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Au	gust 1986				_
The Impact of Hard Currency St	hortages on Sovie	t Civil	ian Industry		
:	Summary				
weakness in world energy markets, Morfor Western goods. Options to offse limited, and the Soviets are likely and industrial materials. Cutbacks, the board. Although all sectors of will probably shelter as much as possible backbone of Gorbachev's industrial attention to metallurgical, chemical of their importance throughout the enotably large-diameter pipeand chemical of Soviet citizens, the leadership is consumer goods as the best candidates. Besides trimming imports from the a combination of other trade strategy earnings. Among Moscow's options are barter arrangements in contracts with turnkey projects by increasing domest European suppliers. The Soviets alrepartners to increase deliveries of a countries, however, will be hard-presis seeking because of hard currency opproduction bottlenecks.	t the decline in to reduce purchas however, will no the economy will sible future purcal modernization, and oil and gas conomy, imports o micals will probable decided to improving slikely to views for the axe. The West, we expect the to deal with the extra firms, tic content, and eady have served wide variety of ssed to offer the constraints of the store of the constraints of the constraints of the store of the constraints of	energy es of We to be made feel the hases of campaign equipme f steel bly be sthe livipurchase to the Screduced more be 2) scale (equipment scale (er own)	earnings are estern equipment de evenly across e pinch, Moscow f machinery— n—giving specia ent. Because products— spared from ing standards es of Western oviets to pursue hard currency uyback and ing down expensi ing more to East on their CEMA nt. East Europe of support Mosco and domestic	al e e e e e	25X
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Introduction	
The recent decline in Soviet hard currency revenuesprincipally a result of low energy prices and the depreciating dollarwill force Moscow to rethink its purchases from the West for the rest of the decade. Although it is difficult to predict the exact magnitude of future hard currency shortfalls, the Soviets face an almost certain and substantial reduction in their capacity to buy Western machinery, agricultural goods, and industrial materials.	n 25X
The USSR gets a wide variety of machinery and products from the West that the domestic economy either cannot produce at all or cannot provide in sufficient quantity or quality on a timely basis. Imports have in the past helped Moscow to overcome crucial hurdles in technological development and to attempt to satisfy consumer demand. Excluding crude oil (for reexport) and grain and other agricultural raw materials, hard currency purchases in 1985 were concentrated on machinery and equipment (\$4.9 billion), largely for the metallurgical, chemical, petroleum, and paper industries; steel productsincluding pipeand other ferrous metals (\$3.6 billion); chemicals (\$2.2 billion); and soft goods and processed foods (\$2.3 billion) (see table). A small portion of this trade, however, involves compensation agreements and would not be affected by an import cutback. Although the reliance of industrial branches on Western goods and technology varies widely, the potential necessity to cut back hard currency imports by perhaps as much as one-third could have a substantial	
In the following paragraphs, we attempt to assess the dependence of individual civilian industries on Western goods and equipment, the impact on industry and the economy in general of a reduction in imports, and the steps the Soviet leadership might take to deal with the	25X
situation, including increased pressure on East European countries to take up the slack. Moscow set the wheels in motion to increase and upgrade purchases of industrial machinery and technology from its East European allies at the CEMA Summit in June 1984.	25X1
in mid-1984, Moscow identified specific areas where it expects East European equipment to substitute for previously planned purchases	25 X
from the West. These include mining, chemical, oil, and electrical equipment; large-capacity trucks and excavating equipment; pipelayers and bulldozers; materials handling equipment; and computer numerically controlled machine tools. East Germany, with its relatively healthy economy and a long tradition in machine building, is the most likely source for many potential new Soviet purchases. Yet hard currency	25X1
constraints and worsening domestic production bottlenecks in the region will place sharp limits on what Eastern Europe can provide.	; 25 X

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USSR: Composition of Hard Currency Imports, 1985

