

## Reference Appendix

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# Reference Appendix

## Basic Statistics for Chinese Provinces, Municipalities and Autonomous Regions\* (1999)

		Area (10,000 square kilometers)	Ratio of arable land (%) <sup>1</sup>	Population (10,000)	Ratio of ethnic minorities (%) <sup>2</sup>	Ratio to all ethnic minorities in China (%) <sup>4</sup>	GDP (100 m. yuan)	Ratio of primary industry (%)	Per-capita GDP (\$)
Western Region	Chongqing	8.2	19.8	3,075			1,479.7	19.2	581.2
	Sichuan	48.7	15.5	8,550	4.6 <sup>3</sup>	5.4 <sup>3</sup>	3,711.6	25.6	524.3
	Guizhou	17.6	27.9	3,710	34.7	12.3	911.9	29.6	296.9
	Yunnan	39.4	16.3	4,192	33.4	13.5	1,855.7	21.9	534.6
	Tibet	122.8	0.3	256	96.3	2.3	105.6	N.A	498.2
	Shaanxi	20.6	25.3	3,618	0.5	0.2	1,487.6	17.9	496.6
	Gansu	45.5	11.1	2,543	8.3	2.0	932.0	20.5	442.6
	Qinghai	72.2	1.0	510	42.1	2.1	238.4	16.9	564.6
	Ningxia	5.2	24.4	543	33.3	1.7	241.5	20.1	537.1
	Xinjiang	165.0	2.4	1,774	62.4	10.4	1,168.6	23.3	795.6
	Inner Mongolia	118.3	6.9	2,362	19.4	4.6	1,268.2	26.1	648.5
	Guangxi	23.6	18.7	4,713	39.8	18.1	1,953.3	29.7	500.5
	West total	687.0	7.2	35,846	20.6	72.6	15,354.1	23.7	517.3
(ratio to national total; %)	71.5		28.9			17.5			
Central Region	Shanxi	15.6	29.4	3,204	0.3	0.1	1,506.8	11.7	568.0
	Jilin	18.7	29.8	2,658	10.2	2.8	1,669.6	25.6	758.6
	Heilongjiang	45.4	25.9	3,792	5.7	2.2	2,897.4	13.0	922.8
	Anhui	14.0	42.7	6,237	0.6	0.4	2,908.6	26.0	563.2
	Jiangxi	16.7	17.9	4,231	0.3	0.1	1,963.0	24.2	560.3
	Henan	16.7	48.6	9,387	1.2	1.1	4,576.1	24.6	588.8
	Hubei	18.6	26.6	5,938	4.0	2.3	3,858.0	16.9	784.7
	Hunan	21.2	18.6	6,532	7.9	5.3	3,326.8	23.2	615.1
	Central total	166.9	28.7	41,897	3.4 <sup>3</sup>	14.2	22,706.3	21.0	653.3
	(ratio to national total; %)	17.4		33.8			25.9		
Eastern Region	Beijing	1.7	20.2	1,257	3.8	0.5	2,174.5	4.0	2,089.3
	Tianjin	1.2	40.5	959	2.3	0.2	1,450.1	4.9	1,826.2
	Hebei	18.8	36.6	6,614	3.9	2.6	4,569.2	17.6	834.3
	Liaoning	14.8	28.2	4,171	15.6	6.8	4,171.7	12.5	1,207.9
	Shanghai	0.6	52.5	1,474	0.5	0.1	4,035.0	1.9	3,306.1
	Jiangsu	10.3	49.1	7,213	0.2	0.2	7,697.8	13.2	1,288.9
	Zhejiang	10.2	20.8	4,475	0.5	0.2	5,364.9	11.9	1,447.9
	Fujian	12.1	11.9	3,316	1.5	0.5	3,550.2	18.0	1,293.0
	Shandong	15.7	49.0	8,883	0.6	0.6	7,662.1	15.9	1,041.7
	Guangdong	17.8	18.4	7,270	0.6	0.4	8,464.3	12.1	1,406.7
	Hainan	3.4	22.4	762	17.0	1.2	471.2	38.5	746.8
	East total	106.6	30.5	46,394	2.8	13.2	49,611.0	12.7	1,291.5
	(ratio to national total; %)	11.1		37.3			56.6		
National total		960.5	13.5	124,219	8.1	100.0	87,671.4	16.7	852.4

### Notes

1. 1996.
2. The ratio of ethnic minorities to the total provincial population of 1990. Source: State Ethnic Affairs Commission, etc. (eds.), *China Ethnic Economic Statistics 1993*.
3. Including Chongqing.
4. The ratio of a provincial population of ethnic minorities to the national total of ethnic minorities. Source: the same as that for note 2.

