Internet Explorer Keystrokes

**Note:** The JAWS help system includes detailed information about using Internet Explorer. In your browser, press and hold **INSERT** and press **F1** twice quickly. Once JAWS help is open, press **F6** to move to the help topic window.

### General

- **Go Back a Page**
  - ALT+LEFT ARROW or BACKSPACE

- **Go Forward a Page**
  - ALT+RIGHT ARROW

- **Go to Home Page**
  - ALT+HOME

- **Read Address Bar**
  - INSERT+A

- **Next Link**
  - TAB

- **Prior Link**
  - SHIFT+TAB

- **Open Link**
  - ENTER

- **List Frames**
  - INSERT+F9

- **List Links**
  - INSERT+F7

- **List Headings**
  - INSERT+F6

- **Heading at Level**
  - 1 through 6

- **Virtual HTML Features**
  - INSERT+F3

- **Activate Mouse Over**
  - CTRL+INSERT+ENTER

- **Move to Next Clickable Element**
  - SLASH

- **Move to Previous Clickable Element**
  - SHIFT+SLASH
Select Clickable Element: \texttt{INSERT+CTRL+SLASH}

Select a Mouse Over Element: \texttt{INSERT+CTRL+SEMICOLON}

JAWS Find Next and Previous: \texttt{F3} and \texttt{SHIFT+F3} (Internet Explorer only)

Assign Custom Label: \texttt{CTRL+INSERT+TAB}

Move to Next Region: \texttt{R}

Move to Previous Region: \texttt{SHIFT+R}

Select a Region: \texttt{INSERT+CTRL+R}

ARIA Drag-and-Drop: \texttt{WINDOWS Key+CTRL+EQUALS}

ARIA Live Region Text Filter: \texttt{WINDOWS Key+CTRL+DASH}

Open Flexible Web Wizard: \texttt{INSERT+SPACEBAR} followed by \texttt{X}

**Tabbed Browsing Quick Keys**

Open a New Tab: \texttt{CTRL+T}

Open a New Tab from the Address Bar: \texttt{ALT+ENTER} (on address bar)

Open a New Tab from the Toolbar Search Box: \texttt{ALT+ENTER} (on address bar)

View List of Open Tabs: \texttt{CTRL+SHIFT+Q}

Toggle Quick Tabs (Thumbnail View): \texttt{CTRL+Q}

Switch to the Next Tab: \texttt{CTRL+TAB}

Switch to the Previous Tab: \texttt{CTRL+SHIFT+TAB}

Switch to a Specific Tab Number: \texttt{CTRL+n}, where \( n \) is a digit from 1 through 8
<table>
<thead>
<tr>
<th>Action</th>
<th>Keystroke(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch to Last Tab</td>
<td>CTRL+9</td>
</tr>
<tr>
<td>Close Current Tab</td>
<td>CTRL+W or CTRL+F4</td>
</tr>
<tr>
<td>Close All Tabs</td>
<td>ALT+F4</td>
</tr>
<tr>
<td>Close Other Tabs</td>
<td>CTRL+ALT+F4</td>
</tr>
<tr>
<td>Open Links in a New Tab in the Background</td>
<td>CTRL+ENTER</td>
</tr>
<tr>
<td>Open Links in a New Tab in the Foreground</td>
<td>CTRL+SHIFT+ENTER</td>
</tr>
<tr>
<td>Opens and places focus on the Feeds tree view</td>
<td>CTRL+J</td>
</tr>
<tr>
<td>Subscribe to Feeds or Web Slices</td>
<td>ALT+J</td>
</tr>
<tr>
<td></td>
<td>(Internet Explorer 8 or later for Web Slices)</td>
</tr>
</tbody>
</table>

**Navigation Quick Keys**

**Tip:** If you hold down **SHIFT** before pressing one of the following Navigation Quick Keys, you can move to the previous instance of that element, for example, press **A** to move to the next radio button, press **SHIFT+A** to move to the previous radio button. In addition, if you hold down **CTRL+INSERT** while pressing keystrokes with an asterisk (*) next to them, JAWS displays a list of those elements on the page.