		Million US\$
	Total	25,767
05	Repair work	43
08	Technical training	10
1 X	Machinery and equipment, unspecified	1,044
10	Metal processing equipment	640
11	Electrical equipment	214
12	Mining, metallurgical, and petroleum equipment	719
13	Materials handling equipment	139
14	Food-processing and light industry equipment	361
15	Chemical, paper, construction, and other industrial	
46	equipment	1,169
16	Buildings and engineering installations	1
17	Instruments, laboratory and medical equipment,	24-
18	bearings, and abrasive equipment	315
19	Tractors and agricultural machinery	32
2X	Transport facilities and equipment Fuels and metals, unspecified	234
24	Metal ores and concentrates	2,573
25	Nonmetallic minerals	137
_	Ferrous metals	83
	Nonferrous metals	3,635 2*
	Chemicals	1,383
31	Dyes, lacquers, and tanning materials	122
	Photographic materials	2
34	Fertilizers and pesticides	520
35	Rubber and asbestos goods	157
40	Construction materials	173
50	Lumber and paper goods	134
51	Textile raw materials and semifinished products	840
	Raw hides and leather	127
55	Seeds	3
56	Volatile oils and gums	7
	Industrial fats and oils	157
58	Fodder	82
	Other raw materials	62
60	Live animals	6
70		5,236
72	Oilseeds, fruit, tobacco, other agricultural	
	raw materials	725
80	Meat and dairy products, animal fats, eggs	289
81	Fish and fish products	113
82	Flour and legumes	70
83	Vegetables, fruits, berries	218
84	Sugar, vegetable oil, other food goods	474
85	Beverages and tobacco goods	57

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USSR: Composition of Hard Currency Imports, 1985 (continued)

		Million US\$
90	Cotton, woolen, and other fabrics	199
	Clothing and linens	579
92	Haberdashery goods	19
	Leather, rubber, and other shoes	311
	Medicines and drugs	58
97	Household goods	29
	Other consumer goods	2
99	Not specified	2,262

^{*}The Soviets treat most data on production of and trade in nonferrous metals as state secrets. We estimate annual hard currency purchases at roughly \$100 to \$150 million, an amount likely included in the "not specified" category in official trade statistics.

Source: Vneshnyaya torgovlya SSSR v 1985 g.

