High-Level Accessibility Evaluation (WCAG 2.1)

Euromonitor Passport

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Prepared for:

BTAA-Library Accessibility Alliance

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TABLE OF CONTENTS

SUMMARY

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

This report shows that Passport has several issues with WCAG 2.1 compliance that need to be addressed, especially concerning keyboard navigation and color contrast, as well as the proper labeling and the use of aria roles. These findings significantly impact the accessibility of this database for people that require the use of keyboards, or who have visual impairments, preventing them from using the system either partially or altogether. These are the most critical issues to focus on correcting to improve access for all potential users of the system.

Top Findings

1. **Keyboard Accessibility & Navigation:** The interface has some significant issues with keyboard navigation. Keyboard focus does not follow a logical order in several places across the database, elements do not work the way that they should when navigating with a keyboard, and there are several elements that are not keyboard accessible at all.
2. **Contrast:** Color contrast is one of the biggest issues around this site due to the use of a colors that have low contrast on a white background or with white text. Color #00AED9 is the most prevalent color that violates the success criterion. Also, the text can be quite small in some places.
3. **Adaptability & Compatibility:** There are several problems around the proper labeling, the use of aria roles, and landmarks. Please consult the [WAI-ARIA Authoring Best Practices](#) from w3 for clarification on the use of aria roles.
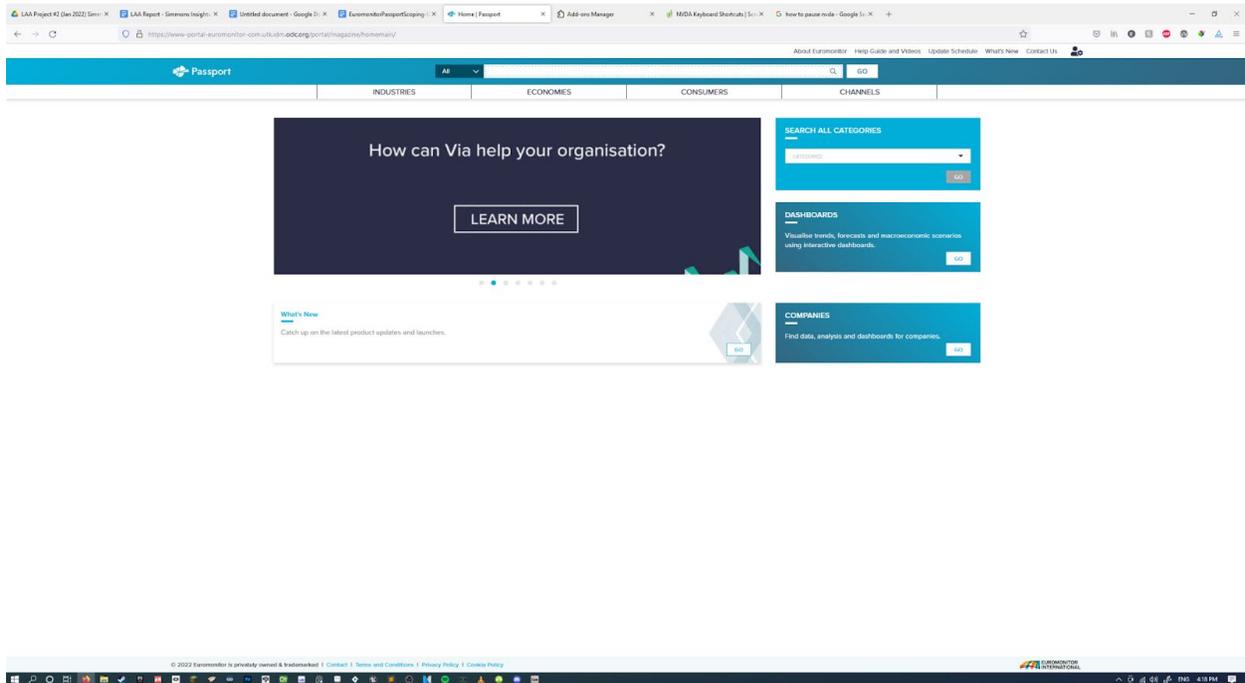
ACCESSIBILITY FINDINGS

This report was conducted against the Passport database 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. All problems identified by automatic tools were double checked manually. This evaluation was performed using Firefox on Windows 10.

