National
Foreign
Assessment
Center

China: Gross Value of
Industrial Output, 1965-77

A Research Paper

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ABBREVIATIONS

BBC .... British Broadcasting Corporation, *Summary of World Broadcasts*, Part 3, The Far East, Weekly Economic Report, and its predecessors.

CKHW ....*Chung-kuo hsin-wen (China News)*.

FBIS ....Foreign Broadcast Information Service, *Daily Report, People's Republic of China*, and its predecessors.

Field, Lardy, and Emerson, 1976 Robert Michael Field, Nicholas R. Lardy, and John Philip Emerson, *Provincial Industrial Output in the People's Republic of China: 1949-75*, Foreign Economic Report No. 12, US Department of Commerce, Washington, D. C., 1976.

Great Changes ....*Shen-chou chu-pien—Hsin Chung-kuo erh-shih-chiu-ke sheng, shih, tzu-chih-ch'u chieh-shao (Great Changes in the Fatherland—an Introduction to the Twenty-Nine Provinces, Municipalities, and Regions of New China*, Hong Kong, 1975.

GVIO ....Gross value of industrial output.

JMJP..................................*Jen-min jih-pao (People's Daily)*.

JPRS ....US Joint Publications Research Service.

NCNA ....New China News Agency.

SCMP ....American Consulate General, Hong Kong, *Survey of China Mainland Press*.

Statistics on the IMAR ....Inner Mongolia Autonomous Region Bureau of Statistics, *Nei-meng-ku tzu-chih-ch'u ching-chi ho wenhua chien-she ch'eng-chiu ti t'ung-chi (Statistics on the Economic and Cultural Achievements of the Inner Mongolia Autonomous Region)*, Huhehot, 1960, translated in *JPRS*, No 16,952, 3 January 1963.

TKP (HK) ....*Ta-kung pao (The Impartial)* (Hong Kong).

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Central Intelligence Agency
National Foreign Assessment Center

June 1978

Introduction

Although only two or three absolute figures for the value of provincial industrial output have been released for the years since the collapse of the Leap Forward, a large number of statements about increases over 1949, 1965, or the previous year have been published or broadcast. Typical of these are the following statements about Anhwei: [1]

> Provincial industrial output in 1975 was double the 1970 figure or 22 times that of 1949.

> Anhwei's industry [in 1970] . . . recorded a 62-percent increase in output value . . . compared with 1965.

> The province overfulfilled the 1975 State Plan for total industrial output value, registering a 19.2-percent increase over 1974 and a 195-percent increase over 1965.

It was possible to use a least squares technique to approximate the unpublished provincial GVIO time series from which statements such as these were derived. The technique is fully described in appendix A of Field, Lardy, and Emerson, 1976, and up-to-date series are presented in the appendix of this paper. Unfortunately, the series are not complete.

Because of the gaps in the provincial series, a national GVIO series was derived from them by a method described in the next section. The method is similar to that used in Field, Lardy, and Emerson, 1976, but differs in two respects. First, the provincial GVIO data are weighted so that years for which the data are more complete weigh more heavily in the calculations than those for which the data are sparse. And second, the value for any given year can be forced to equal a reported figure or a figure derived from reported data.

The actual calculation of the national GVIO series is discussed in the final section of this paper.

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[1] BBC, FE/W872/A/8, 7 April 1976; *SCMP*, No. 4831, 4 February 1971, p. 136; and BBC, FE/W860/A/3, 14 January 1976.

The Method of Calculation

The best statement of the relationship between the value of output in the years i and j is the ratio of the value of output of all commodities for which output data are available in both year i and year j. The ratio is

$$R_{ij} = \frac{\sum_{k=1}^{n} \delta_k P_k Q_{jk}}{\sum_{k=1}^{n} \delta_k P_k Q_{ik}}$$

where P and Q are price and quantity, respectively, n is the number of output series, and δ is an indicator function. The function, which indicates the commodities to be included in the ratio, is defined as

$$\delta_k = \begin{cases} 1 \text{ if both } Q_{ik} \text{ and } Q_{jk} > 0 \\ 0 \text{ if either } Q_{ij} \text{ or } Q_{jk} = 0 \end{cases}$$

An index $\hat{Y}$ is estimated by least squares from the following equation

$$\frac{\hat{Y}_j}{\hat{Y}_i} = R_{ij} \cdot \epsilon_{ij}$$

where ϵ is the error term. Taking the logarithms of both sides yields the equation

$$\log \hat{Y}_j - \log \hat{Y}_i - \log R_{ij} = \log \epsilon_{ij}$$

The weighted sum of the squares of $\log \epsilon_{ij}$ is minimized, subject to the constraint that the estimated index equals 100 in the base year. Minimize

$$\sum_{i=1}^{m} \sum_{j=i}^{m} W_{ij} (\log \hat{Y}_j - \log \hat{Y}_i - \log R_{ij})^2$$

subject to

$$\log \hat{Y}_b = \log 100$$

where W is the weight, m the number of years, and b the base year.

Because the procedure uses weights, the output data for at least one year must be complete. The weight base is defined as those years for which the data are complete and the weight W_{ij} as the ratio of the total value in the base years of those commodities produced in both year i and year j to the total value of all commodities produced in the base years. The calculation is as follows:

$$W_{ij} = \frac{\sum_{h=1}^{m} \gamma_h \sum_{k=1}^{n} \delta_k P_k Q_{hk}}{\sum_{h=1}^{m} \gamma_h \sum_{k=1}^{n} P_k Q_{hk}}$$

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where γ and δ are indicator functions. The function γ, which indicates the years to be included in the weight base, is defined as

$$\gamma_h = \begin{cases} 1 \text{ if } Q_{hk} > 0 \text{ for all } k \\ 0 \text{ if } Q_{hk} = 0 \text{ for any } k \end{cases}$$

and the function δ, which indicates the commodities to be included in the numerator, is defined as

$$\delta_k = \begin{cases} 1 \text{ if both } Q_{ik} \text{ and } Q_{jk} > 0 \\ 0 \text{ if either } Q_{ik} \text{ or } Q_{jk} = 0 \end{cases}$$

Finally, additional constraints can be used to force the ratios of the index numbers for any pair of years to equal a reported percentage increase.

The partial derivatives of the objective function are a system of simultaneous equations whose solution is the index.

To make the procedures clear, indexes are calculated from the following hypothetical data:

	Price	Year 1	2	3	4	5
Output						
A	120	2,500		3,125	3,750	4,000
B	100	750	900	975	1,050	
C	40	3,750		5,250	5,625	6,000
D	175	1,000	1,300		1,600	

The weight, sample ratio, final ratio, and error for each pair of years are as follows:

	Year 1	2	3	4
Year 2				
Weight	0.3608			
Sample ratio	1.2700			
Final ratio	1.2511			
Error	0.9851			
Year 3				
Weight	0.7415	1.1023		
Sample ratio	1.3000	1.0833		
Final ratio	1.3109	1.0478		
Error	1.0084	0.9672		
Year 4				
Weight	1.0000	0.3608	0.7415	
Sample ratio	1.5143	1.2126	1.1429	
Final ratio	1.5086	1.2058	1.1508	
Error	0.9962	0.9944	1.0069	
Year 5				
Weight	0.6392		0.6392	0.6392
Sample ratio	1.6000		1.2308	1.0667
Final ratio	1.6075	1.2849	1.2263	1.0656
Error	1.0047		0.9963	0.9990

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The weight base for the sample problem is years 1 and 4; as expected, the weight assigned to that pair of years is 1.000, and the error, relatively small. In contrast, output data for only one commodity were available for both year 2 and year 3. The weight assigned to that pair of years is 1.1023, and the error is relatively large. Finally, the index calculated by the procedure is:

Index: 1 = 100

Year	
1	100.00
2	125.11
3	131.09
4	150.86
5	160.75

If the value of output in year 5 were known to be 61 percent greater than in year 1, the index could be constrained; the weights, sample ratios, final ratios, and errors would be as follows:

	Year			
	1	2	3	4
Year 1				
Weight	0.3608			
Sample ratio	1.2700			
Final ratio	1.2515			
Error	0.9854			
Year 2				
Weight	0.7415	1.1023		
Sample ratio	1.3000	1.0833		
Final ratio	1.3118	1.0482		
Error	1.0090	0.9675		
Year 3				
Weight	1.0000	0.3608	0.7415	
Sample ratio	1.5143	1.2126	1.1429	
Final ratio	1.5095	1.2061	1.1507	
Error	0.9968	0.9947	1.0069	
Year 4				
Weight	1.6392		1.6392	0.6392
Sample ratio	1.6000		1.2308	1.0667
Final ratio	1.6100	1.2865	1.2274	1.0666
Error	1.0062		0.9972	0.9999

The weights and sample ratios, of course, are the same but the final ratios and errors have changed. In particular, the error for years 1 and 5 is greater, but the final ratio is more accurate because it has been forced to equal a known value. The constrained index would be as follows:

Index: 1 = 100

Year	
1	100.00
2	125.15
3	131.18
4	150.95
5	161.00

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The Derivation of the National GVIO Series

The provincial GVIO data from which the national GVIO series is derived are presented in table 1. The figures for 1957 are from Field, Lardy, and Emerson, 1976; the figures for the other years are calculated from the 1957 figures and the indexes presented in the appendix. These data are used to calculate the ratios of the value of output for each pair of years. The years 1957 and 1974, for which the data are complete, are the weight base.

Because the Chinese have reported the growth of the national GVIO between certain pairs of years, these data are used to constrain the index in the

Table 1

Gross Value of Industrial Output, by Province

Million 1957 Yuan

	1957	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Northeast														
Heilungkiang	3,641	7,971	9,885		8,727	10,821	12,639	13,284	13,908	14,922	15,785	17,815	18,563	20,698
Kirin	2,155	5,138	6,344			6,254	7,517	8,014	9,434		9,378	10,844	11,237	
Liaoning	10,078	18,900	21,586		16,230	24,020	29,232	32,810	34,713	37,977	40,727	43,653		
North														
Peking	2,100	5,602	6,767		6,345	9,068	12,079	14,483	15,685	16,914	18,569	19,607	20,167	20,727
Tientsin	3,911	6,882			7,684	9,835	12,097	13,738	14,703	16,031	17,524	18,748		
Hopeh	2,519	6,723					13,445	14,534	18,039	20,168	22,648	24,873	21,279	24,556
Shansi	1,645										6,264			
Inner Mongolia	631	3,009	3,321				4,487	5,452	6,018		6,018			
East														
Shanghai	11,402	24,163	27,787		29,542	33,974	39,002	42,848	46,236	49,905	52,892	56,030	56,663	61,536
Shantung	3,640	6,174				9,191	12,565	14,324	15,682	16,188	20,374	20,932	24,796	30,339
Kiangsu	4,124	7,865			9,201	13,106	15,796	18,881	18,520	20,611	23,435	27,465	27,615	32,447
Chekiang	2,132	3,902			4,813	5,295	6,068	6,881	7,809	8,736	7,805		6,898	9,362
Anhwei	1,348	2,409	3,084		2,035	2,945	3,828	4,707	5,291	6,137	6,149	7,330	7,809	
Kiangsi	1,100				2,675	3,004					5,242			
Fukien	1,100	1,832	2,207			2,025	2,531	2,812	3,194	3,577	4,325	4,720		
Central-South														
Honan	1,560	3,988	5,168			5,843	7,654	9,022	10,710		11,323	12,761	10,710	
Hupeh	2,514	4,140	5,133		3,704	5,000	7,500	8,738			9,238		10,337	12,451
Hunan	1,634	2,915	3,688		2,705	3,990	5,825	6,384	6,996	7,979	8,284	8,284	8,427	10,357
Kwangsi	717	1,308	1,635			1,975	2,433	3,022	3,524	4,082	4,528	5,063	5,246	6,173
Kwangtung	3,570	7,735	9,283		7,848	10,648	12,553	13,228	14,061	15,968	17,195	19,929	20,928	22,602
Northwest														
Kansu	695	2,172		2,097	2,760	3,505	4,381	5,591	5,931	6,298	6,769	7,732	7,757	8,579
Shensi	1,134	2,898	4,141				5,917	6,857	7,696	8,570	6,517	7,215	7,921	9,978
Ningsia	23	76	86							306	344	359	424	
Tsinghai	117	344	477		394	543	699	898	1,018	1,155	1,259	1,385	1,694	1,957
Sinkiang	465	1,152	1,448		1,351	1,486	1,526		1,861		1,861		1,927	2,152
Southwest														
Szechwan	4,283	6,929						11,424	11,972	12,930	13,852	17,465	14,221	19,910
Yunnan	989	1,503	1,885		1,319	1,922	2,306	2,541	2,735	3,195	3,398	3,447	2,579	3,740
Kweichow	562	1,624	2,105							3,248	3,158	4,548	3,991	5,958
Tibet	9	26		25	37			50	61	72	89	109	111	125

Sources
1957: Field, Lardy, and Emerson, 1976, p. 20.
1965-77: Derived from output in 1957 and the indexes in the appendix.

way described in the previous section. The data used as constraints are presented in table 2.

Table 2

Reported National Data Used as Constraints

	1957=100	1964=100	1965=100	1970=100	1976=100
1970	344		173.89		
1971	380				
1973	463				
1974		295			
1975				154.57	
1976					114
1977	619.77				

Sources
 1957 = 100:
 1970, 1971, and 1973: Derived from reported indexes with 1949 or 1950 as the base year and the absolute values in 1949, 1950, and 1957. See Field, Lardy, and Emerson, 1976.
 1977: Derived from the reported average annual rate of growth of 13.5 percent between 1949 and 1977 by the method described above. See *Chi-hua ching-chi*, No. 2, 1978, p. 8.
 1964=100: FBIS, 29 September 1975, E8.
 1965=100: Derived from the reported average annual rate of growth of 11.7 percent between 1965 and 1970. See *Chi-hua ching-chi*, No. 2, 1978, p. 8.
 1970=100: Derived from the reported average annual rate of growth of 9.1 percent between 1970 and 1975. See *ibid*
 1976=100: *Peking Review*, No. 2, 1978, p 12.

The national index of the gross value of industrial output is presented in table 3. A comparison of the sample and final ratios for those years in which the index is constrained shows that the provincial data by themselves are a good approximation of the unpublished national data. There is, however, one national figure that was not used as a constraint. Vice Premier Yu Ch'iu-li said in a speech delivered on 23 October 1977 that the "gross value of industrial output rose by 15.1 percent" in 1975. [2] The following tabulation of annual percent increases shows why the increase was not accepted: [3]

	Percent Change	
	1974	1975
Sample	7.50	10.32
Final		
Without the 15.1 percent	4.5	9.90
With the 15.1 percent	−0.22	15.10

The 1974 sample includes 22 provinces (which produced an average of 85.68 percent of national output in the base years of 1957 and 1974), and the 1975 sample includes 23 provinces (which produced 89.17 percent of base year output). Because coverage is so good and the final increase without the 15.1

[2] *Peking Review*, No. 45, 1977, p. 7.
[3] The sample increase and the final increase without the 15.1 percent are from table 3; the final increase with the 15.1 percent is from a separate set of calculations.

