

BAR PATTERN COLOR

PURPOSE

Specifies the color used to fill bars on subsequent plots.

DESCRIPTION

See the documentation for the BAR command for a description of the various types of bar charts that DATAPLOT can generate. Bar pattern colors are specified by trace. All bars belonging to the same trace will have the same bar pattern color. This command is used for hatch filled bars. The BAR FILL COLOR is used for solid filled bars.

SYNTAX

BAR PATTERN COLOR <color> <color> <color> etc.

where <color> is a string or an integer number or parameter that specifies the desired color. Up to 100 bar pattern colors can be specified.

EXAMPLES

```
BAR PATTERN COLOR RED BLUE GREEN
BAR PATTERN COLOR BLACK ALL
BAR PATTERN COLOR 3 4 5
BAR PATTERN COLOR
```

NOTE 1

The BAR FILL command must be used in order for the bars to be filled with a pattern. If the bar fill switch is off (the default), this command is ignored.

NOTE 2

DATAPLOT can generate either solid fills or hatch pattern fills. The BAR PATTERN COLOR command only applies to hatch fills. Use the BAR FILL COLOR command to specify the color for solid filled bars.

NOTE 3

The BAR PATTERN COLOR command with no arguments sets the bar pattern color to default for all traces. The BAR PATTERN COLOR command with the word ALL before or after the specified color assigns that bar pattern color to all bars; thus BAR PATTERN COLOR BLACK ALL or BAR PATTERN COLOR ALL BLACK plot all bar fills in black.

DEFAULT

All bar patterns are black.

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
CHARACTERS	=	Sets the character types for plot points.
LINES	=	Sets the line types for plot points.
SPIKES	=	Sets the on/off switches for plot spikes.
BAR	=	Sets the on/off switches for bars on plots
BAR BASE	=	Sets the base locations for plot bars.
BAR FILL	=	Sets the on/off switches for plot bar fills.
BAR FILL COLOR	=	Sets the colors for bar fills.
BAR DIMENSION	=	Sets the bar dimensions to 2d or 3d.
BAR DIRECTION	=	Sets the bar directions to horizontal or vertical.
BAR PATTERN	=	Sets the types for bar fill patterns.
BAR PATTERN LINE	=	Sets the line types for bar fill patterns.
BAR PATTERN SPACING	=	Sets the line spacings for bar fill patterns.
BAR PATTERN THICKNESS	=	Sets the line thicknesses for bar fill patterns.
BAR BORDER COLOR	=	Sets the colors for bar border lines.
BAR BORDER LINE	=	Sets the types for bar border lines.

BAR BORDER THICKNESS = Sets the line thicknesses for bar border lines.
 BAR WIDTH = Sets the widths for plot bars.

APPLICATIONS

Presentation Graphics

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
LET CARTER = DATA 66 30 11 43 44 41 35 82 54 36
LET X = DATA 1 2 3 5 6 7 8 10 11 12
.
HORIZONTAL SWITCH ON
YLIMITS 1 12; YTIC OFFSET 1 1
MINOR Y1TIC MARK NUMBER 0
Y1TIC MARK LABEL FORMAT ALPHA
Y1TIC LABEL CONTENT DEMOCRATS INDEPENDENTS REPUBLICANS SP() EAST ...
      SOUTH MIDWEST WEST SP() BLACKS HISPANICS WHITES SP()
X1LABEL PERCENT; XLIMITS 0 100
MAJOR XTIC MARK NUMBER 11
MINOR XTIC MARK NUMBER 1
LINE BLANK; BAR ON; BAR FILL ON
BAR WIDTH 0.5
BAR PATTERN D1D2
BAR PATTERN THICK 0.4
BAR PATTERN SPACING 5.0
BAR PATTERN COLOR G50
TITLE DEMONSTRATE BAR PATTERN COLOR
TITLE SIZE 5
PLOT CARTER X
```