Below are the findings revealed during the accessibility evaluation of the Euromonitor Passport database. Some of these issues were persistent across several pages, and some were specific to each page. Details about each finding are provided along with the success criterion that is problematic.
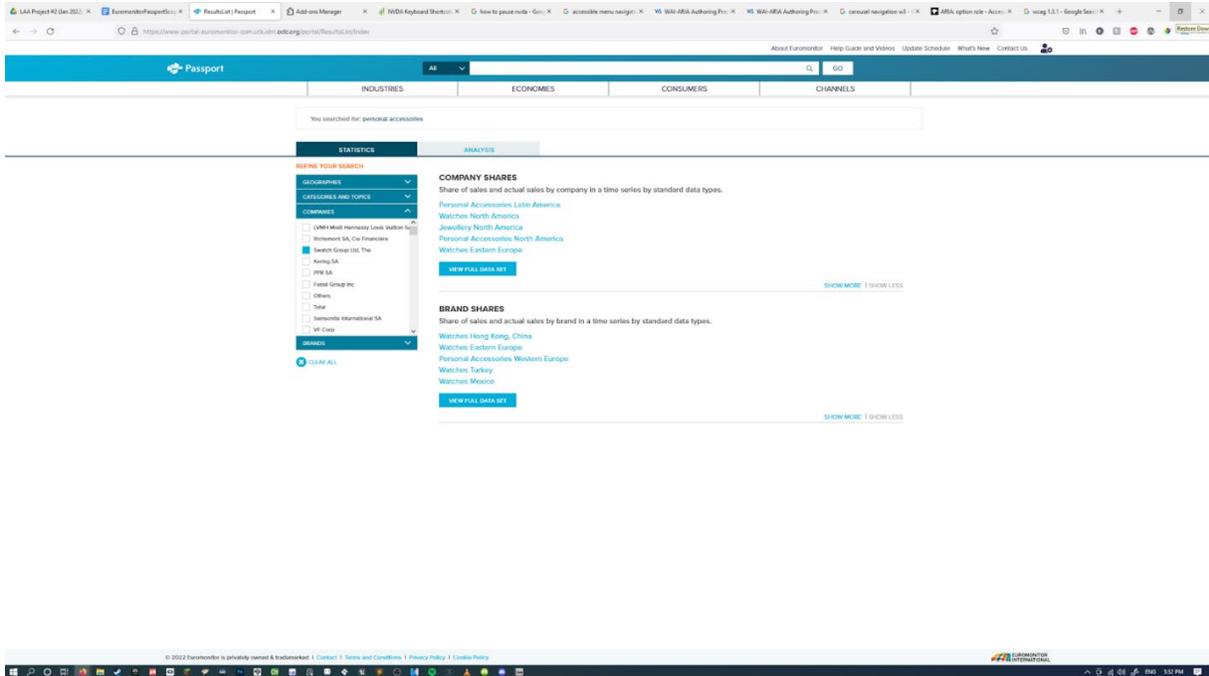
1. Initial Interface

Test Case: Test initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible

SC 1.3.1: The document should contain one main landmark.

SC 1.3.1: All page content should be contained by landmarks.

SC 1.3.1: The search dropdown listbox should have the "option" role associated with its children. (Upon further inspection, the "option" role is present, but is still being flagged by automatic analysis.)

SC 1.3.1: Header menu navigation should have the "menu" parent role.

SC 1.4.3: "What's New" text in main content area has insufficient color contrast of 2.61:1 between colors #00AED9 and #FFFFFF.

SC 1.4.3: "Catch up…" text in main content area has insufficient color contrast of 3.41:1 between colors #8B8B8B and #FFFFFF.

SC 1.4.3: "Go" buttons have insufficient color contrast of 2.61:1 between colors #00AED9 and #FFFFFF.

SC 1.4.3: Footer links have insufficient color contrast of 2.61:1 between colors #00AED9 and #F2F8F9.