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Although Wagtons	
Although Western imports are not critical for most Soviet oilfield operations, major dependencies exist for development of sour oil and offshore areas.	
gas condensate fields exist for development of source	
temperature and high and processing equipment for corresive and high	
temperature and high-pressure environments will be mandatory for	
development of the deep sour oil and gas condensate potential of the	051/4
	25 X ′
A sizable out in hand	
A sizable cut in hard currency imports of specialized equipment about 450,000 harmal	
would slow development in the Pre-Caspian area. Soviet plans call for Some delays would also day of capacity to be in place by took	
about 450,000 barrels per day of capacity to be in place by 1990.	
made. Moscow may stretch out equipment deliveries for these projects	9
P- P- Vaucuitini.	25 X ′
Few palatonia i	
reductions in purchases of corrosion-resistant and Arctic-capable productions of processing equipment. Moscow could attempt to use domestically	
	-
produced pipe and processing equipment, but there is a good chance that so manufacturing plants. Sould without purchases of Western turnless.	on
such equipment would fail. Without purchases of Western turnkey to establish the such as a solution of the such as a solution of the such as a solution to establish the such	m a
manufacturing plants, Soviet industry would probably need at least five yet them into high-quality occurrence the necessary steels and solve the manufacturing plants.	me
	3 75 0
them into high-quality equipment. Large increases in investment would equipment. Fast From Foundation and still not be guaranteed.	ars
be needed, and the Soviets would still not be	
be needed, and the Soviets would still not be guaranteed servicable equipment. East European countries have little to offer because their on a par with that as it.	
on a new produce corrosion-resistant and Analytic because their	
capacity to produce corrosion-resistant and Arctic-grade steels is about	
Vogage:	25 X ′
Moscow could agree to joint development of fields in the Pre-Caspian receiving a share of production of the Barents Sea, with Woston Co.	
Basin and/or joint exploration of the Barents Sea, with Western firms only would such arrest.	
receiving a share of production as payment for equipment provided. Not economic policy but arrangements require a major shift in eviction.	
economic rollar arrangements require a major shift in a provided. Not	
Western firms, but, given the current depressed stating Soviet	
economic policy, but, given the current depressed state of the oil market, western firms may have more promising and less complex areas earmarked Western companies access to both these areas because of the oil market, strategic installations.	
Western companies and Soviet military would probably and eas earmarked	
Western companies access to both these areas because of the many key strategic installations located around the Caspian and Barents Seas.	
installations located around the Caspian and Bononte S	25X ²
barents Seas.	25%
Natural gas	
	t .
Although imports of Western equipment would facilitate development the West for natural see an incomplete the West for natural see	1
of the Soviets' northern gasfields, Moscow has no special dependency on imports. However, acceptable of the soviets imports.	
the West for natural gas production to special dependence	
the West for natural gas production that could be affected by reduced areas to regional minutes.	•
imports. However, construction of major gas trunklines from producing western imports. Imports of large-diameter (1.420-million) on	
(IDD) imports. Imports of large-diameter (A sepends heavily on	
Western imports. Imports of large-diameter (1,420-millimeters) pipe (LDP), heavy steel plate for manufacturing LDP, and because the pipe of the control of t	•
(LDP), heavy steel plate for manufacturing LDP, and heavy-duty pipelayers	
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are required to maintain the current pace of gas pipeline A cutback in hard currency purchases would result in a correduction in the pipeline building program. West Siberian—particularly the development of the Yamburg gasfield—we retarding growth of national gas output and interfering wisubstitution of gas for oil.	ncomitant n gas development puld slow
To compensate for a reduction in the supply of LDP ar could use its own, smaller (1,020- and 1,220-mm) linepipe. would require a sharp increase in pipe productionpossibly shortages of steel in other sectors of the economyas well adjustments such as the need for different-sized compressed ancillary equipment. Because of the lower throughput of the diameter pipelines, more pipe would be needed. Even with in investment and labor resources, it is doubtful that the lay enough pipe to compensate fully for a reduction in important companies. The compensation of their LDP and heavy-duty pipelayers from the West.	Such a decision ly leading to ll as other ors and other the smaller a large increase e Soviets could
Coal	20/
Currently, the Soviet coal industry has no major dependent, although Moscow has imported a few hundred haulage the excavation equipment for hard currency in recent years. It proceeds with plans to build long-distance, high-capacity pipelines, however, Western technology would be mandatory. Know-how, the Soviets would probably experience shortfalls coal development—a major component of the USSR's Long-Terprogram—that could lead to energy constraints beginning state 1990s. Electric power	rucks and some f Moscow coal slurry Without this in eastern
The Soviet electric power industry is largely self-su equipment and technology. Moreover, the USSR is considered supplier of hydroelectric equipment and expertise; Soviet have been imported by less-developed and industrialized controlled the United States and Canada. Soviet power plantatural gas, and coal are designed, built, and operated with from either other CEMA countries or the West. The Soviet program has benefitted from some key Western importsprime cools and welding components used in the manufacture of restant the Soviets currently rely mostly on Eastern Europe is lest for help in making equipment for nuclear power plants. A major cutback in hard currency purchases would leave counting on rapid expansion of their nuclear power industry chemical countries of the growth in electricity demander of the 1980s, cutting Western imports could have impact. For example, the Western firm Kroll supplies constitutions.	d a world-class hydro turbines untries alike ts that burn oil, th few inputs nuclear power arily machine actor components rather than the 25X e most current lets are ydespite d in the a noticeable
with specialized cranes that enable Soviet crews to preasse components and to complete multi-reactor power plants sever aster than could be done with domestic equipment, which ca	emble major
	page 6 25X

