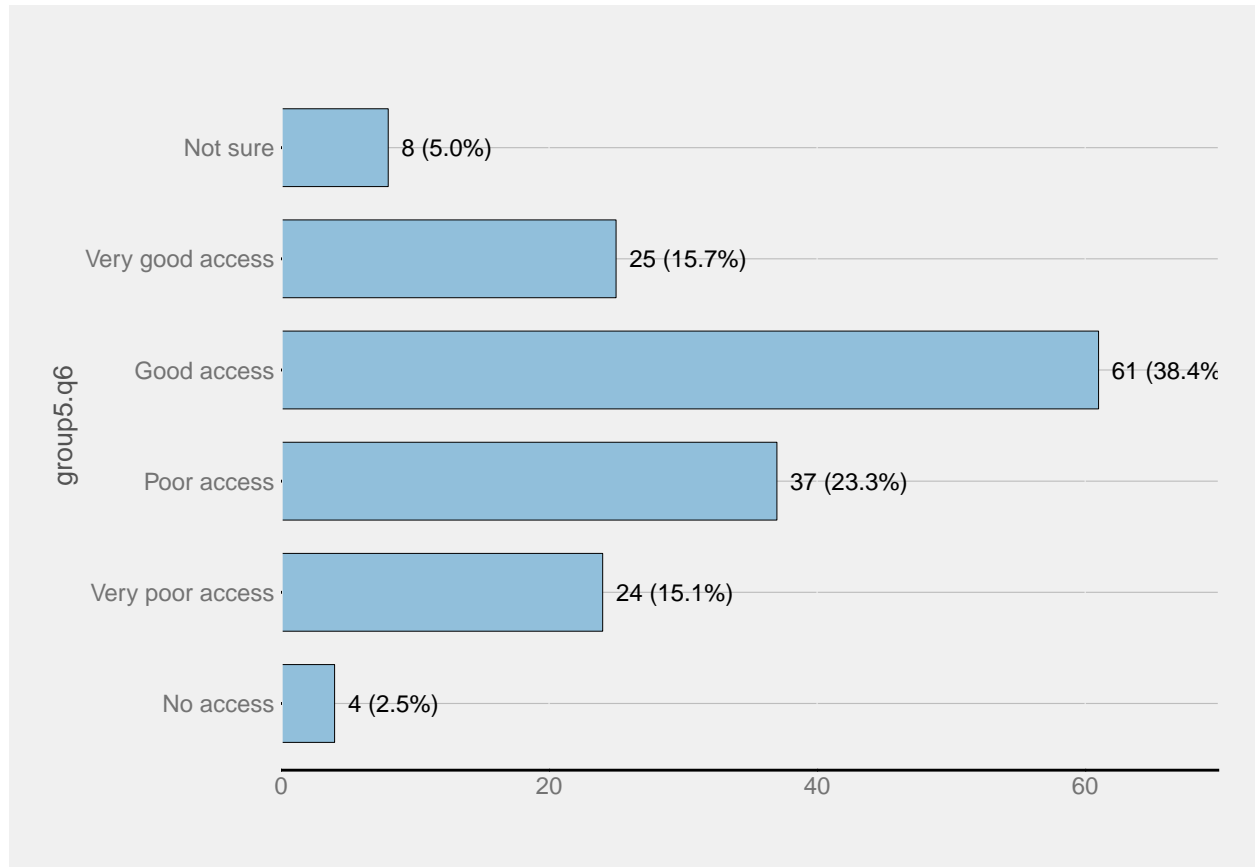
Overall, how would you rate access to tobacco treatment training in your country?



Overall, how would you rate access to tobacco treatment training in your country? World Bank Classification



Overall, how would you rate the quality of the tobacco treatment training that is available in your country?