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Table 3

National Index of the Gross Value of Industrial Output

	1957	1964	1965	1966	1968	1969	1970	1971	1972	1973
1964										
WEIGHT	0.4422									
SAMPLE RATIO	1.6835									
FINAL RATIO	1.6401									
ERROR	0.9742									
1965										
WEIGHT	0.9656	0.4422								
SAMPLE RATIO	2.0489	1.2525								
FINAL RATIO	1.9783	1.2062								
ERROR	0.9655	0.9630								
1966										
WEIGHT	0.6430	0.4422	0.6430							
SAMPLE RATIO	2.5367	1.5192	1.1998							
FINAL RATIO	2.4979	1.5231	1.2627							
ERROR	0.9847	1.0025	1.0524							
1968										
WEIGHT	0.6897	0.3391	0.6744	0.5141						
SAMPLE RATIO	2.1547	1.3640	1.0718	0.8811						
FINAL RATIO	2.1980	1.3402	1.1111	0.8799						
ERROR	1.0201	0.9825	1.0367	0.9987						
1969										
WEIGHT	0.6319	0.4237	0.8166	0.5987	0.6894					
SAMPLE RATIO	2.7877	1.7183	1.3906	1.1329	1.2966					
FINAL RATIO	2.8025	1.7088	1.4167	1.1219	1.2750					
ERROR	1.0053	0.9945	1.0187	0.9903	0.9834					
1970										
WEIGHT	0.9118	0.4422	0.9118	0.6331	0.6741	0.8166				
SAMPLE RATIO	3.5718	2.1505	1.7252	1.3855	1.5817	1.2279				
FINAL RATIO	3.4400 2	2.0975	1.7389 2	1.3771	1.5650	1.2275				
ERROR	0.9631	0.9753	1.0079	0.9939	0.9895	0.9997				
1971										
WEIGHT	0.9501	0.4422	0.9501	0.6275	0.6688	0.8110	0.9062			
SAMPLE RATIO	3.9471	2.4189	1.9365	1.5579	1.7908	1.3891	1.1292			
FINAL RATIO	3.8000 2	2.3170	1.9209	1.5213	1.7288	1.3559	1.1047			
ERROR	0.9627	0.9579	0.9919	0.9765	0.9654	0.9761	0.9783			
1972										
WEIGHT	0.9283	0.4138	0.9283	0.6057	0.6460	0.7883	0.8835	0.9218		
SAMPLE RATIO	4.3157	2.6551	2.0978	1.6857	1.8767	1.4830	1.2292	1.0880		
FINAL RATIO	4.1963	2.5586	2.1212	1.6799	1.9091	1.4973	1.2199	1.1043		
ERROR	0.9723	0.9637	1.0112	0.9966	1.0123	1.0096	0.9924	1.0150		
1973										
WEIGHT	0.8568	0.3550	0.8568	0.5342	0.6404	0.7238	0.8029	0.8469	0.8478	
SAMPLE RATIO	4.6043	2.8997	2.2926	1.8387	2.0665	1.6077	1.3362	1.1837	1.0954	
FINAL RATIO	4.6300 2	2.8231	2.3404	1.8535	2.1064	1.6521	1.3459	1.2184	1.1034	
ERROR	1.0056	0.9736	1.0209	1.0081	1.0193	1.0276	1.0073	1.0293	1.0072	
1974										
WEIGHT	1.0000	0.4422	0.9656	0.6430	0.6897	0.8319	0.9118	0.9501	0.9283	0.8568
SAMPLE RATIO	4.9424	2.9965	2.4272	1.9044	2.2001	1.7395	1.4229	1.2593	1.1628	1.0750
FINAL RATIO	4.8382	2.9500 2	2.4457	1.9369	2.2012	1.7264	1.4064	1.2732	1.1530	1.0450
ERROR	0.9789	0.9845	1.0076	1.0171	1.0005	0.9924	0.9884	1.0110	0.9915	0.9720
1975										
WEIGHT	0.8917	0.4138	0.8917	0.5931	0.6165	0.7587	0.8379	0.8818	0.8827	0.8328
SAMPLE RATIO	5.5517	3.2851	2.7191	2.1018	2.4417	1.9092	1.5695	1.4007	1.2896	1.1897
FINAL RATIO	5.3172	3.2421	2.6878	2.1287	2.4191	1.8973	1.5457 2	1.3993	1.2671	1.1484
ERROR	0.9578	0.9869	0.9885	1.0128	0.9907	0.9937	0.9848	0.9990	0.9826	0.9653
1976										
WEIGHT	0.7614	0.4291	0.7614	0.4905	0.5002	0.6294	0.7085	0.7469	0.7241	0.6686
SAMPLE RATIO	5.6690	3.2955	2.7266	2.1186	2.3703	1.9381	1.5688	1.3853	1.2734	1.1824
FINAL RATIO	5.4366	3.3149	2.7482	2.1764	2.4734	1.9399	1.5804	1.4307	1.2956	1.1742
ERROR	0.9590	1.0059	1.0079	1.0273	1.0435	1.0009	1.0074	1.0328	1.0174	0.9931
1977										
WEIGHT	0.6845	0.3521	0.6845	0.4136	0.4821	0.5524	0.6316	0.6699	0.6472	0.6506
SAMPLE RATIO	6.5463	3.6545	3.1819	2.3901	2.6254	2.1997	1.7886	1.6016	1.4830	1.3660
FINAL RATIO	6.1977 2	3.7789	3.1329	2.4811	2.8197	2.2115	1.8017	1.6310	1.4769	1.3386
ERROR	0.9467	1.0340	0.9846	1.0381	1.0740	1.0053	1.0073	1.0183	0.9959	0.9799

	1974	1975	1976
1975			
WEIGHT	0.8917		
SAMPLE RATIO	1.1032		
FINAL RATIO	1.0990		
ERROR	0.9962		
1976			
WEIGHT	0.7614	0.7035	
SAMPLE RATIO	1.0997	0.9959	
FINAL RATIO	1.1237	1.0224	
ERROR	1.0218	1.0267	
1977			
WEIGHT	0.6845	0.6266	0.6845
SAMPLE RATIO	1.2739	1.1525	1.1594
FINAL RATIO	1.2810	1.1656	1.1400 2
ERROR	1.0056	1.0114	0.9833

	1957	1964	1965	1966	1968	1969	1970	1971	1972	1973
VALUE	70.400	115.460	139.270	175.853	154.741	197.297	242.176	267.520	295.420	325.952

	1974	1975	1976	1977
VALUE	340.608	374.331	382.735	436.318

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percent is much closer to the sample increase in each year, the 15.1 percent was not used. The reconstructed national GVIO is summarized in table 4.

Table 4

Gross Value of Industrial Output

	Index (1957=100)	Million 1957 yuan
1957	100.00	70,400
1964	164.01	115,460
1965	197.83	139,270
1966	249.79	175,853
1968	219.80	154,741
1969	280.25	197,297
1970	344.00	242,176
1971	380.00	267,520
1972	419.63	295,420
1973	463.00	325,952
1974	483.82	340,608
1975	531.72	374,331
1976	543.66	382,735
1977	619.77	436,318

Sources
  Index: Table 3.
  Million 1957 yuan:
    1957: State Statistical Bureau, *Ten Great Years*, Peking,
      1960, p. 87.
    1964-66 and 1968-77: Derived from the value of output in
      1957 and the index.

Finally, because 1967 estimates are available for only two provinces, the national GVIO total for 1967 was interpolated by the Kaplan-Moorsteen method. The method uses an interpolating index to establish the year-to-year pattern of change. The rate of growth of the interpolating index is adjusted so that it will fit exactly between the benchmark years at either end of the gap to be filled. [*] The formula is

$$KM_i = \left(\frac{1+\alpha}{1+\beta}\right) \left(\frac{I_i}{I_{i-1}}\right) KM_{i-1}$$

where KM stands for the Kaplan-Moorsteen index, I for the interpolating index, and α and β for the rates of growth between the benchmark years of the Kaplan-Moorsteen and interpolating indexes, respectively. Here, the interpolating index is a value-added index based on the physical output of commodities and the benchmark years are 1966 and 1968. The calculations are shown in table 5.

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[*] For a complete description of the method, see Norman M. Kaplan and Richard H. Moorsteen, *Indexes of Soviet Industrial Output*, Santa Monica, 1960, pp. 61-68.

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Table 5

Estimation of the National Gross Value of Industrial Output
in 1967

	GVIO [1] (Million 1957 Yuan)	Value-Added Index [2] (1957=100)	Estimated GVIO (Million 1957 Yuan)
1966	175,853	232	
1967		202	147,160
1968	154,741	221	
		Percent	
Average annual rate of growth	−6.19	−2.4	

[1] Table 4.
[2] CIA, *China: Economic Indicators,* ER 77-10508, October 1977, p. 15.

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APPENDIX

ANNUAL INDEXES OF PROVINCIAL INDUSTRIAL OUTPUT,
SELECTED YEARS, 1949-77

The tables in this appendix present reconstructed GVIO indexes for every province in China. A considerable number of statements about increases over 1949, 1965, or the previous year are available for all provinces. The difficulty with these statements is that the reported increases do not all fit perfectly. They may not fit because they are given with differing numbers of significant digits or are sometimes preliminary (or revised) figures. On occasion the figures also may be mistranslated or garbled.

It is possible to use a least squares technique to estimate an index of the gross value of industrial output that reconstructs as closely as possible the unpublished time series from which the various reported statistics on growth have been calculated. This technique is fully described in appendix A of Field, Lardy, and Emerson, 1976.

The data in the tables are the provincial GVIO in the given year (listed at the left) expressed as a multiple of provincial GVIO in the base year (listed at the top). The rows labeled "reported" are taken from (or derived from) the Chinese press and broadcasts. A typical entry for a reported figure is as follows:

1.0890 1A(12)

The number 1.0890 is output in the given year as a multiple of output in the base year. The figure to the right of the multiple indicates how the multiple is used in calculations. The meaning of the figure is as follows:

0 = not used in the calculations. (Figures accurate to only one significant digit are not used if more precise data are available.)

1 = used in the calculations.

2 = forced to fit exactly by means of a Lagrangian multiplier.

3 = an estimated multiple that is forced to fit exactly.

The letter that follows the figure refers to a footnote. Finally, for a multiple of the previous year, the number in parentheses indicates how many months in the year the data cover.

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TABLE A-1

ANHWEI PROVINCE

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
1952										
REPORTED	1.7008 1									
ESTIMATED	1.7008									
1957										
REPORTED	0.0	2.3788 1								
ESTIMATED	4.0459	2.3788								
1964										
REPORTED	0.0	0.0	0.0							
ESTIMATED	5.5624	3.2705	1.3748							
1965										
REPORTED	0.0	0.0	0.0	1.3000 1 (12)						
ESTIMATED	7.2311	4.2516	1.7873	1.3000						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.2800 1 (8)					
ESTIMATED	9.2558	5.4420	2.2877	1.6640	1.2800					
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	6.1074	3.5909	1.5095	1.0980	0.8446	0.6598				
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
ESTIMATED	8.8387	5.1968	2.1846	1.5890	1.2223	0.9549	1.4472			
1970										
REPORTED	0.0	0.0	0.0	0.0	1.6200 1	0.0	0.0	1.3000 1 (12)		
ESTIMATED	11.4904	6.7559	2.8400	2.0657	1.5890	1.2414	1.8814	1.3000		
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2000 1 (12)	
ESTIMATED	14.1277	8.3065	3.4919	2.5399	1.9537	1.5264	2.3132	1.5984	1.2295	
1972										
REPORTED	0.0	0.0	0.0	0.0	2.2500 1	0.0	2.6000 1	0.0	0.0	1.0970 1 (12)
ESTIMATED	15.8793	9.3364	3.9248	2.8548	2.1960	1.7156	2.6000	1.7966	1.3820	1.1240
1973										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	18.4200	10.8302	4.5528	3.3115	2.5473	1.9901	3.0160	2.0840	1.6031	1.3038
1974										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	18.4564	10.8516	4.5618	3.3181	2.5524	1.9940	3.0220	2.0881	1.6062	1.3064
1975										
REPORTED	22.0000 1	0.0	0.0	0.0	2.9500 1	0.0	0.0	0.0	2.0000 1	0.0
ESTIMATED	22.0000	12.9351	5.4377	3.9551	3.0424	2.3769	3.6022	2.4890	1.9146	1.5572
1976										
REPORTED	0.0	0.0	0.0	0.0	3.2000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	23.4369	13.7799	5.7926	4.2135	3.2411	2.5321	3.8374	2.6516	2.0397	1.6589

	1972	1973	1974	1975
1973				
REPORTED	1.1600 1 (12)			
ESTIMATED	1.1600			
1974				
REPORTED	0.0	0.0		
ESTIMATED	1.1623	1.0020		
1975				
REPORTED	0.0	0.0	1.1920 1 (12)	
ESTIMATED	1.3854	1.1944	1.1920	
1976				
REPORTED	0.0	0.0	0.0	1.0790 1 (11)
ESTIMATED	1.4759	1.2724	1.2699	1.0653

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
VALUE	0.333	0.567	1.348	1.853	2.409	3.084	2.035	2.945	3.828	4.707

	1972	1973	1974	1975	1976
VALUE	5.291	6.137	6.149	7.330	7.809

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/75:	BBC, FE/W872/A/8, 7 April 1976.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1964/65:	BBC, FE/W349/A/39, 19 January 1966.
1965/66:	BBC, FE/W388/A/23, 19 October 1966.
1965/70:	*SCMP*, No. 4831, 4 February 1971, p. 136.
1965/72:	FBIS, 6 July 1973, Cl.
1965/75:	BBC, FE/W860/A/3, 14 January 1976.
1965/76:	FBIS, 15 March 1977, Gl.
1968/72:	FBIS, 3 October 1973, Cl.
1969/70:	FBIS, 8 January 1971, C2.
1970/71:	FBIS, 6 January 1972, C3.
1970/75:	BBC, FE/W872/A/8, 7 April 1976.
1971/72:	FBIS, 12 January 1973, C20.
1972/73:	FBIS, 28 January 1974, Cl.
1974/75:	BBC, FE/W860/A/3, 14 January 1976.
1975/76:	*JPRS*, No. 68,906, 11 April 1977, p. 27.

TABLE A-2

CHEKIANG PROVINCE

	1949	1952	1957	1965	1968	1969	1970	1971	1972	1973
1952										
REPORTED	1.9281 1									
ESTIMATED	1.9293									
1957										
REPORTED	0.0	2.1601 1								
ESTIMATED	4.1699	2.1614								
1965										
REPORTED	0.0	0.0	1.8293 1							
ESTIMATED	7.6326	3.9562	1.8304							
1968										
REPORTED	0.0	0.0	0.0	0.0						
ESTIMATED	9.4140	4.8796	2.2576	1.2334						
1969										
REPORTED	0.0	0.0	0.0	0.0	1.1000 1A(12)					
ESTIMATED	10.3554	5.3676	2.4834	1.5567	1.1000					
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.1460 1 (12)				
ESTIMATED	11.8673	6.1512	2.8459	1.5548	1.2606	1.1460				
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.1340 1 (10)			
ESTIMATED	13.4575	6.9755	3.2273	1.7632	1.4295	1.2996	1.1340			
1972										
REPORTED	0.0	0.0	0.0	2.0000 1B	0.0	0.0	0.0	1.1350 1 (8)		
ESTIMATED	15.2743	7.9172	3.6630	2.0012	1.6225	1.4750	1.2871	1.1350		
1973										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1180 1 (11)	
ESTIMATED	17.0869	8.8567	4.0977	2.2387	1.8150	1.6500	1.4398	1.2697	1.1187	
1974										
REPORTED	11.0000 0C	0.0	0.0	2.0000 1D	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	15.2651	7.9124	3.6608	2.0000	1.6215	1.4741	1.2863	1.1343	0.9994	0.8934
1976										
REPORTED	13.5000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	13.4919	6.9933	3.2356	1.7677	1.4332	1.3029	1.1369	1.0026	0.8833	0.7896
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0710 1E
ESTIMATED	18.3110	9.4912	4.3913	2.3991	1.9451	1.7683	1.5430	1.3607	1.1988	1.0716

	1974	1976
1976		
REPORTED	0.0	
ESTIMATED	0.8838	
1977		
REPORTED	0.0	1.3580 1 (11)
ESTIMATED	1.1995	1.3572

	1949	1952	1957	1965	1968	1969	1970	1971	1972	1973
VALUE	0.511	0.986	2.132	3.902	4.813	5.295	6.068	6.881	7.809	8.736

	1974	1976	1977
VALUE	7.805	6.898	9.362

A. THE FIRST 11 MONTHS OF 1969 OVER ALL OF 1968.
B. NEARLY TWO TIMES THAT OF 1965.
C. INCREASED MORE THAN TEN TIMES (I.E., 10-20 TIMES) OVER 1949.
D. NEARLY TWO TIMES THAT OF 1965.
E. THE FIRST 11 MONTHS OF 1977 OVER THE CORRESPONDING PERIOD OF 1973.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/74:	*Great Changes*, p. 137.
1949/76:	FBIS, 12 September 1977, G2.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1957/65:	Derived from the absolute value in 1965 from a traveler's report and the absolute value in 1957.
1965/72:	FBIS, 9 July 1973, C6.
1965/74:	*Great Changes*, p. 142.
1968/69:	BBC, FE/W555/A/5, 28 January 1970.
1969/70:	*China Trade and Economic News Letter*, No. 188, June 1971, p. 2.
1970/71:	FBIS, 7 December 1971, C2.
1971/72:	FBIS, 3 October 1972, C2.
1972/73:	FBIS, 8 January 1974, B4.
1973/77:	*TKP (HK)*, 29 December 1977.
1976/77:	*TKP (HK)*, 29 December 1977.

