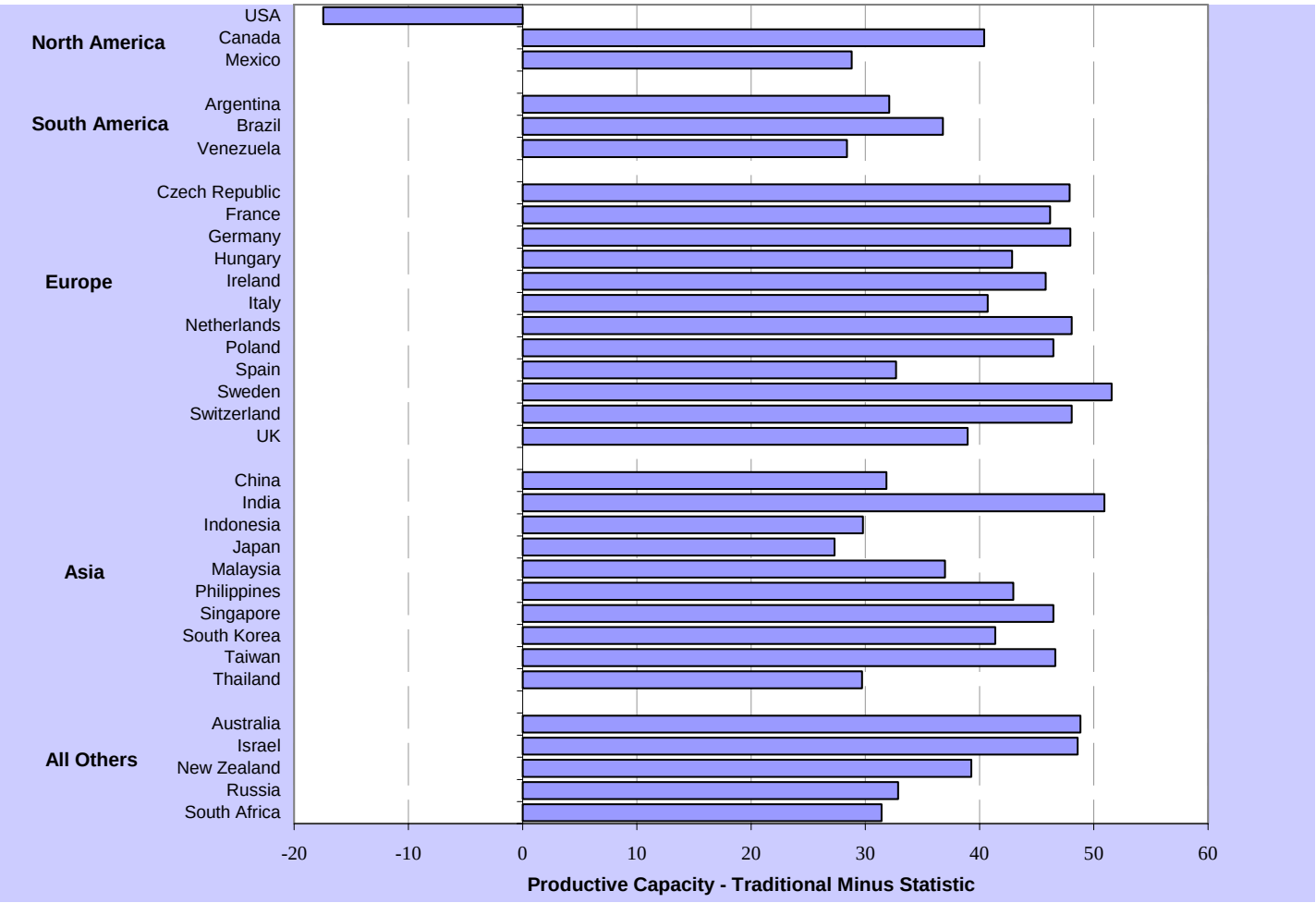
Figure 23: Difference Scores, Traditional Minus Statistics-only for Productive Capacity 2005 (PC-05)



The Productive Capacity 2005 indicator demonstrates overall a significant difference between the Traditional and Statistics-only formulations. Excluding the USA datum, the difference suggests that the Statistics-only formulation is consistently greater than the Traditional formulation. The overall mean increases from 38.5 to 40.3 if the USA datum is ignored, and the standard deviation decreases from 12.6 to 7.7. The U.S. outlier is more than seven standard deviations away from the mean. So, PC-05 (S) comparisons among the nations will largely parallel PC-05 (T) unless the U.S. is involved.

HTI 1993-2005 Time Series Figures

The following six figures show each of the High Tech Indicators over time. Because those figures require a full page, we offer observations on them collectively here. Figures 30-35 offer different temporal perspectives, with observations interposed.

Figure 24 -- "Technological Standing, Traditional 93-05" -- shows noticeable trends in indicator scores for Asian countries. The greatest increase in score occurs in China, with a 127% increase from 1993 to 2005. Similar to the results for "Productive Capacity, Traditional 93-05," Japan and the U.S. consistently remain at least 2.5 standard deviations greater than the overall mean (yearly mean 31.1). The 2005 Technological Standing indicator score for China is 73.9, 2.2 standard deviations above the mean.

We are planning to prepare a separate HTI 2005 report focusing on Asia. In that we will explore TS together with the Input indicators, collectively and individually. While HTI are just what their name suggests –