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Agricultural Performance in Eastern Europe, 1987

Nancy J. Cochrane
Miles J. Lambert

Growth in the centrally planned economies of Eastern Europe has slowed during the 1980's and in 1987 was set back by declines in agricultural output. However, with the exception of 1987, the region's deficit in agricultural trade has been improving, primarily because of generally increased production and decreased imports of grain. Intentions to boost livestock product exports, as well as raise living standards by supplying more meat to domestic consumers, necessitate continued imports of protein feedstuffs (oilseeds and oilseed meals).

Keywords: Eastern Europe, agricultural production, agricultural trade, agricultural policy, economic conditions, reforms

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ABSTRACT

Growth in the centrally planned economies of Eastern Europe has slowed during the 1980's and in 1987 was set back by declines in agricultural output. However, with the exception of 1987, the region's deficit in agricultural trade has been improving, primarily because of generally increased production and decreased imports of grain. Intentions to boost livestock product exports, as well as raise living standards by supplying more meat to domestic consumers, necessitate continued imports of protein feedstuffs (oilseeds and oilseed meals).

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Agricultural Performance in Eastern Europe, 1987

Nancy J. Cochrane
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INTRODUCTION

The countries of Eastern Europe--Bulgaria, Czechoslovakia, the German Democratic Republic (GDR), Hungary, Poland, Romania, and Yugoslavia--comprise a significant market for U.S. agricultural products. Their generally increasing farm output in recent years has lowered their dependence on overseas supplies, but poor domestic crop results can result in sizeable increases in imports, especially of grains, in some years. At the same time, their goals typically include higher exports of livestock products, increased domestic meat consumption, or both. Recent developments favoring economic reform tend to bolster those goals. Improved feeds and feeding will be required to achieve East European goals for livestock production, thus virtually assuring a continued strong import market for protein feedstuffs, since domestic oilseed production is unlikely to supply much of the increased needs in the foreseeable future. This report reviews recent developments in the region and updates tables formerly appearing in the Eastern Europe Situation and Outlook Report, now discontinued.

GENERAL ECONOMIC SITUATION

Eastern European economies generally grew more slowly in 1987 than in 1986 (table 1). While overall economic performance has been improving since the financial crisis of the early 1980's, most countries experienced a setback in 1987. Only Hungary showed a higher growth in national income in 1987 than in 1986; Hungary and Poland were the only countries to register a higher growth in industrial output. National income growth was held back by disappointing agricultural performance throughout the region, with Yugoslavia, Bulgaria, and Hungary experiencing negative growth in farm output.

Per capita income stagnated in most countries, and living standards fell, particularly in Poland, Yugoslavia, and Hungary, as a result of rising prices and efforts to hold back wage increases. Living standards probably deteriorated the greatest in Romania, which, in its drive to pay off its foreign debt, continues to boost its exports at the expense of domestic consumption. The fall in living standards has provoked considerable social unrest, with strikes in Poland and Yugoslavia, and riots in Brasov, Romania, last November.

One bright spot in 1987 was an overall improvement in the region's trade balance (table 14). Both the ruble and hard currency trade balances improved significantly. Yugoslavia, Hungary, and Bulgaria suffered deficits in their hard currency trade, but these deficits were much smaller than in previous years. Poland, Romania, and the GDR realized increased surpluses. Ruble trade balances improved as well, with most countries registering a surplus in their trade with the USSR. The primary factor behind these surpluses was an improvement in the terms of trade with the USSR. Ruble terms of trade had deteriorated sharply in previous years because Soviet energy prices continued to be above the world level. In 1987, however, there was a significant drop in Soviet energy prices.

Eastern Europe's net hard currency debt in 1987 rose from \$83.6 million to \$96.5 million in 1987 (table 2). All countries except Romania saw increases in their debt, mostly a result of the devaluation of the dollar since much of their debt is denominated in other, West European currencies. Yugoslavia has had serious difficulties meeting its repayment obligations and once again negotiated rescheduling agreements with its government and commercial creditors. Poland, too, with the restoration of Most Favored Nation status, has been negotiating a rescheduling agreement worth \$9 billion.

Yugoslavia also entered a new standby agreement with the International Monetary Fund (IMF). However, under the terms of the agreement, Yugoslavia has agreed to increased IMF monitoring of its economy and has adopted a radical reform program. The key elements of this program are the elimination of controls over most prices, import liberalization, severe wage constraints, and the threat of bankruptcy for unprofitable firms. The fate of this program is uncertain, since in the short term it means more inflation, currently hovering close to 200 percent, and a sharp deterioration in already falling living standards.