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massive assemblies. The major impact of a cutback would be a lengthe of construction times for many nuclear power plants, disrupting plans electricity production and eventually hitting industrial consumers wi more frequent browouts and blackouts.	for
The Soviets have been trying to organize the nuclear industry wi CEMA for nearly a decade, making slow but steady progress on a joint program. It is unlikely that this activity could be stepped up to of cuts in imports of Western equipment. The Soviets are probably alreatrying to "reverse-engineer" equipment now being imported, and speedithis copying process would be expensive. If a major construction slow resulted in large electricity supply disruptions, the power industry probably receive the go-ahead to selectively allocate power. Althoug forced rationing carries with it the risks of major disruptions, it has been used during some past supply crunches.	fset .dy .ng .wdown .would .h
Ferrous metals	
Since 1975, the USSR has ordered more than \$4 billion worth of W steelmaking equipment, mostly to fill gaps in technology. Western ro mills, for example, are superior to Soviet models, especially in the of advanced automation and computer control systems. In other cases, Moscow relies on Western equipment to get new plants operating more quickly than they could with domestically produced equipment. Import ferrous metals products accounted for 14 percent of total hard current imports in 1985, third only to grain and total machinery. Although if from the Westlargely steel sheet, plate, tube, and piperepresent than 25 percent of domestic consumption of these broad product categor the Soviets are dependent on hard currency imports for roughly 80 percent for their requirements for LDP. They also import ores and ferroalloys higher quality than those available from domestic or East European so	lling area s of cy mports less ries, cent
All the new steel projects earmarked for 1986-90, with the except	tion
of a plant at Orlovskiy, have already been negotiated for and are undeconstruction. Renovation projects, on the other hand, appear to be movulnerable to cancellation. Soviet officials have reported, for example that modernization of the Zaporozh'ye steel plant had been canceled	er One
prant had been cancered	25X
Further cutbacks of imported Western equipment probably would slopace of the steel modernization effort. The Soviets could divert additionates from other areas of machine building to metallurgical machine building, but many sectors of the economy will be competing for increased increas	tional ne ased EMA nal s
much additional equipment Eastern Europe would be able to provide.	25X
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Because some steel products--notably LDP--are considered a priority, imports will likely be maintained. To compensate for the loss of other steel products, the Soviets could reduce exports to or increase imports from Eastern Europe, but East European steel output is relatively small and most exported steel products are not of high quality. Steel consumers could practice increased conservation and use substitute materials such as plastics and composites--as called for by the leadership--but availability could be just as serious a problem with substitutes as it is with some steel products.

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Nonferrous metals

Soviet dependence on the West for nonferrous metals is small. Except for tin--Moscow imports about 30 percent of total consumption--imports generally provide less than 15 percent of domestic supplies. Estimated annual hard currency outlays for nonferrous metals are about \$100 to \$150 million, some for repayment of Soviet aid to less-developed countries. Indeed, the Soviets earn valuable hard currency from exports of many nonferrous metals, including gold, platinum group metals, aluminum, nickel, copper, and titanium. We have very little information on Soviet imports of technology and equipment for the industry. According to the Western press, the Soviets signed an agreement in early 1986 with an Italian firm for the construction of a \$60-million electrolytic zinc plant in West Siberia--which reportedly will be the world's largest and most automated.

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But we believe the Soviets would need to spend additional hard currency in the next few years to modernize aging nonferrous metals plants and to upgrade the mining sector. The industry is also slated to boost the output and variety of semifinished metal products (angles, rods, and bars, for example) to meet increased demand from machine-building enterprises; achieving this goal will probably require imports of Western metalworking equipment. Doing without such imports could jeopardize the output of alloy steels, chemical equipment, metal-cutting machinery, electrical and electronic equipment, and potentially some military hardware.

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To compensate for fewer imports, the USSR might re-allocate metal supplies among consuming industries. The Soviets maintain national stockpiles of many nonferrous metals and minerals and could curtail stockpiling or draw down supplies. Some of the potential metals shortages could also be alleviated by increased domestic mining and processing. Increased by-product recovery and the exploitation of available low-grade deposits could also boost supplies. But new mines and refineries can take 10 or more years to build, and processing low-grade ore would raise costs.

