

High-Level Accessibility Evaluation (WCAG 2.1)

GALLUP Analytics Platform

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Prepared for:

BTAA-Library Accessibility Alliance

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SUMMARY

This report reflects the findings of a high-level assessment of the GALLUP Analytics platform for its conformance with the W3C Web Content Accessibility Guidelines version 2.1 (WCAG 2.1).

There are very few WCAG 2.1 compliance issues with Gallup Analytics, and they are very minor overall. Below are the most critical issues to address to improve system compliance.

Top Findings

1. **Color Contrast:** The greatest accessibility concern on the GALLUP Analytics platform are the issues with color contrast in the articles page. The green used for links does not meet the 4.5:1 contrast ratio for text and should be updated.
2. **Keyboard Navigation:** There are some minor issues with keyboard navigation in a couple of places across the site. The most critical to address would be on the landing page, ensuring that the focus returns to the triggering element when the user selects the back button. Additionally, it would be very helpful to improve the focus appearance based on the [WCAG 2.2 guidelines for focus appearance](#).
3. **Navigation:** There was a single issue with compatibility when viewing an individual article result. The radio buttons in the left-hand navigation should include labels.

ACCESSIBILITY FINDINGS

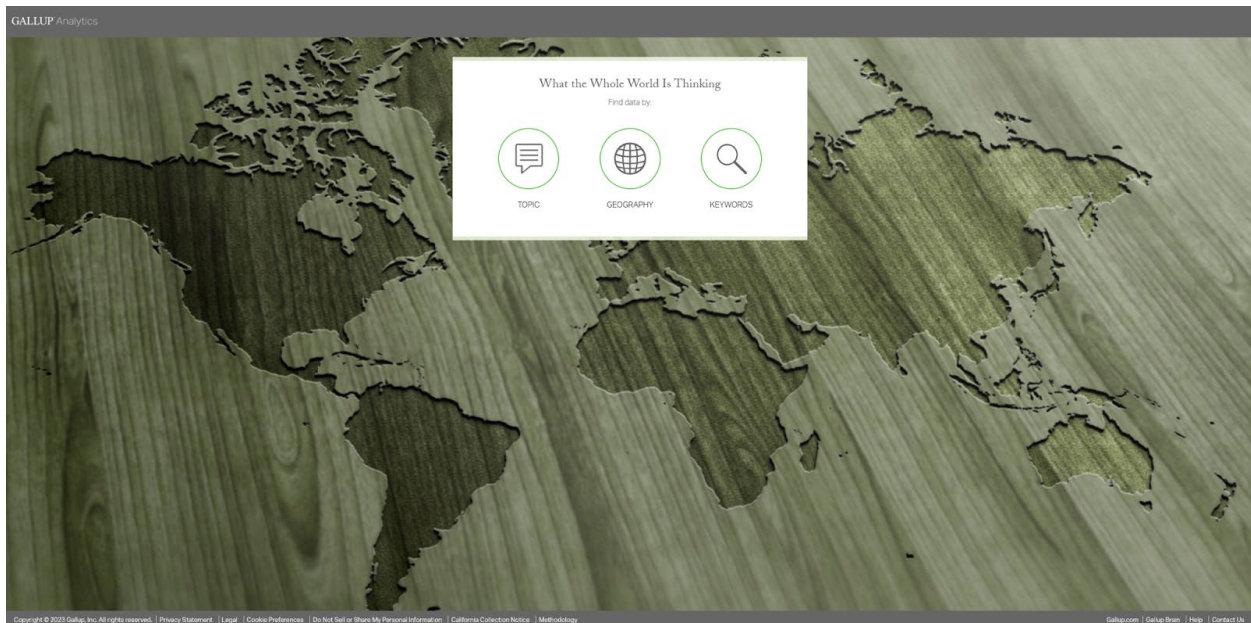
This report was conducted against the GALLUP Analytics Platform and covers a selection of pages and features that were to be tested as a representative sample of the database’s conformance to the WCAG 2.1 AA standards.

