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Basic Macroeconomic Indicators for USSR and Russia

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Table 1: Income, Expenditure and Savings**1.1 Soviet Union**

Rbns.

	<u>1985</u>	<u>1989</u>	<u>1990</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Oct</u>
GNP	777.0	940.0	1,005.0		784.0*		
PDI	420.1	558.0	655.0	188.3	245.5	319.2**	
Cons. Exp.+	364.5	433.4	522.3	163.0	200.1	246.9	
S/PDI ⁺⁺ (%)	13.2	18.7	20.3	13.4	18.5	22.6	

1.2 Russia

GNP		573	623.1	-	500.0*	-	
PDI			393.0	109.2	147.4	192.2 [#]	77.2
Cons. Exp.			313.4	93.6	125.9	146.7	52.8
S/PDI (%)			20.3	14.3	16.2	23.4	31.6

Source : Goskomstat USSR; Goskomstat RSFSR

+ Includes necessary fees and payments

++ The average saving rate 1985-88 was 14.5%

* Estimate for first six months of the year.

** Excluding the lump-sum compensation on savings deposits of R30.8bn made liquid on 1st July

#Excluding lump-sum deposit compensation which for Russia amounted to R18bn.

Table 2: Monetary Aggregates**2.1 Soviet Union**

Rbns

	<u>1985</u>	<u>1989</u>	<u>1990</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Oct</u>
Currency	70.5	109.5	132.7	125.2	157.8	199.0	211
H/Hold Deps.	218.4	340.5	386.8	407.7	416.8	473.2 ⁺	486
Ent. Deps.	<u>82.5</u>	<u>163.7</u>	<u>210.2</u>	<u>260.0*</u>	<u>328.9</u>		
M2	371.4	613.7	729.7	792.9	934.3		
M2/GNP	0.478	0.653	0.726		0.51 ⁺⁺	0.60	

2.2 Russia

Currency		79.6	73.2	89.4	122.3	130	
H/Hold Deps.		216.0	227.7*	235.0	265.5 ⁺	275.5	
Ent Deps.		<u>126.1*</u>	<u>156.0*</u>	<u>197*</u>			
M2		421.7	456.9	521.4			
M2/GNP		0.68		0.52 ⁺⁺			

Source: Goskomstat USSR; Goskomstat RSFSR

+ Excludes compensation from April price reform (R124bn. for USSR, and R75bn. for Russia), frozen until 1-1-94.

++ Six months GNP on an annual basis.

* Estimate

Table 3: Wages and PricesSoviet Union

	<u>Po⁺</u>	<u>Pu⁺⁺</u>	<u>WPI[#]</u>	<u>Wages^{##}</u>	<u>W/Pu</u>
1985		86.2		190.1	2.21
1988		95.6		219.8	2.30
1989	100.0	100.0	100.0	240.9	2.41
1990 Dec.	110.4	107.8	106.2	270.0*	2.6*
1991 Jan.	120.0	115.5	167.0		
Feb.	127.3	131.8	185.9	300.0	
March	130.7	151.7	198.0		2.28
April	197.0	258.4	215.2		
May	200.4	272.9	222.4	406.0	
June	200.2	290.0	227.6		1.49
July	199.4	294.6	250.0		
Aug.	199.2	315.2	288.8	467.0	
Sept.	201.8	333.6	307.9		1.48
Oct.				540.0	

Source: Goskomstat USSR; Goskomstat RSFSR; Commersant
+ Goskomstat RPI. From Goskomstat USSR and PlanEcon 16/9/91
++ Calculated from information collated by the independent newspaper Commersant on the price of representative consumer bundles. Weighted by distribution data quoted in Commersant, which is consistent with data for RSFSR for 1990.

Goskomstat and PlanEcon (op cit.)

Average monthly payment (roubles) per employee, per enterprise, which includes both wage and non-wage payments

* Annual Average

Table 4: Real Money BalancesSoviet Union

	<u>1985</u>	<u>1989</u>	<u>1990</u>	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>
M2/Pu	75.1	100.0	110.3	85.2	52.5	
H/Hold M2/Pu	74.4	100.0 ⁺	107.1	78.0	44.0	44.8

Source: Tables 2 and 3

+ Household M2 defined as cash and deposits held by the household sector.

Table 5: The Budget Deficit and Money Creation**Soviet Union**

Rbns.

	<u>1985</u>	<u>1989</u>	<u>1990</u>	<u>1991</u> <u>Jan-Jun</u>	<u>Q3</u>
Union Budget	11.2	86.4	63.2	61	28.0
(As % of GNP)	(1.4)	(9.2)	(6.3)	(7.8)	
Republic Budgets	2.7	+5.7	+5.1	63	n/a
	(0.3)	(+0.6)	(+0.5)	(8.0)	
of which :					
Russia				38	38.0 ⁺
(As % of GNP)				(7.6)	-
Other Republics				25	n/a
				(8.8)	
Total Deficit	13.9	80.7	58.1	124	
	(1.7)	(8.6)	(5.8)	(15.8)	
New Credits to Enterprises		-13.5	-26.7	133.9	117.5
		(-1.4)	(-2.7)	(17.1)	
Change in "Money in Settlement".		0.4	44.0	55.6	
		(0.4)	(4.4)	(7.1)	

Source: Ministry of Finance, USSR; Gosbank; Goskomstat USSR

+ Republican Budget only. The Republican budget was in surplus by R7.5bn. for the first half of the year.

Table 6: Foreign Trade**Soviet Union 1991**

Rbns. Calculated at the commercial exchange rate

	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>
Exports	17.9	23.3	18.7
Imports	16.4	19.3	16.4
Balance-of-Trade	1.5	4.0	2.3

Source: Goskomstat USSR

Table 7: Some Useful Comparative Data

We want to compute the Russian GNP in the first quarter of 1992. Our approach is this.

1. We know the following (for the USSR).

		<u>Change Over Previous 3 Months (%)</u>						
		Commerçant	Off.	W/Sale	Incomes	Consu-	Curr-	
		Wages	Prices	Prices	Prices	of Pop.	mption	
							ency	
1991	Q2	35	106	57	20	35	34	22
	Q3	15	16	0	30	30	17	37
	Oct. 22							26

Source: Tables 1,2 and 3.

2. The Finance Ministry estimates of the 4th quarter budget deficit (Union and Russia) are approximately 20% of Russian GNP. M2 is about 200% of quarterly GNP. Therefore the deficit increased M2 by 10% during the quarter.

3. Looking at all this and guessing, we assume that Russian GNP rose by 25% between mid-quarter 3 and mid-quarter 4. We also assume that it rises by a multiple of 3 between mid-quarter 4 and 1992 Q1.

4. To get GNP in 1991 Q3 we note that consumption was R147bn. in Russia and that Consumption/GNP was 0.5 in 1990 and 0.439 in 1991 (H1). PlanEcon forecast that consumption will fall in H2 relative to gross investment and presumably relative to the real budgetary sector. We assume Consumption/GNP as 0.42 in 1991 Q3.

5. Thus we estimate quarterly GNP as

1991	Q3	350 bn.
	Q4	438 bn.
1992	Q1	1,312 bn.