<table>
<thead>
<tr>
<th>Quick Key</th>
<th>Keystroke(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Next Radio Button</td>
<td>A*</td>
</tr>
<tr>
<td>Next Button</td>
<td>B*</td>
</tr>
<tr>
<td>Next Combo Box</td>
<td>C*</td>
</tr>
<tr>
<td>Next Different Element</td>
<td>D</td>
</tr>
<tr>
<td>Next Edit Box</td>
<td>E*</td>
</tr>
<tr>
<td>Next Form Control</td>
<td>F</td>
</tr>
</tbody>
</table>
Next Graphic
Next Heading
Next Item in a List
Jump to Line
Next PlaceMarker
Next List
Next Frame
Skip Past Links
Next Object Tag
Next Paragraph
Move to Main Region
Next Region
Next Same Element
Next Table
Next Unvisited Link
Next Visited Link
Next Check Box
Next Division
Next Separator
Next Element
Previous Element

Keystrokes - 4
Forms

Enter Forms Mode
Exit Forms Mode
List Form Fields
First Form Field
Next Form Field
Prior Form Field
Last Form Field
Next Radio Button
Prior Radio Button
List Radio Buttons
Next Button
Prior Button
List Buttons
Next Combo Box
Prior Combo Box
List Combo Boxes
Next Edit Box
Prior Edit Box
List Edit Boxes
Next Check Box
Prior Check Box
List Check Boxes

ENTER
NUM PAD PLUS
INSERT+F5
INSERT+CTRL+HOME
F
SHIFT+F
INSERT+CTRL+END
A
SHIFT+A
CTRL+INSERT+A
B
SHIFT+B
CTRL+INSERT+B
C
SHIFT+C
CTRL+INSERT+C
E
SHIFT+E
CTRL+INSERT+E
X
SHIFT+X
CTRL+INSERT+X

Keystrokes - 5
# Tables

List keystrokes for table navigation

**Next Table**

T

**Prior Table**

SHIFT+T

**Select Table**

F8

**Next Row**

WINDOWS KEY+ALT+DOWN ARROW

**Prior Row**

WINDOWS KEY+ALT+UP ARROW

**Read Row**

WINDOWS KEY+COMMA or WINDOWS KEY+NUM PAD 5

**Next Column**

WINDOWS KEY+ALT+RIGHT ARROW

**Prior Column**

WINDOWS KEY+ALT+LEFT ARROW

**Read Column**

WINDOWS KEY+PERIOD

**Next Cell in Row**

ALT+CTRL+RIGHT ARROW

**Prior Cell in Row**

ALT+CTRL+LEFT ARROW

**Cell Below in Column**

ALT+CTRL+DOWN ARROW

**Cell Above in Column**

ALT+CTRL+UP ARROW

**Jump to Table Cell**

CTRL+WINDOWS KEY+J

**Return to Previous Cell**

CTRL+WINDOWS KEY+SHIFT+J
PlaceMarkers

Set Temporary PlaceMarker (Permanent Marker for Word)
CTRL+WINDOWS Key+K

Add, Delete, Edit, or Rename Permanent PlaceMarkers
CTRL+SHIFT+K

Move to the Next or Prior PlaceMarker
K or SHIFT+K

Read Text at PlaceMarkers 1 through 4
Number Row Keys 7 through 0

Move to PlaceMarker 1 through 4
SHIFT+ number row keys 7 through 0

Return to PlaceMarker in Word
ALT+WINDOWS Key+K

Select Text from PlaceMarker to Cursor Position
INSERT+SPACEBAR followed by M

Frames

Next Frame
M

Prior Frame
SHIFT+M

List Frames
INSERT+F9

Elements

Next Same Element
S

Prior Same Element
SHIFT+S

Next Different Element
D

Prior Different Element
SHIFT+D

Next Element
SHIFT+PERIOD

Prior Element
SHIFT+COMMA
Select Entire Element: F8
Display Entire Element: SHIFT+INSERT+F1
Display Detailed Element Information: CTRL+SHIFT+INSERT+F1
Activate Mouse Over: INSERT+CTRL+ENTER

