

Information about Gallup data collection 2022

Methodology and data collection process by Gallup are described in an organized codebook. This includes the sampling and data collection methodology, questions asked to the respondents and its available responses, standardization of education and income that can be comparable worldwide, overview of Gallup World Poll Indexes, etc. The codebook is updated every few years or so, with the latest version that we are aware of on 2023. The 2023 codebook is publicly accessible here: <https://www.unicef.org/innocenti/media/3346/file/Gallup-World-Poll-Methodology-2023.pdf>. We have also checked with the 2020 codebook that we received, and we found no measurement differences between the two versions year. Therefore, the 2023 coding can also be applied to our dataset.

For the dataset that we requested from Gallup in 2020, we received data collection details on each country data set. The details can be seen on the following table.

Gallup Worldwide Research Methodology										
Country Data Set Details										
Gallup World Wide Research Data Collected from 2020										
^a The design effect calculation reflects the weights and does not incorporate the intraclass correlation coefficients. Design effect calculation: $n * (\text{sum of squared weights}) / ((\text{sum of weights}) * (\text{sum of weights}))$ ^b Margin of error is calculated around a proportion at the 95% confidence level. The maximum margin of error was calculated assuming a reported percentage of 50% and takes into account the design effect. Margin of error calculation: $\sqrt{(0.25/N)} * 1.96 * \sqrt{(DE)}$ ^c Areas with disproportionately high number of interviews in the sample. ^d Reasons for these differences could include household sampling, respondent sampling in the household, errors in self-reports of actual attainment, or dated population information. ^e Handheld data collection.										

Data Collection Year	Country	Wave	Data Collection Date	Number of Interviews	Design Effect ^a	Margin of Error ^b	Mode of Interviewing	Languages	Over-Sample ^c	Exclusions (Samples are nationally representative unless noted otherwise)
2020	Algeria	15.3	Nov 20 – Dec 9, 2020	1,062	1.86	4.1	Landline and Mobile Telephone	Arabic		
2020	Argentina	15.3	Dec 2, 2020 – Feb 23, 2021	1,003	2.30	4.7	Landline and Mobile Telephone	Spanish		
2020	Australia	15.3	Sep 21 – Nov 1, 2019	1,000	1.81	4.2	Landline and Mobile Telephone	English		
2020	Bangladesh	15.4	Dec 8 – Dec 20, 2020	1,054	2.48	4.8	Mobile Telephone	Bengali		
2020	Bolivia	15.3	Nov 24 – Dec 24, 2020	1,000	1.50	3.8	Mobile Telephone	Spanish		
2020	Brazil	15.3	Dec 2, 2020 – Jan 27, 2021	1,003	2.18	4.6	Landline and Mobile Telephone	Portuguese		
2020	Cambodia	15.3	Dec 25, 2020 – Jan 15, 2021	1,000	2.46	4.9	Mobile Telephone	Khmer		
2020	Cameroon	15.3	Nov 23 – Dec 19, 2020	1,024	3.01	5.3	Mobile Telephone	French, English, Fulfulde		
2020	Canada	15.2	Oct 13 – Nov 24, 2020	1,010	1.47	3.7	Landline and Mobile Telephone	English, French		Yukon, Northwest Territories and Nunavut were excluded from the sample.
2020	Chile	15.3	Dec 9, 2020 – Feb 24, 2021	1,000	1.63	4.0	Landline and Mobile Telephone	Spanish		

