

# **How to Draw A Histogram (Using States Data)**

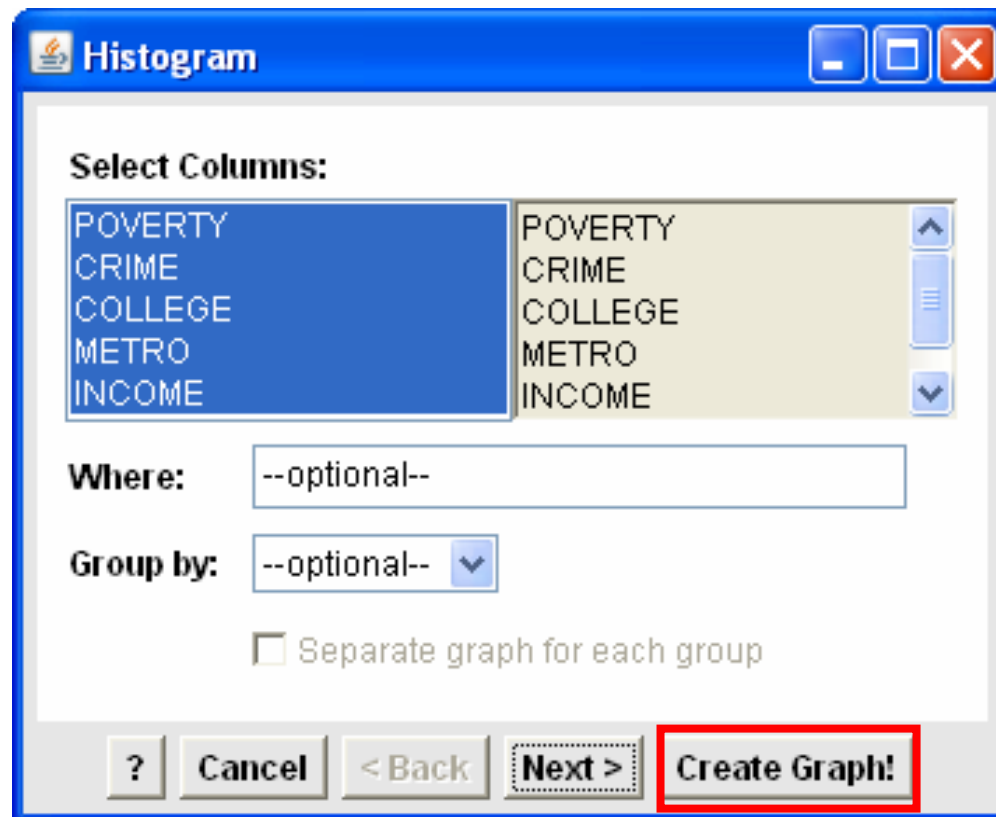
# STEP 1. SELECT ROW "TX" IN DATA SETS

Row	STATE	POVERTY	CRIME	COLLEGE	METRO	INCOME	var7	var8	var9	var10	var11	var12	var13
29	NV	8.1	811	32.4	85.7	38540							
30	NH	6.4	118	61.2	59.8	39407							
31	NJ	9.2	532	53.9	100	47468							
32	NM	25.5	841	49.7	56.7	25086							
33	NY	16.7	727	64.7	91.8	35410							
34	NC	12.2	588	64.5	66.8	35601							
35	ND	11	84	79.7	42.7	31470							
36	OH	12.7	429	62.8	81.1	34070							
37	OK	16.6	597	60.6	60.2	27437							
38	OR	11.8	463	55.5	70.2	35492							
39	PA	11.6	433	62.9	84.6	34899							
40	RI	11	347	64	93.8	36986							
41	SC	13	997	63.8	69.6	34665							
42	SD	11.8	177	72.8	33.3	29526							
43	TN	15.9	774	65.5	68	30790							
44	TX	16.6	644	54.6	84.2	33072							
45	UT	7.7	332	63.4	77.1	37038							
46	VT	12.6	121	68.9	27.7	32358							
47	VA	12.3	341	57.2	77.9	39211							
48	WA	11.9	431	61.5	82.8	36676							
49	WV	18.5	210	69.6	41.8	25247							
50	WI	8.8	253	60.9	67.7	40001							
51	WY	11.9	250	57	29.7	30953							