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TABLE A-3

FUKIEN PROVINCE

	1949	1950	1952	1957	1964	1965	1966	1969	1970	1971
1950										
REPORTED	1.1348 1 (12)									
ESTIMATED	1.1348									
1952										
REPORTED	0.0	1.3663 1								
ESTIMATED	1.5505	1.3663								
1957										
REPORTED	0.0	0.0	2.9565 1							
ESTIMATED	4.5840	4.0395	2.9565							
1964										
REPORTED	0.0	0.0	0.0	0.0						
ESTIMATED	5.8287	5.1363	3.7593	1.2715						
1965										
REPORTED	0.0	0.0	0.0	0.0	1.3100 1 (6)					
ESTIMATED	7.6356	6.7286	4.9247	1.6657	1.3100					
1966										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.2046 1 (8)				
ESTIMATED	9.1978	8.1052	5.9322	2.0065	1.5780	1.2046				
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
ESTIMATED	8.4378	7.4355	5.4421	1.8407	1.4476	1.1051	0.9174			
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2500 1 (12)		
ESTIMATED	10.5473	9.2944	6.8026	2.3009	1.8095	1.3813	1.1467	1.2500		
1971										
REPORTED	0.0	10.0000 1	0.0	0.0	0.0	0.0	0.0	0.0	1.1110 1 (12)	
ESTIMATED	11.7180	10.3260	7.5577	2.5563	2.0104	1.5347	1.2740	1.3888	1.1110	
1972										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.8000 1	0.0	0.0	0.0	1.1000 1 (12)
ESTIMATED	13.3101	11.7290	8.5845	2.9036	2.2835	1.7432	1.4471	1.5774	1.2619	1.1359
1973										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	14.9073	13.1365	9.6146	3.2520	2.5676	1.9523	1.6207	1.7667	1.4134	1.2722
1974										
REPORTED	0.0	16.4000 1	0.0	0.0	0.0	2.3000 1	0.0	0.0	0.0	0.0
ESTIMATED	18.0231	15.8822	11.6242	3.9317	3.0921	2.3604	1.9595	2.1360	1.7088	1.5381
1975										
REPORTED	0.0	0.0	0.0	0.0	0.0	2.5600 1	0.0	0.0	0.0	0.0
ESTIMATED	19.6678	17.3315	12.6850	4.2906	3.3743	2.5758	2.1383	2.3309	1.8647	1.6784

	1972	1973	1974
1973			
REPORTED	1.1200 1 (12)		
ESTIMATED	1.1200		
1974			
REPORTED	0.0	0.0	
ESTIMATED	1.3541	1.2090	
1975			
REPORTED	0.0	0.0	1.0980 1 (12)
ESTIMATED	1.4777	1.3193	1.0913

	1949	1950	1952	1957	1964	1965	1966	1969	1970	1971
VALUE	0.240	0.272	0.372	1.100	1.399	1.832	2.207	2.025	2.531	2.812

	1972	1973	1974	1975
VALUE	3.194	3.577	4.325	4.720

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Sources for Table on Facing Page

1949/50:	Field, Lardy, Emerson, 1976, table I and notes to table I.
1950/52:	*Ibid.*
1950/71:	FBIS, 5 October 1972, C1.
1950/74:	*Great Changes*, p. 157.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1964/65:	BBC, FE/W327/A/21, 11 August 1965.
1965/66:	FBIS, 19 October 1966, DDD9.
1965/72:	FBIS, 19 July 1973, B4.
1965/74:	FBIS, 7 July 1975, G7.
1965/75:	*Economic Reporter*, No. 13, 1977, p. 13.
1969/70:	FBIS, 7 April 1971, C2.
1970/71:	FBIS, 3 October 1972, C5.
1971/72:	FBIS, 11 January 1973, B7.
1972/73:	FBIS, 8 January 1974, B4.
1974/75:	FBIS, 6 December 1977, G3.

TABLE A-4

HEILUNGKIANG PROVINCE

	1949	1952	1957	1965	1966	1968	1969	1970	1971	1972
1952										
REPORTED	2.4280 1									
ESTIMATED	2.4280									
1957										
REPORTED	0.0	2.0805 1								
ESTIMATED	5.0515	2.0805								
1965										
REPORTED	0.0	0.0	0.0							
ESTIMATED	11.0594	4.5550	2.1894							
1966										
REPORTED	0.0	0.0	0.0	1.2400 1 (8)						
ESTIMATED	13.7137	5.6481	2.7148	1.2400						
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	12.1076	4.9867	2.3969	1.0948	0.8829					
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.2400 1 (12)				
ESTIMATED	15.0134	6.1835	2.9721	1.3575	1.0948	1.2400				
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.1680 1 (9)			
ESTIMATED	17.5357	7.2223	3.4714	1.5856	1.2787	1.4483	1.1680			
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0510 1 (6)		
ESTIMATED	18.4300	7.5906	3.6485	1.6664	1.3639	1.5222	1.2276	1.0510		
1972										
REPORTED	0.0	0.0	0.0	1.7450 1	0.0	0.0	0.0	0.0	1.0470 1 (12)	
ESTIMATED	19.2962	7.9474	3.8199	1.7448	1.4071	1.5937	1.2853	1.1004	1.0470	
1973										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0730 1 (12)
ESTIMATED	20.7021	8.5264	4.0983	1.8719	1.5096	1.7098	1.3789	1.1806	1.1233	1.0729
1974										
REPORTED	21.9000 1	0.0	0.0	2.0000 1A	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	21.9000	9.0198	4.3354	1.9802	1.5969	1.8088	1.4587	1.2489	1.1883	1.1349
1975										
REPORTED	0.0	0.0	0.0	2.2400 1	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	24.7157	10.1795	4.8928	2.2348	1.8023	2.0413	1.6462	1.4095	1.3411	1.2809
1976										
REPORTED	0.0	0.0	0.0	2.3000 1	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	25.7539	10.6071	5.0983	2.3287	1.8780	2.1271	1.7154	1.4687	1.3974	1.3347
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	28.7156	11.8269	5.6846	2.5905	2.0939	2.3717	1.9127	1.6376	1.5581	1.4881

	1973	1974	1975	1976
1974				
REPORTED	1.0580 1 (12)			
ESTIMATED	1.0579			
1975				
REPORTED	0.0	1.1400 1 (11)		
ESTIMATED	1.1939	1.1286		
1976				
REPORTED	0.0	0.0	1.0550 1 (12)	
ESTIMATED	1.2440	1.1760	1.0420	
1977				
REPORTED	0.0	0.0	0.0	1.1150 1 (12)
ESTIMATED	1.3871	1.3112	1.1618	1.1150

	1949	1952	1957	1965	1966	1968	1969	1970	1971	1972
VALUE	0.721	1.750	3.641	7.971	9.885	8.727	10.821	12.639	13.284	13.908

	1973	1974	1975	1976	1977
VALUE	14.922	15.785	17.815	18.503	20.698

A. MORE THAN TWO TIMES THAT OF 1965.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/74:	*Great Changes*, p. 77.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1965/66:	BBC, FE/W388/A/1, 19 October 1966.
1965/72:	FBIS, 3 July 1973, G4.
1965/74:	FBIS, 10 January 1975, L1.
1965/75:	FBIS, 17 May 1976, L2.
1965/76:	FBIS, 31 March 1977, L2.
1968/69:	BBC, FE/W555/A/5, 28 January 1970.
1969/70:	FBIS, 12 November 1970, G2.
1970/71:	FBIS, 26 August 1971, G2.
1971/72:	FBIS, 6 February 1973, G2.
1972/73:	FBIS, 8 January 1974, B8.
1973/74:	FBIS, 10 January 1975, L1.
1974/75:	Radio Harbin, 19 December 1975.
1975/76:	FBIS, 15 March 1977, L4.
1976/77:	FBIS, 11 January 1978, L3.

TABLE A-5

HONAN PROVINCE

	1949	1952	1957	1964	1965	1966	1969	1970	1971	1972
1952										
REPORTED	3.8684 2									
ESTIMATED	3.8684									
1957										
REPORTED	0.0	1.9320 2								
ESTIMATED	7.4737	1.9320								
1964										
REPORTED	0.0	0.0	1.8500 1							
ESTIMATED	14.2821	3.6920	1.9110							
1965										
REPORTED	0.0	0.0	0.0	1.2950 1 (9)						
ESTIMATED	19.1047	4.9387	2.5562	1.3377						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.2960 1 (8)					
ESTIMATED	24.7598	6.4405	3.3129	1.7336	1.2960					
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	27.9915	7.2359	3.7453	1.9599	1.4652	1.1305				
1970										
REPORTED	0.0	0.0	0.0	0.0	1.8400 1	0.0	1.3100 1 (12)			
ESTIMATED	36.6689	9.4791	4.9064	2.5675	1.9194	1.4810	1.3100			
1971										
REPORTED	0.0	0.0	0.0	0.0	2.3600 1	0.0	0.0	1.1300 1 (12)		
ESTIMATED	43.2230	11.1733	5.7833	3.0204	2.2624	1.7457	1.5441	1.1787		
1972										
REPORTED	0.0	0.0	0.0	0.0	2.6000 1	0.0	0.0	0.0	0.0	
ESTIMATED	51.3092	13.2637	6.8653	3.5926	2.6857	2.0723	1.8330	1.3993	1.1871	
1974										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	54.2460	14.0228	7.2582	3.7982	2.8394	2.1909	1.9379	1.4793	1.2550	1.0572
1975										
REPORTED	0.0	0.0	0.0	0.0	3.2000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	61.1352	15.3037	8.1800	4.2306	3.2000	2.4691	2.1841	1.6672	1.4144	1.1915
1976										
REPORTED	53.0000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0000 2A
ESTIMATED	51.3092	13.2637	6.8653	3.5926	2.6857	2.0723	1.8330	1.3993	1.1871	1.0000

	1974	1975
1975		
REPORTED	1.1270 1 (11)	
ESTIMATED	1.1270	
1976		
REPORTED	0.0	0.0
ESTIMATED	0.9459	0.8393

	1949	1952	1957	1964	1965	1966	1969	1970	1971	1972
VALUE	0.209	0.807	1.560	2.981	3.988	5.168	5.843	7.654	9.022	10.710

	1974	1975	1976
VALUE	11.323	12.761	10.710

A. OUTPUT SLIPPED BACK TO THE 1972 LEVEL.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/76:	JMJP, 7 December 1976.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1957/64:	*News from Chinese Provincial Radio Stations*, No. 106, p. 5.
1964/65:	BBC, FE/W334/A/12, 29 September 1965.
1965/66:	BBC, FE/W388/A/24, 19 October 1966.
1965/70:	*SCMP*, No. 4862, 22 March 1971, p. 21.
1965/71:	FBIS, 25 October 1972, B3.
1965/72:	FBIS, 28 September 1973, D2.
1965/75:	FBIS, 31 March 1976, H2.
1969/70:	FBIS, 31 December 1970, D2.
1972/76:	FBIS, 21 December 1977, H1.
1970/71:	FBIS, 12 January 1972, D7.
1974/75:	BBC, FE/W860/A/3, 14 January 1976.

TABLE A-6

HOPEH PROVINCE

	1949	1952	1957	1965	1970	1971	1972	1973	1974	1975
1952										
REPORTED	1.3835 1									
ESTIMATED	1.3835									
1957										
REPORTED	0.0	2.0902 1								
ESTIMATED	2.8916	2.0902								
1965										
REPORTED	0.0	0.0	0.0							
ESTIMATED	7.7174	5.5782	2.6687							
1970										
REPORTED	0.0	0.0	0.0	2.0000 1						
ESTIMATED	15.4348	11.1564	5.3375	2.0000						
1971										
REPORTED	0.0	0.0	0.0	0.0	1.0810 1 (12)					
ESTIMATED	16.6851	12.0600	5.7698	2.1620	1.0810					
1972										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	20.7087	14.9683	7.1612	2.6834	1.3417	1.2411				
1973										
REPORTED	0.0	0.0	0.0	3.0000 1	0.0	0.0	1.1180 1 (12)			
ESTIMATED	23.1523	16.7346	8.0062	3.0000	1.5000	1.3876	1.1180			
1974										
REPORTED	26.0000 1A	0.0	0.0	0.0	0.0	0.0	0.0	1.1230 1 (12)		
ESTIMATED	26.0000	18.7929	8.9910	3.3690	1.6845	1.5583	1.2555	1.1230		
1975										
REPORTED	0.0	0.0	0.0	3.7000 1	0.0	0.0	0.0	0.0	0.0	
ESTIMATED	28.5545	20.6393	9.8743	3.7000	1.8500	1.7114	1.3789	1.2333	1.0982	
1976										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	24.4283	17.6569	8.4474	3.1653	1.5827	1.4641	1.1796	1.0551	0.9395	0.8555
1977										
REPORTED	0.0	0.0	0.0	3.6528 1B	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	28.1902	20.3760	9.7484	3.6528	1.8264	1.6895	1.3613	1.2176	1.0842	0.9872

	1976
1977	
REPORTED	1.1540 1 (12)
ESTIMATED	1.1540

	1949	1952	1957	1965	1970	1971	1972	1973	1974	1975
VALUE	0.871	1.205	2.519	6.723	13.445	14.534	18.039	20.168	22.648	24.873

	1976	1977
VALUE	21.279	24.556

A. TWENTY-SIX TIMES THE EARLY POST-LIBERATION FIGURE.
B. DERIVED FROM THE REPORTED ANNUAL RATE OF 11.4 PERCENT.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/74:	*Great Changes*, p. 25.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1965/70:	*China Trade and Economic News Letter*, No. 188, June 1971, p. 2.
1965/73:	FBIS, 8 January 1975, K3.
1965/75:	FBIS, 19 May 1976, K3.
1965/77:	BBC, FE/W962/A/7, 11 January 1978.
1970/71:	BBC, FE/W656/A/14, 19 January 1972.
1972/73:	FBIS, 22 January 1975, K1.
1973/74:	*Ibid.*
1976/77:	FBIS, 8 February 1978, K3.

TABLE A-7

HUNAN PROVINCE

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
1952										
REPORTED	2.4214 1									
ESTIMATED	2.4214									
1957										
REPORTED	0.0	2.3623 1								
ESTIMATED	5.7201	2.3623								
1964										
REPORTED	0.0	0.0	0.0							
ESTIMATED	8.0916	3.3417	1.4146							
1965										
REPORTED	0.0	0.0	0.0	1.2914 1 (11)						
ESTIMATED	10.2047	4.2144	1.7840	1.2611						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.2650 1 (8)					
ESTIMATED	12.9089	5.3312	2.2568	1.5954	1.2650					
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	9.4697	3.9108	1.6555	1.1703	0.9280	0.7336				
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.4750 1 (8)			
ESTIMATED	13.9677	5.7685	2.4419	1.7262	1.3688	1.0820	1.4750			
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4600 1 (12)		
ESTIMATED	20.3929	8.4219	3.5651	2.5203	1.9984	1.5797	2.1535	1.4600		
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0800 1 (12)	
ESTIMATED	22.3483	9.2295	3.9070	2.7619	2.1900	1.7312	2.3600	1.6000	1.0959	
1972										
REPORTED	0.0	0.0	0.0	0.0	2.4000 1	0.0	0.0	0.0	0.0	1.0800 1 (8)
ESTIMATED	24.4913	10.1145	4.2816	3.0268	2.4000	1.8972	2.5863	1.7534	1.2010	1.0959
1973										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3899 1A	0.0
ESTIMATED	27.9332	11.5360	4.8834	3.4521	2.7373	2.1639	2.9498	1.9996	1.3697	1.2499
1974										
REPORTED	29.0000 2	0.0	0.0	3.5000 1	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	29.0000	11.9765	5.0699	3.5840	2.8418	2.2465	3.0624	2.0762	1.4221	1.2976
1975										
REPORTED	29.0000 2	0.0	0.0	0.0	2.9100 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	29.0000	11.9765	5.0699	3.5840	2.8418	2.2465	3.0624	2.0762	1.4221	1.2976
1976										
REPORTED	29.5000 1B	0.0	0.0	0.0	2.9000 0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	29.5000	12.1830	5.1573	3.6458	2.8908	2.2852	3.1152	2.1120	1.4466	1.3200
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	36.2555	14.9729	6.3383	4.4806	3.5528	2.8086	3.8286	2.5957	1.7778	1.6223

	1972	1973	1974	1975	1976
1973					
REPORTED	1.1240 1 (11)				
ESTIMATED	1.1405				
1974					
REPORTED	0.0	0.0			
ESTIMATED	1.1841	1.0382			
1975					
REPORTED	0.0	0.0	0.0		
ESTIMATED	1.1841	1.0382	1.0000		
1976					
REPORTED	0.0	0.0	0.0	0.0	
ESTIMATED	1.2045	1.0561	1.0172	1.0172	
1977					
REPORTED	0.0	0.0	0.0	0.0	1.2290 1 (12)
ESTIMATED	1.4803	1.2979	1.2502	1.2502	1.2290

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
VALUE	0.286	0.692	1.634	2.311	2.915	3.688	2.705	3.990	5.825	6.384

	1972	1973	1974	1975	1976	1977
VALUE	6.996	7.979	8.284	8.284	8.427	10.357

A. DERIVED FROM THE REPORTED ANNUAL RATE OF 11.6 PERCENT.
B. REPORTED TO BE 20.5 TIMES THAT OF 1949. INDEXES FOR GVIAO AND GVAO, AND THE SHARES OF GVIO AND GVAO IN GVIAO IN 1949 AND 1976 INDICATE THAT 29.5 IS THE TRUE VALUE.