AGRICULTURAL POLICY

Farm production since the late 1970's has been guided by policies aimed primarily at achieving more favorable farm trade balances to decrease overall trade deficits and service external debt. However, during the 1980's longer term considerations of cost efficiency and competitive production increasingly have come into play, especially in the countries most intent on economic reform: Yugoslavia, Hungary, and Poland.

Since mid-1987, the Soviet Union's drive for perestroika has reinvigorated reformists in Hungary and Poland, and also put pressure on other members of the Council for Mutual Economic Assistance (CMEA) to drop uneconomic methods of the past. In May 1988, a new, economically bolder leadership came to power in Hungary, while in Czechoslovakia, in June, a new bill on agricultural cooperatives was approved, in line with reformist thinking. Bulgaria has also accelerated its preparations for a reform program. However, in Poland a November 1987 referendum failed to bring out a majority of eligible voters to the polls and has caused a slowdown of the reform process. Furthermore, the GDR and Romania have demurred, the GDR claiming that its present system has achieved most of what is sought through reform, and Romania arguing that the sort of reforms envisioned do not suit its specific conditions.

Reformists in the region generally aim at eventually phasing out the prevalent system of centrally administered farm and food prices, which typically are operated in conjunction with producer and consumer subsidies paid from the state budget. Both producers and consumers are uneasy about the prospect. Perennially inefficient producers would face liquidation. In order to help enterprises meet the challenge, their operational flexibility is to be strengthened through a variety of measures, featuring reduction of central planning indicators, liberalization of banking systems, public raising of funds (shareholding), and direct enterprise participation in foreign trade. At the same time, consumers fear a deterioration in their living standard in the near term, including lower per capita food consumption (table 13), as consumer prices rise toward world levels. The leadership, which needs worker support to succeed with reform, is particularly anxious to avoid the rapid inflation that has occurred in Yugoslavia, lest public unrest result. Consequently, although both Hungary and Poland announced some substantial retail food price increases for 1988, the increases were selective and, in the case of Poland, were scaled back from original plans. Hungary also introduced value-added and income taxes at the end of 1987. As a result of its price hikes and value-added tax, Hungary anticipates a rise of 15 points in the consumer price index during 1988.

Various structural and organizational measures in agriculture have been implemented or initiated in most of the countries in recent years, whether as part of reform packages or not. In 1987, a territorial reorganization took place in Bulgaria, apparently in part to augment regional self-sufficiency in food. The major goal of such measures is generally greater cost efficiency in food production, for which reason, also, the private sector is being strengthened in most countries. However, Romania is trying to maximize the area of land available for crop production at virtually any cost, while also decreasing the role of the private sector. In 1988, plans to move peasants into "agroindustrial centers" and eliminate about one-half of Romania's villages were revived, with the intention of expanding farmland by about 350,000 hectares and returning much of what is now private sector land to the socialized sector.

AGRICULTURAL PRODUCTION

Preliminary data for 1987 indicate that the adverse seasonal conditions experienced in the southern countries, particularly the prolonged summer drought in the Balkans and severe late summer storms in the southern Danube basin, caused a decline in farm output. Grains, oilseeds, vegetables, tree crops, and grapes were especially hard hit. At the same time, the long and harsh 1987 winter in the north damaged agricultural production, most of all by reducing orchard production in Poland. Still, preliminary estimates indicate that overall regional farm production was the third highest in the 1980's.

After stagnating during 1976-81 between 93 and 95 million tons, Eastern European grain production since 1982 has consistently surpassed 100 million tons, usually by a significant margin. A near record of almost 113 million tons was achieved in 1986. Yield increases, attributable largely to improved fertilizer applications, account for the gains, acreage having held fairly steady at 28-29 million hectares since 1978.

The 1987 drought reduced grain production by an estimated 9 percent from a year earlier and was particularly acute in Romania, where corn output was down by nearly one-third. Still, 1987's regional total of 103 million tons was less than 2 percent below the 1981-85 average (tables 3 and 4).