Desktop Keystrokes

For Reading Text
Say Character: NUM PAD 5
Say Character Phonetically: NUM PAD 5 twice quickly
Say Prior Character: LEFT ARROW
Say Next Character: RIGHT ARROW
Say Word: INSERT+NUM PAD 5
Spell Word: INSERT+NUM PAD 5 twice quickly
Say Prior Word: INSERT+LEFT ARROW
Say Next Word: INSERT+RIGHT ARROW
Say Line: INSERT+UP ARROW
Spell Line: INSERT+UP ARROW twice quickly
Say Prior Line: UP ARROW
Say Next Line: DOWN ARROW
Say Sentence: ALT+NUM PAD 5
Say Prior Sentence: ALT+UP ARROW
Say Next Sentence: ALT+DOWN ARROW
Say Paragraph  
CTRL+NUM PAD 5
Say Prior Paragraph  
CTRL+UP ARROW
Say Next Paragraph  
CTRL+DOWN ARROW
Say to Cursor  
INSERT+HOME
Say from Cursor  
INSERT+PAGE UP
Say All  
INSERT+DOWN ARROW
Rewind During Say All  
LEFT ARROW
Fast Forward During Say All  
RIGHT ARROW
Say Color  
INSERT+5 on the numbers row
Increase Voice Rate During Say All  
PAGE UP
Decrease Voice Rate During Say All  
PAGE DOWN
Temporarily Increase Voice Rate When Not in Say All  
ALT+CTRL+PAGE UP
Temporarily Decrease Voice Rate When Not in Say All  
ALT+CTRL+PAGE DOWN
Permanently Increase Voice Rate When Not in Say All  
ALT+WINDOWS KEY+CTRL+PAGE UP
Permanently Decrease Voice Rate When Not in Say All  
ALT+WINDOWS KEY+CTRL+PAGE DOWN
Start Skim Reading  
CTRL+INSERT+DOWN ARROW
Change Skim Reading Preferences  
CTRL+SHIFT+INSERT+DOWN ARROW
Display Skim Reading Summary  
INSERT+WINDOWS KEY+DOWN ARROW
Toggle Speech On and Off

**Insert+Spacebar**, followed by \textit{S}

**Informational**

- Interrupt Speech: \text{CTRL}
- Say Font: \text{Insert+F}
- Say Window Title: \text{Insert+T}
- Say Window Prompt and Text: \text{Insert+Tab}
- JAWS Find: \text{Ctrl+Insert+F}
- JAWS Find Next: \text{Insert+F3}
- JAWS Find Previous: \text{Insert+Shift+F3}
- Say Top Line of Window: \text{Insert+End}
- Say Bottom Line of Window: \text{Insert+Page Down}
- Say Selected Text: \text{Insert+Shift+Down Arrow}
- Get Application Version: \text{Ctrl+Insert+V}

**For Cursors and Mouse**

- PC Cursor: \text{Num Pad Plus}
- JAWS Cursor: \text{Num Pad Minus}
- Touch Cursor: \text{Shift+Num Pad Plus}
- Route PC Cursor to JAWS Cursor: \text{Insert+Num Pad Plus}
- Route JAWS Cursor to PC Cursor: \text{Insert+Num Pad Minus}
- Left Mouse Button: \text{Num Pad Slash}

**Keystrokes - 10**
<table>
<thead>
<tr>
<th>Keystrokes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right Mouse Button</td>
</tr>
<tr>
<td>Drag and Drop</td>
</tr>
<tr>
<td>Restrict JAWS Cursor</td>
</tr>
<tr>
<td><strong>For Dialog Boxes</strong></td>
</tr>
<tr>
<td>Say Default Button of Dialog Box</td>
</tr>
<tr>
<td>Read Window from Top to Bottom</td>
</tr>
<tr>
<td>Read Word in Context</td>
</tr>
<tr>
<td>Say Current Control Hot Key</td>
</tr>
<tr>
<td>Open Combo Box</td>
</tr>
<tr>
<td>Close Combo Box</td>
</tr>
<tr>
<td>Announce Progress Bar Status</td>
</tr>
<tr>
<td><strong>For Help</strong></td>
</tr>
<tr>
<td>JAWS Command Search</td>
</tr>
<tr>
<td>Context Sensitive Help</td>
</tr>
<tr>
<td>Keyboard Help</td>
</tr>
<tr>
<td>JAWS Help for Applications</td>
</tr>
<tr>
<td>Hot Key Help</td>
</tr>
<tr>
<td>Windows Key Help</td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
</tr>
<tr>
<td>JAWS Window</td>
</tr>
<tr>
<td>Command</td>
</tr>
<tr>
<td>---------------------------------</td>
</tr>
<tr>
<td>Refresh Screen</td>
</tr>
<tr>
<td>Quick Settings</td>
</tr>
<tr>
<td>Run JAWS Manager</td>
</tr>
<tr>
<td>Shut Down JAWS</td>
</tr>
<tr>
<td>Window List Dialog</td>
</tr>
<tr>
<td>Select a System Tray Icon Dialog</td>
</tr>
<tr>
<td>Say System Time</td>
</tr>
<tr>
<td>Graphics Labeler</td>
</tr>
<tr>
<td>Auto Graphics Labeler</td>
</tr>
<tr>
<td>Pass Key Through</td>
</tr>
<tr>
<td>Virtualize Window</td>
</tr>
<tr>
<td>Virtualize Current Control</td>
</tr>
<tr>
<td>Select Scheme</td>
</tr>
<tr>
<td>Select Language</td>
</tr>
<tr>
<td>Select Voice Profile</td>
</tr>
<tr>
<td>Read Columns 1 through 10 of a List View</td>
</tr>
<tr>
<td>Copy Selected Text to FSClipboard</td>
</tr>
<tr>
<td>Show Speech History</td>
</tr>
</tbody>
</table>

