

Issues with website accessibility identified April 2024. We are currently working with our website development company, e4education, to improve the accessibility of our website.

	ISSUES IDENTIFIED (+relevant WCAG Guideline)
1	<p>alt text should not be an image file name.</p> <p>Change the alt text to describe the information or function represented by the image, and for purely decorative images use alt="" without any global ARIA attributes. Do not use alt text containing only spaces since that's voiced as an unlabeled image.</p> <p>WCAG 2.1 A F30 Section 508 (2017) A F30</p>
2	<p>alt text should not contain placeholders like 'picture' or 'spacer'.</p> <p>For purely decorative images and spacers use alt= ' ', for images of text use the text, and for other images use a description of the image.</p> <ul style="list-style-type: none">• JAWS : Reads out placeholder text, instead of a useful image description.• NVDA : Reads out placeholder text, instead of a useful image description.• VoiceOver : Reads out placeholder text, instead of a useful image description. <p>WCAG 2.1 A F30 Section 508 (2017) A F30</p>
3	<p>An image with a null alt attribute should not have title , aria-label or aria-labelledby attributes.</p> <p>If the image should be voiced use a descriptive alt attribute. If the image is purely decorative remove any title and ARIA label attributes.</p> <ul style="list-style-type: none">• JAWS : Ignores all images with alt="".• NVDA : Reads some images with alt="" and a title or ARIA label.• VoiceOver : Reads images with alt="" and a title or ARIA label. <p>WCAG 2.1 A F39 Section 508 (2017) A F39</p>

4	<p>Document <code>title</code> must not be blank.</p> <p>For HTML pages change the <code>title</code> element. For Office documents and PDF documents produced from Office, fill in the Title in Document Properties before saving as PDF.</p> <p>WCAG 2.1 A F25 Section 508 (2017) A F25</p>
5	<p>Don't use CSS animations that run for more than 5 seconds without giving the user a way to turn them off.</p> <p>Reduce the duration of the animation to less than 5 seconds (works on all devices) or use the <code>@media (prefers-reduced-motion)</code> media query to turn them off (works in Chrome, Firefox and Safari).</p> <p>WCAG 2.1 A 2.2.2 Section 508 (2017) A 2.2.2</p>
6	<p>Figures and images in PDF documents should have non blank ALT text, except for decorative images which should be marked as artifacts.</p> <p>Each image should have an ALT attribute describing the picture, which screen readers can read aloud. See PDF Techniques for WCAG: Text Alternatives.</p> <ul style="list-style-type: none">• NVDA 2021 with Chrome: a meaningless label like 'unlabeled graphic' is voiced.• NVDA 2021 with Firefox: the image is ignored.• JAWS 2021 with Chrome: a meaningless label like 'unlabeled graphic' is voiced.• JAWS 2021 with Firefox: the image is ignored.• VoiceOver macOS with Safari: a meaningless label like 'image' is voiced.• VoiceOver iOS with Safari: a meaningless label like 'image' is voiced.• NVDA 2021 with Chrome: a meaningless label like 'unlabeled graphic' is voiced.• NVDA 2021 with Firefox: a meaningless label like 'graphic' is voiced.• JAWS 2021 with Chrome: a meaningless label like 'unlabeled graphic' is voiced.• JAWS 2021 with Firefox: a meaningless label like 'graphic' is voiced.• VoiceOver macOS with Safari: a meaningless label like 'image' is voiced.• VoiceOver iOS with Safari: a meaningless label like 'image' is voiced. <p>WCAG 2.1 A F65 Section 508 (2017) A F65</p>