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Sources for Table on Facing Page

1949/52	Field, Lardy, Emerson, 1976, table I.
1949/74	FBIS, 3 February 1975, H3.
1949/75	*Peking Review*, No. 30, 23 July 1976, p. 19.
1949/76	FBIS, 13 July 1977, G6.
1952/57	Field, Lardy, Emerson, 1976, table I.
1964/65	*News from Chinese Regional Radio Stations*, No. 139, 6 January 1966, p. 23.
1964/74:	FBIS, 3 February 1975, H3.
1965/66:	BBC, FE/W388/A/24, 19 October 1966.
1965/72:	FBIS, 19 July 1973, B2.
1965/75:	FBIS, 18 May 1976, H3.
1965/76:	*JPRS*, No. 67524, 30 June 1976, p. 4.
1968/69:	FBIS, 1 October 1969, D3.
1969/70:	FBIS, 29 April 1977, E3.
1970/71:	FBIS, 10 January 1972, D7.
1970/73:	FBIS, 29 April 1977, E3.
1971/72:	FBIS, 29 September 1972, D2.
1972/73:	FBIS, 10 January 1974, D10.
1976/77:	FBIS, 12 January 1978, H1.

TABLE A-8

HUPEH PROVINCE

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
1952										
REPORTED	2.0169 1									
ESTIMATED	2.0169									
1957										
REPORTED	0.0	2.9278 1								
ESTIMATED	5.9051	2.9278								
1964										
REPORTED	0.0	0.0	0.0							
ESTIMATED	7.9955	3.9642	1.3540							
1965										
REPORTED	0.0	0.0	0.0	1.2316 1 (12)						
ESTIMATED	9.7237	4.8211	1.6467	1.2162						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.2400 1 (8)					
ESTIMATED	12.0574	5.9782	2.0419	1.5083	1.2400					
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	8.6996	4.3133	1.4732	1.0881	0.8947	0.7215				
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.3500 1 (12)			
ESTIMATED	11.7444	5.8230	1.9889	1.4689	1.2078	0.9740	1.3500			
1970										
REPORTED	0.0	0.0	2.9833 1	0.0	0.0	0.0	0.0	1.5000 1 (12)		
ESTIMATED	17.6166	8.7345	2.9833	2.2033	1.8117	1.4611	2.0250	1.5000		
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1650 1 (6)	
ESTIMATED	20.5234	10.1757	3.4755	2.5669	2.1107	1.7021	2.3591	1.7475	1.1650	
1974										
REPORTED	21.7000 1	0.0	0.0	2.6800 1	2.2600 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	21.7000	10.7591	3.6748	2.7140	2.2317	1.7997	2.4944	1.8477	1.2318	1.0573
1976										
REPORTED	0.0	0.0	0.0	0.0	2.5000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	24.2802	12.0384	4.1118	3.0368	2.4970	2.0137	2.7910	2.0674	1.3783	1.1831
1977										
REPORTED	0.0	0.0	0.0	0.0	3.0042 1A	0.0	0.0	0.0	0.0	0.0
ESTIMATED	29.2470	14.5009	4.9528	3.6579	3.0078	2.4256	3.3619	2.4903	1.6602	1.4251

	1974	1976
1976		
REPORTED	0.0	
ESTIMATED	1.1189	
1977		
REPORTED	0.0	1.2060 1 (12)
ESTIMATED	1.3478	1.2046

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
VALUE	0.426	0.859	2.514	3.404	4.140	5.133	3.704	5.000	7.500	8.738

	1974	1976	1977
VALUE	9.238	10.337	12.451

A. DERIVED FROM THE REPORTED ANNUAL RATE OF 9.6 PERCENT.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/74:	*Great Changes*, p. 164.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1957/70:	Roland Berger, "Financial Aspects of Chinese Planning," *Bulletin of Concerned Asian Scholars*, vol. 6, No. 2, p. 16.
1964/65:	*News From Chinese Provincial Radio Stations*, No. 139, 6 January 1966, p. 26.
1964/74:	FBIS, 16 April 1975, H2.
1965/66:	*SCMP*, No. 3081, 14 October 1966, p. 12.
1965/74:	*Great Changes*, p. 164.
1965/76:	FBIS, 16 January 1978, H1.
1965/77:	FBIS, 23 January 1978, H2.
1968/69:	FBIS, 2 January 1970, D15.
1969/70:	FBIS, 1 April 1971, D3.
1970/71:	FBIS, 2 July 1971, D2.
1976/77:	FBIS, 16 January 1978, H2.

TABLE A-9

INNER MONGOLIA PROVINCE

	1947	1949	1952	1957	1962	1965	1966	1970	1971	1972
1949										
REPORTED	1.2914 1									
ESTIMATED	1.2914									
1952										
REPORTED	0.0	2.3439 1								
ESTIMATED	3.0269	2.3439								
1957										
REPORTED	0.0	0.0	3.9385 1							
ESTIMATED	11.9215	9.2315	3.9385							
1962										
REPORTED	22.0000 1	0.0	0.0	0.0						
ESTIMATED	22.0000	17.0358	7.2681	1.8454						
1965										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	56.8466	44.0194	18.7804	4.7684	2.5839					
1966										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.1038 1A(12)				
ESTIMATED	62.7478	48.5890	20.7300	5.2634	2.8522	1.1038				
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.3510 1			
ESTIMATED	84.7730	65.6442	28.0064	7.1109	3.8533	1.4913	1.3510			
1971										
REPORTED	103.0000 1B	0.0	0.0	0.0	0.0	0.0	0.0	1.2150 1A(8)		
ESTIMATED	103.0000	79.7584	34.0281	8.6399	4.6818	1.8119	1.6415	1.2150		
1972										
REPORTED	0.0	0.0	0.0	0.0	0.0	2.0000 1C	0.0	0.0	1.1038 1 (12)	
ESTIMATED	113.6923	88.0380	37.5605	9.5368	5.1678	2.0000	1.8119	1.3411	1.1038	
1974										
REPORTED	0.0	0.0	0.0	0.0	0.0	2.0000 1D	0.0	0.0	0.0	0.0
ESTIMATED	113.6932	88.0388	37.5608	9.5368	5.1679	2.0000	1.8119	1.3411	1.1038	1.0000

	1947	1949	1952	1957	1962	1965	1966	1970	1971	1972
VALUE	0.053	0.068	0.160	0.631	1.164	3.009	3.321	4.487	5.452	6.018

	1974
VALUE	6.018

1. THE PERCENTAGE INCREASE IN 1966 AND 1972 WERE ESTIMATED SO AS TO LINK THE
INCREASE REPORTED FOR 1965-1972 AND DERIVED FOR 1966-1971.
B. ONE HUNDRED AND THREE TIMES THE EARLY POST-LIBERATION FIGURE.
C. NEARLY TWO TIMES THAT OF 1965.
D. MORE THAN TWO TIMES THAT OF 1965.

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Sources for Table on Facing Page

1947/49:	*Statistics on the IMAR*, 1960, pp. 38-39.
1947/62:	*TKP (HK)*, 9 October 1963.
1947/71:	FBIS, 20 September 1972, F4.
1949/52:	*Statistics on the IMAR*, 1960, pp. 38-39.
1952/57:	*Ibid.*
1965/72:	FBIS, 31 July 1973, F1.
1965/74:	*Great Changes*, p. 54.
1966/70:	FBIS, 24 May 1971, F2.
1970/71:	FBIS, 12 October 1971, F1.

TABLE A-10

KANSU PROVINCE

	1949	1952	1957	1965	1967	1968	1969	1970	1971	1972
1952										
REPORTED	1.8284 1									
ESTIMATED	1.8284									
1957										
REPORTED	0.0	2.5481 1								
ESTIMATED	4.6589	2.5481								
1965										
REPORTED	0.0	0.0	0.0							
ESTIMATED	14.5595	7.9630	3.1251							
1967										
REPORTED	0.0	0.0	0.0	0.0						
ESTIMATED	14.0541	7.6865	3.0166	0.9653						
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	18.5016	10.1190	3.9712	1.2708	1.3165					
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.2700 1 (11)				
ESTIMATED	23.4970	12.8512	5.0434	1.6139	1.6719	1.2700				
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.2500 1 (12)			
ESTIMATED	29.3713	16.0639	6.3043	2.0173	2.0899	1.5875	1.2500			
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2780 1 (9)		
ESTIMATED	37.4774	20.4974	8.0442	2.5741	2.6667	2.0254	1.5950	1.2760		
1972										
REPORTED	40.0000 1	0.0	0.0	2.7000 1	0.0	0.0	0.0	0.0	1.0625 1 (8)	
ESTIMATED	39.7571	21.7442	8.5335	2.7307	2.8289	2.1488	1.6920	1.3536	1.0608	
1973										
REPORTED	43.0000 1	0.0	0.0	2.9000 1	0.0	0.0	0.0	0.0	0.0	1.0580 1 (11)
ESTIMATED	42.2157	23.0889	9.0612	2.8995	3.0038	2.2817	1.7966	1.4373	1.1264	1.0618
1974										
REPORTED	45.0000 1	0.0	0.0	3.0000 0A	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	45.3742	24.8163	9.7392	3.1165	3.2285	2.4524	1.9311	1.5448	1.2107	1.1413
1975										
REPORTED	51.0000 1	0.0	0.0	3.6000 1	0.0	0.0	0.0	1.7620 1B	0.0	0.0
ESTIMATED	51.8339	28.3493	11.1257	3.5601	3.6882	2.8016	2.2060	1.7648	1.3831	1.3038
1976										
REPORTED	52.0000 1	0.0	0.0	3.5000 0	3.7000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	52.0000	28.4402	11.1613	3.5716	3.7000	2.8106	2.2130	1.7704	1.3875	1.3079
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	57.5120	31.4548	12.3444	3.9501	4.0922	3.1085	2.4476	1.9581	1.5346	1.4466

	1973	1974	1975	1976
1974				
REPORTED	1.0910 1 (11)			
ESTIMATED	1.0748			
1975				
REPORTED	0.0	1.1500 1 (12)		
ESTIMATED	1.2278	1.1424		
1976				
REPORTED	0.0	0.0	0.0	
ESTIMATED	1.2318	1.1460	1.0032	
1977				
REPORTED	0.0	0.0	0.0	1.1060 1 (11)
ESTIMATED	1.3623	1.2675	1.1095	1.1060

	1949	1952	1957	1965	1967	1968	1969	1970	1971	1972
VALUE	0.149	0.273	0.695	2.172	2.097	2.760	3.505	4.381	5.591	5.931

	1973	1974	1975	1976	1977
VALUE	6.298	6.769	7.732	7.757	8.579

A. MORE THAN THREE TIMES THAT OF 1965.
B. DERIVED FROM THE REPORTED ANNUAL RATE OF 12 PERCENT.

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Sources for Table on Facing Page

1949/72:	Field, Lardy, Emerson, 1976, table I.
1949/72:	Rewi Alley, "Northwest Return," *Eastern Horizon*, vol. 13, No. 8, 1974, p. 13.
1949/73:	FBIS, 11 October 1974, M2.
1949/74:	*Great Changes*, p. 209.
1949/75:	FBIS, 15 March 1976, M1.
1949/76:	FBIS, 16 March 1977, M5.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1965/72:	FBIS, 27 June 1973, H5.
1965/73:	FBIS, 11 October 1974, M2.
1965/74:	*Great Changes*, p. 209.
1965/75:	*JPRS*, no. 66,673, 26 January 1976, p. 5
1965/76:	FBIS, 16 March 1977, M5.
1967/76:	FBIS, 9 January 1978, M2.
1968/69:	FBIS, 5 January 1970, H1.
1969/70:	*La Nouvelle Chine*, April 1972, p. 41.
1970/71:	BBC, FE/W647/A/11, 10 November 1971.
1970/75:	NCNA-Lanchow, 21 February 1976.
1971/72:	FBIS, 4 October 1972, H2.
1972/73:	FBIS, 8 January 1974, B9.
1973/74:	FBIS, 13 December 1974, M2.
1974/75:	*JPRS*, No. 66,673, 26 January 1976, p. 5.
1976/77:	FBIS, 9 January 1978, M4.

TABLE A-11

KIANGSI PROVINCE

1952	1949	1952	1957	1968	1969	
REPORTED	2.6744 1					
ESTIMATED	2.6744					
1957						
REPORTED	0.0	2.0400 1				
ESTIMATED	5.4558	2.0400				
1968						
REPORTED	0.0	0.0	0.0			
ESTIMATED	13.2680	4.9611	2.4319			
1969						
REPORTED	14.9000 1	0.0	0.0	1.1230 1 (e)		
ESTIMATED	14.9000	5.5713	2.7311	1.1230		
1974						
REPORTED	26.0000 1	0.0	0.0	0.0	0.0	
ESTIMATED	26.0000	9.7218	4.7656	1.9596	1.7450	

	1949	1952	1957	1968	1969	1974
VALUE	0.202	0.539	1.100	2.675	3.004	5.242

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/69:	BBC, FE/W541/A/1, 15 October 1969.
1949/74:	*Great Changes*, p. 146.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1968/69:	BBC, FE/W531/A/4, 6 August 1969.