**For Frames**

Frame Get Top Left  
CTRL+SHIFT+LEFT BRACKET

Keystrokes - 12
Frame Get Bottom Right
CTRL+SHIFT+RIGHT BRACKET

Frame Set to Window
CTRL+SHIFT+LEFT BRACKET
twice quickly

For JAWS Tandem
Ends JAWS Tandem Session
INSERT+ALT+T

Toggle Between Target and Controller Desktop (Controller User only)
INSERT+ALT+TAB

Toggle Video On or Off on Controller (Controller User only)
INSERT+CTRL+SHIFT+V

For Research It
Open Research It
INSERT+SPACEBAR, followed by R

Launch Research It Using the Primary Lookup Source
INSERT+WINDOWS Key+R

For Convenient OCR
Recognize current PDF document
INSERT+SPACEBAR, followed by O, and then D

Recognize current application window
INSERT+SPACEBAR, followed by O, and then W

Recognize entire screen
INSERT+SPACEBAR, followed by O, and then S

Recognize currently selected control
INSERT+SPACEBAR, followed by O, and then C

Cancel recognition while in progress
INSERT+SPACEBAR, followed by O, and then Q
Announce help message for OCR commands

**INSERT+SPACEBAR**, followed by **O**, and then **QUESTION MARK**

**For Touch Cursor**

- **Touch Cursor**
  - **SHIFT+NUM PAD PLUS**
- **Next Object**
  - **RIGHT ARROW** or **TAB**
- **Prior Object**
  - **LEFT ARROW** or **SHIFT+TAB**
- **Next Object by Type**
  - **DOWN ARROW**
- **Prior Object by Type**
  - **UP ARROW**
- **Cycle Through Object**
  - **PAGE UP** or **PAGE DOWN**
- **Navigation Types**
  - **CTRL+HOME**
  - **CTRL+END**
- **First Object**
  - **INSERT+UP ARROW**
- **Last Object**
  - **INSERT+DOWN ARROW**
- **Say Current Object**
  - **INSERT+NUM PAD PLUS**
- **Say All with Touch Cursor**
  - **NUM PAD SLASH** or **INSERT+ENTER**
- **Route Touch Cursor to Focused Object**
  - **NUM PAD STAR**