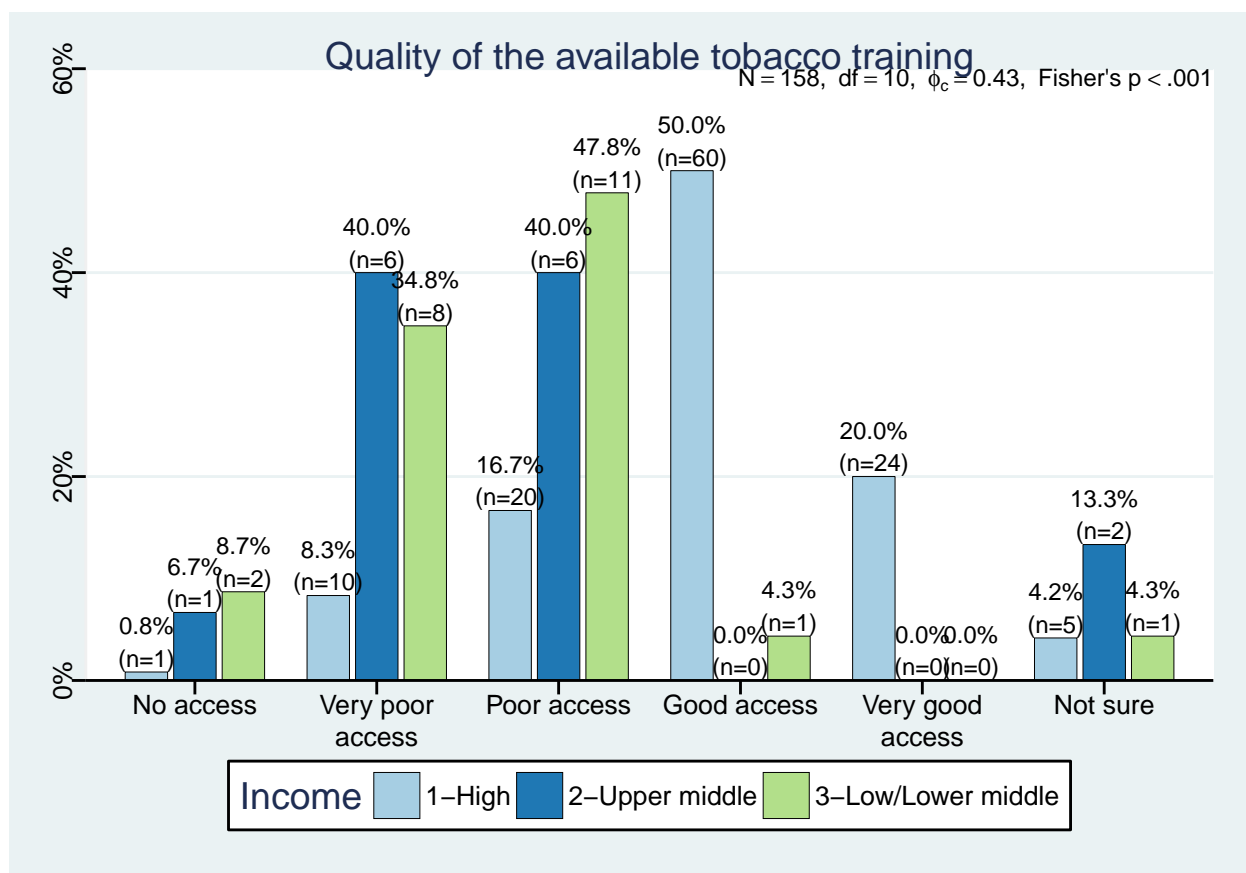


Overall, how would you rate the quality of the tobacco treatment training that is available in your country? World Bank Classification