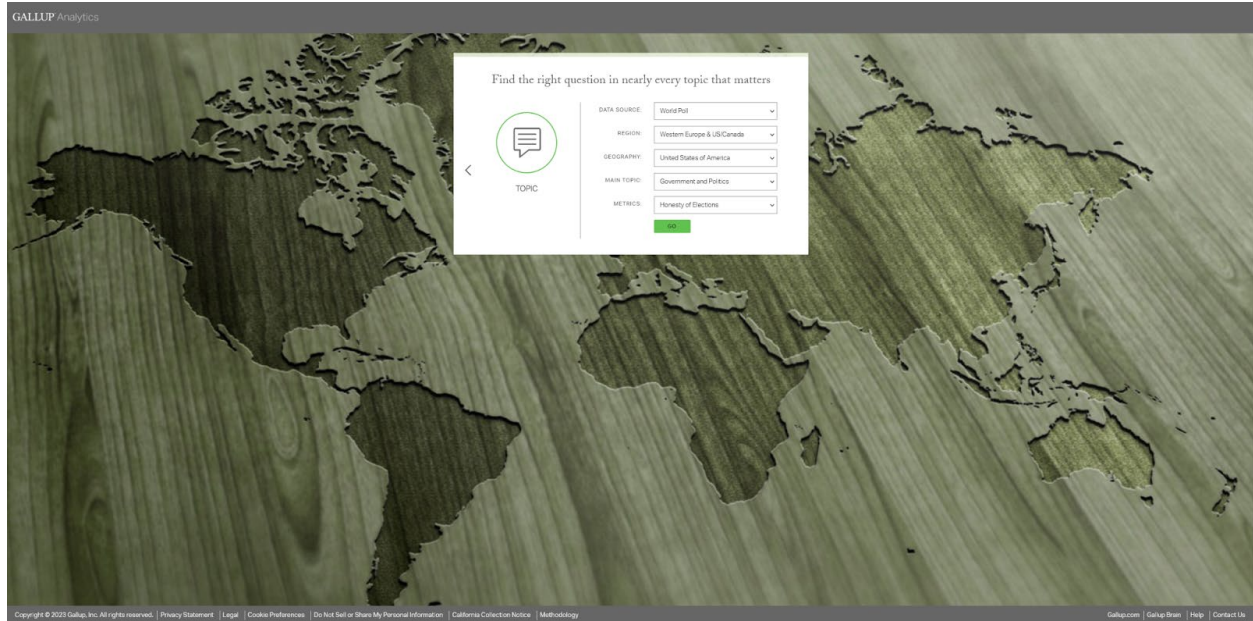
The resource was reviewed using a combination of manual and automatic review tools and assistive technologies, including the WAVE Accessibility Assessment tool, Axe Accessibility Assessment tool, WCAG Color Contrast Checker, and NVDA screen reader. PDF content was tested against Section 508 requirements using Adobe Acrobat’s accessibility tools and manual analysis. All problems identified by automatic tools were verified manually. This evaluation was performed using Firefox on Windows 11.

Below are the errors revealed during the accessibility evaluation of the GALLUP Analytics platform. Each result shows a summary of accessibility issues and the reason it was flagged. Screenshots are included.

1. Initial Interface

Test Case: Test initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible. <https://analyticscampus-gallup-com.proxy.lib.umich.edu/?ref=Auth#>





SC 2.4.3: Elements must not break the logical focus order.

Reason flagged:

- When using the back button from the “Topic”, “Geography”, and “Keywords” interfaces, the focus moves to the content info. The expected behavior in this scenario would be for the focus to return to the triggering element.

Note: While it isn’t a specific requirement under AA standards, it would be very helpful to improve the focus ring. Under SC 2.4.13 in WCAG 2.2, the recommended focus appearance should be 2 pixels minimum with a contrast ratio of at least 3:1 with the surrounding area.

2. Search Results

Test Case: From the initial landing page, conduct a TOPIC search for:

- Data Source = WorldPol
- Region = Western Europe & US/Canada
- Geography = United States of America
- Main Topic = Government & Politics
- Metrics = Honesty of Elections
- Export results.