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The Soviets could also ease potential shortages at relatively low cost through increased recycling, although some Western equipment may be needed. Articles in the Soviet press claim that at least 30 percent of total output of many nonferrous metals could be provided at a fraction of the cost of producing them from ore. Moscow might step up its pressure on Third World countries—suppliers of most imported nonferrous metals—to accept more countertrade. But a recent attempt to strike such a deal with Bolivia—one of Moscow's largest tin suppliers—was a failure. Except for

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alumina and bauxite, East European countries are not in a posi the Soviets much help because of their limited raw material bacapacity for producing nonferrous industry equipment. Although trade statistics are unavailable, we believe the USSR exports quantities of nonferrous metals and minerals to Eastern Europe a shortage situation, Moscow could trim these exports, either use or for sale to hard currency countries.	se and h hard substantial
Chemicals	
The Soviets are highly dependent on imports of Western che equipment and technology for the production of fertilizers, pla synthetic fibers. In 1985, roughly 60 percent of Soviet import chemicals and 40 percent of chemical equipment came from hard countries. Although Moscow plans to boost supplies of chemical chemical equipment from domestic and East European sources, it to continue to rely on the West for certain types of advanced to the Soviets also will continue to need spare parts and catalyst	astics, and ts of currency ls and will have cechnology.
chemical plants they already have imported.	25X1
The USSR has been negotiating recently with Western firms turnkey plants to produce plastics, synthetic fibers, pesticide industrial chemicals. But the fall in oil prices has forced Moits shopping list by cancelling a \$1-billion polyvinyl chloride a \$1-billion olefins project, and a \$60-million herbicide plant months, the Soviets also postponed construction of a \$1-billion and resin complex and delayed the second phase of a large pesti	es, and other secow to pare complex, In recent nylon fiber cide plant.
Th.	ese cutbacks
will have an adverse impact on the availability of synthetic fiplastics for consumer and industrial goods and will force the Sincrease agrochemical imports and/or rely on less-effective domestics.	
products.	estic 25X1
Although exports of chemicals for hard currency have grown years, the USSR remains a net importer. Moscow is dependent on for nearly all its superphosphoric acid-most from the United Stan exchange agreement for Soviet ammoniaand more than 80 perceimported man-made fibers and 70 percent of rubber chemicals. In Western countries provided roughly two-thirds of Soviet imports pesticides, and dye intermediates and more than one-half of the caustic soda. In addition to slowing the pace of modernization, in hard currency purchases would lower production effectiveness all sectors of the economy. Lack of new Western technological peould hamper the development of new materials for machine buildiconstruction, and the automotive industry. Inadequate supplies fertilizers and pesticides could result in lower agricultural yithe same time, Gorbachev's efforts to raise consumer welfare countermed by shortages and lower quality synthetic fibers and plantages.	the West tates under ent of n 1985, of plastics, imported , a cutback in practically processes ing, of phosphate telds. At
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Moscow will undoubtedly increase pressure on its CEMA allie deliveries of chemicals and chemical equipment. Eastern Europe provides one-fourth of Soviet chemical imports and more than one	
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USSR's imported che	mical equipment. [Despite growing capabil	ities to provide
nign-quality chemic	al equipment, howev	ver, Eastern Europe is	simply not in a
position to offer t	he scale of support	needed under a scenar	io of a large
reduction in hard c	urrency purchases.	East European countri	es could boost

deliveries of chemicals to the USSR, but only at the expense of diverting materials now sold to the West.