TABLE A-12

KIANGSU PROVINCE

	1949	1952	1957	1963	1965	1968	1969	1970	1971	1972
1952										
REPORTED	1.5680 1									
ESTIMATED	1.5680									
1957										
REPORTED	0.0	1.7620 1								
ESTIMATED	2.7628	1.7620								
1963										
REPORTED	0.0	0.0	0.0							
ESTIMATED	4.0217	2.5449	1.4557							
1965										
REPORTED	0.0	0.0	0.0	0.0						
ESTIMATED	5.2692	3.3605	1.9072	1.3102						
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	6.1639	3.9310	2.2310	1.5326	1.1698					
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.4300 1 (8)				
ESTIMATED	8.7600	5.5995	3.1779	2.1831	1.6663	1.4244				
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.2100 1 (6)			
ESTIMATED	10.5823	6.7489	3.8303	2.6313	2.0083	1.7168	1.2053			
1971										
REPORTED	12.4000 1	0.0	0.0	0.0	0.0	0.0	0.0	1.2000 1 (12)		
ESTIMATED	12.6493	8.0672	4.5784	3.1452	2.4006	2.0522	1.4407	1.1953		
1972										
REPORTED	0.0	0.0	0.0	0.0	2.4000 1B	2.0050 1A	0.0	0.0	0.0	
ESTIMATED	12.4069	7.9126	4.4907	3.0850	2.3546	2.0128	1.4131	1.1724	0.9808	
1973										
REPORTED	13.6000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1300 1 (12)
ESTIMATED	13.8083	8.8063	4.9979	3.4334	2.6205	2.2402	1.5727	1.3048	1.0916	1.1130
1974										
REPORTED	15.7000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	15.7000	10.0128	5.6826	3.9036	2.9796	2.5471	1.7882	1.4836	1.2412	1.2654
1975										
REPORTED	18.4000 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	18.4000	11.7347	6.6599	4.5751	3.4920	2.9851	2.0957	1.7387	1.4546	1.4830
1976										
REPORTED	18.5000 2	0.0	0.0	4.6000 1	3.4445 1B	0.0	0.0	0.0	0.0	0.0
ESTIMATED	18.5000	11.7985	6.6961	4.6000	3.5109	3.0014	2.1071	1.7482	1.4625	1.4911
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	21.7375	13.8032	7.8679	5.4050	4.1254	3.5266	2.4758	2.0541	1.7185	1.7521

	1973	1974	1975	1976
1974				
REPORTED	0.0			
ESTIMATED	1.1370			
1975				
REPORTED	0.0	0.0		
ESTIMATED	1.3325	1.1720		
1976				
REPORTED	0.0	0.0	0.0	
ESTIMATED	1.3398	1.1783	1.0054	
1977				
REPORTED	0.0	0.0	0.0	1.1750 1 (12)
ESTIMATED	1.5742	1.3846	1.1814	1.1750

	1949	1952	1957	1963	1965	1968	1969	1970	1971	1972
VALUE	1.493	2.341	4.124	6.003	7.865	9.201	13.106	15.796	18.881	18.520

	1973	1974	1975	1976	1977
VALUE	20.611	23.435	27.465	27.615	32.447

A. DERIVED FROM THE REPORTED ANNUAL RATE OF 19 PERCENT.
B. DERIVED FROM THE REPORTED ANNUAL RATE OF 11.9 PERCENT.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/71:	*Peking Review*, No. 25, 23 June 1972, p. 17.
1949/73:	FBIS, 22 November 1974, G1.
1949/74:	*Great Changes*, p. 116.
1949/75:	FBIS, 6 October 1976, G9.
1949/76:	FBIS, 17 June 1977, G3.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1963/76:	FBIS, 17 June 1977, G3, as corrected in FBIS, 23 June 1977, G4.
1965/72:	FBIS, 1 October 1973, C4.
1965/76:	FBIS, 20 May 1977, E5.
1968/69:	FBIS, 3 October 1969, C13.
1968/72:	FBIS, 25 July 1973, C11.
1969/70:	FBIS, 16 July 1970, C6.
1970/71:	FBIS, 14 January 1972, C5.
1972/73:	FBIS, 18 January 1974, C9.
1976/77:	FBIS, 16 January 1978, G8.

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TABLE A-13

KIRIN PROVINCE

	1949	1952	1957	1964	1965	1966	1969	1970	1971	1972
1952										
REPORTED	2.7550 1									
ESTIMATED	2.7550									
1957										
REPORTED	0.0	2.1579 1								
ESTIMATED	5.9450	2.1579								
1964										
REPORTED	0.0	0.0	0.0							
ESTIMATED	11.5246	4.1832	1.9385							
1965										
REPORTED	0.0	0.0	0.0	1.2300 1 (b)						
ESTIMATED	14.1753	5.1453	2.3844	1.2300						
1966										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	17.5000	6.3521	2.9436	1.5185	1.2345					
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	17.2517	6.2620	2.9019	1.4969	1.2170	0.9858				
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.1850 1	1.2080 1 (12)			
ESTIMATED	20.7375	7.5272	3.4882	1.7994	1.4629	1.1850	1.2021			
1971										
REPORTED	22.0000 1A	0.0	0.0	0.0	0.0	0.0	0.0	1.0714 1 (12)		
ESTIMATED	22.1088	8.0250	3.7189	1.9184	1.5597	1.2634	1.2615	1.0661		
1972										
REPORTED	0.0	0.0	0.0	0.0	1.8450 1	0.0	1.5011 1B	0.0	0.0	
ESTIMATED	26.0247	9.4463	4.3776	2.2582	1.8359	1.4871	1.5085	1.2560	1.1771	
1974										
REPORTED	26.0000 1	0.0	0.0	0.0	2.0000 0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	25.8720	9.3909	4.3519	2.2449	1.8252	1.4784	1.4997	1.2476	1.1702	0.9941
1975										
REPORTED	0.0	0.0	0.0	0.0	2.1000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	29.9153	10.8586	5.0320	2.5958	2.1104	1.7094	1.7340	1.4426	1.3531	1.1495
1976										
REPORTED	31.0000 1C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	31.0000	11.2523	5.2145	2.6899	2.1869	1.7714	1.7969	1.4949	1.4022	1.1912

	1974	1975
1975		
REPORTED	1.1620 1 (12)	
ESTIMATED	1.1563	
1976		
REPORTED	0.0	0.0
ESTIMATED	1.1982	1.0363

	1949	1952	1957	1964	1965	1966	1969	1970	1971	1972
VALUE	0.362	0.999	2.155	4.178	5.138	6.344	6.254	7.517	8.014	9.634

	1974	1975	1976
VALUE	9.378	10.844	11.237

A. TWENTY-TWO TIMES THE EARLY POST-LIBERATION FIGURE.
B. DERIVED FROM THE REPORTED ANNUAL RATE OF 14.5 PERCENT.
C. NEARLY 31 TIMES THE 1949 FIGURE.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/71:	FBIS, 28 November 1972, G2.
1949/74:	*Great Changes*, p. 66.
1949/76:	FBIS, 31 March 1977, L9.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1964/65:	FBIS, 14 September 1965, DDD6.
1965/72:	FBIS, 4 June 1973, G3.
1965/74:	*Great Changes*, p. 66.
1965/75:	FBIS, 5 January 1976, L3.
1966/70:	*SCMP*, No. 4874, 8 April 1971, p. 135.
1969/70:	FBIS, 31 March 1977, L9.
1969/72:	FBIS, 8 May 1973, G5.
1970/71:	BBC, FE/W655/A/11, 12 January 1972.
1974/75:	FBIS, 31 March 1977, L9.

TABLE A-14

KWANGSI PROVINCE

	1949	1950	1952	1957	1958	1964	1965	1966	1969	1970
1950										
REPORTED	0.0									
ESTIMATED	1.2086									
1952										
REPORTED	0.0	1.4658 1								
ESTIMATED	1.7707	1.4650								
1957										
REPORTED	0.0	0.0	2.3265 1							
ESTIMATED	4.1172	3.4065	2.3252							
1958										
REPORTED	0.0	0.0	0.0	1.5670 1 (12)						
ESTIMATED	6.4482	5.3351	3.6417	1.5661						
1964										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	5.3281	4.4083	3.0091	1.2941	0.8263					
1965										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.4100 1 (9)				
ESTIMATED	7.5127	6.2158	4.2428	1.8247	1.1651	1.4100				
1966										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.2500 1 (8)			
ESTIMATED	9.3908	7.7697	5.3035	2.2809	1.4563	1.7625	1.2500			
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
ESTIMATED	11.3416	9.3837	6.4053	2.7547	1.7589	2.1286	1.5097	1.2077		
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.8500 1	0.0	1.2280 1 (12)	
ESTIMATED	13.9734	11.5412	7.8916	3.3939	2.1670	2.4226	1.8600	1.4680	1.2320	
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2287 1 (11)
ESTIMATED	17.3519	14.3565	9.7996	4.2145	2.4910	3.2567	2.3097	1.8477	1.5299	1.2418
1972										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	2.7000 1	0.0	0.0	0.0
ESTIMATED	20.2372	16.7437	11.4291	4.9153	3.1384	3.7982	2.6938	2.1550	1.7843	1.4483
1973										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	23.4416	19.3950	13.2388	5.6935	3.6354	4.3996	3.1203	2.4962	2.0669	1.6776
1974										
REPORTED	26.0000 1	21.5000 1	0.0	0.0	0.0	0.0	3.4800 1	0.0	2.3000 1	0.0
ESTIMATED	26.0000	21.5117	14.6837	6.3149	4.0321	4.8798	3.4608	2.7687	2.2924	1.8607
1975										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	3.8700 1	0.0	0.0	0.0
ESTIMATED	29.0740	24.0550	16.4197	7.0615	4.5089	5.4567	3.8700	3.0960	2.5635	2.0807
1976										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	4.0000 1	0.0	0.0	2.1600 1
ESTIMATED	30.1247	24.9243	17.0131	7.3167	4.6718	5.6539	4.0099	3.2079	2.6561	2.1559
1977										
REPORTED	0.0	0.0	0.0	0.0	5.5000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	35.4459	29.3269	20.0183	8.6091	5.4970	6.6526	4.7182	3.7745	3.1253	2.5367

	1971	1972	1973	1974	1975	1976
1972						
REPORTED	1.1540 1 (12)					
ESTIMATED	1.1663					
1973						
REPORTED	0.0	1.1488 1 (11)				
ESTIMATED	1.3510	1.1583				
1974						
REPORTED	0.0	0.0	1.1000 1 (10)			
ESTIMATED	1.4984	1.2848	1.1091			
1975						
REPORTED	0.0	0.0	0.0	0.0		
ESTIMATED	1.6756	1.4367	1.2403	1.1182		
1976						
REPORTED	0.0	0.0	0.0	0.0	0.0	
ESTIMATED	1.7361	1.4886	1.2851	1.1586	1.0361	
1977						
REPORTED	0.0	0.0	0.0	0.0	0.0	1.1760 1 (12)
ESTIMATED	2.0428	1.7515	1.5121	1.3633	1.2192	1.1766

	1949	1950	1952	1957	1958	1964	1965	1966	1969	1970
VALUE	0.174	0.210	0.308	0.717	1.123	0.928	1.308	1.635	1.975	2.433

	1971	1972	1973	1974	1975	1976	1977
VALUE	3.022	3.524	4.082	4.528	5.063	5.246	6.173

Sources for Table on Facing Page

1949/74:	*Great Changes*, p. 200.
1950/52:	Field, Lardy, Emerson, 1976, table I and notes to table I.
1950/74:	BBC, FE/W845/A/2, 24 September 1975.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1957/58:	*Kwang-si jih-pao, (Kwangsi Daily)*, 4 October 1959.
1959/77:	FBIS, 10 January 1978, H5.
1964/65:	BBC, FE/W340/A/37, 10 November 1965.
1965/66:	*SCMP*, No. 3801, 14 October 1966, p. 15.
1965/70:	*SCMP*, No. 4848, 2 March 1971, p. 70.
1965/72:	FBIS, 17 October 1973, D4.
1965/74:	FBIS, 14 April 1975, H3.
1965/75:	FBIS, 16 November 1976, H7.
1965/76:	FBIS, 4 May 1977, H4.
1969/70:	FBIS, 11 February 1971, D4.
1969/74:	BBC, FE/W823/A/4, 23 April 1975.
1970/71:	FBIS, 6 January 1972, D15.
1970/76:	FBIS, 12 December 1977, H3.
1971/72:	FBIS, 13 February 1973, D1.
1972/73:	*JPRS*, No. 61,103, 30 January 1974, p. 13.
1973/74:	FBIS, 5 December 1974, H4.
1976/77:	BBC, FE/W965/A/5, 1 February 1978.

TABLE A-15

KWANGTUNG PROVINCE

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
1952										
REPORTED	2.0173 1									
ESTIMATED	2.0173									
1957										
REPORTED	0.0	2.1845 1								
ESTIMATED	4.4068	2.1845								
1964										
REPORTED	8.0000 1	0.0	0.0							
ESTIMATED	7.9127	3.9224	1.7956							
1965										
REPORTED	0.0	0.0	0.0	1.2200 1 (12)						
ESTIMATED	9.5482	4.7332	2.1667	1.2067						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.2000 1 (12)					
ESTIMATED	11.4584	5.6801	2.6002	1.4481	1.2001					
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	9.6870	4.8020	2.1982	1.2242	1.0145	0.8454				
1969										
REPORTED	13.0000 1	0.0	0.0	0.0	0.0	1.1470 1A	1.3800 1 (12)			
ESTIMATED	13.1434	6.5153	2.9825	1.6610	1.3765	1.1471	1.3568			
1970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1860 1 (9)		
ESTIMATED	15.4959	7.6815	3.5164	1.9584	1.6229	1.3524	1.5997	1.1790		
1971										
REPORTED	0.0	0.0	0.0	0.0	1.7000 1	0.0	0.0	0.0	1.0600 1 (12)	
ESTIMATED	16.3285	8.0942	3.7053	2.0636	1.7101	1.4250	1.6856	1.2423	1.0537	
1972										
REPORTED	0.0	0.0	0.0	0.0	1.8200 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	17.3570	8.6041	3.9387	2.1936	1.8178	1.5148	1.7918	1.3206	1.1201	1.0630
1973										
REPORTED	0.0	0.0	0.0	0.0	2.0000 0B	0.0	0.0	0.0	0.0	0.0
ESTIMATED	19.7113	9.7711	4.4729	2.4911	2.0644	1.7203	2.0348	1.4997	1.2720	1.2072
1974										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	21.2254	10.5217	4.8165	2.6824	2.2230	1.8524	2.1911	1.6149	1.3697	1.2999
1975										
REPORTED	0.0	0.0	0.0	0.0	2.6174 1C	0.0	0.0	0.0	0.0	0.0
ESTIMATED	24.6008	12.1949	5.5825	3.1090	2.5765	2.1470	2.5396	1.8717	1.5876	1.5066
1976										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	2.6220 1	0.0	0.0	0.0
ESTIMATED	25.8335	12.8060	5.8622	3.2648	2.7056	2.2546	2.6668	1.9855	1.6671	1.5821
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	27.9002	13.8305	6.3312	3.5260	2.9220	2.4349	2.8802	2.1228	1.8005	1.7087

	1972	1973	1974	1975	1976
1973					
REPORTED	1.1370 1 (12)				
ESTIMATED	1.1356				
1974					
REPORTED	0.0	1.0740 1 (12)			
ESTIMATED	1.2229	1.0768			
1975					
REPORTED	0.0	0.0	1.1560 1 (12)		
ESTIMATED	1.4173	1.2481	1.1590		
1976					
REPORTED	0.0	1.3156 1	0.0	1.0640 1 (12)	
ESTIMATED	1.4884	1.3106	1.2171	1.0501	
1977					
REPORTED	0.0	0.0	0.0	0.0	1.0800 1 (12)
ESTIMATED	1.6074	1.4154	1.3145	1.1341	1.0800

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
VALUE	0.810	1.634	3.570	6.410	7.735	9.283	7.848	10.648	12.553	13.228

	1972	1973	1974	1975	1976	1977
VALUE	14.061	15.968	17.195	19.929	20.928	22.602

A. FIRST 6 MONTHS OF 1969 OVER THE CORRESPONDING PERIOD OF 1966.
b. MORE THAN TWO TIMES THAT OF 1965.
c. DERIVED FROM THE REPORTED ANNUAL RATE OF 10.1 PERCENT.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/64:	*Nan-Fang jih-pao (Southern Daily)*, 28 December 1964.
1949/69:	BBC, FE/W540/A/12, 8 October 1969.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1964/65:	BBC, FE/W365/A/1, 11 May 1966.
1965/66:	*News From Chinese Provincial Radio Stations*, No. 189, 5 January 1967, p. 41.
1965/71:	*JPRS*, No. 63,200, 15 October 1974, p. 32.
1965/72:	FBIS, 25 June 1973, D2.
1965/73:	FBIS, 31 January 1974, D8.
1965/75:	FBIS, 2 June 1976, H7.
1966/69:	FBIS, 22 August 1969, D1.
1968/69:	FBIS, 6 January 1970, D3.
1968/76:	FBIS, 28 December 1977, H4.
1969/70:	FBIS, 13 October 1970, D4.
1970/71:	FBIS, 10 January 1972, D5.
1972/73:	FBIS, 31 January 1974, D8.
1973/74:	*Chien-ch'ih tang-ti chi-pen lu-hsien tsai tou-cheng chung hsueh ta-ching (Uphold the Basic Party Line in the Movement to Learn from Taching)*, Peking, 1977, p. 67.
1973/76:	*Ibid.*
1974/75:	*Ibid.*
1975/76:	*Ibid.*
1976/77:	FBIS, 17 January 1978, H3.