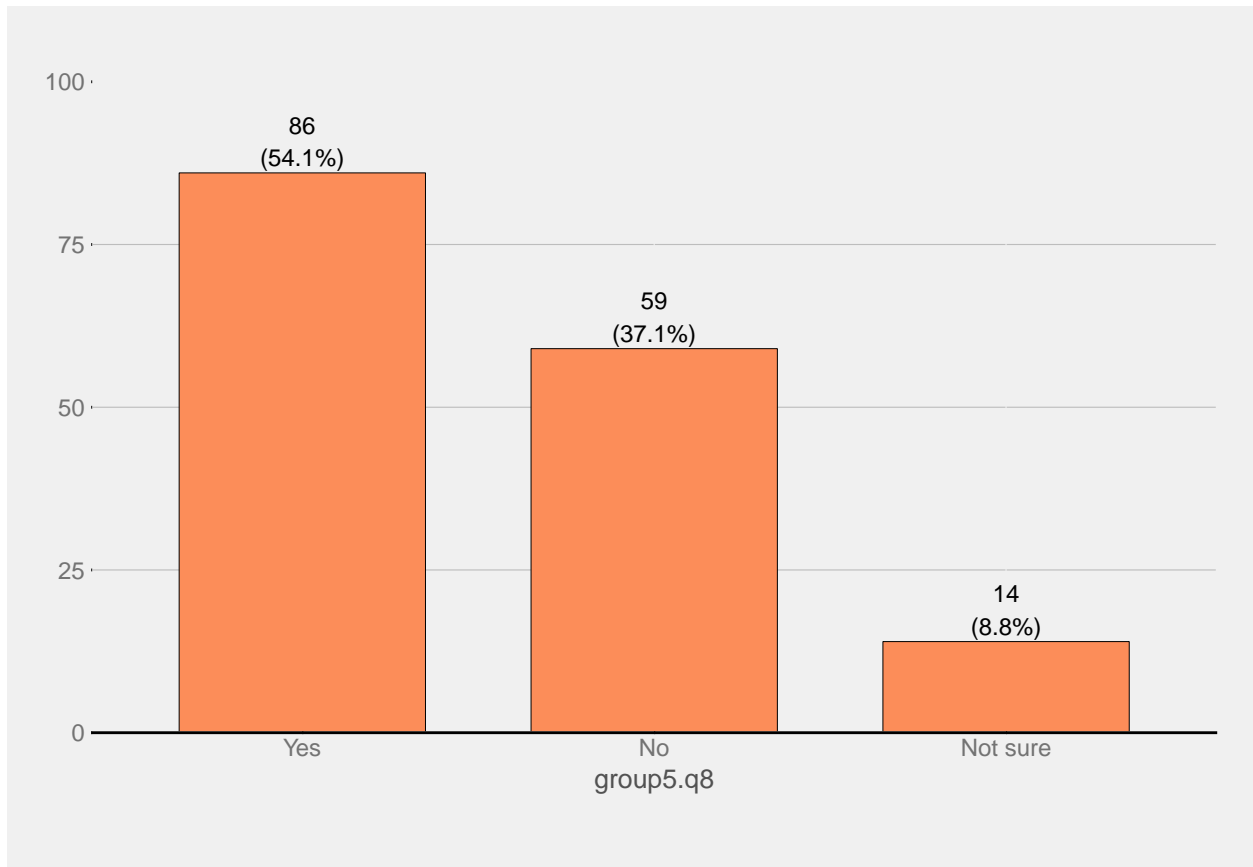
```
sjp.xtab(attud$group5.q6, attud$Income, margin = "col", axis.titles="", title = "Quality of the available tobacco treatment training")
```

```
## Warning: Deprecated, use tibble::rownames_to_column() instead.
```

```
## Warning in stats::chisq.test(ftab): Chi-squared approximation may be incorrect
```



Does your country have any form of professional certification for tobacco treatment?



Does your country have any form of professional certification for tobacco treatment? World Bank Classification