Increasing acreage has been planted to oilseed crops, mostly in order to cover a greater portion of protein feed needs from domestic output. Also, Poland wants to produce more of the edible oil it needs. Sunflowerseeds in Yugoslavia and Hungary, and rapeseed in Poland, lead in the trend. However, production performance has been erratic. In 1987, the area planted to oilseeds in the region was up by 3 percent over 1986, yet production declined by an estimated 14.5 percent because of poor yields in the south. Production of soybeans and sunflowerseeds in Romania was particularly hard hit (tables 7 and 8).

The livestock sector has been buoyed by generally increasing output of feedstuffs, as well as by imports needed to prop up livestock product exports in the southern countries. Poultry numbers continue to register gains. They increased by 1-2 percent in 1987, primarily because of the Romanian intention to become a larger exporter of poultry meat. Hog inventories in the region have also been headed upward in recent years, especially in Yugoslavia, though hesitantly. At the end of 1987, Yugoslav hog numbers apparently were at around year-earlier levels, owing to farmers' expectations that the price of corn on the country's free market would rise following the 1987 drought (table 11).

Following 4 consecutive years of increase, regional meat production declined by more than 1 percent in 1987, as output of all red meats decreased (table 12). However, only Poland, Yugoslavia, and Bulgaria experienced a decline in total meat output. Favorable pasture conditions held back cattle slaughtering in Poland, while concerns about rising corn prices in Yugoslavia in the second half of the year induced cattle and hog slaughtering at relatively low carcass weights. Poultry meat production continued upward in most of the countries, but an estimated decline of over 6 percent in Romania, caused by badly compounded feeds, held the regional gain below 2 percent, compared with a 7-percent gain a year earlier. Poultry meat offers the attractions of being relatively inexpensive to produce for domestic consumption and readily saleable on hard currency export markets. However, in 1987, Romania increased its exports of poultry meat despite the production decline, at the expense of domestic consumers.

AGRICULTURAL TRADE

The 1980's have seen a marked improvement in Eastern Europe's agricultural trade balance. The region's agricultural trade deficit, after peaking at \$3.6 billion in 1981, declined to \$1.1 billion in 1985. After a setback in 1986, the region most likely saw further improvement in 1987.

During the 1980's, Eastern Europe has come steadily closer to its goal of realizing grain self-sufficiency, as imports have declined and exports have risen (tables 5 and 6). An exception to that trend was 1986, when imports rose sharply due to the poor production of 1985. Grain imports

are estimated to be down once again in 1987 and exports up. Exceptions to that trend are Poland, which increased its wheat imports to 2.3 million tons in 1987, up from 1.6 million in 1986, and Bulgaria, which increased its grain imports toward the end of 1987, as it became apparent that its 1987 grain harvest was a disaster. Net grain imports are expected to rise in 1988, however, as Bulgaria is importing large amounts of wheat, corn, and barley, and Yugoslavia, normally an exporter of over 1 million tons of corn, has been forced to import corn as a result of the devastating 1987 drought.

Regionwide efforts to expand livestock production have resulted in sharp increases in the consumption of oilseeds and meals. Much of this has been satisfied with rises in domestic production, but imports have been rising as well. Romania more than doubled its soybean imports in 1986, and estimated 1987 and 1988 imports are equally high. Poland has likewise been increasing its imports of oilseed meals (soy and peanut) (tables 9 and 10).

Exports of live animals and meat, disappointing in 1986, appear to have rebounded in 1987. Almost all countries report significant increases in exports, both in volume and value. This increase has been especially beneficial in that an increasing share of these exports is going to hard currency markets.

U.S. AGRICULTURAL TRADE WITH EASTERN EUROPE

The sharp cutback in the region's agricultural imports in the 1980's, mainly in grain imports, has had an adverse effect on U.S. agricultural exports to the region (tables 15, 16, and 17). These declined from a peak of \$2.3 billion in 1980 to \$434 million in 1986. Owing largely to the U.S. Export Enhancement Program (EEP), U.S. agricultural exports to the region rose marginally in 1987, reaching \$436 million. U.S. grain exports to Eastern Europe nearly doubled in volume in 1987 because of the EEP, with a resultant 50-percent value rise. There was also a 19-percent rise in soybean exports, most of which went to Romania. Another significant rise in U.S. farm exports to the region should occur in 1988. (Outstanding EEP initiatives to Eastern Europe are listed on the following page.)

