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In return, the Soviet Union obtains important military and strategic benefits: creation and maintenance of the Warsaw Pact military alliance, a buffer of several hundred miles between itself and Western Europe, forward military bases in Eastern Europe and proxy intervention (particularly in the case of East Germany) in Third World countries on behalf of the Soviet Union.

The Soviet Union also obtains political benefits: voting along alliance lines in international forums, informal Eastern European government and media support, and, to some extent, even the support and friendship of certain segments of the East European population. Ideological benefits have occurred primarily through acceptance of the Soviet brand of communist political ideology and its propagation to other countries.

Finally there are also some special economic benefits available to the Soviet Union in return for its trade subsidies: increased economic stability in Comecon, reduced risk of disrupted flow of strategic goods (technologically superior machinery from East Germany and Czechoslovakia) and reduced risk of refusal to purchase Soviet exports for reasons other than their price competitiveness.

## Are They Better Off?

The next question is whether Eastern; Europe is better off for being associated so closely with the Soviet Union. If the Soviet trade subsidies are viewed as "payment". for the loss of East European sovereignty, the answer is probably no. An independent Eastern Europe, free to restructure its internal and external economic relationships, would probably be far more productive. It's is unlikely that the Soviet subsidy makes: up for the low productivity of the current system. Moreover, under the conditions of Soviet "hegemony" in Eastern Burope, there is no reason for the Soviet Union to fully compensate East European countries; for the loss of sovereignty because of the expected high cost of a popular rebellion in : terms of human lives and property.

It is essential that Western policy makers have an accurate understanding of the nature of the economic relationship between Eastern Burope and the Soviet Union in general, and Poland and the Soviet Union in particular. Failure to recognize the extent of Soviet subsidization will only hamper Western efforts to support the Polish people's struggle to overcome their current economic problems and to reduce the degree of Soviet domination over Poland.

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## Soviet Subsidies to Eastern Economies

JAN VANOUS and MICHAEL MARRESE

t is now being argued that the Soviet on has been economically exploiting its de partners in the Council for Mutual nomic Assistance (Comecon), particuy Poland, by using the "transferable le" to obtain highly favorable rudollar exchange rates. In this way, it is ued, the Soviet Union is able to buy nufactured goods from its East Euron partners cheaply, while Eastern Eue must supposedly borrow heavily in West to buy the machinery and mateused to produce these manufactured ds. And this Soviet exploitation of East ropean workers and Western credit rkets is said to have been used to allow Soviets to build and maintain a vast litary establishment.

The problem with the theory is that its y premise—that the Soviet Union exits Eastern Europe through the imposing of discriminatory terms of trade—is supported by the facts. A recent study epared by the authors, soon to be publied by the University of California Press Berkeley, concluded that in recent years Soviet Union has granted Eastern Eupe large trade subsidies, averaging \$5.8 lion during 1974-78, rising to \$10.4 billion in \$60.

Similarly, in a report before the Joint conomic Committee presented last July Maj. Gen. Richard X. Larkin, deputy dictor of the Defense Intelligence Agency, d Edward M. Collins, vice director for reign intelligence, said that "Soviet aid all kinds to other Communist regimes se from nearly \$2 billion in 1971 to nearly 4 billion in 1980." In view of the empiri-I failure of the "exploitationist" descripon of Soviet policy in Poland and the rest Eastern Europe, we are forced to look rother explanations.

The most likely motivation for a Soviet blicy of economic subsidization of Eastern urope is to obtain military, political, and eological benefits from the Communist arties of East European countries.

## istribution Estimate

Our estimate of the distribution of Soet trade subsidies among individual East uropean countries is presented in the acimpanying table.

What gives rise to these subsidies? heir primary source is the price formaon formula used by the Comecon counies for intra-bloc trade. Since 1975, intraomecon prices have been set on the basis
f a lagged five-year moving average of
ollar world market prices converted to rules. For example, the Soviet export price
or oil in 1980 was based on the average of

orld market prices during 1975-79.