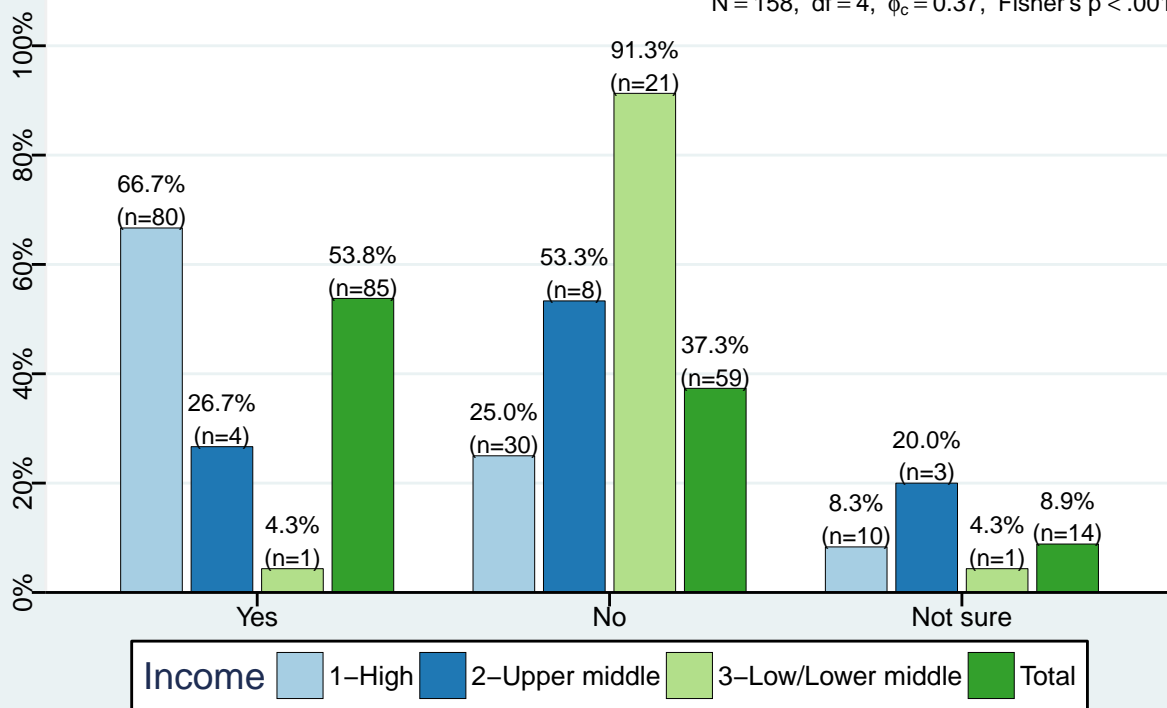
```
sjp.xtab(attud$group5.q8, attud$Income, margin = "col", axis.titles="", title = "Country Had Some Form of Professional Certification for Tobacco Treatment")
```

```
## Warning: Deprecated, use tibble::rownames_to_column() instead.
```

```
## Warning in stats::chisq.test(ftab): Chi-squared approximation may be incorrect
```