**Laptop Keystrokes**

**For Reading Text**

- **Say Character**
  - **CAPS LOCK+COMMA**
- **Say Character Phonetically**
  - **CAPS LOCK+COMMA** twice quickly
<table>
<thead>
<tr>
<th>Action</th>
<th>Keystroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>Say Prior Character</td>
<td>CAPS LOCK+M</td>
</tr>
<tr>
<td>Say Next Character</td>
<td>CAPS LOCK+PERIOD</td>
</tr>
<tr>
<td>Say Word</td>
<td>CAPS LOCK+K</td>
</tr>
<tr>
<td>Spell Word</td>
<td>CAPS LOCK+K twice quickly</td>
</tr>
<tr>
<td>Say Prior Word</td>
<td>CAPS LOCK+J</td>
</tr>
<tr>
<td>Say Next Word</td>
<td>CAPS LOCK+L</td>
</tr>
<tr>
<td>Say Line</td>
<td>CAPS LOCK+I</td>
</tr>
<tr>
<td>Spell Line</td>
<td>CAPS LOCK+I twice quickly</td>
</tr>
<tr>
<td>Say Prior Line</td>
<td>CAPS LOCK+U</td>
</tr>
<tr>
<td>Say Next Line</td>
<td>CAPS LOCK+O</td>
</tr>
<tr>
<td>Say Sentence</td>
<td>CAPS LOCK+H</td>
</tr>
<tr>
<td>Say Prior Sentence</td>
<td>CAPS LOCK+Y</td>
</tr>
<tr>
<td>Say Next Sentence</td>
<td>CAPS LOCK+N</td>
</tr>
<tr>
<td>Say Paragraph</td>
<td>CAPS LOCK+CTRL+I</td>
</tr>
<tr>
<td>Say Prior Paragraph</td>
<td>CAPS LOCK+CTRL+U</td>
</tr>
<tr>
<td>Say Next Paragraph</td>
<td>CAPS LOCK+CTRL+O</td>
</tr>
<tr>
<td>Say to Cursor</td>
<td>CAPS LOCK+SHIFT+J</td>
</tr>
<tr>
<td>Say from Cursor</td>
<td>CAPS LOCK+SHIFT+L</td>
</tr>
<tr>
<td>Say All</td>
<td>CAPS LOCK+A</td>
</tr>
<tr>
<td>Rewind During a Say All</td>
<td>LEFT ARROW</td>
</tr>
<tr>
<td>Fast Forward During a Say All</td>
<td>RIGHT ARROW</td>
</tr>
<tr>
<td>Say Color</td>
<td>CAPS LOCK+5</td>
</tr>
<tr>
<td>Increase Voice Rate During Say All</td>
<td>PAGE UP</td>
</tr>
<tr>
<td>Feature</td>
<td>Keystrokes</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>-------------------------------------------------</td>
</tr>
<tr>
<td>Decrease Voice Rate During Say All</td>
<td>PAGE DOWN</td>
</tr>
<tr>
<td>Temporarily Increase Voice Rate When Not in Say All</td>
<td>ALT+CTRL+PAGE UP</td>
</tr>
<tr>
<td>Temporarily Decrease Voice Rate When Not in Say All</td>
<td>ALT+CTRL+PAGE DOWN</td>
</tr>
<tr>
<td>Permanently Increase Voice Rate When Not in Say All</td>
<td>ALT+WINDOWS KEY+CTRL+PAGE UP</td>
</tr>
<tr>
<td>Permanently Decrease Voice Rate When Not in Say All</td>
<td>ALT+WINDOWS KEY+CTRL+PAGE DOWN</td>
</tr>
<tr>
<td>Start Skim Reading</td>
<td>CAPS LOCK+CTRL+DOWN ARROW</td>
</tr>
<tr>
<td>Change Skim Reading Preferences</td>
<td>CAPS LOCK+CTRL+SHIFT+DOWN ARROW</td>
</tr>
<tr>
<td>Display Skim Reading Summary</td>
<td>CAPS LOCK+WINDOWS KEY+DOWN ARROW</td>
</tr>
<tr>
<td>Toggle Speech On and Off</td>
<td>CAPS LOCK+SPACEBAR, followed by S</td>
</tr>
<tr>
<td><strong>Informational</strong></td>
<td></td>
</tr>
<tr>
<td>Interrupt Speech</td>
<td>CTRL</td>
</tr>
<tr>
<td>Say Font</td>
<td>CAPS LOCK+F</td>
</tr>
<tr>
<td>Say Window Title</td>
<td>CAPS LOCK+T</td>
</tr>
<tr>
<td>Say Window Prompt and Text</td>
<td>CAPS LOCK+TAB</td>
</tr>
<tr>
<td>JAWS Find</td>
<td>CAPS LOCK+CTRL+F</td>
</tr>
<tr>
<td>JAWS Find Next</td>
<td>CAPS LOCK+F3</td>
</tr>
<tr>
<td>JAWS Find Previous</td>
<td>CAPS LOCK+SHIFT+F3</td>
</tr>
<tr>
<td>Say Top Line of Window</td>
<td>CAPS LOCK+SHIFT+Y</td>
</tr>
</tbody>
</table>