\* Source: State Statistics Bureau (eds.), *China Statistical Yearbook 2000*, unless otherwise noted.

		Ratio of employment in primary industry <sup>5</sup> (%)	Industrial output <sup>6</sup> (100 m. yuan)	Ratio of state ownership (%)	Foreign ownership (%)	Exports (\$100 m.)	Ratio to GDP (%)	Direct investment (or FDI) utilized (\$100 m.)	Ratio to GDP (%)
Western Region	Chongqing	57.6	858.6	71.2	13.0	5.3	3.0	2.4	1.3
	Sichuan	62.3	1,895.8	63.3	6.7	11.6	2.6	3.4	0.8
	Guizhou	71.6	551.9	82.2	2.6	4.0	3.6	0.4	0.4
	Yunnan	74.2	988.6	81.1	5.5	9.2	4.1	1.5	0.7
	Tibet	76.3	15.0	74.8	0.7	0.8	6.3		0.0
	Shaanxi	58.6	1,035.9	77.4	12.3	10.2	5.7	2.4	1.3
	Gansu	58.9	667.5	78.7	3.5	3.8	3.4	0.4	0.4
	Qinghai	61.2	160.8	89.2	2.4	1.2	4.2	0.1	0.3
	Ningxia	58.7	197.7	76.4	7.7	2.8	9.6	0.5	1.7
	Xinjiang	57.7	631.8	89.9	2.6	10.0	7.1	0.2	0.1
	Inner Mongolia	53.9	640.7	84.9	6.9	6.8	4.4	0.7	0.5
Guangxi	65.7	911.0	69.9	10.9	12.2	5.2	6.4	2.7	
West total (ratio to national total; %)	63.6	8,555.3 11.8	75.4	7.4	77.9 4.0	4.2	18.4 4.6	1.0	
Central Region	Shanxi	45.1	1,096.9	66.8	4.2	15.0	8.2	3.9	2.1
	Jilin	48.2	1,366.9	81.8	16.5	12.2	6.1	3.0	1.5
	Heilongjiang	48.3	1,854.6	84.2	6.0	15.4	4.4	3.2	0.9
	Anhui	60.6	1,533.9	64.9	9.8	16.4	4.7	2.6	0.7
	Jiangxi	55.7	854.7	80.9	9.6	9.3	3.9	3.2	1.3
	Henan	59.0	3,109.2	54.3	7.4	12.4	2.2	5.2	0.9
	Hubei	49.1	2,834.4	61.7	10.4	15.4	3.3	9.2	2.0
	Hunan	60.1	1,414.1	64.1	6.4	14.0	3.5	6.5	1.6
Central total (ratio to national total; %)	55.4	14,064.7 19.3	67.5	8.8	110.1 5.6	4.0	36.8 9.2	1.3	
Eastern Region	Beijing	11.4	1,999.9	73.3	39.1	62.9	24.0	19.8	7.5
	Tianjin	18.9	2,261.5	32.4	43.3	63.8	36.4	17.6	10.1
	Hebei	48.8	2,994.6	54.1	10.9	26.6	4.8	10.4	1.9
	Liaoning	36.8	3,391.1	65.1	17.9	81.3	16.1	10.6	2.1
	Shanghai	11.9	5,452.9	51.7	51.8	182.9	37.5	28.4	5.8
	Jiangsu	42.8	8,915.0	31.6	24.9	185.8	20.0	60.8	6.5
	Zhejiang	30.4	5,191.6	22.8	17.6	136.5	21.1	12.3	1.9
	Fujian	48.6	2,210.3	34.3	61.2	106.2	24.8	40.2	9.4
	Shandong	53.7	6,944.5	41.4	14.2	122.2	13.2	22.6	2.4
	Guangdong	41.0	10,538.2	28.7	57.4	787.6	77.0	116.6	11.4
	Hainan	61.4	188.7	71.1	21.0	5.6	9.8	4.8	8.4
	East total (ratio to national total; %)	41.7	50,088.3 68.9	39.2	34.1	1,764.4 90.4	29.4	344.1 86.2	5.7
National total	52.4	72,708.3	48.9	26.1	1,949.4	18.4	399.3	3.8	

Notes:

5. 1998.

6. The sum is total output of state-owned firms and non-state-owned firms over the designated size in the mining and manufacturing sector. Output by state-owned firms (including state-controlled companies) and foreign-capital firms (including Hong Kong and Taiwanese firms) appears to include some overlapping of counting.

		Public finance <sup>7</sup>		Per-capita income		Transportation infrastructure			Cargoes carried (100 m. ton)
		Annual per-capita fiscal revenue (yuan)	Annual per-capita fiscal spending (yuan)	Average urban disposable income (yuan)	Average rural net income (yuan)	Length of railways (km)	Length of roads (km)	Ratio of expressways (%)	
Western Region	Chongqing	249.5	488.6	5,895	1,736	591	28,086	0.5	2.52
	Sichuan	247.3	425.1	5,477	1,843	2,290	89,318	0.8	4.77
	Guizhou	200.2	460.2	4,934	1,363	1,654	33,973	0.3	1.41
	Yunnan	411.9	901.8	6,178	1,437	1,873	102,405	0.4	5.04
	Tibet	178.6	2,080.3	6,908	1,309		22,475	0.0	0.01
	Shaanxi	294.1	570.8	4,654	1,455	1,941	43,212	0.7	2.86
	Gansu	229.5	581.2	4,475	1,357	2,323	36,212	0.0	2.23
	Qinghai	277.9	1,092.5	4,703	1,466	1,092	18,268	0.0	0.45
	Ningxia	346.9	912.2	4,472	1,754	712	10,015	0.5	0.60
	Xinjiang	402.0	937.3	5,319	1,473	1,849	33,484	0.5	2.48
	Inner Mongolia	366.5	845.9	4,770	2,002	5,012	63,824		4.18
	Guangxi	283.4	477.4	5,619	2,048	2,013	51,378	1.1	2.93
West total (ratio to national total; %)	287.0	604.4			7,916	532,650	0.5	29.48	
					17.8	39.4		23.2	
Central Region	Shanxi	340.8	578.5	4,342	1,772	2,511	52,807	0.8	8.04
	Jilin	381.0	882.7	4,480	2,260	3,476	34,516	1.0	2.84
	Heilongjiang	448.6	894.1	4,595	2,165	5,013	49,928	0.4	5.25
	Anhui	279.4	462.7	5,064	1,900	1,833	40,857	1.0	4.04
	Jiangxi	248.5	491.2	4,720	2,129	2,616	36,918	0.7	2.25
	Henan	237.9	409.4	4,532	1,948	2,353	60,330	0.8	5.93
	Hubei	327.5	566.6	5,212	2,217	2,031	55,389	1.0	4.02
	Hunan	254.9	479.4	5,815	2,127	2,307	60,416	0.5	5.10
	Central total (ratio to national total; %)	296.4	545.3			21,686	391,161	0.7	37.46
					48.7	28.9		29.5	
Eastern Region	Beijing	2,238.4	2,825.7	9,183	4,226	1,141	12,825	1.8	2.83
	Tianjin	1,176.3	1,641.4	7,649	3,411	530	8,844	2.6	2.63
	Hebei	337.6	530.4	5,365	2,441	3,619	58,152	1.7	7.47
	Liaoning	670.4	1,097.8	4,898	2,501	3,558	45,020	1.9	8.14
	Shanghai	2,849.1	3,619.6	10,931	5,409	260	4,231	2.2	4.45
	Jiangsu	476.0	671.9	6,538	3,495	757	27,749	2.2	8.08
	Zhejiang	548.5	768.8	8,427	3,948	795	40,266	1.0	6.42
	Fujian	630.0	842.1	6,859	3,091	874	50,202	0.3	3.22
	Shandong	455.3	619.2	5,808	2,549	2,364	67,847	2.0	8.34
	Guangdong	1,053.9	1,328.6	9,125	3,628	774	95,610	1.0	7.78
	Hainan	474.3	745.2	5,338	2,087	219	17,124	1.8	0.57
East total (ratio to national total; %)	716.0	977.6			14,890	427,880	1.4	59.93	
					33.5	31.7		47.2	
National total		450.4	723.8	5,854	2,210	44,491	1,351,691	0.9	126.87

