# StataCorp Accessibility Conformance Report Revised Section 508 Edition

(Based on VPAT<sup>®</sup> Version 2.4)

Name of Product/Version: Stata/Version 17

**Report Date:** 6/15/2021

**Product Description:** Stata is a complete, integrated software package that provides all the tools data science professionals need—data manipulation, visualization, statistics, and automated reporting.

#### Contact Information: <a href="mailto:section508@stata.com">section508@stata.com</a>

**Notes:** StataCorp is committed to helping users with accessibility needs make the most out of their experience with Stata. For individual assistance, please reach out to section508@stata.com so that we can provide specialized support, internal best practices documents, and technical assistance.

# **Evaluation Methods Used:**

- Assistive Technologies for Manual Testing: JAWS
- Automated Testing Tools: Paciello Group Color Contrast Analyzer

# **Applicable Standards/Guidelines**

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

## Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports**: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- Not Applicable: The criterion is not relevant to the product.
- **Not Evaluated**: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

# WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the <u>WCAG 2.0 Conformance</u> <u>Requirements</u>.

## Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents do not contain non-text content. Software: Non-text content has been given alternative text as required.
<ul> <li>1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The documents do not utilize audio-only or video-only content. Software: The application does not utilize audio-only or video-only content.
<ul> <li>1.2.2 Captions (Prerecorded) (Level A)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The documents do not contain multimedia content. Software: This application does not contain multimedia content.
<ul> <li>1.2.3 Audio Description or Media Alternative (Prerecorded)</li> <li>(Level A)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The documents do not contain multimedia content. Software: This application does not contain multimedia content.

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> </li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Content information and structure may be programmatically determined in the tested documents. Software: Core features of the application can be performed via commands. A command can be used to programmatically identify headings and other information identifying content and structure.
<ul> <li>1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> </li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Content presented within the tested Stata documents is presented in a clear manner that allows for a programmatic reading order. Software: Content within the Stata Application is presented in a clear manner that allows for a programmatic reading order.
<ul> <li>1.3.3 Sensory Characteristics (Level A)</li> <li>Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> </li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Sensory characteristics are not relied upon to communicate information in the tested documents. Software: Sensory characteristics are not relied upon to communicate information in the Stata application
<ul> <li>1.4.1 Use of Color (Level A)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Color is not used as a means of identifying information in the tested documents.

Criteria	Conformance Level	Remarks and Explanations
<ul><li>504.2 (Authoring Tool)</li><li>602.3 (Support Docs)</li></ul>		Software: Links are not underlined by default, but the underline can be enabled and link color can be changed in the user's settings.
<ul> <li>1.4.2 Audio Control (Level A)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The documents do not have any audio content. Software: The application does not have any audio content.
<ul> <li>2.1.1 Keyboard (Level A)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: All information within the tested documents is accessible via keyboard device. Software: All core features of the application can be performed via the use of commands or menu buttons. These commands may be typed into the command prompt to output any required information.
<ul> <li>2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents do not trap user focus. Software: The application does not trap user focus.
<ul> <li>2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Users are not subject to time limits when viewing the documents.

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		Software: Users are not subject to time limits when using the application.
<ul> <li>2.2.2 Pause, Stop, Hide (Level A)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents do not contain any auto-playing/auto-updating content subject to this criterion. Software: The application does not contain any auto-playing/auto-updating content subject to this criterion.
<ul> <li>2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents do not contain flashing or blinking content. Software: The application does not contain flashing or blinking content.
<ul> <li>2.4.1 Bypass Blocks (Level A) <ul> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul> </li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Not Applicable Authoring Tool: Not Applicable	Electronic Docs: The tested documents do not contain blocks of repeating content as the pages themselves are unique.
<ul> <li>2.4.2 Page Titled (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents have unique and meaningful titles. Software: The current page of the application window and the dialog windows have unique and meaningful titles.

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>2.4.3 Focus Order (Level A) Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> </li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Focus moves in an expected manner within the tested documents. Software: Focus will not move in a logical way through some of the modal dialog windows. However, these are not part of the core function of the application and the functionality can be accessed via the command line.
<ul> <li>2.4.4 Link Purpose (In Context) (Level A)</li> <li>Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> </li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The purpose of links is clear either on its own or in context with surrounding content. Software: The purpose of links is clear either on its own or in context with surrounding content.
<ul> <li>3.1.1 Language of Page (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents have a valid language property. Software: The desktop application has a valid language applied to it.
<ul> <li>3.2.1 On Focus (Level A)</li> <li>Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Transferring focus to content within the tested documents will not initiate a change of context. Software: Transferring focus to content will not initiate a change of context anywhere within the application.

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>3.2.2 On Input (Level A)</li> <li>Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Partially supports Authoring Tool: Not Applicable	Electronic Docs: User input does not lead to unexpected changes of context within the tested documents. Software: The filter menus on the main page will automatically filter results as users type into the History field.
<ul> <li>3.3.1 Error Identification (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The documents do not require user input of information. Software: The application can be put into a screen reader mode that will output all errors in the form of plain text available to screen reader software.
<ul> <li>3.3.2 Labels or Instructions (Level A)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: User input is not required in the tested documents. Software: Labels and instructions are available when user input is required.
<ul> <li>4.1.1 Parsing (Level A) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents do not contain any parsing errors. Software: While parsing errors are present, they do not appear to affect accessibility APIs.
4.1.2 Name, Role, Value (Level A) Also applies to:	Web: Not Applicable Electronic Docs: Supports	

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Programmatic names, roles, and values are provided as necessary for actionable components. Software: Some of the modal dialog buttons lack programmatic names/roles. However, these dialogs are superfluous, and all content may be accessed via the command line.

# Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> </li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The documents do not contain any multimedia content. Software: The application does not contain any multimedia content.
<ul> <li>1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The documents do not contain any multimedia content. Software: The application does not contain any multimedia content.
1.4.3 Contrast (Minimum) (Level AA)	Web: Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
Also applies to:	Electronic Docs: Supports	Electronic Docs: The content within the
Revised Section 508	Software: Supports	tested documents meets minimum color
<ul> <li>501 (Web)(Software)</li> </ul>	Authoring Tool: Not Applicable	contrast requirements and they fully
<ul> <li>504.2 (Authoring Tool)</li> </ul>		support Windows High Contrast mode.
• 602.3 (Support Docs)		Software: The default color scheme of Stata links and errors does not meet color contrast requirements. However, the application fully supports Windows High Contrast mode which can be customized by the user. Additionally, the application supports full color customization by the user of link, error, and text color of results.
<ul> <li>1.4.4 Resize text (Level AA)</li> <li>Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Does not support Authoring Tool: Not Applicable	Electronic Docs: Text size can be increased by minimum standards without obscuring content. Software: Users cannot increase the size of text within the Stata application.
<ul> <li>1.4.5 Images of Text (Level AA)</li> <li>Also applies to:</li> <li>Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The documents do not use images of text. Software: The application does not use images of text.
602.3 (Support Docs)	Web: Not Applicable	
2.4.5 Multiple Ways (Level AA)	Electronic Docs: Supports	Electronic Docs: The help documentation
Also applies to:	Software: Not Applicable	offers main navigation links and a search

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>Revised Section 508</li> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Authoring Tool: Not Applicable	feature. Other PDF documents are unique pages requiring access in a specific order.
<ul> <li>2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The headings used within the tested documents are descriptive of their content. Software: The headings used in the application are descriptive of page or section content. Labels accurately describe their respective fields.
<ul> <li>2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: Focus is visible within the application-based documents and the PDF documents. Software: A visible focus indicator is provided by default within the application.
<ul> <li>3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents do not utilize a language other than that identified in the document properties. Software: The content within the application is presented in the same language.
3.2.3 Consistent Navigation (Level AA) Also applies to:	Web: Not Applicable Electronic Docs: Supports Software: Not Applicable	Electronic Docs: Navigation is consistent throughout the tested documents.

Criteria	Conformance Level	Remarks and Explanations
<ul> <li>Revised Section 508</li> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Authoring Tool: Not Applicable	
<ul> <li>3.2.4 Consistent Identification (Level AA)</li> <li>Also applies to: Revised Section 508 <ul> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul> </li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Not Applicable Authoring Tool: Not Applicable	Electronic Docs: Components are consistently identified within the tested documents.
<ul> <li>3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508</li> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Web: Not Applicable Electronic Docs: Supports Software: Partially supports Authoring Tool: Not Applicable	Electronic Docs: The tested documents do not require user input. Software: Error messages, where possible, describe the problem the software encountered and sometimes can offer a suggestion. Because the software is programmable, the software cannot always know what the user intent was, and thus less informative messages such as simply 'syntax error' may sometimes be issued.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Web: Not Applicable	
Also applies to: Revised Section 508	Electronic Docs: Supports Software: Supports	Electronic Docs: User input is not required within the tested documents.

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web)(Software)	Authoring Tool: Not Applicable	
• 504.2 (Authoring Tool)		Software: The application does not require
• 602.3 (Support Docs)		legal or financial data from the user.

## Table 3: Success Criteria, Level AAA

Notes: Not reporting on WCAG AAA criteria.

# **Revised Section 508 Report**

Notes:

## Chapter 3: <u>Functional Performance Criteria</u> (FPC)

Notes: The product can be fully attested to under the WCAG 2.0 section.

#### Chapter 4: <u>Hardware</u>

Notes: There are no hardware components of the application.

#### Chapter 5: <u>Software</u>

Notes: The product can be fully attested to under the WCAG 2.0 section.

### **Chapter 6: <u>Support Documentation and Services</u>**

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	The application is not subject to Chapter 4.
602.3 Electronic Support Documentation	See <u>WCAG 2.0</u> section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Alternate formats of print materials can be provided at the user's request.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Support services provide a contact method conforming to 603.3
603.3 Accommodation of Communication Needs	Supports	Email tech-support@stata.com for all types of support. Email

Criteria	Conformance Level	Remarks and Explanations
		section508@stata.com for accessibility-specific questions. Call 979-696-4600 for voice support for installation questions (tech-support@stata.com email may also be used for this). Call 979-696-4600 or email service@stata.com for non-technical customer service questions and support.

# Legal Disclaimer (Company)

The information above describes this product's ability to support the standards indicated in the Applicable Standards/Guidelines section. The document is for informational purposes and represents the current state of the product as of the date of publication. As a dynamic and evolving information system, future issues may arise after the date of publication. Further, StataCorp, does not warrant that this document is error free, nor does it provide any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability.