> **graph export** — Export current graph

Syntax   Description   Options   Remarks and examples   Also see

Syntax

> <u>gr</u>aph export *newfilename.suffix* [, *options*]

options	Description
name(*windowname*)	name of Graph window to export
as(*fileformat*)	desired format of output
replace	*newfilename* may already exist
override_options	override defaults in conversion

If as() is not specified, the output format is determined by the suffix of *newfilename.suffix*:

suffix	Implied option	Output format
.ps	as(ps)	PostScript
.eps	as(eps)	EPS (Encapsulated PostScript)
.wmf	as(wmf)	Windows Metafile
.emf	as(emf)	Windows Enhanced Metafile
.pdf	as(pdf)	PDF
.png	as(png)	PNG (Portable Network Graphics)
.tif	as(tif)	TIFF
other		must specify as()

ps and eps are available for all versions of Stata; png and tif are available for all versions
  of Stata except Stata(console) for Unix; pdf is available only for Stata for Windows and
  Stata for Mac; and wmf and emf are available only for Stata for Windows.

override_options	Description
ps_options	when exporting to ps
eps_options	when exporting to eps
tif_options	when exporting to tif
png_options	when exporting to png

See [G-3] *ps_options*, [G-3] *eps_options*, [G-3] *tif_options*, and
  [G-3] *png_options*.

There are no *override_options* for the pdf format.

Description

graph export exports to a file the graph displayed in a Graph window.

Options

name(*windowname*) specifies which window to export from when exporting a graph. Omitting the
   name() option exports the topmost graph (Stata for Unix(GUI) users: see *Technical note for Stata
   for Unix(GUI) users*). The name for a window is displayed inside parentheses in the window title.
   For example, if the title for a Graph window is **Graph (MyGraph)**, the name for the window
   is **MyGraph**. If a graph is an **asis** or **graph7** graph where there is no name in the window title,
   specify "" for *windowname*.

as(*fileformat*) specifies the file format to which the graph is to be exported. This option is rarely
   specified because, by default, graph export determines the format from the suffix of the file
   being created.

replace specifies that it is okay to replace *filename*.*suffix* if it already exists.

override_options modify how the graph is converted. See [G-3] *ps_options*, [G-3] *eps_options*,
   [G-3] *tif_options*, and [G-3] *png_options*. See also [G-2] **graph set** for permanently setting default
   values for the *override_options*.

Remarks and examples

Graphs are exported by displaying them on the screen and then typing

   . graph export *filename*.*suffix*

Remarks are presented under the following headings:

> *Exporting the graph displayed in a Graph window*
> *Exporting a graph stored on disk*
> *Exporting a graph stored in memory*

If your interest is simply in printing a graph, see [G-2] **graph print**.

Exporting the graph displayed in a Graph window

There are three ways to export the graph displayed in a Graph window:

1. Right-click on the Graph window, select **Save Graph...**, and choose the appropriate **Save as
   type**.

2. Select **File > Save Graph...**, and choose the appropriate **Save as type**.

3. Type "graph export *filename*.*suffix*" in the Command window. Stata for Unix(GUI) users
   should use the name() option if there is more than one graph displayed to ensure that the
   correct graph is exported (see *Technical note for Stata for Unix(GUI) users*).

All three are equivalent. The advantage of graph export is that you can include it in do-files:

   . graph ...   (draw a graph)
   . graph export *filename*.*suffix* (and export it)

By default, graph export determines the output type by the *suffix*. If we wanted to create an
Encapsulated PostScript file, we might type

   . graph export figure57.eps

Exporting a graph stored on disk

To export a graph stored on disk, type

    . graph use *gph_filename*
    . graph export *output_filename.suffix*

Do not specify graph use's nodraw option; see [G-2] **graph use**.

Stata for Unix(console) users: follow the instructions just given, even though you have no Graph window and cannot see what has just been "displayed". Use the graph, and then export it.

Exporting a graph stored in memory

To export a graph stored in memory but not currently displayed, type

    . graph display *name*
    . graph export *filename.suffix*

Do not specify graph display's nodraw option; see [G-2] **graph display**.

Stata for Unix(console) users: follow the instructions just given, even though you have no Graph window and cannot see what has just been "displayed". Display the graph, and then export it.

❑ Technical note

Stata for Unix(GUI) users should note that X-Windows does not have a concept of a window z-order, which prevents Stata from determining which window is the topmost window. Instead, Stata determines which window is topmost based on which window has the focus. However, some window managers will set the focus to a window without bringing the window to the top. What Stata considers the topmost window may not appear topmost visually. For this reason, you should always use the name() option to ensure that the correct Graph window is exported.

❑

Also see

[G-3] *eps_options* — Options for exporting to Encapsulated PostScript

[G-3] *png_options* — Options for exporting to portable network graphics (PNG) format

[G-3] *ps_options* — Options for exporting or printing to PostScript

[G-3] *tif_options* — Options for exporting to tagged image file format (TIFF)

[G-2] **graph set** — Set graphics options

[G-2] **graph display** — Display graph stored in memory

[G-2] **graph print** — Print a graph

[G-2] **graph use** — Display graph stored on disk