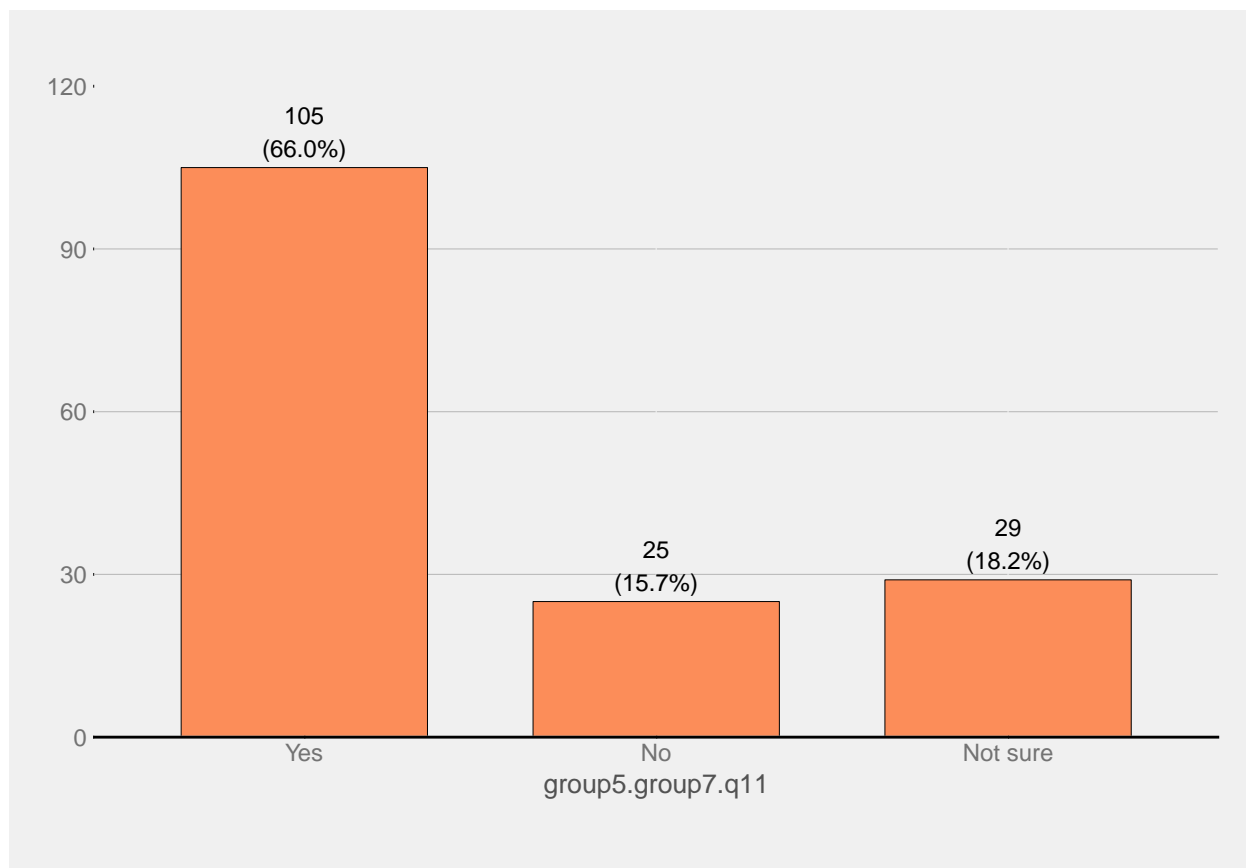
Country Had Some Form of Professional Certification

N = 158, df = 4, $\phi_c = 0.37$, Fisher's $p < .001$



Guidelines for Tobacco Treatment

Does your country have national guidelines for the treatment of tobacco dependence?



Does your country have national guidelines for the treatment of tobacco dependence? World Bank Classification

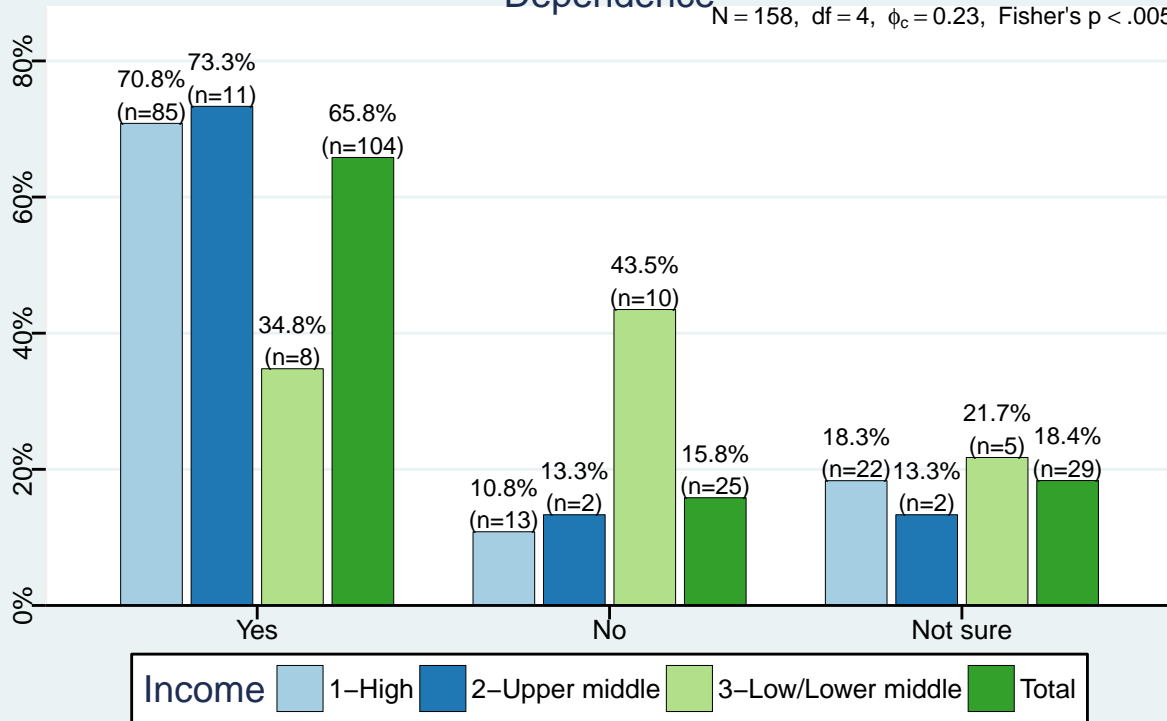
```
sjp.xtab(attud$group5.group7.q11, attud$Income, margin = "col", rev.order=F, show.n=T,axis.titles="", t
```

```
## Warning: Deprecated, use tibble::rownames_to_column() instead.
```

```
## Warning in stats::chisq.test(ftab): Chi-squared approximation may be  
## incorrect
```