Increased sales of grains and oilseeds were offset by a 46-percent drop in the value of animal product exports. The decline was caused by the virtual elimination of shipments of nonfat dry milk and other dairy products to Poland under PL 480 and Section 416 of the Overseas Dairy Donation Program, as well as by a 48-percent decline in the value of cattle hide exports. Overall demand for hides has fallen in Eastern Europe and importers have increasingly turned to other suppliers.

There will likely be another rise in U.S. agricultural exports to Eastern Europe in 1988. January-May exports are 65 percent above those in the same period in 1987. Wheat exports have almost doubled, and the unit value has risen 23 percent. Larger volumes of barley and corn are also being shipped in response to the lower 1987 domestic production. U.S. exports of oilseeds and meal will likely remain the same, as will exports of cattle hides. Cotton sales to

Yugoslavia may increase, since Yugoslavia is having difficulties in its countertrade arrangements with Egypt.

Outstanding EEP Initiatives to Eastern Europe

<u>Country</u>	<u>Commodity</u>	<u>Amount</u>	<u>Date</u>	<u>Status as of</u> <u>7/08/88</u>
		<u>Tons</u>		
Bulgaria	Barley	150,000	11/17/87	Complete
	Wheat	150,000	11/17/87	Complete
	Wheat	200,000	1/04/88	No activity
GDR	Wheat	130,000	4/14/88	No activity
Hungary	Barley	100,000	10/30/87	No activity
Poland	Wheat	500,000	1/07/87	Complete
	Wheat	500,000	7/02/87	Complete
	Wheat	1,000,000	12/01/87	Sold 975,000
	Wheat	500,000	3/22/88	No activity
	Barley or sorghum	200,000	12/31/86	Complete
	Barley or sorghum	500,000	12/14/87	Sold 205,000
Yugoslavia	Wheat	500,000	10/07/86	Sold 417,050
	Wheat	500,000	10/19/87	No activity

Source: Foreign Agricultural Service data

EXPLANATORY NOTES

Agricultural land: Arable land (cultivated land, gardens, and orchards), meadows, and pastures.

Council for Mutual Economic Assistance (CMEA): Bulgaria, Cuba, Czechoslovakia, the German Democratic Republic (GDR), Hungary, Mongolia, Poland, Romania, the Soviet Union, and Vietnam. Yugoslavia has observer status.

Eastern Europe: Northern countries--Czechoslovakia, the GDR, and Poland; Southern countries--Bulgaria, Hungary, Romania, and Yugoslavia.

Metric units are used throughout:

One metric ton = 2,204.6 pounds

One kilogram = 2.2046 pounds

One hectare = 2.471 acres

Cattlehides: one piece = 22 kilograms

Milk: one liter = 1.031 kilograms

Statistical data in this report are taken from the yearbooks of the respective countries, CMEA yearbooks, Annual Trade Yearbooks of the Food and Agriculture Organization of the United Nations, and 1987 plan fulfillment reports as reported in the country press. Other sources are noted as appropriate. Data on Albania are so scarce that the country is not covered here.

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Table 1. Major economic indicators, Eastern Europe, 1986-87, 1988 plans

Indicator and year	Bulgaria	Czechoslovakia	GDR	Hungary	Poland	Romania	Yugoslavia
Percent							
National income:							
1986 plan	4.0	3.5	4.4	2.3-2.7	3.2	10.0-12.0	3.0
1986 actual	5.5	3.4	4.3	.5	5.0	7.3	3.6
1987 plan	4.6	3.0	4.5	2.0	3.0-3.5	8.0-9.0	4.0
1987 actual	5.1	2.0	4.0	2.0-2.5	3.4	3.6	.5
1988 plan	6.1	3.5	4.1	1.0	3.2-3.8	9.0-10.0	NA
Agricultural production:							
1986 plan	7.4	2.5	.3	3.0-3.5	1.1-2.7	6.0-7.0	8.0
1986 actual	10.0	.5	4.3	1.0	7.5	12.8	7.0
1987 plan	3.9-4.5	NA	.4	4.5-5.5	2.2-2.5	6.0-7.0	3.0
1987 actual	-4.0	.9	NA	-.5-1.5	.9	2.3	-7.5
1988 plan	5.5	1.1	NA	5.0-5.5	NA	5.0-5.5	4.0
Industrial production:							
1986 plan	4.5	2.6	4.3	2.0-2.5	3.2-3.6	7.0	3.0
1986 actual	4.3	3.1	4.3	1.8	4.4	7.7	4.2
1987 plan	4.6-5.4	2.8-3.4	4.6	2.0-2.5	3.4	6.0-7.0	4.5
1987 actual	5.6	2.3	3.7	3.7	3.7	4.5	.7
1988 plan	5.0	3.0	NA	1.0	3.4-3.7	7.0-8.0	NA
Capital investment:							
1986 plan	12.0	.3	1.7	3.5-5.1	4.2	6.0-8.0	2.0
1986 actual	4.0	2.8	5.0	5.1	3.7	1.2	3.5
1987 plan	6.5-7.9	NA	-2.3	1.0	3.2-4.3	6.0-7.0	3.8
1987 actual	3.0	3.7	6.0	6.0	6.0	.9	-4.0
1988 plan	* 4.1	NA	NA	* 0	3.6	3.0-3.5	NA
Per capita real income:							
1986 plan	3.0	NA	4.0	1.0-1.5	0	NA	NA
1986 actual	2.8	2.9	4.3	.7	0	NA	NA
1987 plan	NA	NA	4.0	1.0-1.5	NA	NA	NA
1987 actual	3.9	NA	4.6	* 0	1.0	NA	NA
1988 plan	3.3	NA	NA	-2.5-3.0	NA	NA	NA