TABLE A-16

KWEICHOW PROVINCE

	1949	1952	1957	1965	1966	1973	1974	1975	1976	
1952										
REPORTED	1.5824 1									
ESTIMATED	1.5824									
1957										
REPORTED	0.0	2.2491 1								
ESTIMATED	3.5590	2.2491								
1965										
REPORTED	0.0	0.0	0.0							
ESTIMATED	10.2857	6.5001	2.8901							
1966										
REPORTED	0.0	0.0	0.0	1.2960 1 (6)						
ESTIMATED	13.3303	8.4241	3.7455	1.2960						
1973										
REPORTED	0.0	0.0	0.0	2.0000 1	0.0					
ESTIMATED	20.5714	13.0001	5.7802	2.0000	1.5432					
1974										
REPORTED	20.0000 1	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	20.0000	12.6390	5.6196	1.9444	1.5003	0.9722				
1975										
REPORTED	0.0	0.0	0.0	2.8000 1	0.0	0.0	1.4400 1 (12)			
ESTIMATED	28.8000	18.2002	8.0922	2.8000	2.1605	1.4000	1.4400			
1976										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8775 1A(12)		
ESTIMATED	25.2720	15.9707	7.1009	2.4570	1.8958	1.2285	1.2636	0.8775		
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3100 1	0.0	
ESTIMATED	37.7280	23.8423	10.6006	3.6680	2.8302	1.8340	1.8864	1.3100	1.4929	

	1949	1952	1957	1965	1966	1973	1974	1975	1976	1977
VALUE	0.158	0.250	0.562	1.624	2.105	3.248	3.158	4.548	3.991	5.958

A. DERIVED FROM THE STATEMENT THAT THE 1977 PLAN WAS FULFILLED 50 DAYS AHEAD OF SCHEDULE AND THAT OUTPUT INCREASED 8.2 PERCENT AND 23.3 PERCENT OVER THAT OF 1975 AND 1976, RESPECTIVELY.

Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/74:	*Great Changes*, p. 267.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1965/66:	BBC, FE/W378/A/1, 10 August 1971.
1965/73:	FBIS, 10 January 1974, E2.
1965/75:	*CKHW*, Hong Kong, 31 March 1976.
1974/75:	*Ibid.*
1975/76:	China News Service, Kweiyang, 19 November 1977.
1975/77:	FBIS, 2 March 1978, J1.

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TABLE A-17

LIAONING PROVINCE

	1949	1952	1957	1965	1966	1968	1969	1970	1971	1972
'952										
REPORTED	3.4187 1									
ESTIMATED	3.4187									
'957										
REPORTED	0.0	2.5890 1								
ESTIMATED	8.8510	2.5890								
'965										
REPORTED	0.0	0.0	0.0							
ESTIMATED	16.5991	4.8554	1.8754							
966										
REPORTED	0.0	0.0	0.0	0.0						
ESTIMATED	18.9577	5.5453	2.1419	1.1421						
'968										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	19.2537	4.1693	1.6104	0.8587	0.7519					
'969										
REPORTED	0.0	0.0	0.0	0.0	0.0	1.4800 1A(1)				
ESTIMATED	21.0955	6.1706	2.3834	1.2709	1.1128	1.4800				
'970										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.2170 1 (12)			
ESTIMATED	25.6733	7.5097	2.9006	1.5467	1.3642	1.8012	1.2170			
'971										
REPORTED	0.0	0.0	0.0	0.0	1.5200 1	0.0	0.0	1.1224 1 (12)		
ESTIMATED	28.8157	8.4288	3.2556	1.7360	1.5200	2.0216	1.3660	1.1224		
'972										
REPORTED	0.0	0.0	0.0	1.8400 1	0.0	0.0	0.0	0.0	1.0580 1 (11)	
ESTIMATED	30.4870	8.9177	3.4445	1.8367	1.6082	2.1389	1.4452	1.1875	1.0580	
'973										
REPORTED	33.0000 1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0960 1 (12)
ESTIMATED	33.3531	9.7561	3.7683	2.0093	1.7593	2.3400	1.5811	1.2991	1.1575	1.0940
'974										
REPORTED	36.0000 1	0.0	0.0	2.1600 1	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	35.7687	10.4627	4.0412	2.1549	1.8868	2.5094	1.6956	1.3932	1.2413	1.2732
'975										
REPORTED	38.5000 1	0.0	0.0	2.3000 1	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	38.3387	11.2144	4.3316	2.3097	2.0223	2.6897	1.8174	1.4933	1.3305	1.2575

	1973	1974
'974		
REPORTED	1.0630 1 (12)	
ESTIMATED	1.0724	
'975		
REPORTED	0.0	0.0
ESTIMATED	1.1495	1.0718

	1949	1952	1957	1965	1966	1968	1969	1970	1971	1972
VALUE	1.159	3.893	10.078	18.900	21.586	16.230	24.020	29.232	32.810	34.713

	1973	1974	1975
VALUE	37.977	40.727	43.653

A. FIRST 11 MONTHS OF 1969 OVER ALL OF 1968.
B. MORE THAN 33 TIMES THAT OF 1949.

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Sources for Table on Facing Page

1949/57:	Field, Lardy, Emerson, 1967, table I.
1949/73:	FBIS, 24 September 1974, E1.
1949/74:	*Great Changes*, p. 57.
1949/75:	FBIS, 6 October 1976, L6.
1952/57:	Field, Lardy, Emerson, 1967, table I.
1965/72:	FBIS, 19 July 1973, G2.
1965/74:	BBC, FE/W809/A/15, 15 January 1975.
1965/75:	FBIS, 6 October 1976, L6.
1966/71:	FBIS, 19 July 1971, G5.
1968/69:	FBIS, 21 January 1970, G1.
1969/70:	FBIS, 18 January 1971, G2.
1970/71:	FBIS, 19 July 1972, G5.
1971/72:	FBIS, 5 January 1973, G6.
1972/73:	FBIS, 8 January 1974, B9.
1973/74:	BBC, FE/W809/A/15, 15 January 1975.

TABLE A-18

NINGSIA AUTONOMOUS REGION

	1949	1952	1957	1963	1965	1966	1972	1973	1974
1952									
REPORTED	1.8244 1								
ESTIMATED	1.8244								
1957									
REPORTED	0.0	2.5481 1							
ESTIMATED	4.6488	2.5481							
1963									
REPORTED	12.0000 1	0.0	0.0						
ESTIMATED	12.0000	6.5775	2.5813						
1965									
REPORTED	0.0	0.0	0.0	0.0					
ESTIMATED	15.4378	8.4618	3.3208	1.2865					
1966									
REPORTED	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	17.3675	9.5196	3.7359	1.4473	1.1250				
1972									
REPORTED	0.0	0.0	0.0	0.0	4.0000 1	0.0			
ESTIMATED	61.7511	33.8474	13.2834	5.1459	4.0000	3.5556			
1973									
REPORTED	0.0	0.0	0.0	0.0	0.0	4.0000 1A	1.1250 1 (11)		
ESTIMATED	69.4700	38.0783	14.9438	5.7892	4.5000	4.0000	1.1250		
1974									
REPORTED	74.0000 1	0.0	0.0	0.0	4.6000 1	0.0	0.0	0.0	
ESTIMATED	72.4915	39.7345	15.5938	6.0410	4.6957	4.1740	1.1739	1.0435	
1975									
REPORTED	84.0000 1	0.0	0.0	0.0	5.6700 1B	0.0	0.0	0.0	0.0
ESTIMATED	85.7479	47.0006	18.4454	7.1457	5.5544	4.9373	1.3886	1.2343	1.1829

	1949	1952	1957	1963	1965	1966	1972	1973	1974	1975
VALUE	0.005	0.009	0.023	0.059	0.076	0.086	0.306	0.344	0.359	0.424

A. MORE THAN FOUR TIMES THAT OF 1966.
B. REPORTED TO HAVE INCREASED 5.67 TIMES OVER THAT OF 1965, BUT ONLY FITS WITH OTHER DATA IF IT WAS 5.67 TIMES THAT OF 1965.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1969, table I.
1949/63:	*CKHW*, 14 April 1964.
1949/74:	*Great Changes*, p. 220.
1949/75:	FBIS, 26 January 1976, M2.
1952/57:	Field, Lardy, Emerson, 1969, table I.
1965/72:	FBIS, 19 September 1973, H6.
1965/74:	NCNA-Yinchwan, 18 May 1975.
1965/75:	FBIS, 26 January 1976, M2.
1966/73:	FBIS, 18 September 1974, M1.
1972/73:	FBIS, 8 January 1974, B9.

TABLE A-19

PEKING MUNICIPALITY

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
1952										
REPORTED	4.2059 1									
ESTIMATED	4.2059									
1957										
REPORTED	0.0	3.2266 1								
ESTIMATED	13.5708	3.2266								
1964										
REPORTED	0.0	0.0	0.0							
ESTIMATED	30.5755	7.2697	2.2530							
1965										
REPORTED	0.0	0.0	0.0	1.1840 1 (6)						
ESTIMATED	36.2013	8.6073	2.6676	1.1840						
1966										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	43.7324	10.3979	3.2225	1.4303	1.2080					
1968										
REPORTED	41.0000 1	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	41.0000	9.7482	3.0212	1.3409	1.1326	0.9375				
1969										
REPORTED	0.0	0.0	0.0	0.0	1.6200 1	1.3400 1	0.0			
ESTIMATED	58.6014	13.9331	4.3182	1.9166	1.6188	1.3400	1.4293			
1970										
REPORTED	0.0	0.0	0.0	0.0	2.0000 0	0.0	0.0	1.3330 1 (12)		
ESTIMATED	76.0561	18.5587	5.7518	2.5529	2.1562	1.7849	1.9038	1.3320		
1971										
REPORTED	93.0000 1	0.0	0.0	0.0	2.6000 1	0.0	0.0	0.0	1.2000 1 (11)	
ESTIMATED	93.5958	22.2535	6.8969	3.0611	2.5854	2.1402	2.2826	1.5972	1.1991	
1972										
REPORTED	0.0	0.0	0.0	0.0	2.8000 1	0.0	0.0	0.0	0.0	0.8
ESTIMATED	101.3638	24.1004	7.4693	3.3152	2.8000	2.3176	2.4723	1.7297	1.2986	1.0830
1973										
REPORTED	110.0000 1	0.0	0.0	0.0	3.0000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	109.2998	25.9873	8.0541	3.5748	3.0192	2.4993	2.6658	1.8651	1.4003	1.1678
1974										
REPORTED	120.0000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	120.0000	26.5313	8.8425	3.9247	3.3148	2.7440	2.9268	2.0477	1.5374	1.2821
1975										
REPORTED	0.0	0.0	0.0	0.0	3.5000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	126.7047	30.1255	9.3366	4.1440	3.5000	2.8973	3.0904	2.1621	1.6233	1.3537
1976										
REPORTED	0.0	0.0	0.0	0.0	3.6000 1	0.0	0.0	0.0	0.0	0.8
ESTIMATED	130.3248	30.9862	9.6034	4.2624	3.6000	2.9801	3.1787	2.2239	1.6696	1.3924
1977										
REPORTED	0.0	0.0	0.0	0.0	3.7000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	133.9450	31.8469	9.8701	4.3808	3.7000	3.0628	3.2670	2.2857	1.7160	1.4311

	1972	1973	1974	1975	1976
1973					
REPORTED	0.0				
ESTIMATED	1.0783				
1974					
REPORTED	0.0	0.0			
ESTIMATED	1.1839	1.0979			
1975					
REPORTED	0.0	0.0	0.0		
ESTIMATED	1.2500	1.1592	1.0559		
1976					
REPORTED	0.0	0.0	0.0	0.0	
ESTIMATED	1.2657	1.1924	1.0860	1.0286	
1977					
REPORTED	0.0	0.0	0.0	0.0	0.0
ESTIMATED	1.3214	1.2255	1.1162	1.0571	1.0278

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
VALUE	0.155	0.651	2.100	4.731	5.602	6.767	6.345	9.068	12.079	14.483

	1972	1973	1974	1975	1976	1977
VALUE	15.685	16.914	18.569	17.607	20.167	20.727

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/68:	*World Atlas*, 1972.
1949/71:	*Peking Review*, No. 41, 13 October 1972, p. 14.
1949/73:	FBIS, 4 October 1974, K2.
1949/74:	BBC, FE/W822/A/12, 16 April 1975.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1964/65:	*JPRS*, No. 32,205, 30 September 1965, p. 12.
1965/69:	FBIS, 31 December 1969, Fl.
1965/70:	FBIS, 6 January 1971, Fl.
1965/71:	*Peking Review*, No. 41,. 13 October 1972, p. 14.
1965/72:	FBIS, 19 March 1973, B3.
1965/73:	FBIS, 3 January 1974, B16.
1965/75:	FBIS, 1 June 1967, K4.
1965/76:	FBIS, 11 May 1977, E22.
1965/77:	FBIS, 15 December 1977, Kl.
1966/69:	FBIS, 31 December 1969, Fl.
1969/70:	FBIS, 6 January 1971, Fl.
1970/71:	FBIS, 22 December 1971, Fl.

TABLE A-20

SHANGHAI MUNICIPALITY

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
1952										
REPORTED	1.9547 1									
ESTIMATED	1.9547									
1957										
REPORTED	0.0	1.9882 1								
ESTIMATED	3.8863	1.9882								
1964										
REPORTED	0.0	0.0	0.0							
ESTIMATED	6.5827	3.3676	1.6938							
1965										
REPORTED	0.0	0.0	0.0	0.0						
ESTIMATED	8.2358	4.2134	2.1192	1.2511						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.1500 1 (9)					
ESTIMATED	9.4712	4.8454	2.4371	1.4388	1.1500					
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	10.0694	5.1514	2.5910	1.5297	1.2226	1.0632				
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.1500 1 (12)			
ESTIMATED	11.5798	5.9241	2.9796	1.7591	1.4060	1.2226	1.1500			
1970										
REPORTED	0.0	0.0	0.0	0.0	1.6000 1	0.0	0.0	1.1480 1 (12)		
ESTIMATED	13.2936	6.8009	3.4206	2.0195	1.6141	1.4036	1.3202	1.1480		
1971										
REPORTED	14.5000 1	0.0	0.0	0.0	1.7800 1	0.0	0.0	0.0	1.0890 1 (12)	
ESTIMATED	14.6045	7.4715	3.7579	2.2186	1.7733	1.5420	1.4504	1.2612	1.0986	
1972										
REPORTED	16.0000 1	0.0	0.0	0.0	1.9090 1	0.0	0.0	0.0	0.0	1.0660 1 (8)
ESTIMATED	15.7594	8.0623	4.0551	2.3941	1.9135	1.6639	1.5651	1.3609	1.1855	1.0791
1973										
REPORTED	17.0000 1	0.0	0.0	0.0	2.0000 0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	17.0101	8.7021	4.3769	2.5841	2.0654	1.7960	1.6893	1.4689	1.2796	1.1647
1974										
REPORTED	18.0000 1	0.0	0.0	2.7387 1A	2.2000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	18.0281	9.2229	4.6388	2.7387	2.1890	1.9035	1.7904	1.5569	1.3561	1.2344
1975										
REPORTED	19.0000 1	0.0	0.0	0.0	2.3243 18	0.0	0.0	0.0	0.0	0.0
ESTIMATED	19.0976	9.7701	4.9140	2.9012	2.3188	2.0164	1.8966	1.6492	1.4366	1.3076
1976										
REPORTED	19.3000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	19.3134	9.8805	4.9696	2.9340	2.3450	2.0392	1.9180	1.6678	1.4528	1.3224
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	20.9743	10.7302	5.3969	3.1863	2.5467	2.2145	2.0830	1.8113	1.5778	1.4362

	1972	1973	1974	1975	1976
1973					
REPORTED	1.0800 1 (12)				
ESTIMATED	1.0794				
1974					
REPORTED	0.0	0.0			
ESTIMATED	1.1440	1.0598			
1975					
REPORTED	0.0	0.0	1.0630 1 (12)		
ESTIMATED	1.2118	1.1227	1.0593		
1976					
REPORTED	0.0	0.0	0.0	1.0120 1 (12)	
ESTIMATED	1.2255	1.1354	1.0713	1.0113	
1977					
REPORTED	0.0	0.0	0.0	0.0	1.0860 1 (12)
ESTIMATED	1.3309	1.2331	1.1634	1.0983	1.0860

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
VALUE	2.934	5.735	11.402	19.313	24.163	27.787	29.542	33.974	39.002	42.848

	1972	1973	1974	1975	1976	1977
VALUE	46.236	49.905	52.892	56.030	58.663	61.536

A. DERIVED FROM THE REPORTED ANNUAL RATE OF 10.6 PERCENT.
B. DERIVED FROM THE REPORTED ANNUAL RATE OF 6.8 PERCENT.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/71:	*China Reconstructs*, July 1972, p. 6.
1949/72:	*China's Foreign Trade*, No. 1, 1974, p. 10.
1949/73:	FBIS, 9 October 1974, G5.
1949/74:	*Great Changes*, p. 104.
1949/75:	FBIS, 5 October 1976, G6.
1949/76:	FBIS, 8 December 1977, E5.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1964/74:	FBIS, 2 May 1975, G8.
1965/66:	BBC, FE/W388/A/24, 19 October 1966.
1965/70:	FBIS, 19 January 1971, C1.
1965/71:	*China Reconstructs*, July 1972, p. 6.
1965/72:	FBIS, 27 August 1973, C7.
1965/73:	FBIS, 25 April 1974, G3.
1965/74:	*Great Changes*, p. 104.
1965/75:	FBIS, 5 October 1976, G6.
1968/69:	FBIS, 7 January 1970, C13.
1969/70:	FBIS, 8 December 1977, E7.
1970/71:	BBC, FE/W661/A/14, 23 February 1972.
1971/72:	FBIS, 5 October 1972, C5.
1972/73:	FBIS, 8 January 1974, C4.
1974/75:	A traveler's report.
1975/76:	*Ibid*.
1976/77:	FBIS, 23 January 1977, G4.