7	<p>Headings should not be empty.</p> <p>Add visible text to the heading, or <code>alt</code> text if the heading contains an image. Screen readers read out page headings, allowing users to quickly skip to a section, but some older screen readers do not ignore empty headings.</p> <p>ARIA 1.2 5.2.8</p>
8	<p>HTML form control has no accessible name.</p> <ul style="list-style-type: none"> • Use a label element with the <code>for</code> attribute set to the ID of the form control • Wrap a label element around the form control • Add a title attribute • Add an <code>aria-label</code> attribute • Add an <code>aria-labelledby</code> attribute <p>WCAG 2.1 A F68 Section 508 (2017) A F68</p>
9	<p>Identify row and column headers in data tables using <code>th</code> elements, and mark layout tables with <code>role=presentation</code> .</p> <p>Data tables allow screen reader users to understand column and row relationships. Layout tables read cells as a series of unrelated paragraphs with no tabular structure. Without <code>th</code> or <code>role</code> , screen readers apply heuristics to decide whether a table is a layout table or data table. These heuristics vary greatly between screen readers, and are affected by browser being used, window size, and font size (so the outcome is very unpredictable without <code>th</code> or <code>role</code>). If a data table has headers marked up using <code>td</code> , then change these to <code>th</code> . If a data table has no headers, add <code>th</code> elements describing each row and/or column. If the table is only used for layout add <code>role=presentation</code> to the <code>table</code> element.</p> <ul style="list-style-type: none"> • JAWS Reading: Treats tables without <code>th</code> and <code>role</code> as layout tables if the table contains cells above or below certain pixel sizes. This measurement is affected by browser window size, browser font size, and the browser used. • NVDA Reading: Applies a layout table heuristic to tables without <code>th</code> and <code>role</code> which varies depending on the browser used and on the window size in some circumstances. • VoiceOver Reading: Uses a sophisticated heuristic on tables without <code>th</code> and <code>role</code>, which is similar (but not identical) to the heuristic used by NVDA with Firefox. <p>WCAG 2.1 A F91 Section 508 (2017) A F91</p>

10	<p><code>img</code> elements must have an accessible name.</p> <p>Add an <code>alt</code> attribute describing the image, which screen readers voice instead of the image. Spacer images and purely decorative images should use <code>alt=""</code> without any global ARIA attributes. Do not use <code>alt</code> text containing only spaces since that's voiced as an unlabeled image.</p> <ul style="list-style-type: none"> • NVDA 2023.3 Chrome 120 Windows 10 Reading: Image ignored. • NVDA 2023.3 FF 115 Windows 10 Reading: Image ignored. • NVDA 2023.3 Edge 120 Windows 10 Reading: Image ignored. • JAWS 2023.2311.34 Chrome 120 Windows 10 Reading: Image ignored. • JAWS 2023.2311.34 FF 115 Windows 10 Reading: Image ignored. • JAWS 2023.2311.34 Edge 120 Windows 10 Reading: Image ignored. • VoiceOver macOS 13.6 Safari 16.6 macOS 13.6.0 Reading: Image filename read out. • VoiceOver iOS 16.6 Safari iOS 16.6 iOS 16.6.1 Touch: Image filename read out, along with OCR text from image. <p>WCAG 2.1 A F65 Section 508 (2017) A F65</p>
11	<p>Link uses general text like 'Click Here' with no surrounding text explaining link purpose.</p> <p>Screen reader users use text around links to help understand what the link does. If the link text is very general, and there's no surrounding text, there's no way to work out what the link does. Either use a descriptive link label (which helps all users) or add an <code>aria-label</code> or <code>aria-describedby</code> to the link (which helps screen reader users).</p> <p>WCAG 2.1 A F63 Section 508 (2017) A F63</p>
12	<p>Links must have an accessible name.</p> <ul style="list-style-type: none"> • Add text between the <code>a</code> element start and end tags • Add an <code>aria-label</code> attribute • Add an <code>aria-labelledby</code> attribute • Add an <code>img alt</code> attribute labeling the link if it contains an <code>img</code> element <code>img</code> elements with <code>role=presentation</code> or <code>role=none</code> are not included in the link's accessible name. <code>img</code> elements with <code>display:none</code> or <code>visibility:hidden</code> are not included in the link's accessible name. Some lazy loader scripts hide images until they scroll into view, but screen readers can voice links below the fold (via the List Links command) resulting in reading links with no name.