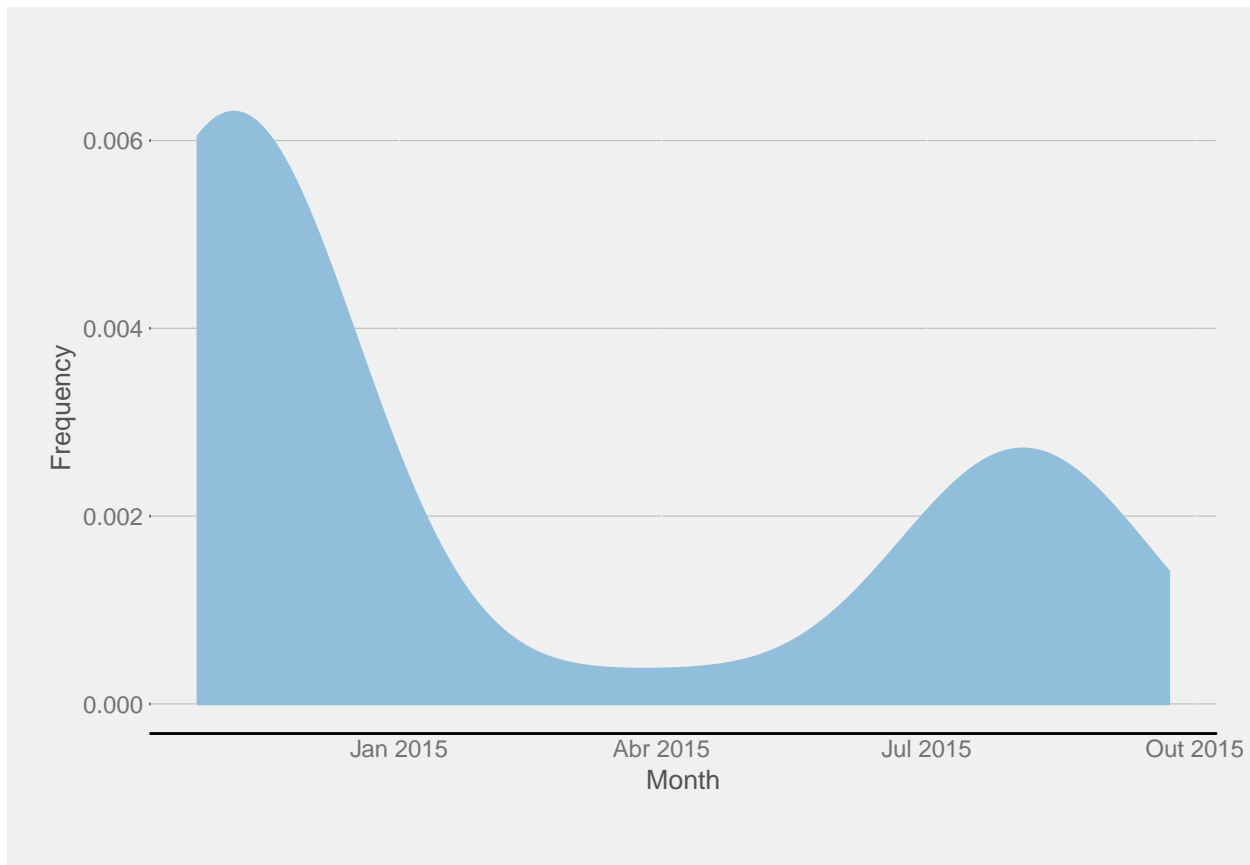
National Guidelines for Treatment of Tobacco Dependence

