

The economies of China and India have been booming – but do they have the quality of corporate management to sustain growth over the longer term? Using CEP’s global survey of over 4,000 firms, **Nick Bloom** and **Rebecca Homkes** evaluate management practices in the two countries’ manufacturing sectors.

Can better management sustain growth in China and India?

The phenomenal growth of China’s manufacturing sector over the last decade has been fuelled in large part by a seemingly inexhaustible supply of cheap labour. The opening of the Chinese economy has enabled a country with one fifth of the world’s population to make more use of that resource. Labour shortages in urban areas are supported by mass migration from the countryside.

But even in China, the supply of workers is not infinite and economic growth is leading to wage growth. With rapidly increasing wage rates and an ageing population (due in large part to the one-child policy instituted in 1978), Chinese manufacturing is set to change.

Can China’s manufacturing sector continue to grow even with rapidly rising bills? And what about the other Asian giant: can Indian manufacturing start to catch up with China by raising its annual growth rate to the 10%-plus levels that China has enjoyed?

One key factor is the quality of management in these countries. If management practices are poor in comparison with those in Europe, Japan and the United States, Chinese and Indian firms will be less able to compete as their

costs increase. But if Chinese and Indian firms are able to adopt world-class management practices, then the phenomenal growth rates of these industries may continue for many years.

CEP’s research programme with

McKinsey & Company and Stanford University makes it possible to compare management quality in China and India (Bloom, Dorgan et al, 2007). During the summer of 2006, our team contacted over 4,000 medium-sized manufacturing firms

Measuring management practices

Measuring management in a systematic way requires codifying the concept of good and bad management into a measure applicable to different firms. We used an interview-based management practice evaluation tool that defines and scores from 1 (worst practice) to 5 (best practice) across 18 of the key management practices that appear to matter to industrial firms, based on McKinsey’s expertise in working with thousands of companies across several decades. For full details of the survey methodology, including all the questions, see Bloom and Van Reenen (2007).

The 18 practices fall into four broad areas:

- **Shopfloor operations:** have companies adopted both the letter and the spirit of lean manufacturing?
- **Performance monitoring:** how well do companies track what goes on inside their firms?
- **Target setting:** do companies set the right targets, track the right outcomes and take appropriate action if the two don’t tally?
- **Incentive setting:** are companies hiring, developing and keeping the right people and providing them with incentives to succeed?

Figure 3:
Foreign multinationals are well managed in China and India, but foreign joint-ventures are not

Average score on the 18 management practice questions
 (1=worst practice, 5=best practice) by country