TABLE A-21

SHANSI PROVINCE

	1949	1952	1957
1952			
REPORTED	2.9495 1		
ESTIMATED	2.9495		
1957			
REPORTED	0.0	2.8491 1	
ESTIMATED	8.4034	2.8491	
1974			
REPORTED	32.0000 1	0.0	0.0
ESTIMATED	32.0000	10.8493	3.8080

	1949	1952	1957	1974
VALUE	0.196	0.577	1.645	6.264

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/74:	*Great Changes*, p. 37.
1952/57:	Field, Lardy, Emerson, 1976 table I.

TABLE A-22

SHANTUNG PROVINCE

	1949	1952	1957	1965	1969	1970	1971	1972	1973	1974
1952										
REPORTED	2.2127 1									
ESTIMATED	2.2127									
1957										
REPORTED	0.0	1.9455 1								
ESTIMATED	4.3048	1.9455								
1965										
REPORTED	0.0	0.0	0.0							
ESTIMATED	7.3015	3.2998	1.6961							
1969										
REPORTED	10.8700 1	0.0	0.0	0.0						
ESTIMATED	10.8700	4.9126	2.5251	1.4887						
1970										
REPORTED	0.0	0.0	0.0	2.0000 0	1.3670 1 (11)					
ESTIMATED	14.8593	6.7155	3.4518	2.0351	1.3670					
1971										
REPORTED	0.0	0.0	0.0	2.3200 1	0.0	1.1400 1 (12)				
ESTIMATED	16.9396	7.6556	3.9350	2.3200	1.5584	1.1400				
1972										
REPORTED	0.0	0.0	0.0	2.5400 1	0.0	0.0	0.0			
ESTIMATED	18.5459	8.3816	4.3082	2.5400	1.7062	1.2481	1.0948			
1973										
REPORTED	0.0	0.0	0.0	0.0	1.7612 1A	0.0	0.0	0.0		
ESTIMATED	19.1442	8.6520	4.4472	2.6219	1.7612	1.2884	1.1301	1.0323		
1974										
REPORTED	0.0	0.0	0.0	3.3000 1	0.0	0.0	0.0	0.0	0.0	
ESTIMATED	24.0951	10.8895	5.5973	3.3000	2.2167	1.6216	1.4224	1.2992	1.2586	
1975										
REPORTED	0.0	0.0	0.0	3.4000 1	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	24.7547	11.1876	5.7505	3.3903	2.2773	1.6659	1.4614	1.3348	1.2931	1.0274
1976										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	29.3250	13.2530	6.8122	4.0163	2.6978	1.9735	1.7312	1.5812	1.5318	1.2171
1977										
REPORTED	0.0	0.0	0.0	4.9000 1	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	35.8795	16.2153	8.3348	4.9140	3.3008	2.4146	2.1181	1.9346	1.8742	1.6891

	1975	1976
1976		
REPORTED	1.1880 1 (12)	
ESTIMATED	1.1846	
1977		
REPORTED	0.0	1.2270 1 (11)
ESTIMATED	1.4494	1.2235

	1949	1952	1957	1965	1969	1970	1971	1972	1973	1974
VALUE	0.846	1.871	3.640	6.174	9.191	12.565	14.324	15.682	16.188	20.374

	1975	1976	1977
VALUE	20.932	24.796	30.339

A. DERIVED FROM THE REPORTED ANNUAL RATE OF 15.2 PERCENT.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/69:	BBC, FE/W542/A7, 22 October 1969.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1965/70:	FBIS, 9 April 1971, C2.
1965/71:	FBIS, 4 May 1972, C5.
1965/72:	FBIS, 3 July 1973, C8.
1965/74:	FBIS, 25 March 1976, G6.
1965/75:	FBIS, 20 May 1976, G15.
1965/77:	Tsinan Provincial Service 1 December 1977.
1969/70:	FBIS, 6 January 1971, C6.
1969/73:	FBIS, 11 May 1977, E12.
1970/71:	FBIS, 18 January 1972, C1.
1975/76:	FBIS, 18 February 1977, G7.
1976/77:	Tsinan Provincial Service, 7 December 1977.

TABLE A-23

SHENSI PROVINCE

	1949	1952	1957	1964	1965	1966	1970	1971	1972	1973
1952										
REPORTED	1.2492 1									
ESTIMATED	1.2492									
1957										
REPORTED	0.0	3.3150 1								
ESTIMATED	4.1411	3.3150								
1964										
REPORTED	0.0	0.0	0.0							
ESTIMATED	7.6131	6.0944	1.8384							
1965										
REPORTED	0.0	0.0	0.0	1.3900 1 (11)						
ESTIMATED	10.5822	8.4712	2.5554	1.3900						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.4000 1 (8)					
ESTIMATED	15.1215	12.1050	3.6516	1.9863	1.4290					
1970										
REPORTED	0.0	0.0	0.0	0.0	2.0000 1	1.4000 1				
ESTIMATED	21.6080	17.2975	5.2179	2.8383	2.0419	1.4290				
1971										
REPORTED	0.0	0.0	0.0	0.0	2.5000 1	0.0	1.1120 1 (12)			
ESTIMATED	25.0393	20.0443	6.0465	3.2890	2.3662	1.6559	1.1588			
1972										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1380 1 (7)		
ESTIMATED	28.1043	22.4978	6.7867	3.6916	2.6558	1.8586	1.3006	1.1224		
1973										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1290 1 (10)	
ESTIMATED	31.2950	25.0520	7.5572	4.1107	2.9573	2.0696	1.4483	1.2498	1.1135	
1974										
REPORTED	23.8000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	23.8000	19.0522	5.7473	3.1262	2.2491	1.5739	1.1014	0.9505	0.8468	0.7605
1975										
REPORTED	0.0	0.0	0.0	0.0	2.4556 1A	0.0	0.0	0.0	0.0	0.0
ESTIMATED	26.3466	21.0908	6.3622	3.4607	2.4897	1.7423	1.2193	1.0522	0.9375	0.8419
1976										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	28.9270	23.1564	6.9853	3.7996	2.7336	1.9130	1.3367	1.1553	1.0293	0.9243
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0740 1B
ESTIMATED	33.1503	26.5373	8.0052	4.3544	3.1327	2.1923	1.5342	1.3239	1.1795	1.0593

	1974	1975	1976
1975			
REPORTED	1.1070 1 (12)		
ESTIMATED	1.1070		
1976			
REPORTED	0.0	0.0	
ESTIMATED	1.2154	1.0979	
1977			
REPORTED	0.0	1.2410 1C	1.1460 1 (12)
ESTIMATED	1.3929	1.2562	1.1460

	1949	1952	1957	1964	1965	1966	1970	1971	1972	1973
VALUE	0.274	0.342	1.134	2.085	2.898	4.141	5.917	6.857	7.696	8.570

	1974	1975	1976	1977
VALUE	6.517	7.215	7.921	9.078

A. DERIVED FROM THE REPORTED ANNUAL RATE OF 9.4 PERCENT.
B. THE FIRST TEN MONTHS OVER THE CORRESPONDING PERIOD OF 1973.
C. THE FIRST TEN MONTHS OVER THE CORRESPONDING PERIOD OF 1975.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/74:	*Great Changes*, p 233.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1964/65:	BBC, FE/W346/A/14, 22 December 1965.
1965/66:	BBC, FE/W388/A/25, 19 October 1966.
1965/70:	Ross Terrill, "The 800,000,000: Report From China," *The Atlantic Monthly*, November 1971, p. 110.
1965/71:	FBIS, 15 September 1972, H3.
1965/75:	BBC, FE/W866/A/9, 25 February 1976.
1966/70:	*World Atlas*, 1972.
1970/71:	FBIS, 12 January 1972, H8.
1971/72:	FBIS, 15 September 1972, H3.
1972/73:	FBIS, 29 November 1973, H1.
1973/77:	FBIS, 25 November 1977, M1.
1974/75:	FBIS, 31 May 1977, M2.
1975/77:	FBIS, 25 November 1977, M1.
1976/77:	FBIS, 6 February 1978, M9, as corrected.

TABLE A-24

SINKIANG AUTONOMOUS REGION

	1949	1952	1955	1957	1965	1966	1968	1969	1970	1972
1952										
REPORTED	2.0588 2									
ESTIMATED	2.0588									
1955										
REPORTED	0.0	1.7600 2								
ESTIMATED	3.6235	1.7600								
1957										
REPORTED	0.0	0.0	1.4481 1							
ESTIMATED	5.2472	2.5487	1.4481							
1965										
REPORTED	13.0000 1A	0.0	3.0000 0B	0.0						
ESTIMATED	13.0000	6.3144	3.5877	2.4775						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.2570 1 (8)					
ESTIMATED	16.3410	7.9371	4.5097	3.1142	1.2570					
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	15.2455	7.4050	4.2074	2.9055	1.1727	0.9330				
1969										
REPORTED	0.0	0.0	0.0	0.0	1.2900 1	0.0	1.1000 1 (12)			
ESTIMATED	16.7700	8.1455	4.6281	3.1960	1.2900	1.0263	1.1000			
1970										
REPORTED	0.0	0.0	0.0	0.0	1.3250 1	0.0	0.0	0.0		
ESTIMATED	17.2250	8.3665	4.7537	3.2827	1.3250	1.0541	1.1298	1.0271		
1972										
REPORTED	21.0000 1C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ESTIMATED	21.0000	10.2001	5.7955	4.0022	1.6154	1.2851	1.3775	1.2522	1.2192	
1974										
REPORTED	21.0000 1D	0.0	5.0000 0E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	21.0000	10.2001	5.7955	4.0022	1.6154	1.2851	1.3775	1.2522	1.2192	1.0000
1976										
REPORTED	21.0000 0F	0.0	6.0000 1G	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	21.7409	10.5600	6.0000	4.1434	1.6724	1.3305	1.4261	1.2964	1.2622	1.0353
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	24.2890	11.7976	6.7032	4.6290	1.8684	1.4864	1.5932	1.4484	1.4101	1.1566

	1974	1976
1976		
REPORTED	0.0	
ESTIMATED	1.0353	
1977		
REPORTED	0.0	1.1172 1 (12)
ESTIMATED	1.1566	1.1172

	1949	1952	1955	1957	1965	1966	1968	1969	1970	1972
VALUE	0.089	0.182	0.321	0.465	1.152	1.448	1.351	1.486	1.526	1.861

	1974	1976	1977
VALUE	1.861	1.927	2.152

A. MORE THAN 13 TIMES THAT OF 1949.
B. MORE THAN 3 TIMES THAT OF 1955.
C. NEARLY 21 TIMES THAT OF 1949.
D. MORE THAN 21 TIMES THAT OF 1949.
E. NEARLY 5 TIMES THAT OF 1955.
F. MORE THAN 21 TIMES THAT OF 1949.
G. MORE THAN 6 TIMES THAT OF 1949.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/65:	*JMJP*, 8 October 1965.
1949/72:	FBIS, 21 September 1973, H1.
1949/74:	*Hung-ch'i*, No. 10, 1975, p. 23.
1949/76:	*JMJP*, 8 October 1977.
1952/55:	Derived by John Philip Emerson.
1955/57:	*Ibid.*
1955/65:	*JMJP*, 8 October 1965.
1955/74:	*Hung-ch'i*, No. 10, 1975, p. 23.
1955/76:	FBIS, 1 February 1977, M1.
1965/66:	FBIS, 28 September 1966, DDD9.
1965/69:	FBIS, 12 January 1970, H4.
1965/70:	FBIS, 18 May 1971, H2.
1968/69:	FBIS, 12 January 1970, H4.
1976/77:	FBIS, 7 February 1978, M4.

TABLE A-25

SZECHWAN PROVINCE

	1949	1952	1957	1965	1971	1972	1973	1974	1975	1976
1952										
REPORTED	2.1987 1									
ESTIMATED	2.1987									
1957										
REPORTED	0.0	2.9551 1								
ESTIMATED	6.4974	2.9551								
1965										
REPORTED	0.0	0.0	0.0							
ESTIMATED	10.5116	4.7808	1.6178							
1971										
REPORTED	0.0	0.0	0.0	0.0						
ESTIMATED	17.3297	7.8818	2.6672	1.6486						
1972										
REPORTED	0.0	0.0	0.0	0.0	1.0480 1 (5)					
ESTIMATED	18.1615	8.2601	2.7952	1.7278	1.0480					
1973										
REPORTED	20.0000 1A	0.0	0.0	1.8300 1	0.0	1.0800 1 (12)				
ESTIMATED	19.6144	8.9209	3.0188	1.8660	1.1318	1.0800				
1974										
REPORTED	21.0000 1	0.0	0.0	0.0	0.0	0.0	0.0			
ESTIMATED	21.0135	9.5572	3.2342	1.9991	1.2126	1.1570	1.0713			
1975										
REPORTED	26.0000 1	0.0	0.0	2.5700 1	0.0	0.0	0.0	1.2600 1 (5)		
ESTIMATED	26.4941	12.0499	4.0777	2.5205	1.5288	1.4588	1.3507	1.2608		
1976										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ESTIMATED	21.5737	9.8120	3.3204	2.0524	1.2449	1.1879	1.0999	1.0267	0.8143	
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1400 3B	1.4000 1 (10)
ESTIMATED	30.2032	13.7369	4.6485	2.8733	1.7429	1.6630	1.5398	1.4373	1.1400	1.4000

	1949	1952	1957	1965	1971	1972	1973	1974	1975	1976
VALUE	0.659	1.449	4.283	6.929	11.424	11.972	12.930	13.852	17.465	14.221

	1977
VALUE	19.910

A. MORE THAN 20 TIMES THAT OF 1949.
B. ESTIMATED BY REGRESSING THE LOGARITHS OF THE GVIO FOR 1971-1975 AGAINST TIME

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/73:	*JPRS*, No. 64,466, 2 April 1975, p. 10.
1949/74:	*Great Changes*, p. 257.
1949/75:	FBIS, 31 March 1976, J1.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1965/73:	FBIS, 19 August 1974, J2.
1965/75:	FBIS, 31 March 1976, J1.
1971/72:	FBIS, 19 October 1972, E2.
1972/73:	*China Trade Report*, March 1974, p. 13.
1974/75:	FBIS, 16 June 1975, J1.
1976/77:	FBIS, 2 December 1977, J5.

