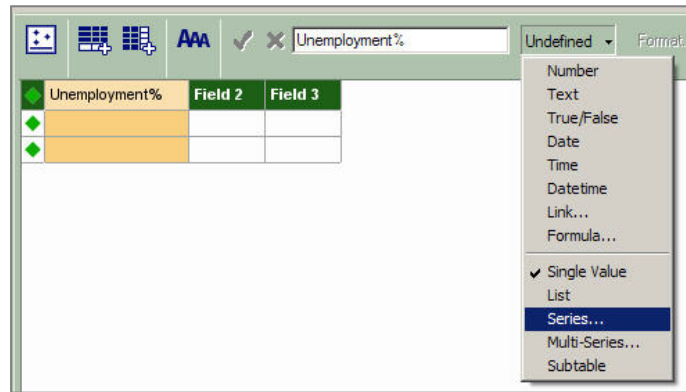


# InspireData™

## Learn to Use: Time Series

### Create a Time Series Field

1. Open a new database.
2. Select **Field 1** and give it a name.
3. From the **Field Type** menu **Undefined**, choose **Series...**, and the **Series Field** dialog will open.



### Series Field

#### The Column Headings

Specify column headings using:  a pattern  a list of headings

From 1948 to 1958 in steps of 1

You have specified 11 headings:  
1948, 1949, 1950, ... 1957, 1958

Sample heading display: 1948

The headings stand for Year  <- This label appears when you plot data.

#### The Data

Cells in the field will hold data of type




Note: to change the format of the data in the columns, select the field Unemployment%; press the Series button in the toolbar, and choose Field Format from the Series submenu.

#### Summary

For each record in the table, the field Unemployment% will hold one number for each Year, in 11 columns labeled [1948] to [1958].

4. Enter column headings using a pattern or a list of headings.
5. Enter a heading name, a data type and then click **OK**.
6. Enter data in the series fields created.

Unemployment%	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
	3.8	6.1	5.2	3.3	3.0	2.9	5.6	4.4	4.1	4.3	6.8

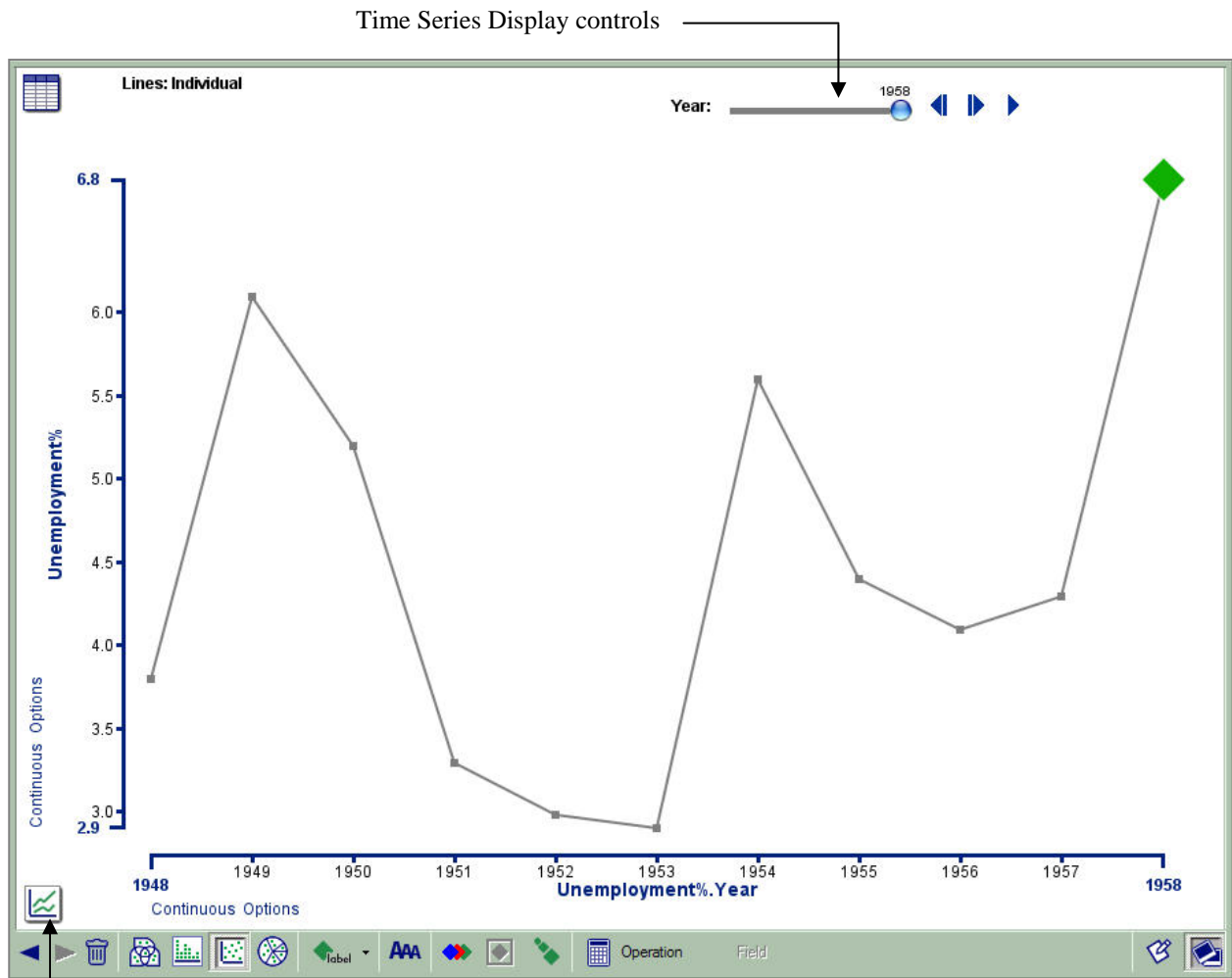
7. Click the **Plot View** button , and then click the **Axis Plot** button  on the **Toolbar**.
8. Click the **Axis Plot Options** button  and select **Instant Plot** from the menu that appears.

InspireData™ automatically identifies the times series data that can be plotted.



# InspireData™ Learn to Use: Time Series

9. The **Series Display** controls appear, and the plot animates the change in data from the first entry through the last. Use the controls to play the time series gradually or all at one time.



Click to access time series plot options menu

Instant Plot: Avg Unemployment Rate (%) by Year	
No Lines	
Line Graph	
Line of Best Fit	
<input checked="" type="checkbox"/> Series Lines	
Group Lines	▶
Grouping	▶
<input checked="" type="checkbox"/> Select Year	
Show Every Year	