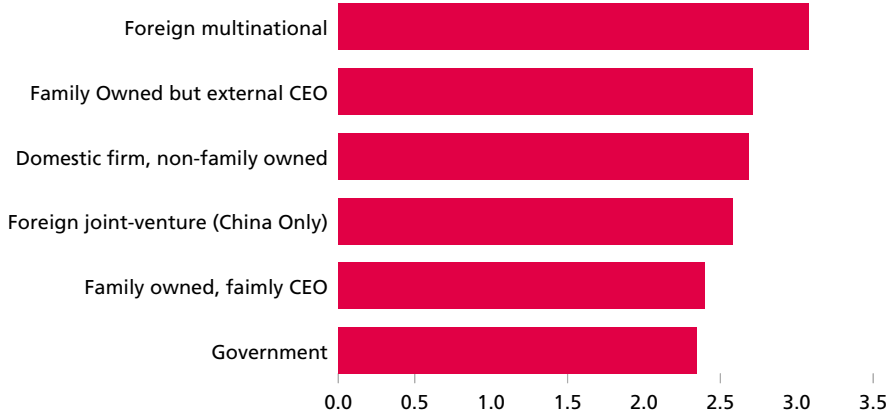
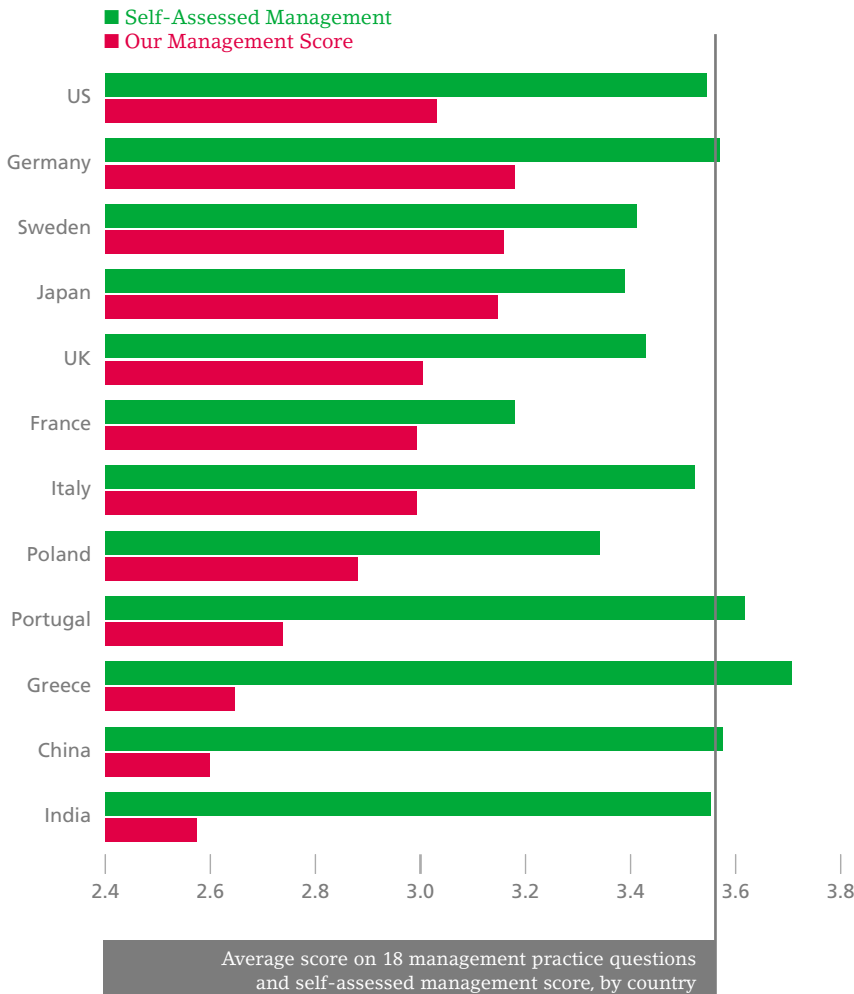


Figure 4:
Chinese and India managers were more over-confident than European, US and Japanese managers



Note: Self-assessed management the response to the question "Excluding yourself, how well managed is your firm on a scale of 1 to 10, where 1 is worst practices, 10 is best practice and 5 is average". Scores are divided by 2 to put them on the same scale as our management scores

Government firms are also extremely badly run in both countries (and indeed across all the countries in the sample), with particularly weak management of workers and a lack of modern manufacturing techniques.

In recent years, there has been a strong push in former Chinese state-owned firms towards dispersing ownership among their workers. With reforms to India's legal system, government and family-run firms may diminish in importance there as well. This may pave the way to a brighter future for their manufacturing sectors if firms can adapt their practices to match those of their competitors.

Managerial over-optimism is not equated with strong management practices

Since good management is strongly linked with good performance, why is it that not all firms make a priority of improving their practices? To examine the possible causes of this disconnect, we asked managers as a final question in the interview to assess the overall management performance of their firm. To avoid false modesty, they were asked to exclude their personal performance from the calculation.

The answers indicate that Chinese and Indian managers are particularly over-optimistic about their management practices. The average Chinese and Indian firm's self-assessment is that its management is better than the average French, Italian, Japanese, Polish, Swedish, UK and US firm.

This is particularly striking given how poorly managed the average Chinese and Indian firms are in comparison with their European, Japanese and US counterparts. In fact, the only country with distinctly more optimistic managers is Greece, which has the third-worst managed firms in the sample.

Chinese and Indian firms tend to be highly centralised

More than management practices, the degree of management autonomy within a firm can affect its productivity, especially in terms of its ability to implement processes and make timely decisions. We find huge variations in the extent to which power is centralised within firms' corporate headquarters rather than delegated to individual plant managers.

