Missingness heatmap of variables by U.S. state. Cell values are percent missingness.

Variable	Alaska	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	Dist. of Columbia	Florida	Georgia	Hawaii	Idaho	Illinois	Indiana	Iowa	Louisiana	Maryland	Massachusetts	Michigan	Minnesota	Missouri	Nevada	New Hampshire	New Jersey	New Mexico	New York	North Carolina	Ohio	Oklahoma	Oregon	Pennsylvania	Rhode Island	South Carolina	Tennessee	Texas	Utah	Wisconsin	Wyoming	Total
talkstudies	0	1	1	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	1	1	0	100	1	0	1	0	0	1	0	3
race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pagesread	0	1	1	1	1	0	0	0	1	0	0	1	1	1	1	0	0	1	1	1	0	0	1	1	1	0	0	1	0	1	100	1	1	1	1	0	1	0	3
newspapers	40	36	32	32	37	36	34	37	34	34	36	40	40	36	39	36	31	37	32	39	35	34	36	39	35	36	35	32	36	37	100	32	36	39	35	34	31	33	37
magazines	18	17	19	17	19	20	17	17	18	17	16	17	17	18	19	18	17	19	19	16	17	16	21	17	18	18	17	17	19		100	18	16	17	17	17	20	17	19
lunch	0	2	0	1	2	0	0	0	0	0	1	0	0	3	2	0	0	1	0	0	0	0	0	0	1	0	0	0	3	3	0	1	0	0	0	1	1	0	1
langinhome	0	1	1	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	2	1	1	1	0	0	1	0	1		100	1	0	0	1	0	0	0	3
iep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
gender	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
encyclopedia	34	36	30	28	39	37	27	33	30	33	24	34	33	34	31	32	28	31	37	35	29	24	34	30	31	32	33	29	30	31	100	36	35	33	33	31	41	30	33
ell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
daysabsent	0	1	1	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1	0	1	1	1	0	1	1	0	1	100	1	0	0	1	0	0	0	3
computer	1	1	1	1	2	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	1	1	0	1	0	1	1	3
books	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0	1	0	100	1	1	1	1	0	1	0	3
birthyear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
birthmonth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Missingness

- 0%
- 10%
- 20%
- 30%
- 40%
- 50%
- 60%
- 70%
- 80%
- 90%
- 100%