N = 158, df = 4, $\phi_c = 0.23$, Fisher's $p < .005$



Survey Collection

Access over time



Countries

```
## Import list with uncoded countries
uncoded <- read.csv("R/uncodedCountries.csv")
## Import list with coded countries
coded <- read.csv("R/codedCountries.csv", col.names = c("code", "local_name"))
## Merge the two lists
listCountries <- merge(coded, uncoded, by = "local_name")
## Table results from attud questionnaire
teste <- as.data.frame(table(attud$group5.group8.q18))
## Pick good names for dataframe
colnames(teste) <- c("code", "Freq")
#### Convert vars into character
teste$code <- as.character(teste$code)
listCountries$code <- as.character(listCountries$code)
listCountries$local_name <- as.character(listCountries$local_name)
# Merge table and list of codes
table1 <- merge(teste, listCountries, by = "code")
```

```

# Subset the data for countries that answered the survey at least once
table2 <- subset(table1, table1$Freq > 0)
# Create data from two variables - frequency and English name
finalCountryTable <- table2[, c("Freq", "en_name", "region")]
# Sort the data
sorted <- finalCountryTable[order(-finalCountryTable$Freq), ]
print(sorted)

```

##	Freq	en_name	region
## 20	19	Taiwan (Republic of China)	Eastern Asia
## 23	19	Australia	Australia
## 26	19	United States	North America
## 43	11	Spain	Southern Europe
## 35	8	Canada	North North America
## 41	7	Ireland	Northern Europe
## 13	6	Argentina	Southern South America
## 29	6	Israel	Middle East, Western Asia
## 4	5	Egypt	Africa, Middle East
## 7	5	Nigeria	West Africa
## 32	4	India	South-Central Asia
## 33	4	Brazil	Central Eastern South America
## 3	3	Malaysia	Southeast Asia
## 36	3	Czech Republic	Eastern Europe
## 37	3	Chile	Western South America
## 45	3	Jordan	Middle East, Western Asia
## 1	2	Jamaica	Greater Antilles, Caribbean
## 12	2	Uruguay	Central East South America
## 27	2	Venezuela	Northern South America
## 39	2	Germany	Western Europe
## 44	2	France	Western Europe
## 2	1	Kenya	Eastern Africa
## 5	1	Antarctica	Antarctica
## 6	1	Nepal	South-Central Asia
## 8	1	Pakistan	South-Central Asia
## 9	1	Peru	Western South America
## 10	1	Portugal	Southern Europe
## 11	1	New Zealand	Oceania; Australia
## 14	1	Georgia	Western Asia
## 15	1	Oman	Middle East
## 16	1	Switzerland	Western Europe
## 17	1	Singapore	Southeast Asia
## 18	1	Saudi Arabia	Arabian Peninsula, Middle East
## 19	1	Sweden	Northern Europe
## 21	1	Sudan	Northern Africa
## 22	1	Turkey	Southeastern Europe, Western Asia
## 24	1	Uganda	Eastern Africa
## 25	1	United Kingdom	Northern Europe
## 28	1	Vietnam	South-East Asia
## 30	1	Bangladesh	South-Central Asia
## 31	1	Belgium	Western Europe
## 34	1	Burkina Faso	West Africa
## 38	1	Denmark	Northern Europe
## 40	1	Ecuador	North West South America

## 42	1	Greece	Southern Europe
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```
# Row 13 is from Antarctica! What to do in this case?  
write.csv(sorted, "freqTablebyCountry.csv")
```