Construction materials

Gorbachev's modernization program is challenging the Soviet construction materials industry to supply more and better quality building products for renovating industrial plants at a time when Moscow has been largely unable to expand production capacities, conserve materials, and increase automation. As a result, the Soviets have had to increasingly rely on imports. Hard currency purchases of construction materials totalled \$175 million in 1985, mostly insulation materials. Although Moscow bought only \$5.5 million worth of refractories from the West last year, it has been importing sizable quantities of magnesite powder from North Korea, highlighting continued problems in the cement and steel industries. Two contracts are currently being negotiated to help alleviate these problems: a package of three West German refractories plants—valued at \$300 million—that would double Soviet refractory output and transfer of US dry—process technology that could be used to reduce energy consumption and expand output at Soviet cement plants.

These two contracts would likely be protected from any cutback in hard currency expenditures. The refractory plants are essential to both the ferrous metals and cement industries. Moreover, the Soviets view the direct purchase of cement technology as the most efficient way to convert the cement industry to the dry process—a Soviet goal for more than 15 years. In the longer term, Moscow may view this approach as cheaper than buying equipment or importing high-quality cement. East European countries can offer the USSR only a small porition of the construction materials technology or products that Moscow now buys in the West.

Pulp and paper

The Soviet pulp and paper industry relies on imports of Western equipment and technology for three-fourths of its papermaking machines, 60 percent of its cardboard machines, and all of its continuous pulp digestors. In addition, the USSR imports roughly \$100 million worth of pulp and paper products annually from hard currency countries. Moscow is moving, however, to reduce its dependence on the West for pulp and paper products and machinery by directly purchasing Western process technology-rather than complete plants--for domestic application and pressing Eastern Europe to replace the West as primary suppliers of pulp and papermaking machinery. Soviet measures to improve efficiency and performance in the industry may also help. The Soviets have taken steps to reduce paper weight, expand the use of waste materials, and increase the use of hardwoods. These efforts will continue--regardless of the hard currency situation--and could result in a smaller volume of pulp and paper imports in the future.

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The Soviets are currently negotiating contracts for two large pulp and paper facilities—one at Arda worth \$700 million and the other at Yeniseisk worth \$500 million. A large reduction in hard currency expenditures would put these projects in jeopardy. Given the more advanced status of the Arda project, however, the Soviets probably will fully fund it and postpone Yeniseisk, perhaps until the mid-1990s. On the product side, the Soviets would likely either absorb a cut without any action or attempt to turn to Finland—a soft currency trading partner—to make up some of the difference, but trade with Finland is also likely to be affected because of low oil prices. CEMA countries have the capability to supply a wide variety of pulp and papermaking machines to the USSR. Poland, for example, imported \$12 million worth of modern machinery from the United States in the mid-1970s, technology that could be readily transferred to the Soviet Union and used to ease the transition from Western suppliers to domestic producers.

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Soft goods

The Soviet Union imports little Western raw material or equipment used by light industry—the branch of industry that produces textiles, clothing, and shoes. The subsector most dependent on imports from the West is the woolen industry; Moscow spent \$225 million in 1985 for 15 percent of its wool fiber needs, mainly from Australia. The Soviets also imported 7 percent of their requirements for chemical fibers from hard currency countries last year at a cost of \$300 million. Light industry gets the bulk of its manufacturing equipment from domestic machine-building enterprises and Eastern Europe. Imports from the West have risen, however, to \$150 million last year, making up 14 percent of total imports of light industrial equipment.

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If imports from hard currency countries were cut, Soviet light industry would probably experience little direct effect. Output of wool textiles would drop noticably, but it is one of the smallest subsectors of the textile industry. Production of fine woolen suits would suffer the most. The footwear sector could also be affected by a decline in supplies of leather and leather-working equipment. The Soviets are planning to build a number of new footwear factories using imported—mostly Italian—machinery. Agreements for some of these plants have already been signed. The industry could substitute for the loss of chemical fibers by increasing the percentage of cotton in its cotton blend fabrics. More cotton could be imported cheaply from China. Overall, the loss of Western equipment might deprive the industry of a few showcase plants, but it would have little real impact on performance of the industry.