Data Collection Year	Country	Wave	Data Collection Date	Number of Interviews	Design Effect ^a	Margin of Error ^b	Mode of Interviewing	Languages	Over-Sample ^c	Exclusions (Samples are nationally representative unless noted otherwise)
2020	China	15.2	Oct 28 – Dec 13, 2020	3,502	2.26	2.5	Mobile Telephone	Chinese		Tibet was excluded from the sample. The excluded areas represent less than 1% of the population of China
2020	Colombia	15.3	Nov 30, 2020 – Jan 27, 2021	1,002	1.58	3.9	Landline and Mobile Telephone	Spanish		
2020	Croatia	15.3	Nov 6 – Dec 2, 2020	1,000	1.77	4.1	Landline and Mobile Telephone	Croatian		
2020	Czechia	15.3	Dec 22, 2020 – Jan 25, 2021	1,004	1.60	3.9	Landline and Mobile Telephone	Czech		
2020	Ecuador	15.3	Dec 7, 2020 – Feb 11, 2021	1,002	1.62	3.9	Landline and Mobile Telephone	Spanish		
2020	Egypt	15.3	Dec 19 – Dec 30, 2020	1,002	2.14	4.5	Landline and Mobile Telephone	Arabic		
2020	Ethiopia	15.3	Dec 7 – Dec 31, 2020	1,022	3.10	5.4	Mobile Telephone	Amharic, English, Oromo, Tigrinya		
2020	France	15.2	Oct 19 – Nov 14, 2020	1,000	1.52	3.8	Landline and Mobile Telephone	French		
2020	Germany	15.2	Oct 19 – Nov 14, 2020	1,000	2.21	4.6	Landline and Mobile Telephone	German		
2020	Ghana	15.4	Dec 11 – Dec 31, 2020	1,000	1.92	4.3	Mobile Telephone	English, Ewe, Twi, Hausa		
2020	Greece	15.3	Dec 2 – Dec 30, 2020	1,003	2.16	4.6	Landline and Mobile Telephone	Greek		
2020	Hungary	15.3	Nov 25 – Dec 21, 2020	1,002	1.87	4.2	Landline and Mobile Telephone	Hungarian		
2020	India	15.3	Dec 26, 2020 – Feb 24, 2021	3,300	1.36	2.0	Face-to-Face (HH)*	Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Odia, Punjabi, Tamil, Telugu		Excluded population living in Northeast states and remote islands, and Jammu and Kashmir. The excluded areas represent less than 10% of the population.
2020	Indonesia	15.3	Dec 4, 2020 – Jan 10, 2021	1,011	2.49	4.9	Mobile Telephone	Bahasa Indonesia		
2020	Iran	15.2	Nov 2 – Nov 8, 2020	1,007	1.44	3.7	Landline and Mobile Telephone	Farsi		
2020	Iraq	15.3	Jan 3 – Feb 28, 2021	1,006	1.59	3.9	Mobile Telephone	Arabic, Kurdish		
2020	Israel	15.3	Dec 19, 2020 – Jan 7, 2021	1,059	1.22	3.3	Landline and Mobile Telephone	Hebrew, Arabic		
2020	Italy	15.3	Nov 2 – Nov 25, 2020	1,000	2.73	5.1	Landline and Mobile Telephone	Italian		

Data Collection Year	Country	Wave	Data Collection Date	Number of Interviews	Design Effect ^a	Margin of Error ^b	Mode of Interviewing	Languages	Over-Sample ^c	Exclusions (Samples are nationally representative unless noted otherwise)
2020	Japan	15.2	Oct 2 – Dec 3, 2020	1,012	1.25	3.4	Landline and Mobile Telephone	Japanese		For landline RDD, excluded 12 municipalities near the nuclear power plant in Fukushima. These areas were designated as not-to-call districts due to the devastation from the 2011 disasters. The exclusion represents less than 1% of the population of Japan.
2020	Jordan	15.2	Dec 21 – Dec 31, 2020	1,005	1.54	3.8	Mobile Telephone	Arabic		
2020	Kazakhstan	15.3	Dec 11 – Dec 25, 2020	1,000	1.58	3.9	Mobile Telephone	Russian, Kazakh		
2020	Kenya	15.3	Nov 13 – Nov 22, 2020	1,000	1.91	4.3	Mobile Telephone	English, Swahili/Kishwahili		
2020	Mexico	15.3	Nov 10 – Dec 20, 2020	1,006	1.81	4.2	Landline and Mobile Telephone	Spanish		
2020	Morocco	15.3	Dec 17, 2020 – Jan 6, 2021	1,010	1.44	3.7	Landline and Mobile Telephone	Moroccan Arabic		
2020	Netherlands	15.3	Oct 27 – Dec 19, 2020	1,000	1.84	4.2	Landline and Mobile Telephone	Dutch		
2020	Nigeria	15.3	Dec 9 – Dec 21, 2020	1,019	1.98	4.3	Mobile Telephone	English, Hausa, Igbo, Pidgin English, Yoruba		
2020	Norway	15.3	Oct 9 – Nov 9, 2020	1,018	1.64	3.9	Landline and Mobile Telephone	Norwegian		
2020	Pakistan	15.2	Jan 9 – Feb 5, 2021	1,001	1.49	3.8	Face-to-Face (HH)*	Urdu		Did not include AJK, Gilgit-Baltistan. The excluded area represents approximately 5% of the population. Gender-matched sampling was used during the final stage of selection.
2020	Peru	15.3	Nov 27, 2020 – Feb 4, 2021	1,003	1.60	3.9	Landline and Mobile Telephone	Spanish		
2020	Philippines	15.3	Nov 16 – Dec 19, 2020	1,000	1.62	3.9	Landline and Mobile Telephone	Filipino, Iloko, Cebuano, Waray, Bicol		
2020	Poland	15.3	Nov 20 – Dec 17, 2020	1,002	1.83	4.2	Landline and Mobile Telephone	Polish		
2020	Portugal	15.3	Nov 9 – Dec 10, 2020	1,000	1.76	4.1	Landline and Mobile Telephone	Portuguese		
2020	Russia	15.3	Dec 2, – Dec 28, 2020	2,002	1.55	2.7	Mobile Telephone	Russian		
2020	Senegal	15.3	Nov 4 – Nov 26, 2020	1,017	1.73	4.0	Mobile Telephone	French, Wolof		

