

PROBLEMS

*Soviet Industrial Expansion Under Late Stalinism (1945-55): The Short-Run Dynamic of Civilian Output From Demobilisation to Rearmament**

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The following Tables and Diagram refer to the article published in the last number of the Journal by Mark Harrison and which were not included with the original text.

Table 1
OFFICIAL INDICES OF SOVIET MATERIAL PRODUCTION
1945-55 (1940 = 100)

Year	National income	Gross Industrial production:				Gross Agricultural production		
		Group "A"		Group "B"				
	(per cent change over preceding year in brackets)							
1945	83		112		59		60	
1946	78	(-8)	82	(-27)	67	(14)	68	(13)
1947	94	(21)	101	(23)	82	(22)	87	(28)
1948	116 ^a	(23)	130	(29)	99	(21)	97	(12)
1949	136 ^a	(17)	163	(25)	107	(8)	99	(2)
1950	164	(21)	205	(26)	123	(15)	99	(0)
1951	184	(12)	239	(17)	143	(16)	93	(-6)
1952	204	(11)	268	(12)	158	(11)	101	(9)
1953	224	(10)	299	(12)	177	(12)	104	(3)
1954	251	(12)	340	(14)	200	(13)	109	(5)
1955	281	(12)	390	(15)	217	(9)	121	(11)

Note 2: Estimated by combining indices of gross production of industrial groups 'A' and 'B' and of agriculture with weights 55, 20 and 25 per cent respectively (assuming that other branches of material production moved in line with national income as a whole). This generates an estimate of national income which explains 99.9 per cent of the variation in national income over 1945-5 with a coefficient of 0.99 significant at the 7E-13 per cent level.

Source: Clarke, 1972, pp. 6-11.

Table 2
ESTIMATED COMPONENTS OF SOVIET INDUSTRIAL OUTPUT GROWTH,
1946-55

Year	Basic Goods	Civilian machinery	Consumer durables
Prewar peak (unweighted mean):	1940	1937	1938 ^a
Postwar recovery (unweighted mean):	1948	1949	1949 ^b
Estimated trend growth (per cent per year):	14.2	30.3	24.0
Estimated recovery growth (per cent per year):	6.1 (1946-7)	72.0 (1946) 34.9 (1947-8)	57.6 (1946) 22.8 (1947-9)
Estimated impact of Korean war (per cent per year):	—	-34.3	—
Average deviation of observed from estimated growth (per cent per year):			
1946	1.0	0.0	-2.8
1947	-1.7	5.7	1.8
1948	7.9	6.6	0.1
1949	5.3	7.8	1.7
1950	1.0	9.4	-0.8
1951	-1.3	-2.2	15.3
1952	-2.6	-4.8	-7.2
1953	-3.5	4.8	-2.2
1954	-3.7	-10.7	4.9
1955	-2.4	-16.0	-11.2

Notes and sources: See next page.

a: This is estimated over the first 10 of the 18 series listed in Appendix A (for the other 8 only 1940 output levels are listed in the source).

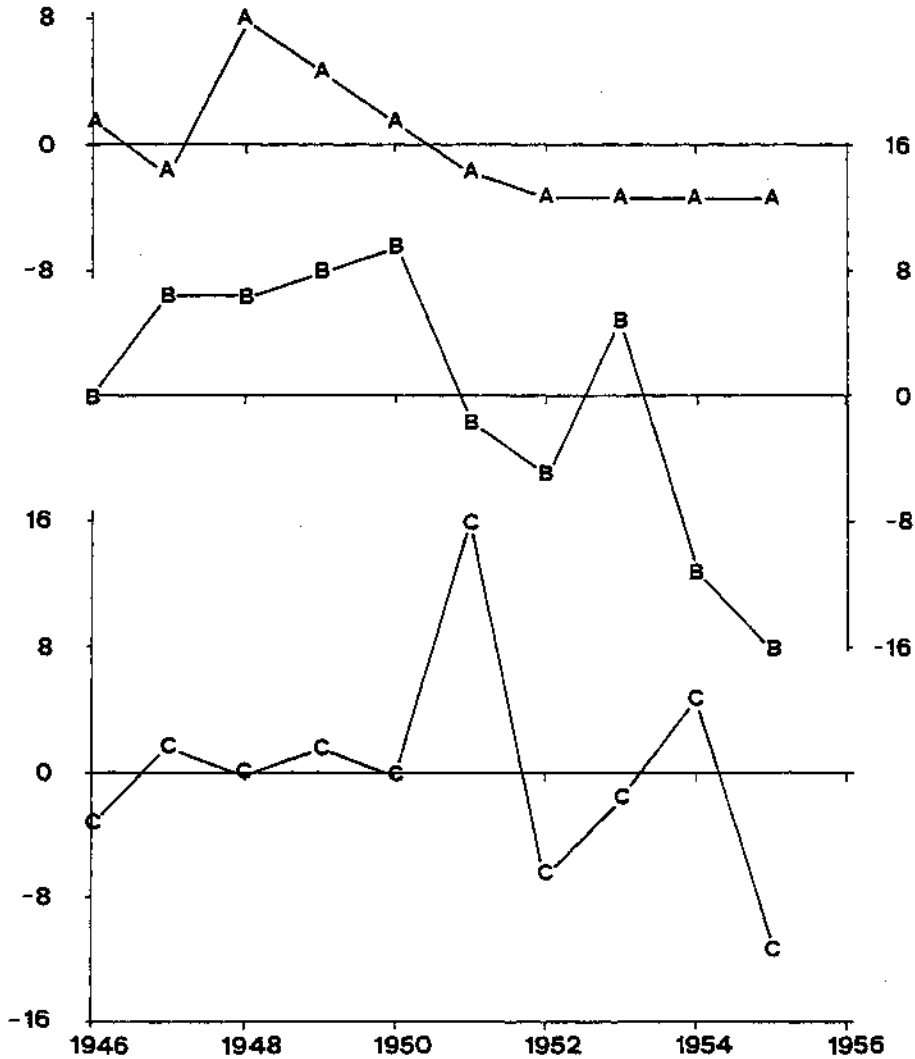
b: The answer is the same whether only the first 10 or all 18 series are used (see note [a]). For the last B series the year of restoration of 1940 output is judged to be the year of recovery.

Source: Taken or computed from Appendices B and C.

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Chart 1
 SOVIET INDUSTRIAL OUTPUT: AVERAGE
 DEVIATIONS FROM PREDICTED GROWTH,
 1946-55 (PER CENT PER YEAR)

A: BASIC GOODS
 B: CIVILIAN MACHINERY
 C: CONSUMER DURABLES



Source: Table 2.