* = Estimate. NA = Not available.

Sources: Plan fulfillment reports of respective countries; PlanEcon estimates.

Table 2. Gross and net hard currency debt, Eastern Europe, 1971
and 1980-87

Country		1971	1980	1981	1982	1983	1984	1985	1986	1987
Billion U.S. dollars 1/										
Bulgaria	G	.7	3.5	3.1	2.8	2.6	2.2	3.6	4.9	6.1
	N	NA	2.8	2.2	1.7	1.4	.8	1.5	3.6	5.1
Czechoslovakia	G	.5	4.9	4.5	4.1	4.0	3.6	3.8	4.5	5.8
	N	NA	3.7	3.4	3.3	3.0	2.6	2.8	3.3	4.2
GDR	G	1.4	14.1	14.9	13.0	13.0	12.3	14.0	17.0	20.4
	N	NA	11.6	12.3	10.6	9.3	7.4	7.1	9.6	11.4
Hungary	G	1.1	9.1	8.7	7.7	8.3	8.8	11.8	15.1	17.7
	N	NA	5.5	7.0	6.6	6.8	6.7	8.6	12.0	15.5
Poland	G	1.1	25.0	25.4	24.8	26.4	26.8	29.3	33.5	39.2
	N	NA	24.4	24.7	23.8	25.1	25.3	28.6	31.8	36.2
Romania	G	1.2	9.4	10.2	9.7	8.8	7.1	6.6	6.0	4.9
	N	NA	9.1	9.8	9.3	8.2	6.4	6.4	5.4	4.3
Yugoslavia	G	3.2	17.4	19.0	18.5	19.0	18.8	19.2	19.4	20.5
	N	NA	14.0	16.3	17.7	18.1	17.7	18.1	17.9	19.8
Total	G	8.0	83.4	85.8	80.6	82.1	79.6	88.3	100.4	114.6
	N	NA	71.1	75.7	73.0	71.9	66.1	73.1	83.6	96.5

1/ At end of year. G = Gross, N = Net, NA = Not available.

Sources: Directorate of Intelligence, CIA, Handbook of Economic Statistics, 1986;
I. Zloch, Hard Currency Debt and the Growth of the Eastern European Economies, working paper,
the World Bank, 1986; and estimates of various U.S. Government agencies.

Table 3. Production of grains, Eastern Europe,
1976-80 and 1981-85 averages, and 1984-87 annual 1/