Data Collection Year	Country	Wave	Data Collection Date	Number of Interviews	Design Effect ^a	Margin of Error ^b	Mode of Interviewing	Languages	Over-Sample ^c	Exclusions (Samples are nationally representative unless noted otherwise)
2020	South Africa	15.3	Dec 14 – Dec 23, 2020	1,001	2.11	4.5	Mobile Telephone	Afrikaans, English, Sotho, Xhosa, Zulu		
2020	South Korea	15.3	Dec 12, 2020 – Jan 11, 2021	1,005	1.65	4.0	Landline and Mobile Telephone	Korean		
2020	Spain	15.2	Oct 19 – Nov 12, 2020	1,000	1.60	3.9	Landline and Mobile Telephone	Spanish		
2020	Sri Lanka	15.3	Dec 7, 2020 – Jan 31, 2021	1,013	1.87	4.2	Mobile Telephone	Sinhala, Tamil		
2020	Switzerland	15.2	Oct 19 – Nov 17, 2020	1,000	1.68	4.0	Landline and Mobile Telephone	French, German, Italian		
2020	Tanzania	15.4	Dec 15 – Dec 24, 2020	1,000	2.60	5.0	Mobile Telephone	Swahili, Kishwahili		
2020	Thailand	15.3	Dec 13, 2020 – Jan 25, 2021	1,000	2.48	4.9	Mobile Telephone	Thai		
2020	Turkey	15.3	Dec 18 – Dec 29, 2020	1,000	1.94	4.3	Landline and Mobile Telephone	Turkish		
2020	Uganda	15.3	Dec 18 – Dec 28, 2020	1,000	2.31	4.7	Mobile Telephone	Ateso, English, Luganda, Runyankole		
2020	Ukraine	15.3	Nov 26 – Dec 6, 2020	1,006	1.78	4.1	Landline and Mobile Telephone	Russian, Ukrainian		
2020	United Kingdom	15.3	Nov 2 – Nov 27, 2020	1,000	1.63	4.0	Landline and Mobile Telephone	English		
2020	United States	15.3	Oct 14 – Dec 8, 2020	1,008	1.68	4.0	Landline and Mobile Telephone	English, Spanish		
2020	Venezuela	15.3	Dec 10, 2020 – Jan 24, 2021	1,020	1.78	4.1	Landline and Mobile Telephone	Spanish		
2020	Vietnam	15.3	Dec 6 – Dec 20, 2020	1,000	2.46	4.9	Mobile Telephone	Vietnamese		
2020	Zambia	15.4	Dec 14, 2020 – Jan 20, 2021	1,005	1.94	4.3	Mobile Telephone	Bemba, English, Lozi, Nyanja, Tonga		
2020	Zimbabwe	15.4	Dec 14 – Dec 26, 2020	1,002	2.02	4.4	Mobile Telephone	English, Shona, Ndebele		