**Keystrokes - 16**
<table>
<thead>
<tr>
<th>Function</th>
<th>Keystrokes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Say Bottom Line of Window</td>
<td>CAPS LOCK+SHIFT+N</td>
</tr>
<tr>
<td>Say Selected Text</td>
<td>CAPS LOCK+SHIFT+A</td>
</tr>
<tr>
<td>Get Application Version</td>
<td>CAPS LOCK+CTRL+V</td>
</tr>
<tr>
<td><strong>For Cursors and Mouse</strong></td>
<td></td>
</tr>
<tr>
<td>PC Cursor</td>
<td>CAPS LOCK+SEMICOLON</td>
</tr>
<tr>
<td>JAWS Cursor</td>
<td>CAPS LOCK+P</td>
</tr>
<tr>
<td>Touch Cursor</td>
<td>SHIFT+CAPS LOCK+SEMICOLON</td>
</tr>
<tr>
<td>Route PC Cursor to JAWS Cursor</td>
<td>CAPS LOCK+APOSTROPHE</td>
</tr>
<tr>
<td>Route JAWS Cursor to PC Cursor</td>
<td>CAPS LOCK+LEFT BRACKET</td>
</tr>
<tr>
<td>Left Mouse Button</td>
<td>CAPS LOCK+8</td>
</tr>
<tr>
<td>Right Mouse Button</td>
<td>CAPS LOCK+9</td>
</tr>
<tr>
<td>Left Mouse Button Lock</td>
<td>CTRL+WINDOWS KEY+8</td>
</tr>
<tr>
<td>Right Mouse Button Lock</td>
<td>CTRL+WINDOWS KEY+9</td>
</tr>
<tr>
<td>Drag and Drop</td>
<td>CAPS LOCK+CTRL+8</td>
</tr>
<tr>
<td>Restrict JAWS Cursor</td>
<td>CAPS LOCK+R</td>
</tr>
<tr>
<td><strong>For Dialog Boxes</strong></td>
<td></td>
</tr>
<tr>
<td>Say Default Button of Dialog</td>
<td>CAPS LOCK+E</td>
</tr>
<tr>
<td>Read Window in Tab Order</td>
<td>CAPS LOCK+B</td>
</tr>
<tr>
<td>Read Word in Context</td>
<td>CAPS LOCK+C</td>
</tr>
<tr>
<td>Say Current Control Hot Key</td>
<td>CAPS LOCK+SHIFT+COMMA</td>
</tr>
<tr>
<td>Open Combo Box</td>
<td>ALT+DOWN ARROW</td>
</tr>
</tbody>
</table>
Close Combo Box: ALT+UP ARROW
Announce Progress Bar Status: CAPS LOCK+TAB

**For Help**

JAWS Command Search: CAPS LOCK+SPACEBAR, followed by J
Context Sensitive Help: CAPS LOCK+F1
Keyboard Help: CAPS LOCK+1
JAWS Help for Applications: CAPS LOCK+F1 twice quickly
Hot Key Help: INSERT+H
Windows Key Help: CAPS LOCK+W

**Miscellaneous**

JAWS Window: INSERT+J
Refresh Screen: CAPS LOCK+ESC
Quick Settings: CAPS LOCK+V
Run JAWS Manager: CAPS LOCK+F2
Shut Down JAWS: CAPS LOCK+F4
Window List Dialog: CAPS LOCK+F10
Select a System Tray Icon Dialog: CAPS LOCK+F11
Say System Time: CAPS LOCK+F12
Graphics Labeler: CAPS LOCK+G
Auto Graphics Labeler: CAPS LOCK+CTRL+G
Pass Key Through: CAPS LOCK+3

Keystrokes - 18
Read Columns 1 through 10 of a List View
CTRL+INSERT+n, where n is a value from 1, 2, 3, through 0

Copy Selected Text to FSClipboard
CAPS LOCK+WINDOWS KEY+C

Show Speech History
CAPS LOCK+SPACEBAR followed by H

**For Frames**

Frame Get Top Left
CTRL+SHIFT+LEFT BRACKET

Frame Get Bottom Right
CTRL+SHIFT+RIGHT BRACKET

Frame Set to Window
CTRL+SHIFT+LEFT BRACKET twice quickly

**For JAWS Tandem**

Ends JAWS Tandem Session
INSERT+ALT+T

Toggle Between Target and Controller Desktop (Controller User only)
INSERT+ALT+TAB