## Notes

7. Only revenue and spending of regional governments.

		Research institutes <sup>8</sup>			Education		Medical service facilities
		No. of staff (10,000)	Research spending (100 m. yuan)	Spending per staff (10,000 yuan)	No. of students per one school staff <sup>9</sup>		No. of hospital beds per 1,000 (bed)
					High schools (person)	Elementary schools (person)	
Western Region	Chongqing	1.3	5.4	4.3	1.4	3.3	21.5
	Sichuan	6.5	35.9	5.5	1.4	3.3	22.3
	Guizhou	0.9	2.1	2.3	1.9	4.4	15.9
	Yunnan	1.3	7.3	5.6	1.5	3.3	23.1
	Tibet	0.1	0.3	3.8	1.0	4.1	23.4
	Shaanxi	6.2	27.4	4.4	1.3	3.7	26.8
	Gansu	1.5	7.8	5.1	1.4	4.0	23.2
	Qinghai	0.3	1.2	3.3	0.9	3.3	43.1
	Ningxia	0.4	0.9	2.3	1.1	3.2	23.9
	Xinjiang	0.9	2.9	3.4	1.1	2.7	37.8
	Inner Mongolia	1.1	2.5	2.2	1.1	2.3	27.9
	Guangxi	1.3	3.6	2.7	1.7	3.5	18.0
	West total	21.9	97.3	4.5	1.4	3.4	23.1
(ratio to national total; %)	26.4	19.5					
Central Region	Shanxi	1.9	5.5	2.9	1.6	3.2	34.0
	Jilin	2.3	9.8	4.2	1.4	1.9	34.6
	Heilongjiang	1.9	7.5	3.9	1.5	2.0	31.6
	Anhui	1.5	5.6	3.6	1.9	3.9	19.7
	Jiangxi	1.7	4.3	2.6	1.7	3.1	21.5
	Henan	2.6	11.1	4.4	1.8	4.1	21.0
	Hubei	4.0	25.9	6.5	1.4	3.2	24.1
	Hunan	2.4	9.7	4.0	1.8	2.4	22.2
	Central total	18.3	79.5	4.3	1.6	3.1	24.3
(ratio to national total; %)	22.1	16.0					
Eastern Region	Beijing	15.6	155.9	10.0	0.7	1.3	54.9
	Tianjin	2.5	13.4	5.4	1.2	1.8	41.7
	Hebei	1.8	9.0	4.9	1.7	3.4	25.1
	Liaoning	4.1	22.5	5.5	1.5	2.3	46.5
	Shanghai	6.2	40.7	6.6	1.0	1.6	48.8
	Jiangsu	4.3	27.6	6.5	1.7	3.2	23.8
	Zhejiang	1.5	9.0	6.2	1.7	3.7	24.6
	Fujian	0.7	3.9	5.5	1.8	2.7	27.1
	Shandong	3.1	15.0	4.9	1.7	2.6	24.0
	Guangdong	2.6	23.6	9.2	1.9	3.6	22.3
	Hainan	0.3	1.1	3.5	1.4	2.9	27.6
	East total	42.5	321.6	7.6	1.4	2.9	28.2
(ratio to national total; %)	51.4	64.5					
National total		82.7	498.4	6.0	1.5	3.1	25.4

## Notes

8. Government-affiliated research institutes alone.

9. The school staff includes administrative and clerical staff in addition to teachers. The number of students is the number of new entrants in 1999.