

Table 3.21. **Characteristics of Industrial Performance, by Type of Ownership, China 1952–96**

	1952	1978	1996
A. Number of Enterprises (000s)			
State Owned	n.a.	83.7	113.8
Other	n.a.	264.7	7 872.7
Total	n.a.	348.4	7 986.5
B. Persons Engaged (000 at end year)			
State Owned	5 100	31 390	42 770
Other	7 360	29 520	66 610
Total	12 460	60 910	109 380
C. Average Employment Per Enterprise (persons engaged, at end year)			
State Owned	n.a.	375	376
Other	n.a.	112	8
Total	n.a.	175	14
D. Shares of Gross Output (per cent)			
State Owned	41.5	77.6	28.5
Other	58.5	22.4	71.5
Total	100.0	100.0	100.0
E. Gross Value of Output Per Person Engaged (per cent of average)			
State Owned	101.5	150.6	72.8
Other	98.9	46.2	117.4
Average Level	100.0	100.0	100.0
F. Ratio of Value Added to Gross Output (per cent)			
Total	35.6	37.9	29.2

Source: Panel A 1978 from *Statistical Yearbook of China 1984*, p. 193; 1996 from *China Statistical Yearbook 1997*, p. 411. Panel B 1952 from *1984 Yearbook*, pp. 109 and 114; 1978–96 from *1997 Yearbook*, pp. 98 and 109. Panel C derived from A and B. Panel D from *1997 Yearbook*, p. 411. Panel E derived from B and D. Panel F 1952 derived from col. 5 of Table B.1. The fall in the GVA/GO ratio after 1978 is partly due to the rapid growth of small enterprises outside the state sector, but also reflects changes in output structure. The 1997 *China Statistical Yearbook*, pp. 424 and 428, shows 1996 gross value added and gross output for firms with independent accounting systems. The value added ratio was 32 per cent for state and 26 per cent for non-state enterprises.

Table 3.22. **Comparative Performance Levels in Chinese, Japanese, Soviet/Russian, and US Manufacturing, 1952–94**

	Gross Value Added (1985 \$ million)				Employment (000s)			
	China	Japan	United States	USSR/Russia	China	Japan	United States	USSR/Russia
1952	11 058	25 020	324 041	84 602	11 000	7 100	17 174	15 363
1978	105 185	357 958	730 655	395 739	53 320	13 260	21 784	32 913
1994	425 934	688 839	930 917	144 969	96 130	14 960	20 157	17 546
	Gross Value Added Per Person Engaged (1985 \$)				Labour Productivity as per cent of US (US = 100.0 in each year)			
1952	1 005	3 524	18 868	5 507	5.3	18.7	100.0	29.2
1978	1 973	26 995	33 541	12 024	5.9	80.5	100.0	35.8
1994	4 431	46 045	46 183	8 262	9.6	99.7	100.0	17.9
	Manufacturing Employment as per cent of Total Employment							
1952	5.3	18.4	25.4	18.3				
1978	13.2	24.5	22.2	25.7				
1994	15.6	23.2	16.2	25.3				

Source: The absolute levels of performance are converted to 1985 \$ using PPP converters (unit value ratios) from a series of ICOP studies (Szirmai and Ren, 1995; Pilat, 1994; and Kouwenhoven, 1997). Their benchmark levels are all binaries comparing the respective countries with the United States. I used their Paasche converters (at US relative prices) with the United States as the link country. The benchmarks were merged with the relevant value added time series. Employment for 1952 generally from these sources, otherwise from OECD sources and Maddison (1998).