Toggle Video On or Off on Controller (Controller User only)
INSERT+CTRL+SHIFT+V

**For Research It**

Open Research It
CAPS LOCK+SPACEBAR, followed by R

Launch Research It Using the Primary Lookup Source
CAPS LOCK+WINDOWS Key+R

**For Convenient OCR**

Recognize current PDF document
CAPS LOCK+SPACEBAR, followed by O, and then D
Recognize current application window: \text{CAPS LOCK+SPACEBAR}, followed by \text{O}, and then \text{W}

Recognize entire screen: \text{CAPS LOCK+SPACEBAR}, followed by \text{O}, and then \text{S}

Recognize currently selected control: \text{CAPS LOCK+SPACEBAR}, followed by \text{O}, and then \text{C}

Cancel recognition while in progress: \text{CAPS LOCK+SPACEBAR}, followed by \text{O}, and then \text{Q}

Announce help message for OCR commands: \text{CAPS LOCK+SPACEBAR}, followed by \text{O}, and then \text{QUESTION MARK}

\textbf{For Touch Cursor}

Touch Cursor: \text{SHIFT+CAPS LOCK+SEMICOLON}

Next Object: \text{RIGHT ARROW} or \text{TAB}

Prior Object: \text{LEFT ARROW} or \text{SHIFT+TAB}

Next Object by Type: \text{DOWN ARROW}

Prior Object by Type: \text{UP ARROW}

Cycle Through Object Navigation Types: \text{PAGE UP} or \text{PAGE DOWN}

First Object: \text{CTRL+HOME}

Last Object: \text{CTRL+END}

Say Current Object: \text{CAPS LOCK+I}

Say All with Touch Cursor: \text{CAPS LOCK+DOWN ARROW}

Route Touch Cursor to Focused Object: \text{CAPS LOCK+APOSTROPHE}

Text Review: \text{INSERT+ENTER}

\textbf{Keystrokes - 20}
Advanced Navigation

Windows Keystrokes

General

Get Help
Open the Start menu
Open Windows Explorer
Open Run Dialog
Find File or Folder from Desktop
Minimize All Applications
Switch Between Open Applications
Quit the Active Application

For Windows and Menus

Open the Application Control Menu
Move to Current Application’s Menu Bar
Choose a Menu Item
Move Between Menus
Cancel or Close a Menu
Cancel or Close a Cascading Menu
Open a Child Window Control Menu

Keystrokes - 21
Close a Child Window  
Open the Context Menu

**For Dialog Boxes**

Move Through Dialog Controls  
Move Backward Through Dialog Controls  
Move to Another Page  
Reverse Direction Through Pages  
Select or Deselect in List View  
Toggle a Check Box On/Off

**For Reading Text**

Move One Character Left  
Move One Character Right  
Move One Word Left  
Move One Word Right  
Move to Beginning of Line  
Move to End of Line  
Move One Paragraph Up  
Move One Paragraph Down  
Scroll Up One Screen  
Scroll Down One Screen

CTRL+F4
APPLICATIONS KEY or SHIFT+F10

TAB
SHIFT+TAB
CTRL+TAB
CTRL+SHIFT+TAB
SPACEBAR or CTRL+SPACEBAR
SPACEBAR

LEFT ARROW
RIGHT ARROW
CTRL+LEFT ARROW
CTRL+RIGHT ARROW
HOME
END
CTRL+UP ARROW
CTRL+DOWN ARROW
PAGE UP
PAGE DOWN
Move to Beginning
CTRL+HOME
Move to End
CTRL+END

For Editing Text
Copy
CTRL+C
Cut
CTRL+X
Paste
CTRL+V

Read Clipboard Contents (Desktop or Laptop Layout)
WINDOWS KEY+INSERT+X or
WINDOWS KEY+CAPS LOCK+X
Virtualize Clipboard Contents (Desktop or Laptop Layout)
INSERT+SPACEBAR followed by c or CAPS LOCK+SPACEBAR followed by c

