

Turkey's Education Levels and Exposure to Print Media*

Youngho Kim, Laura Lee-Chu, Sebastian Rodriguez

March 24, 2023

Table of contents

1	Introduction	2
2	Data	2
3	Discussion	3
4	Inclusive Acknowledgements	3
5	References	3

*Code and data supporting this analysis is available at: <https://github.com/seb646/turkey-education-media>

1 Introduction

2 Data

Background Characteristic	Level of Education					Number of People
	No Education	Primary Incomplete	Primary Complete	Secondary Incomplete	Secondary Complete+	
Women - Age						
15-19	5.8	4.8	44.4	27.7	17.3	1720
20-24	9.4	2.4	51.3	9.9	26.9	1558
25-29	13.3	2.5	54.1	10.4	19.7	1397
30-34	15.5	3.8	54.1	8.2	18.4	1202
35-39	22.9	6.6	49.2	6.5	14.9	1081
40-44	31.6	9.4	39.7	6.4	12.9	885
45-49	39.5	9.5	36.2	5.6	9.3	733
Women - Residence						
Urban	14.1	3.9	43.3	14.5	24.2	5704
Rural	21.9	7.1	57.3	7.5	6.2	2872
Husbands - Age						
15-24	0.0	3.0	42.9	27.7	26.4	113
25-29	1.8	2.8	38.3	25.3	31.8	342
30-34	3.9	3.4	38.8	24.2	29.8	364
35-39	3.9	2.7	45.9	17.9	29.5	352
40-44	5.9	2.2	47.9	17.7	26.2	335
45-49	8.5	4.0	47.7	19.3	20.5	240
50+	25.1	9.6	38.4	15.4	11.5	226
Husbands - Residence						
Urban	4.7	2.6	36.4	22.5	33.7	1347
Rural	10.8	6.2	56.6	17.0	9.5	624

Table 1: Education Levels

Background Characteristic	Women		Husbands	
	Weekly Newspaper Reading	Number of Women	Weekly Newspaper Reading	Number of Husbands
Age				
15-19	36.6	1720	*	4
20-24	39.1	1558	56.1	109
25-29	33.1	1397	66.7	342
30-34	29.8	1202	66.8	364
35-39	27.8	1081	64.5	352
40-44	26.2	885	59.5	335
45-49	25.4	733	56.9	240
50-54	NA	NA	43.6	226
Residence				
Urban	40.9	5704	68.2	1347
Rural	15.4	2872	44.1	624

Table 2: Exposure to Print Media

3 Discussion

4 Inclusive Acknowledgements

Land Acknowledgement

We wish to acknowledge the land on which this data was analysed. For thousands of years, it has been the traditional land of the Huron-Wendat, the Seneca, and the Mississaugas of the Credit. Today, this meeting place is still the home to many Indigenous people from across Turtle Island and we are grateful to have the opportunity to work on this land.

This statement was originally prepared in consultation with First Nations House and the Elders Circle for use at the University of Toronto (*Land Acknowledgement* n.d.).

Data Acknowledgement

The data used in this paper was obtained from the Demographic and Health Surveys (DHS), a program of the United States Agency for International Development (USAID). The DHS and USAID gathered this data from the 1998 Turkey Demographic and Health Survey, originally collected by Hacettepe University, Institute of Population Studies and Macro International.

Resources Acknowledgment

The primary tool used to analyse data in this paper is R, an open-source statistical programming language (R Core Team 2022b). The paper also uses a number of R packages, including: dplyr (Wickham et al. 2022), foreign (R Core Team 2022a), ggplot2 (Wickham 2016), here (Müller 2020), janitor (Firke 2021), kableExtra (Zhu 2021), knitr (Xie 2023), lubridate (Grolemund and Wickham 2011), readr (Wickham, Hester, and Bryan 2022), RColorBrewer (Neuwirth 2022), scales (Wickham and Seidel 2022), and tidyverse (Wickham et al. 2019).

5 References

- Firke, Sam. 2021. *Janitor: Simple Tools for Examining and Cleaning Dirty Data*. <https://CRAN.R-project.org/package=janitor>.
- Grolemund, Garrett, and Hadley Wickham. 2011. “Dates and Times Made Easy with lubridate.” *Journal of Statistical Software* 40 (3): 1–25. <https://www.jstatsoft.org/v40/i03/>.
- Land Acknowledgement*. n.d. University of Toronto. <https://indigenous.utoronto.ca/about/land-acknowledgement>.
- Müller, Kirill. 2020. *Here: A Simpler Way to Find Your Files*. <https://CRAN.R-project.org/package=here>.
- Neuwirth, Erich. 2022. *RColorBrewer: ColorBrewer Palettes*. <https://CRAN.R-project.org/package=RColorBrewer>.

- R Core Team. 2022a. *Foreign: Read Data Stored by 'Minitab', 's', 'SAS', 'SPSS', 'Stata', 'Systat', 'Weka', 'dBase', ...* <https://CRAN.R-project.org/package=foreign>.
- . 2022b. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.
- Wickham, Hadley. 2016. *Ggplot2: Elegant Graphics for Data Analysis*. Springer-Verlag New York. <https://ggplot2.tidyverse.org>.
- Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D'Agostino McGowan, Romain François, Garrett Golemund, et al. 2019. “Welcome to the tidyverse.” *Journal of Open Source Software* 4 (43): 1686. <https://doi.org/10.21105/joss.01686>.
- Wickham, Hadley, Romain François, Lionel Henry, and Kirill Müller. 2022. *Dplyr: A Grammar of Data Manipulation*. <https://CRAN.R-project.org/package=dplyr>.
- Wickham, Hadley, Jim Hester, and Jennifer Bryan. 2022. *Readr: Read Rectangular Text Data*. <https://CRAN.R-project.org/package=readr>.
- Wickham, Hadley, and Dana Seidel. 2022. *Scales: Scale Functions for Visualization*. <https://CRAN.R-project.org/package=scales>.
- Xie, Yihui. 2023. *Knitr: A General-Purpose Package for Dynamic Report Generation in r*. <https://yihui.org/knitr/>.
- Zhu, Hao. 2021. *kableExtra: Construct Complex Table with 'Kable' and Pipe Syntax*. <https://CRAN.R-project.org/package=kableExtra>.