<https://analyticscampus-gallup-com.proxy.lib.umich.edu/Tables/>

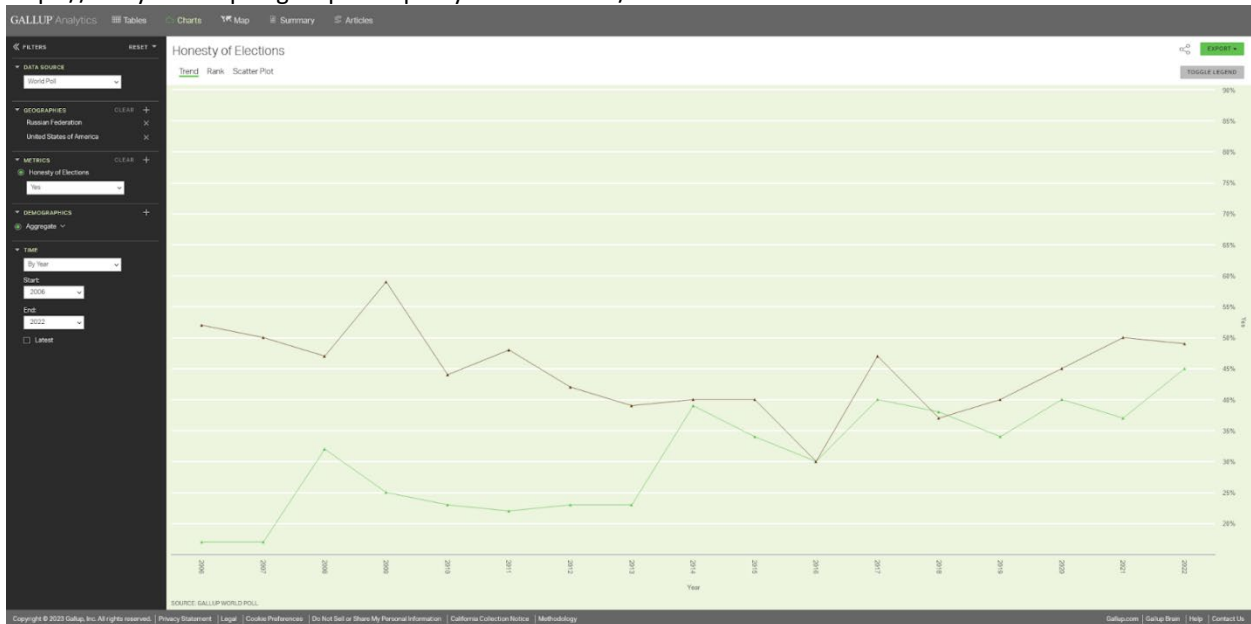
GALLUP Analytics Tables Charts Map Summary Articles

Honesty of Elections

Geography	Time	Demographic	Demographic Value	Yes	No	DK/RF	N Size
United States of America	2022	Aggregate	Aggregate	49%	51%	0%	1,003
United States of America	2021	Aggregate	Aggregate	50%	50%	0%	1,005
United States of America	2020	Aggregate	Aggregate	45%	54%	0%	1,007
United States of America	2019	Aggregate	Aggregate	40%	59%	0%	1,026
United States of America	2018	Aggregate	Aggregate	37%	62%	1%	1,004
United States of America	2017	Aggregate	Aggregate	47%	52%	0%	928
United States of America	2016	Aggregate	Aggregate	30%	69%	1%	482
United States of America	2015	Aggregate	Aggregate	40%	59%	1%	515
United States of America	2014	Aggregate	Aggregate	40%	59%	1%	1,027
United States of America	2013	Aggregate	Aggregate	39%	60%	1%	499
United States of America	2012	Aggregate	Aggregate	42%	57%	1%	1,019
United States of America	2011	Aggregate	Aggregate	48%	49%	3%	595
United States of America	2010	Aggregate	Aggregate	44%	55%	1%	1,005
United States of America	2009	Aggregate	Aggregate	59%	40%	1%	1,003
United States of America	2008	Aggregate	Aggregate	47%	53%	0%	1,004
United States of America	2007	Aggregate	Aggregate	50%	49%	1%	1,225
United States of America	2006	Aggregate	Aggregate	52%	47%	1%	1,001

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<https://analyticscampus-gallup-com.proxy.lib.umich.edu/Charts>



SC 2.4.3: Elements must not break the logical focus order.

Reason flagged:

- When navigating through the interface, focus moves to the “Share” and “Export” options before the radio button group to the left. In this case the expected behavior is for focus to move to the radio group first, then to “Share”, and then to “Export” to maintain a logical focus order.