SC 2.4.3: When activating an item in the main navigation (Industries, Economies, Consumers, Channels), keyboard focus should move to the first item in the submenu.

SC 2.4.6: Heading levels should only increase by one.

SC 4.1.2: Carousel should not have any nested controls and needs to have focusable descendants.

SC 4.1.2: The image carousel needs an accessible aria label.

SC 4.1.2: The buttons in the image carousel need to have accessible aria labels.

2. Search Results

Test Case: Test search results page, including the "Refine Your Search" menu by opening the "Companies" drop-down menu and choosing "Swatch Group Ltd, The" from the choices.

SC 1.3.1: Items in the left-side navigation trees of the "Statistics" view are using the "list" tag, but are not contained by an ordered or unordered list.

SC 1.3.1: Elements contained within a listbox in the left-hand navigation of the "Analysis" view must have the "option" child role.

SC 1.3.1: Form elements in the left-side navigation in the "Analysis" view must have proper aria labels.

SC 1.3.1: In the main content area of the "Analysis" view, articles are using the "list" tag outside of an unordered or ordered list. Make sure all list items are contained within a list.

SC 1.3.1: Document should contain one main landmark.

SC 1.3.1: All page content should be contained by landmarks, including the "searched for" text, "Statistics" and "Analysis" tabs, and left-side navigation**.**

SC 1.4.3: Several elements on this page in both the "Statistics" and "Analysis" views use the colors #00AED9 against #FFFFFF which results in an insufficient contrast ratio of 2.61:1.

SC 1.4.3: Several elements on this page in both the "Statistics" and "Analysis" views use the color #A4A6A8 against #FFFFFF which results in an insufficient contrast ratio of 3.8:1.

SC 2.1.1: Left-side navigation trees "Statistics" view are not accessible using the keyboard.

SC 2.1.1: "Clear all" function in "Statistics" view is not accessible via the keyboard.

SC 2.1.1: Links to specific data sets in "Statistics" view are not able to be accessed using the keyboard.

SC 2.1.1: The "show more" function in "Statistics" view is not accessible via the keyboard.

SC 2.1.1: "Browse all themes" function is not accessible using the keyboard.

SC 2.4.6: No h1 heading is present on the page.

SC 2.4.7: Left-side navigation trees in "Analysis" view are accessible with the keyboard, but do not receive any keyboard focus.

SC 4.1.1: "id" attribute must be unique when used.

SC 4.1.2: Landmarks for each section of the page should be unique (navigation).

SC 4.1.2: ARIA roles for search dropdown listbox are not appropriate for the given element. This issue was not flagged on the initial interface.

SC 4.1.2: ARIA roles for left-side navigation in "Analysis" view are not appropriate for the given element.

3. Database Results

Test Case: In the results, choose "Watches North America" from the list of dataset results and test the menu options on the resulting page that start with "Convert Data" and end with a print icon.

SC 1.3.1: Document should have a main aria landmark.

SC 1.3.1: Landmarks should be unique (navigation).

SC 1.3.1: All page content should be contained by landmarks

SC 1.3.1: Date dropdowns need the "option" role associated with them.

SC 1.4.3: Several elements on this page in both the "Statistics" and "Analysis" views use the colors #00AED9 against #FFFFFF which results in an insufficient contrast ratio of 2.61:1.

SC 1.4.3: Text under "Research Sources" use the color #A4A6A8 against #FFFFFF which results in an insufficient contrast ratio of 3.8:1.

SC 2.1.1: Date dropdowns do not activate with the spacebar or return, but can be changed using the arrow keys.

SC 2.1.1: Icon for "Datagraphics" is very small and is inaccessible using the keyboard.

SC 2.4.3: Focus order does not follow logical order. Focus skips over "Modify Search" button to the "Link" icon and moves right to left after the "Print" icon.

SC 2.4.3: Focus order does not follow logical order in the table. Moves right to left between "Filter" icon and the column header. Make sure that keyboard focus follows logical order.