Over the last decade, world market rices of energy and primary goods have een growing much faster than prices of nanufactured goods. Since the Soviet

Union primarily exports fuels and non-food raw materials to Eastern Europe and imports manufactured goods, the intra-Comecon price formation formula has not worked in its favor. In other words, thoughout the decade, the Soviet Union would have been better off economically if it had been able to divert its exports of energy and raw materials from Eastern Europe to the West and purchase the manufactures it needs from the West rather than from Eastern Europe.

To illustrate how Soviet Union subsidizes its trade with Eastern Europe, we'll use some examples from Polish-Soviet West. It is the Soviet Union that subsidizes the Pollsh economy.

Moreover during the past two years Poland has received other Soviet economic assistance. In addition to the \$6.5 billion in trade subsidies we estimate Poland received from the Soviet Union in 1990-81, it also got \$0.8 billion in direct Soviet hard-currency loans, \$0.5 billion in Comecon bank loans backed by the Soviet Union and \$2.7 billion worth of ruble credits (equivalent to about \$2.3 billion at a realistic exchange rate of 1.18 rubles per dollar). Total Soviet economic assistance to Poland, including repayable credits, amounted to

The Soviet Union engages in preferential trade ... to sustain the allegiance of and maintain dominance over Eastern Europe's Communist parties.

trade. Three key Polish import commodities, which represent 31% of Polish imports from the Soviet Union, are crude oil, natural gas and cotton. Three key Polish export commodities, which account for 13% of Polish exports to the Soviet Union, are

an equivalent of \$10.1 billion. It is hardly surprising Soviet political leaders have been demanding some political return on their "investment" in Poland.

This brings us to the question of why the Soviet Union is willing to subsidize

## Soviet Trade Subsidies to East European Countries (in million current dollars)

1974 1975 1976 1977 1978 1979*	Balgaria 1081 919 877 1015 1087	Czechosłowakia 1174 1097 1195 1226 1086 2000 4100	East Germany 2023 1665 1786 1896 1914 3400 7200	671	1067 1027 1021 1106 897 1 1700 1	43 6265 19 5325 45 5595 50 5938 109 5754 100 10400 200 21700
1980*	4100	4100	7200	2600	3300	

hard coal, railroad cars and fishing traw-

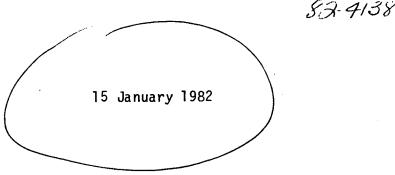
lers.

Using data from the official Polish foreign trade statistical yearbook for 1980, we compare prices of Polish exports to the Soviet Union and to the West, and prices of Polish imports from the Soviet Union and from the West for each of the above commodities.

At the ruble/dollar exchange rate of 0.65 ruble per dollar, we found that the Polish import price for Soviet crude oil was 52% below the average import price from the West, 26% below the Soviet export price to the West for natural gas and 18% below the average import price from the West for cotton. The Polish export price for hard coal was 25% above the average export price to the West, for railroad cars 12% above and 149% above for fishing trawlers. Hence, unless one argues that the official Polish trade statistics are intentionally distorted by the authorities, for which we have no evidence, we have to conclude that Poland trades with the Soviet Union at terms far superior to these available in the Eastern Europe. If, as some view it, Eastern Europe is a part of the Soviet "empire," would it not be reasonable to expect that the Soviet Union maintains this empire to exploit it? We argue to the contrary. With respect to trade with Eastern Europe, the Soviet leaders seek, in addition to the conventional gains from trade, certain non-economic benefits that are military, political and ideological.

The Soviet political leadership maintains national security from a combination of Soviet troops and military hardware in the Soviet Union, Soviet troops and military hardware stationed in Eastern Europe and the allegiance of the Communist parties of East European countries. This allegiance can substitute for the direct use of Soviet manpower and hardware to provide security services to the Soviet Union. The Soviet Union is the dominant power within Comecon, and it engages in preferential trade treatment of Eastern Europe relative to the West to sustain the allegiance of and maintain dominance over the Communist parties of Eastern Europe.

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82-4138

MEMORANDUM FOR:

Deputy Director for Intelligence

FROM:

Director of Central Intelligence

SUBJECT:

Soviet Economy

The Wall Street Journal comes through with the other side of the argument of Soviet-Warsaw Pact economic relations and the cost of empire, while Stan Turner strikes again.

William J. Casey

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