Commodity and year	Bulgaria	Czecho- slovakia	GDR	Hungary 2/	Poland	Romania 3/	Yugo- slavia	Total Eastern Europe
1,000 tons								
Wheat:								
1976-80	3,513	4,949	2,998	5,186	5,089	6,104	5,306	33,140
1981-85	4,173	5,389	3,414	6,066	5,263	6,038	5,089	35,433
1984	4,836	6,170	3,903	7,392	6,010	7,578	5,595	41,484
1985	3,067	6,023	3,936	6,578	6,461	5,662	4,839	36,566
1986	4,327	5,305	4,195	5,740	7,502	6,700	4,776	38,545
1987	4,127	6,000	4,040	5,674	7,940	6,000	5,272	39,053
Rye:								
1976-80	20	578	1,748	135	6,474	* 50	87	* 9,092
1981-85	37	642	2,205	146	8,089	* 47	80	* 11,245
1984	37	710	2,510	193	9,540	* 50	81	* 13,121
1985	49	620	2,505	166	7,600	* 50	77	* 11,067
1986	52	547	2,406	170	7,074	* 60	74	* 10,383
1987	45	600	2,283	185	6,800	50	69	10,032
Barley:								
1976-80	1,532	3,386	3,715	772	3,560	1,981	664	15,610
1981-85	1,193	3,507	3,983	1,010	3,618	2,423	700	16,435
1984	1,279	3,677	4,138	1,220	3,555	2,448	748	17,065
1985	800	3,538	4,366	1,046	4,086	1,850	704	16,390
1986	1,144	3,530	4,293	844	4,412	2,000	703	16,926
1987	1,096	3,500	4,198	781	4,340	1,800	504	16,219
Oats:								
1976-80	70	423	525	90	2,434	56	298	3,896
1981-85	42	471	678	141	2,600	86	267	4,285
1984	25	480	700	156	2,604	94	256	4,315
1985	41	474	746	133	2,682	102	252	4,430
1986	42	423	666	121	2,486	150	260	4,148
1987	30	500	637	95	2,460	100	232	4,054
Corn:								
1976-80	2,652	724	2	6,374	165	11,097	9,192	30,206
1981-85	2,656	885	1	6,977	65	13,001	10,568	34,153
1984	2,994	940	--	6,686	57	13,274	11,293	35,244
1985	1,350	1,114	1	6,818	69	15,238	9,896	34,486
1986	2,848	992	2	7,029	168	15,000	12,526	38,565
1987	1,968	1,000	2	6,987	70	10,500	8,863	29,390
Rice (rough):								
1976-80	62	--	--	31	--	48	34	175
1981-85	68	--	--	41	--	85	39	233
1984	61	--	--	33	--	110	36	240
1985	55	--	--	38	--	138	36	267
1986	62	--	--	46	--	177	40	325
1987	60	--	--	44	--	154	25	283
Other grains: 4/								
1976-80	--	--	49	45	1,773	47	7	1,921
1981-85	--	--	107	40	2,589	19	4	2,760
1984	--	--	98	51	2,626	24	4	2,803
1985	--	--	86	30	2,844	8	4	2,972
1986	--	--	102	44	3,562	20	6	3,734
1987	--	--	64	48	3,420	20	6	3,558
Total grains:								
1976-80	7,849	10,043	9,037	12,633	19,495	* 19,383	15,588	* 94,039
1981-85	8,169	10,893	10,393	14,423	22,224	* 21,701	16,749	* 104,551
1984	9,232	11,977	11,361	15,731	24,392	* 23,578	18,013	* 114,284
1985	5,362	11,769	11,653	14,809	23,742	* 23,048	15,808	* 106,191
1986	8,475	10,797	11,664	13,994	25,204	* 24,107	18,385	* 112,626
1987	7,326	11,600	11,224	13,814	25,030	18,624	14,971	102,589

-- = Data not available or amount less than 1,000 tons. * = Estimate

1/ 1987 data are preliminary.

2/ Includes grain production from private plots and gardens which averaged 83,000 tons in 1976-80 and 219,000 tons in 1981-85.

3/ The accuracy of Romania's grain production data has been increasingly questioned in the 1980s. Reflecting that concern, Foreign Agricultural Service estimates for 1987 have been used in preference to Romanian reports.

4/ Includes buckwheat, millet, spelt, mixed grains, triticale, and sorghum.

Sources: See Explanatory Notes.

Table 4. Area of grains, Eastern Europe,
1976-80 and 1981-85 averages, and 1984-87 annual 1/