Undo
CTRL+Z
Delete Current Character
DELETE
Delete Prior Character
BACKSPACE
Select One Character Left
SHIFT+LEFT ARROW
Select One Character Right
SHIFT+RIGHT ARROW
Select One Word Left
CTRL+SHIFT+LEFT ARROW
Select One Word Right
CTRL+SHIFT+RIGHT ARROW
Select to Beginning of Line
SHIFT+HOME
Select to End of Line
SHIFT+END
Select to Beginning
CTRL+SHIFT+HOME
Select to End
CTRL+SHIFT+END
Select All
CTRL+A
### For Windows Explorer

<table>
<thead>
<tr>
<th>Task</th>
<th>Keystroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete files</td>
<td>DELETE</td>
</tr>
<tr>
<td>Rename a file or folder</td>
<td>F2</td>
</tr>
<tr>
<td>Open Properties for Selected</td>
<td>ALT+ENTER</td>
</tr>
<tr>
<td>File or Folder</td>
<td></td>
</tr>
<tr>
<td>Refresh a window</td>
<td>F5</td>
</tr>
<tr>
<td>Switch between panes</td>
<td>TAB and SHIFT+TAB</td>
</tr>
<tr>
<td>Go up one level</td>
<td>BACKSPACE</td>
</tr>
</tbody>
</table>
# Touch Gestures

## Gestures for Touch Navigation, Text Reading, and Speech Settings

<table>
<thead>
<tr>
<th>Gesture</th>
<th>Touch Navigation</th>
<th>Text Reading</th>
<th>Speech Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flick right or left</td>
<td>Next or prior object</td>
<td>Next or prior character</td>
<td>Increase or decrease speech rate</td>
</tr>
<tr>
<td>Flick down or up</td>
<td>Next or prior object (of the type previously set by two-finger flick right or left)</td>
<td>Next or prior line (or anywhere that up/down arrow works to move by line)</td>
<td>Decrease or increase main volume settings</td>
</tr>
<tr>
<td>2-Finger flick right or left</td>
<td>Cycle forward or backward through object navigation types, such as regions, headings, list items, etc.</td>
<td>Next or prior word</td>
<td>-</td>
</tr>
<tr>
<td>2-Finger flick up</td>
<td>Say current object</td>
<td>Prior paragraph</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Actually performs a CTRL+UP ARROW)</td>
<td></td>
</tr>
<tr>
<td>2-Finger flick down</td>
<td>Say all</td>
<td>Next paragraph</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Actually performs a CTRL+DOWN)</td>
<td></td>
</tr>
<tr>
<td>Gesture</td>
<td>Action</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3-Finger flick left or right</strong></td>
<td>Beginning or end of current line (Actually performs a JAWS END/HOME)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3-Finger flick up or down</strong></td>
<td>Beginning or end of text area (Actually performs a CTRL+HOME/END)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4-Finger double tap</strong></td>
<td>List gestures for touch navigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2-Finger swipe right-left</strong></td>
<td>Escape (Actually performs ESC for both touch navigation and text reading)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2-Finger swipe up-down</strong></td>
<td>Close application (For both touch navigation and text reading)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2-Finger tap</strong></td>
<td>Silence speech</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keystroke</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Finger double tap</td>
<td>Same as pressing the <strong>APPLICATIONS</strong> key</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Finger pinch in or out</td>
<td>Toggle Windows 8 semantic zoom feature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Finger rotate clockwise</td>
<td>Set next gesture mode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Finger rotate counter clockwise</td>
<td>Set prior gesture mode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-Finger double tap</td>
<td>Toggle speech on/off</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-Finger swipe down</td>
<td>Scroll up touch navigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-Finger swipe up</td>
<td>Scroll down touch navigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-Finger swipe left</td>
<td>Scroll right touch navigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-Finger swipe right</td>
<td>Scroll left touch navigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-Finger tap</td>
<td>Display gesture context help</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-Finger triple tap</td>
<td>Gesture practice mode, similar to keyboard help</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-Finger tap</td>
<td>JAWS Manager dialog box (If the gesture mode is not already set to touch when this command is used, the mode is set to touch.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-Finger double tap</td>
<td>JAWS window (If the gesture mode is not already set to touch when this command is used, the mode is set to touch.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-Finger triple tap</td>
<td>Shut down JAWS (If the gesture mode is not already set to touch when this command is used, the mode is set to touch.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>