**Just Data Handout (KEY)**

**For each data set, state the type of data display that would *best represent* the story. Explain why you made each choice.**

1. U.S. Consumption of Four Fruits per Capita (pounds)

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **1970** | **1990** | **2006** |
| **Avocados** | 0.4 | 1.3 | 3.2 |
| **Bananas** | 17.4 | 24.3 | 25.1 |
| **Grapefruit** | 8.0 | 4.3 | 2.2 |
| **Peaches** | 5.5 | 5.3 | 4.3 |

Display: Triple Line Graph

Why? There are three groups of categorical data that span over time.

1. Regions of birth of foreign-born persons in the U.S.

|  |  |
| --- | --- |
| **Birth Region** | **% of Population** |
| **Asia** | 25.5% |
| **Caribbean** | 9.9% |
| **Central America** | 34.5% |
| **Europe** | 15.3% |
| **South America** | 6.6% |
| **Other** | 8.1% |

Display: Circle Graph

Why? The data is categorical and listed as percentages.

1. U.S. Libraries Most Volumes Held (millions)

|  |  |
| --- | --- |
| **U.S. Libraries** | **Number of Volumes****(millions)** |
| **Library of Congress** | 32.1 |
| **Harvard University** | 15.8 |
| **Boston Public Library** | 15.6 |
| **Yale University** | 12.4 |
| **University of Illinois** | 10.5 |
| **University of California** | 10.1 |
| **Columbia University** | 9.4 |
| **University of Texas** | 9.0 |
| **University of Michigan** | 8.3 |
| **Stanford University** | 8.2 |

Display: Bar Graph

Why? The data is categorical. Each library is associated with a different value.