	WCAG 2.1 A F89 Section 508 (2017) A F89
13	<p>PDFs must be tagged to be accessible by screen readers.</p> <p>Enable the 'Document structure tags' option in Word, or the 'Tagged PDF' option in OpenOffice when exporting, or use the 'Make Accessible' plug-in for Adobe Acrobat.</p> <p>WCAG 2.1 A 1.3.1 Section 508 (2017) A 1.3.1</p>
14	<p>This <code>button</code> element is empty and has no accessible name.</p> <ul style="list-style-type: none">• Add text between the button start and end tags• Add a title attribute• Add an aria-label attribute• Add an aria-labelledby attribute• Add an img alt attribute if the button contains an img element <p>WCAG 2.1 A 4.1.2 Section 508 (2017) A 4.1.2</p>
15	<p>Use HTML headings instead of applying CSS heading styles to non-headings.</p> <p>Screen reader users rely on headings to navigate within pages. Either add <code>role=heading</code> with <code>aria-level</code> or use <code>h1-h6</code> elements to identify the element as a heading to screen readers.</p> <p>WCAG 2.1 A F2 Section 508 (2017) A F2</p>
16	<p>Use semantic markup like <code>strong</code> instead of using the CSS <code>font-weight</code> property.</p> <p>Use the <code>strong</code> element instead of the <code>span</code> element for bold text.</p> <p>WCAG 2.1 A F2 Section 508 (2017) A F2</p>
17	<p>Use the <code>lang</code> attribute to identify the language of the page.</p> <p>In HTML add a <code>lang</code> attribute containing a language code to the <code>html</code> tag, and in PDF set the language using Document Properties in Acrobat. This allows screen readers to pronounce words correctly.</p> <p>WCAG 2.1 A 3.1.1 Section 508 (2017) A 3.1.1</p>

18	<p>Word document contains a graphic without Alt Text.</p> <p>If the image is purely decorative and has no meaning then mark the image as decorative, otherwise, use 'Edit Alt Text' to add an image description. To fix, use the 'Check Accessibility' command in Word to find the image.</p> <p>WCAG 2.1 A 1.1.1 Section 508 (2017) A 1.1.1</p>
19	<p>Word document contains a non-inline graphic or object.</p> <p>Screen readers may not read non-inline objects or may read them in the wrong order. To fix, use the Check Accessibility command in Word to find the object and follow the suggested fix.</p> <p>WCAG 2.1 A 1.3.2 Section 508 (2017) A 1.3.2</p>
20	<p>Cannot use <code>aria-label</code> or <code>aria-labelledby</code> on elements and roles that prohibit naming.</p> <p>The <code>div</code> and <code>span</code> elements have an implicit role of <code>generic</code> and cannot be named unless they have a <code>role</code> attribute. The following roles cannot be named: <code>caption</code> <code>code</code> <code>deletion</code> <code>emphasis</code> <code>generic</code> <code>insertion</code> <code>paragraph</code> <code>presentation</code> <code>strong</code> <code>subscript</code> <code>superscript</code></p> <p>HTML5 ARIA 1.2</p>
21	<p>Do not use the <code>meta viewport</code> tag to disable zoom.</p> <p>Setting <code>user-scalable=no</code> or <code>maximum-scale</code> to less than 2.0 prevents zooming small text to make it readable. Note that iOS 10+ ignores this setting.</p> <p>WCAG 2.1 AA 1.4.4 Section 508 (2017) AA 1.4.4</p>
22	<p>Ensure that text and background colors have enough contrast.</p> <ul style="list-style-type: none"> • The contrast ratio should be 3.0 or more for 18 point text, or larger • The contrast ratio should be 3.0 or more for 14 point bold text, or larger • The contrast ratio should be 4.5 or more for all other text <p>WCAG 2.1 AA 1.4.3 Section 508 (2017) AA 1.4.3</p>

23 The CSS outline or border style on this element makes it difficult or impossible to see the link focus outline.

Do not remove the default outline style, and change any border styles to avoid obscuring the focus outline around focusable elements. See `:focus-visible` for more information.

- Chrome (obscures the focus indicator on links, buttons, dropdowns and range controls)
- Firefox (obscures the focus indicator on links)

[WCAG 2.1 AA F78 Section 508 \(2017\) AA F78](#)