SC 2.4.3: Focus order under "Group Sum" dropdown does not follow logical order. Focus moves right to left between the "Apply" button and the "Undo Group Sum" button. Also, a deactivated button should not receive keyboard focus.
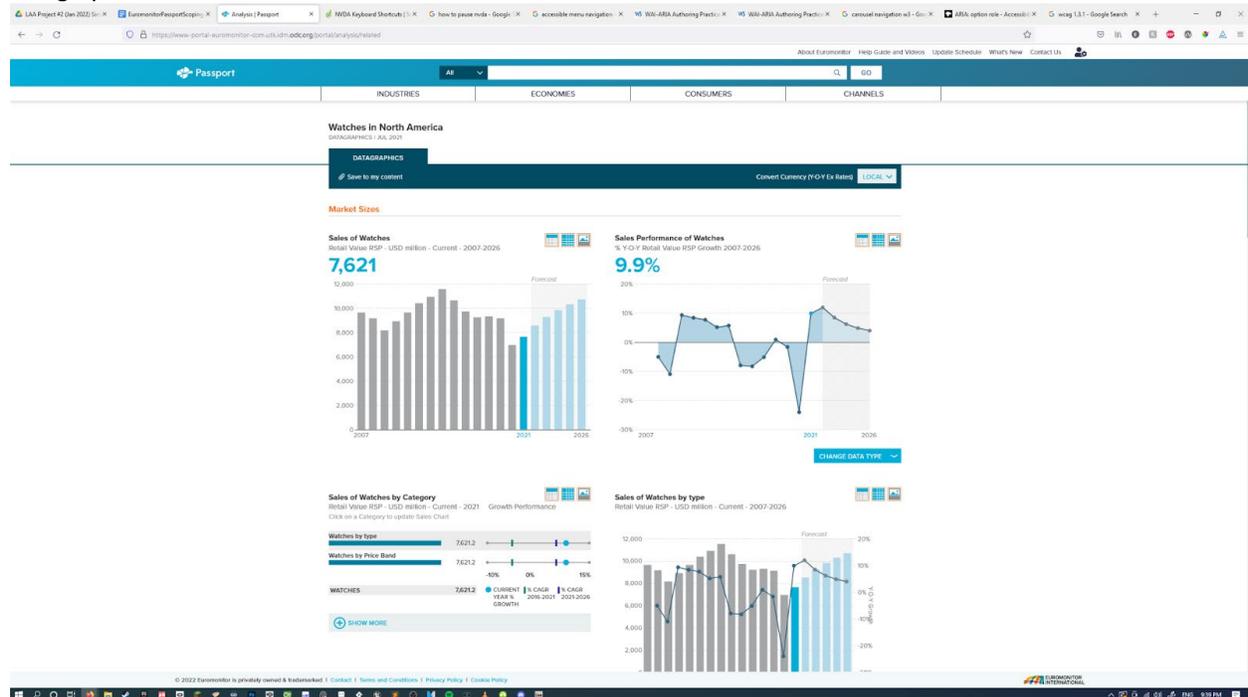
SC 2.4.7: Dropdowns "Convert Data" and "Change Share Types" are accessible with the keyboard, but do not receive keyboard focus. (Keep in mind radio buttons should be labeled as radio buttons and should be navigable with arrow keys, not TAB. TAB should shift to the next focusable element).

SC 4.1.1: "id" attribute must be unique when used.

SC 4.1.2: Date dropdowns need an accessible aria label.

4. Data Tables

Test Case: In the results, click the Datagraphics icon under "Stat Type" header and test the resulting page of charts and graphs.

SC 1.3.1: "Save to my content" is labeled as a list with one item.

SC 1.3.1: Document should have one main landmark.

SC 1.3.1: Landmarks should be unique.

SC 1.3.1: All page content should be contained by landmarks.

SC 1.3.3: Parts of these data tables are screen readable, but a lot of the data is not screen readable and doesn't convey the same meaning as the visual.

SC 1.4.3: There are 349 color contrast issues on this page, most of these are from the colors previously described in this analysis.

SC 2.1.1: Table number 3 "show more" function is not accessible using the keyboard.

SC 4.1.1: "id" attribute must be unique when used. There are 209 issues with the "id" attribute on this page.

SC 4.1.2: "Convert Currency" dropdown is identified as a button and not a dropdown.