TABLE A-26

TIBET AUTONOMOUS REGION

	1957	1958	1965	1967	1968	1971	1972	1973	1974	1975
1958										
REPORTED	1.1000	1A(12)								
ESTIMATED	1.1000									
1965										
REPORTED	0.0	0.0								
ESTIMATED	2.8763	2.6166								
1967										
REPORTED	0.0	0.0	0.0							
ESTIMATED	2.7793	2.5267	0.9656							
1968										
REPORTED	0.0	0.0	0.0	0.0						
ESTIMATED	4.0873	3.7157	1.4200	1.4706						
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0					
ESTIMATED	5.5350	5.0318	1.9230	1.9915	1.3542					
1972										
REPORTED	0.0	0.0	2.5000 1	0.0	0.0	1.2300 1 (12)				
ESTIMATED	6.8081	6.1891	2.3653	2.4495	1.6657	1.2300				
1973										
REPORTED	0.0	0.0	2.8000 1	0.0	0.0	0.0	1.1390 1 (12)			
ESTIMATED	7.9745	7.2496	2.7706	2.6692	1.9511	1.4407	1.1713			
1974										
REPORTED	0.0	9.0000 1	3.5000 1	0.0	0.0	0.0	0.0	1.2200 1 (12)		
ESTIMATED	9.9000	9.0000	3.4395	3.5620	2.4221	1.7886	1.4542	1.2415		
1975										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ESTIMATED	12.0990	10.9991	4.2035	4.3552	2.9802	2.1859	1.7772	1.5172	1.2221	
1976										
REPORTED	0.0	0.0	4.5000 1	0.0	0.0	0.0	0.0	0.0	0.0	1.0170 1 (12)
ESTIMATED	12.3047	11.1861	4.2750	4.4272	3.0105	2.2231	1.8074	1.5430	1.2429	1.0170
1977										
REPORTED	0.0	0.0	4.8000 1	5.5000 1	3.4000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	13.8967	12.6334	4.8281	5.0000	3.4000	2.5107	2.0412	1.7426	1.4037	1.1466

	1976
1977	
REPORTED	1.1360 1 (12)
ESTIMATED	1.1294

	1957	1958	1965	1967	1968	1971	1972	1973	1974	1975
VALUE	0.009	0.010	0.026	0.025	0.037	0.050	0.061	0.072	0.089	0.109

	1976	1977
VALUE	0.111	0.125

A. ASSUMED TO HAVE GROWN 10 PERCENT, THE AVERAGE ANNUAL RATE OF GROWTH FOR THE YEARS OF 1958-74.

Sources for Table on Facing Page

1957/58:	Assumed.
1958/74:	FBIS, 28 August 1975, J3.
1965/72:	FBIS, 29 August 1973, E3.
1965/73:	FBIS, 24 June 1974, J4.
1965/74:	FBIS, 28 August 1975, J3.
1965/76:	BBC, FE/W952/A/10, 26 October 1977.
1967/77:	NCNA, Peking, 15 February 1978.
1965/77:	FBIS, 12 December 1977, J4.
1968/77:	*Economic Reporter*, No. 1, 1978, p. 9.
1971/72:	FBIS, 2 July 1973, E1.
1972/73:	FBIS, 8 January 1974, B7.
1973/74:	FBIS, 3 January 1975, J6.
1975/76:	BBC, FE/W918/A/9, 2 March 1977.
1976/77:	FBIS, 2 February 1978, J1.

TABLE A-27

TIENTSIN MUNICIPALITY

		1949	1952	1957	1965	1968	1969	1970	1971	1972	1973
1952	REPORTED	2.4777 1									
	ESTIMATED	2.4777									
1957	REPORTED	0.0	2.3420 1								
	ESTIMATED	5.8028	2.3420								
1965	REPORTED	0.0	0.0	0.0							
	ESTIMATED	10.2106	4.1210	1.7596							
1968	REPORTED	0.0	0.0	0.0	0.0						
	ESTIMATED	11.4005	4.6012	1.9647	1.1165						
1969	REPORTED	0.0	0.0	0.0	0.0	1.2800 1 (12)					
	ESTIMATED	14.5927	5.8896	2.5148	1.4292	1.2800					
1970	REPORTED	0.0	0.0	0.0	1.7700 1	0.0	1.2300 1 (11)				
	ESTIMATED	17.9490	7.2442	3.0932	1.7579	1.5744	1.2300				
1971	REPORTED	21.0000 1	0.0	0.0	2.0000 1	0.0	0.0	1.1000 1 (9)			
	ESTIMATED	20.3835	8.2268	3.5127	1.9963	1.7879	1.3968	1.1356			
1972	REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0700 1 (8)		
	ESTIMATED	21.8157	8.8048	3.7595	2.1366	1.9136	1.4950	1.2154	1.0703		
1973	REPORTED	0.0	0.0	0.0	2.3300 1	0.0	0.0	0.0	0.0	1.0900 1 (12)	
	ESTIMATED	23.7848	9.5996	4.0989	2.3294	2.0863	1.6299	1.3251	1.1669	1.0903	
1974	REPORTED	26.0000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ESTIMATED	26.0000	10.4936	4.4806	2.5464	2.2806	1.7817	1.4486	1.2755	1.1918	1.0931
1975	REPORTED	27.0000 1	0.0	0.0	2.7000 1	0.0	0.0	1.6110 1A	0.0	0.0	0.0
	ESTIMATED	27.8166	11.2268	4.7937	2.7243	2.4399	1.9062	1.5498	1.3647	1.2751	1.1695

		1974
1975	REPORTED	0.0
	ESTIMATED	1.0699

	1949	1952	1957	1965	1968	1969	1970	1971	1972	1973
VALUE	0.674	1.670	3.911	6.882	7.684	9.835	12.097	13.738	14.703	16.031

	1974	1975
VALUE	17.524	18.748

A. DERIVED FROM THE REPORTED ANNUAL RATE OF 10 PERCENT.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/71:	FBIS, 14 February 1972, F9.
1949/74:	*Great Changes*, p. 16.
1949/75:	FBIS, 15 October 1975, K4.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1965/70:	*China Trade and Economic Newsletter*, No. 188, June 1971, p. 2.
1965/71:	FBIS, 14 February 1972, F9.
1965/73:	FBIS, 13 February 1974, K1.
1965/75:	FBIS, 18 May 1975, E5.
1968/69:	*Peking Review*, No. 1, 2 January 1970, p. 20.
1969/70:	FBIS, 28 December 1970, F4.
1970/71:	FBIS, 28 October 1971, F1.
1971/75:	FBIS, 24 February 1976, K8.
1971/72:	FBIS, 29 September 1972, F6.
1972/73:	FBIS, 7 January 1974, F3.

TABLE A-28

TSINGHAI PROVINCE

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
1952										
REPORTED	1.5000 1									
ESTIMATED	1.5000									
1957										
REPORTED	0.0	2.8056 1								
ESTIMATED	4.2084	2.8056								
1964										
REPORTED	10.0000 1	0.0	0.0							
ESTIMATED	10.1582	6.7722	2.4138							
1965										
REPORTED	0.0	0.0	0.0	1.2000 1 (8)						
ESTIMATED	12.3828	8.2552	2.9424	1.2190						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.3869 1 (7)					
ESTIMATED	17.1737	11.4491	4.0808	1.6906	1.3869					
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	14.1602	9.4401	3.3647	1.3940	1.1435	0.8245				
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	1.3800 1 (6)			
ESTIMATED	19.5411	13.0274	4.6433	1.9237	1.5781	1.1378	1.3800			
1970										
REPORTED	0.0	0.0	0.0	0.0	2.0000 1	0.0	0.0	1.2860 1 (11)		
ESTIMATED	25.1298	16.7532	5.9713	2.4738	2.0294	1.4633	1.7747	1.2860		
1971										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2667 1 (12)	
ESTIMATED	32.3001	21.5334	7.6752	3.1797	2.6085	1.8808	2.2811	1.6529	1.2853	
1972										
REPORTED	0.0	0.0	0.0	0.0	3.0000 1A	0.0	0.0	0.0	0.0	1.1170 1 (12)
ESTIMATED	36.6099	24.4066	8.6992	3.6040	2.9365	2.1317	2.5854	1.8735	1.4568	1.1334
1973										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	41.5522	27.7015	9.8736	4.0905	3.3556	2.4195	2.9344	2.1264	1.6535	1.2864
1974										
REPORTED	46.0000 1	0.0	0.0	0.0	3.6000 1B	0.0	0.0	0.0	0.0	0.0
ESTIMATED	45.2834	30.1890	10.7602	4.4578	3.6570	2.6368	3.1979	2.3173	1.8020	1.4020
1975										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	49.8118	33.2078	11.8363	4.9036	4.0227	2.9005	3.5177	2.5491	1.9822	1.5422
1976										
REPORTED	0.0	0.0	0.0	6.0000 1C	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	60.9494	40.6330	14.4828	6.0000	4.9221	3.5490	4.3043	3.1190	2.4254	1.8870
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	70.3966	46.9311	16.7276	6.9300	5.6850	4.0991	4.9714	3.6025	2.8013	2.1795

	1972	1973	1974	1975	1976
1973					
REPORTED	1.1350 1 (12)				
ESTIMATED	1.1350				
1974					
REPORTED	0.0	0.0			
ESTIMATED	1.2369	1.0898			
1975					
REPORTED	0.0	0.0	1.1000 1 (12)		
ESTIMATED	1.3606	1.1988	1.1000		
1976					
REPORTED	0.0	0.0	0.0	0.0	
ESTIMATED	1.6648	1.4668	1.3460	1.2236	
1977					
REPORTED	0.0	0.0	0.0	0.0	1.1550 1 (12)
ESTIMATED	1.9229	1.6942	1.5546	1.4133	1.1550

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
VALUE	0.028	0.042	0.117	0.282	0.344	0.477	0.394	0.543	0.699	0.898

	1972	1973	1974	1975	1976	1977
VALUE	1.018	1.155	1.259	1.385	1.694	1.957

A. MORE THAN THREE TIMES THAT OF 1965.
B. REPORTED TO BE 2.6 TIMES THAT OF 1965, BUT ONLY FITS WITH OTHER DATA IF IT INCREASED 2.6 TIMES OVER THAT OF 1965.
C. NEARLY SIX TIMES THAT OF 1964.

Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/64:	*CKHW*, 11 December 1964.
1949/74:	*Great Changes*, p. 226.
1952/57:	Field, Lardy, Emerson, 1976, table I.
1964/65:	FBIS, 7 October 1965, DDD7.
1964/76:	BBC, FE/W939/A/9, 27 July 1977.
1965/66:	BBC, FE/W388/A/23, 19 October 1966.
1965/70:	BBC, FE/W626/A/5, 16 June 1971.
1965/72:	FBIS, 7 August 1973, H1.
1965/74:	FBIS, 28 January 1975, M3.
1968/69:	BBC, FE/W533/A/7, 20 August 1969.
1969/70:	FBIS, 7 January 1971, H4.
1970/71:	BBC, FE/W659/A/15, 9 February 1972.
1971/72:	FBIS, 14 May 1972, F1.
1972/73:	FBIS, 21 January 1974, H1.
1974/75:	FBIS, 6 January 1976, M5.
1976/77:	FBIS, 28 December 1977, M2.

Table A-29

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	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
1952										
REPORTED	1.8500 1									
ESTIMATED	1.8485									
1957										
REPORTED	0.0	3.3063 2								
ESTIMATED	6.1118	3.3063								
1964										
REPORTED	0.0	0.0	0.0							
ESTIMATED	7.4327	4.0209	1.2161							
1965										
REPORTED	0.0	0.0	0.0	1.2500 1 (11)						
ESTIMATED	9.2909	5.0261	1.5202	1.2500						
1966										
REPORTED	0.0	0.0	0.0	0.0	1.2540 1 (8)					
ESTIMATED	11.6508	6.3027	1.9063	1.5675	1.2540					
1968										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0				
ESTIMATED	8.1500	4.4089	1.3335	1.0965	0.8772	0.6995				
1969										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
ESTIMATED	11.8748	6.4239	1.9429	1.5976	1.2781	1.0192	1.4570			
1970										
REPORTED	0.0	0.0	0.0	0.0	1.5800 1	0.0	0.0	1.2000 1A(12)		
ESTIMATED	14.2498	7.7087	2.3315	1.9172	1.5337	1.2231	1.7484	1.2000		
1971										
REPORTED	0.0	8.5000 1	0.0	0.0	0.0	0.0	0.0	0.0	1.1350 1 (9)	
ESTIMATED	15.6999	8.4932	2.5686	2.1123	1.6898	1.3475	1.9264	1.3221	1.1018	
1972										
REPORTED	16.0000 1	0.0	0.0	0.0	2.0000 06	0.0	2.0740 1C	0.0	0.0	1.1100 1 (12)
ESTIMATED	16.9031	9.1441	2.7657	2.2742	1.8193	1.4508	2.0740	1.4234	1.1862	1.0766
1973										
REPORTED	20.0000 1	0.0	0.0	0.0	2.1500 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	19.7454	10.6817	3.2307	2.6566	2.1252	1.6948	2.4227	1.6628	1.3857	1.2577
1974										
REPORTED	21.0000 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	21.0000	11.3604	3.4360	2.8253	2.2603	1.8025	2.5767	1.7684	1.4737	1.3376
1975										
REPORTED	22.2000 1	0.0	0.0	0.0	2.2000 1	0.0	0.0	0.0	0.0	0.0
ESTIMATED	21.3018	11.5237	3.4854	2.8660	2.2928	1.8284	2.6137	1.7939	1.4949	1.3568
1976										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	15.9396	8.6229	2.6080	2.1445	1.7156	1.3681	1.9558	1.3423	1.1186	1.0153
1977										
REPORTED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESTIMATED	23.1125	12.5032	3.7816	3.1096	2.4876	1.9838	2.8359	1.9463	1.6220	1.4721

	1972	1973	1974	1975	1976
1973					
REPORTED	1.1400 1 (11)				
ESTIMATED	1.1682				
1974					
REPORTED	0.0	0.0			
ESTIMATED	1.2424	1.0635			
1975					
REPORTED	0.0	0.0	0.0		
ESTIMATED	1.2602	1.0788	1.0144		
1976					
REPORTED	0.0	0.0	0.0	0.0	
ESTIMATED	0.9430	0.8073	0.7590	0.7483	
1977					
REPORTED	0.0	0.0	0.0	1.0850 10	1.4500 1 (12)
ESTIMATED	1.3673	1.1705	1.1006	1.0850	1.4500

	1949	1952	1957	1964	1965	1966	1968	1969	1970	1971
VALUE	0.162	0.299	0.989	1.203	1.503	1.885	1.319	1.922	2.306	2.541

	1972	1973	1974	1975	1976	1977
VALUE	2.735	3.195	3.398	3.447	2.579	3.740

A. FOR 50 MAJOR ITEMS.
B. NEARLY TWO TIMES THAT OF 1965.
C. DERIVED FROM THE REPORTED ANNUAL RATE OF 20 PERCENT.
D. THE FIRST ELEVEN MONTHS OF 1977 OVER THE CORRESPONDING PERIOD OF 1975.

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Sources for Table on Facing Page

1949/52:	Field, Lardy, Emerson, 1976, table I.
1949/72:	FBIS, 25 June 1973, El.
1949/73:	*JPRS*, No. 64,466, 2 April 1975, A3.
1949/74:	*Great Changes*, p. 271.
1949/75:	*A Brief Introduction to Yunnan.*
1952/57:	Field, Lardy, Emerson, 1976, table I.
1952/71:	*NCNA*, 12 April 1972.
1964/65:	FBIS, 11 January 1966, ddd5.
1965/66:	BBC, FE/W388/A/26, 19 October 1966.
1965/70:	FBIS, 9 June 1971, E2.
1965/72:	FBIS, 25 June 1973, El.
1965/73:	*JPRS*, No. 64,466, 2 April 1975, p. 3.
1965/75:	*A Brief Introduction to Yunnan.*
1968/72:	FBIS, 24 July 1973, El.
1969/70:	BBC, 6 January 1971, A18.
1970/71:	FBIS, 16 November 1971, E6.
1971/72:	FBIS, 15 January 1973, E6.
1972/73:	*JPRS*, No. 61,103, 30 January 1974, p. 13.
1975/77:	FBIS, 21 December 1977, J5.
1976/77:	FBIS, 22 February 1978, J5.