# STEP 2. SELECT GRAPHICS → HISTOGRAM

Row	STATE	POVER	METRO	INCOME	var7	var8	var9	var10	var11	var12	var13
29	NV										
30	NH		4	85.7	38540						
31	NJ		2	59.8	39407						
32	NM		9	100	47468						
33	NY		7	56.7	25086						
34	NC		7	91.8	35410						
35	ND		5	66.8	35601						
36	OH		7	42.7	31470						
37	OK		8	81.1	34070						
38	OR		6	60.2	27437						
39	PA		5	70.2	35492						
40	RI		9	84.6	34899						
41	SC		4	93.8	36986						
42	SD		8	69.6	34665						
43	TN		8	33.3	29526						
44	TX		5	68	30790						
45	UT		6	84.2	33072						
46	VT		4	77.1	37038						
47	VA		9	27.7	32358						
48	WA		2	77.9	39211						
49	WV		5	82.8	36676						
50	WI	8.8	253	60.9	67.7	40001					
51	WY	11.9	250	57	29.7	30953					

## STEP 3. SELECT ALL COLUMNS → CLICK “CREATE GRAPH!”

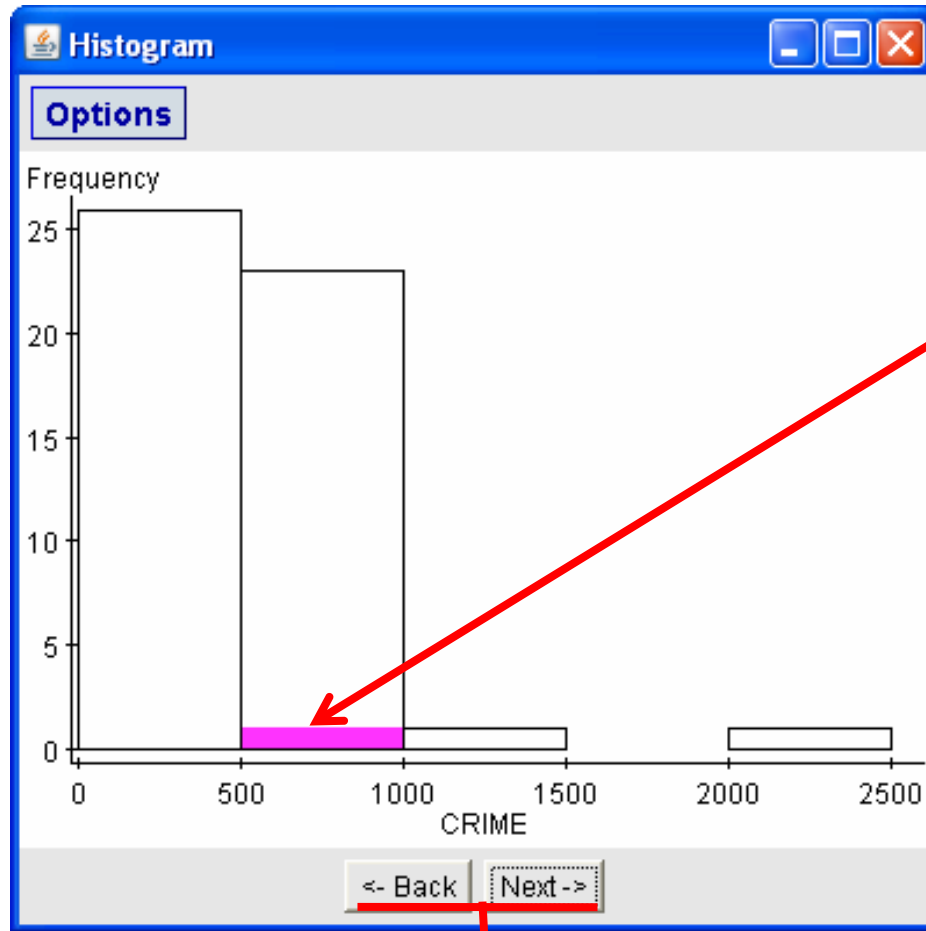


The image shows a software dialog box titled "Histogram". It has a blue title bar with standard window controls (minimize, maximize, close). The main area is white and contains the following elements:

- Select Columns:** A section with two columns of text. The left column has a blue background and lists "POVERTY", "CRIME", "COLLEGE", "METRO", and "INCOME". The right column has a light beige background and lists the same five items. To the right of the right column are three vertical arrow buttons (up, menu, down).
- Where:** A text input field containing "--optional--".
- Group by:** A dropdown menu with "--optional--" selected and a small blue arrow button to its right.
- Separate graph for each group

At the bottom, there is a grey bar containing five buttons: a help button with a question mark, "Cancel", "< Back", "Next >" (with a dotted border), and "Create Graph!". The "Create Graph!" button is highlighted with a red rectangular border.

## STEP 4. Result



Location of TEXAS

Using these buttons, check all of the histograms