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The share of soft goods imports in state retail trade probably runs only 4 to 5 percent. But because these goods tend to be of higher quality than domestically produced items, any cutback in imports probably would be noticed by Soviet consumers, especially in urban areas. Reductions might have a relatively higher impact on sales in the chain of special shops serving the elite, which probably receive a larger share of imported soft goods than ordinary stores. Moscow could ease the pinch by attempting to squeeze more from Eastern Europe. CEMA countries will be hard-pressed, however, to meet greater Soviet demands in this area given the weak state of their economies and the political risks of further shortchanging East European consumers.

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Although General Secretary Gorbachev has announced ambitious plans for improving the output and quality of soft goods, he intends to concentrate on improved management and labor productivity rather than imports from the West, using domestic resources and imports from Eastern Europe. Hard currency shortages will have little impact on light industry as long as agriculture and the chemical industry continue to provide raw materials at current levels.	25 X ′
Food-processing	
The food-processing industry relies on domestic agriculture for the bulk of its raw materials. But the Soviet food-processing industry lacks the capacity to process domestic agricultural output in a timely and efficient manner, and Moscow has already imported substantial amounts of machinery and equipment to help solve this problem. The bulk of equipment burchases, however, have come from Eastern Europe. Only about 20 percent came from hard currency countries.	25 X 1
A large cutback in imports of Western food-processing machinery would impair Soviet plans to improve the food supply, but the slowdown would likely not be felt for several years as the Soviets continue to attempt to assimilate equipment purchased earlier. In addition, actual processed-food output would not decline as long as agricultural production remains at current levels. The sector of the industry most likely to be affected would be the wine and spirit industry, a large portion of which is to be converted to non-alcoholic food and beverage production by 1990. Accomplishing this goal will require rapid retooling, some of it with lestern equipment.	25X^
Most Soviet processed-food imports come from Eastern Europe or other soft currency countries. Moscow did import 14 percent of its vegetable vil supplies in 1985, however, from hard currency countries at a cost of 1460 million. The domestic vegetable oil sector has suffered from seclining sunflower seed output in recent years, and the Soviets could neclining sunflower seed output in recent years, and the Soviets could ranging countertrade agreements with less-developed countries with a sarket for Soviet goods. Over the past few years, the USSR has met roughly one-fifth of its sugar needs with imports from the West. Toblems with the domestic sugar beet crop mean a continued need for hese purchases. Food makes up a large share of the Soviet consumer's sudget, and imports improve the quality and assortment of available food. The Soviet leadership is unlikely to risk antagonizing the public by	
autting back imports.	25 X 1

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Distribution for "The Impact of Hard Currency Shortages on Soviet Civilian Industry"

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		College, DIAC (C3-124 Bolling AFB)	
	_	Dr. Donald Goldstein, Principal Director,	
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		Department of State (8662 State)	
55	-	Paul Goble, Office of Analysis for the Soviet	•
		Union and Eastern Europe, Bureau of Intelligence	
_		and Research, Department of State (4844 State)	
56	_	Elliot Hurwitz, Special Assistant, Office of the Under	
		Secretary for Economic Affairs, Department of State	
		(7260 State)	
57	-	Robert W. Clark, Deputy Director (Economic Affairs),	
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		and Canadian Affairs, Department of State (4223 State)	
58	-	Ralph Lindstrom, Director, Office of Economic	
		Analysis, Bureau of Intelligence and Research,	
		Department of State (8722 State)	
59	_	Robert F. Ober, Economic Counselor, US Embassy,	
		Moscow, USSR, Department of State	
60	-	Kenneth Yalowitz, Economic Counselor, US Mission	•
		to NATO, Brussels, Belgium, Department of State	٠.
61	-	Jack Brougher, Jr., Chief, USSR Division, Office	
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		Commerce (6854 Main Commerce)	
62	_	Susanne Lotarski, Director, Office of Eastern Europe and	
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63	_	Douglas R. Mulholland, Special Assistant to the	
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64	_	Stephen R. Sestanovich, National Security Council	
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