

## *California Economics Quick Start*

- Print out these two pages.
- Copy the file "California Personal Income" in this folder to your hard disk.
- Open the file "California Personal Income".

**Question 1:** How do four major counties compare in Total Personal Income?

- Choose "Total Personal Income" from the **Y-axis** menu
- Choose each of the four counties from the **Items** menu.
- Click in the zoom box (upper right corner of the window).

**Question 2:** How do the four counties compare in Per Capita Personal Income?

- Choose "Duplicate" from the **Discovery** menu
- Choose "Per Capita Personal Income" from the **Y-axis** menu
- Choose "Tile Windows" from the **Discovery** menu to show both investigations simultaneously.

**Question 3:** How do the four counties compare in Personal Income from other sectors?

- Click on the Total Personal Income Window
- Click in the zoom box (upper right corner of the window)
- Consecutively choose "Manufacturing", "Electric and Electronic Equipment", and "Services" from the **Y-Axis** menu.

**Question 4:** When, if ever, did the four counties switch from a manufacturing dominated economy to a services dominated economy?

- Choose "Swap" from the **Edit** menu
- Choose "Los Angeles" from the **Y-Axis** Menu
- Choose "Manufacturing" and then "Services" from the **Items** menu
- Choose "Re-Scale..." from the **Discovery** menu
  - Enter "53000000" from the keyboard
  - Click "OK" with the mouse
  - The switch occurred around 1982 for Los Angeles County.
- Choose Duplicate from the **Discovery** menu
- Choose Orange from the **Y-Axis** menu
- Choose "Re-Scale..." from the **Discovery** menu
  - Enter "12500000" from the keyboard

- Click “OK” with the mouse
- The switch occurred around 1985 for Orange County.
- Choose "Duplicate" from the **Discovery** menu
- Choose "San Francisco" from the **Y-Axis** menu
- Choose "Re-Scale..." from the **Discovery** menu
  - Enter “8860000” from the keyboard
  - Click “OK” with the mouse
  - The switch occurred before 1969 for San Francisco County, if it occurred at all.

- Choose Duplicate from the **Discovery** menu
- Choose Santa Clara from the **Y-Axis** menu.
- Choose "Re-Scale..." from the **Discovery** menu
  - Enter “13510000” from the keyboard
  - Click “OK” with the mouse
  - The switch has not yet occurred for Santa Clara County.

- End:**
- Choose "Tile Windows" from the **Discovery** menu to show all four investigations
    - Choose "Quit" from the **File** menu
    - Click “No” when asked to save changes.