3. Individual Results

Test Case: Test search results page, including filters/refine search:

- Add + GEOGRAPHIES = Russian Federation
- Select "Charts"
- Adjust TIME to Start = 2006 and End = 2022
- Export results.

<https://analyticscampus-gallup-com.proxy.lib.umich.edu/Article.aspx>

The screenshot shows the Gallup Analytics interface. On the left, there are filters for Data Source (WorldPop), Geographies (Russian Federation, United States of America), and Topics. The main content area displays an article from April 26, 2022, titled "Russia Suffers Global Rebuke After Invasion" by Zach Ritter and Steve Grabiner. The article highlights that disapproval of Russian leadership reached a record high of 57% worldwide in 2022, a significant increase from 38% in 2021. It also notes that majorities in 81 out of 137 countries disapproved of Russia's leadership. The article includes a "Quick Summary" and a list of six key takeaways from the data.

Geography	Year	Demographic	Demographic Value	Yes	No	DN/WR	N Size
Russian Federation	2022	Aggregate	Aggregate	45%	47%	12%	2,006
Russian Federation	2021	Aggregate	Aggregate	37%	63%	0%	2,001
Russian Federation	2020	Aggregate	Aggregate	40%	59%	0%	1,622
Russian Federation	2019	Aggregate	Aggregate	34%	50%	10%	1,003
Russian Federation	2018	Aggregate	Aggregate	38%	52%	10%	2,000
Russian Federation	2017	Aggregate	Aggregate	40%	46%	13%	2,000
Russian Federation	2016	Aggregate	Aggregate	30%	48%	23%	1,000
Russian Federation	2015	Aggregate	Aggregate	34%	47%	19%	2,000
Russian Federation	2014	Aggregate	Aggregate	39%	42%	19%	1,000
Russian Federation	2013	Aggregate	Aggregate	23%	62%	15%	2,000
Russian Federation	2012	Aggregate	Aggregate	23%	54%	23%	3,000
Russian Federation	2011	Aggregate	Aggregate	22%	57%	21%	1,000
Russian Federation	2010	Aggregate	Aggregate	23%	57%	20%	1,000
Russian Federation	2009	Aggregate	Aggregate	25%	50%	19%	1,011
Russian Federation	2008	Aggregate	Aggregate	32%	51%	17%	2,019
Russian Federation	2007	Aggregate	Aggregate	17%	66%	17%	1,426
Russian Federation	2006	Aggregate	Aggregate	17%	69%	14%	1,011
United States of America	2022	Aggregate	Aggregate	49%	51%	0%	1,001
United States of America	2021	Aggregate	Aggregate	50%	50%	0%	1,005
United States of America	2020	Aggregate	Aggregate	45%	54%	0%	1,007
United States of America	2019	Aggregate	Aggregate	40%	59%	0%	1,026
United States of America	2018	Aggregate	Aggregate	37%	62%	1%	1,004
United States of America	2017	Aggregate	Aggregate	47%	52%	0%	928
United States of America	2016	Aggregate	Aggregate	30%	69%	1%	492
United States of America	2015	Aggregate	Aggregate	40%	59%	1%	511
United States of America	2014	Aggregate	Aggregate	42%	58%	1%	1,027
United States of America	2013	Aggregate	Aggregate	39%	60%	1%	499
United States of America	2012	Aggregate	Aggregate	42%	57%	1%	1,019
United States of America	2011	Aggregate	Aggregate	40%	60%	0%	505
United States of America	2010	Aggregate	Aggregate	44%	50%	1%	1,005
United States of America	2009	Aggregate	Aggregate	39%	60%	1%	1,001
United States of America	2008	Aggregate	Aggregate	47%	51%	0%	1,004
United States of America	2007	Aggregate	Aggregate	30%	69%	1%	1,225
United States of America	2006	Aggregate	Aggregate	32%	67%	1%	1,001

SC 1.4.3: Elements must have sufficient color contrast.

Location(s):

- `Steve Crabtree`
- `<h4>Story Highlights</h4>`
- `Gallup's history of tracking ratings of world leaders`
- `Read the full report`
- `follow us on Twitter`
- `Gallup's Country Data Set details`
- `Gallup World Poll`

Reason flagged:

- Element has insufficient color contrast of 2.24 (foreground color: #61c250, background color: #ffffff, font size: 12.0pt (16px), font weight: normal). Expected contrast ratio of 4.5:1

SC 4.1.2: Form elements must have labels.

Location(s):

- `<input type="radio" name="geographyGroup" data-bind="value: $data.Id+'-'+Type, checked: ($root.SelectedGeography() ? $root.SelectedGeography().Id + '-' + $root.SelectedGeography().Type: null) " value="139-1">`
- `<input type="radio" name="geographyGroup" data-bind="value: $data.Id+'-'+Type, checked: ($root.SelectedGeography() ? $root.SelectedGeography().Id + '-' + $root.SelectedGeography().Type: null) " value="177-1">`

Reason flagged:

- Form element does not have an implicit (wrapped) `<label>`
- Form element does not have an explicit `<label>`
- `aria-label` attribute does not exist or is empty
- `aria-labelledby` attribute does not exist, references elements that do not exist or references elements that are empty
- Element has no title attribute
- Element has no placeholder attribute
- Element's default semantics were not overridden with `role="none"` or `role="presentation"`

Excel Documents:

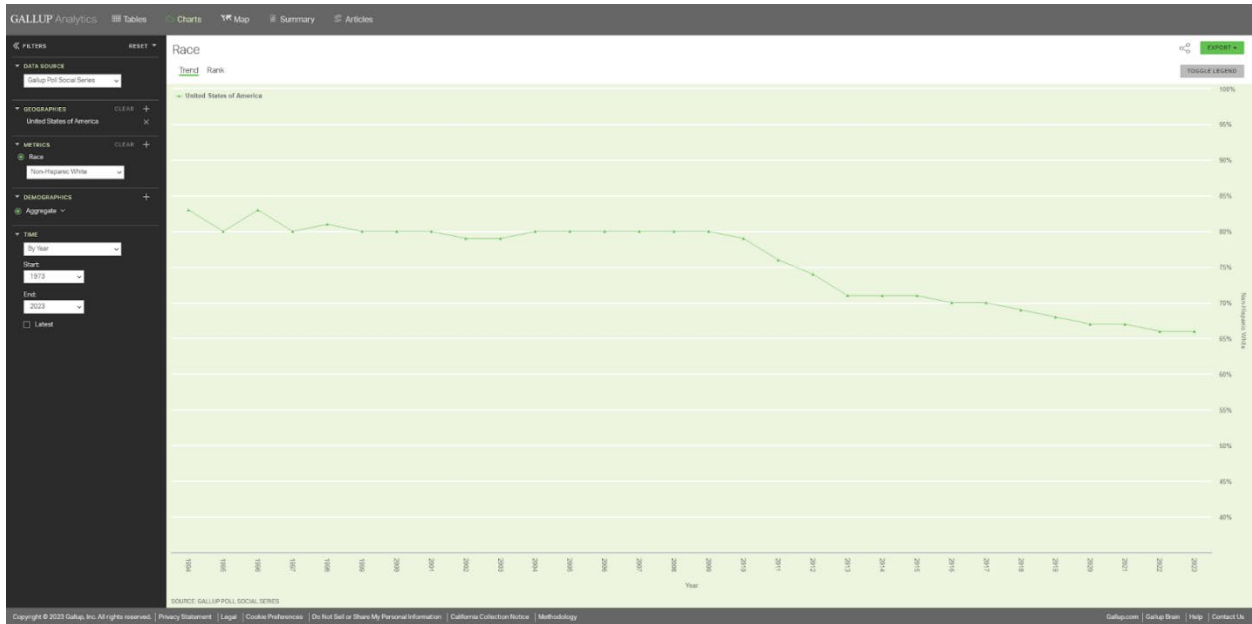
- ❖ No issues found with the document tested.

4. Advanced Search

Test Case: Test KEYWORDS search for:

- Data Source = Gallup Poll Social Series
- Region = United States
- Geography = United States of America
- Keywords = [leave blank]
- View results. Choose “GALLUP POLL SOCIAL SERIES UPDATED DATA UNAVAILABLE Race”
- Export results.

<https://analyticscampus-gallup-com.proxy.lib.umich.edu/Charts/>



❖ No issues found through automatic or manual testing.

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