Commodity and Year	Bulgaria	Czecho- slovakia	GDR	Hungary 2/	Poland	Romania	Yugo- slavia	Total Eastern Europe
1,000 hectares								
Wheat:								
1976-80	938	1,229	720	1,274	1,735	2,256	1,616	9,768
1981-85	1,083	1,157	702	1,307	1,600	2,236	1,472	9,557
1984	1,126	1,209	747	1,361	1,706	2,350	1,458	9,957
1985	1,067	1,221	744	1,358	1,885	2,356	1,348	9,979
1986	1,127	1,213	749	1,318	2,025	2,530	1,346	10,308
1987	1,085	1,150	748	1,313	2,131	2,400	1,455	10,282
Rye:								
1976-80	15	186	645	81	2,997	* 40	64	* 4,028
1981-85	27	186	686	76	3,270	* 40	50	* 4,335
1984	26	197	718	75	3,545	* 40	47	* 4,648
1985	32	182	690	85	3,083	* 40	44	* 4,156
1986	30	156	680	89	2,760	* 40	42	* 3,797
1987	30	140	655	80	2,957	42	40	3,944
Barley:								
1976-80	485	919	981	237	1,288	662	298	4,870
1981-85	326	875	917	275	1,185	791	282	4,650
1984	315	790	866	269	1,055	672	271	4,238
1985	260	799	882	279	1,242	680	264	4,406
1986	318	821	895	253	1,335	575	276	4,473
1987	295	790	891	205	1,286	560	213	4,240
Oats:								
1976-80	49	162	157	36	1,067	52	215	1,738
1981-85	35	150	178	48	1,043	72	168	1,695
1984	23	140	161	44	934	67	153	1,522
1985	29	126	178	44	995	72	151	1,595
1986	28	116	163	41	924	70	152	1,494
1987	25	100	149	40	856	70	139	1,379
Corn:								
1976-80	657	202	--	1,297	41	3,295	2,256	7,748
1981-85	551	205	1	1,122	16	3,041	2,308	7,244
1984	542	235	--	1,107	15	3,091	2,331	7,321
1985	435	224	--	1,053	16	3,090	2,400	7,218
1986	574	218	--	1,118	26	3,200	2,369	7,505
1987	496	250	--	1,144	15	3,100	2,218	7,223
Rice:								
1976-80	17	--	--	23	--	21	8	69
1981-85	15	--	--	13	--	28	9	65
1984	16	--	--	13	--	33	9	71
1985	13	--	--	11	--	38	9	71
1986	13	--	--	12	--	45	9	79
1987	15	--	--	12	--	47	9	83
Other grains: 3/								
1976-80	--	--	20	* 10	740	28	6	* 804
1981-85	--	--	31	* 16	980	15	3	* 1,046
1984	--	--	26	* 18	904	20	3	* 971
1985	--	--	25	* 12	984	9	3	* 1,033
1986	--	--	27	* 14	1,194	10	3	* 1,248
1987	--	--	19	18	1,120	10	4	1,171
Total grains:								
1976-80	2,161	2,698	2,524	* 2,958	7,868	6,354	4,463	29,026
1981-85	2,038	2,573	2,515	* 2,856	8,094	6,223	4,292	28,591
1984	2,048	2,571	2,518	* 2,887	8,159	6,273	4,272	28,728
1985	1,836	2,552	2,519	* 2,842	8,205	6,285	4,219	28,458
1986	2,090	2,524	2,514	* 2,845	8,264	6,470	4,197	28,899
1987	1,946	2,430	2,462	2,812	8,365	6,229	4,078	28,322

-- = Data not available, or amount less than 1,000 hectares. * = Estimate.

1/ 1987 data are preliminary. 2/ Area under socialist cultivation only.

3/ Includes buckwheat, millet, spelt, mixed grains, triticale, and sorghum.

Sources: See Explanatory Notes.

Table 5. Grain imports, Eastern Europe, 1976-80
and 1981-85 averages, and 1983-86 annual

Commodity and country	1976-80	1981-85	1983	1984	1985	1986
1,000 tons						
Wheat:						
Bulgaria	124	165	--	54	652	235
Czechoslovakia	519	202	219	206	105	92
GDR	953	1,189	1,543	1,657	1,219	227
Hungary	8	26	1	--	28	--
Poland	2,723	2,634	2,368	2,047	1,703	1,662
Romania	* 687	* 395	* 400	* 100	--	--
Yugoslavia	630	319	348	2	58	512
Total	* 5,644	* 4,930	* 4,879	* 4,066	3,765	2,728
Barley:						
Bulgaria	73	154	1	1	765	694
Czechoslovakia	126	14	--	50	--	--
GDR	782	890	1,274	1,444	796	1,230
Hungary	130	10	1	1	--	102
Poland	1,410	368	354	79	383	192
Romania	* 84	* 160	* 300	* 350	* 150	* 741
Yugoslavia	22	11	21	--	16	11
Total	* 2,627	* 1,607	* 1,951	* 1,925	* 2,110	* 2,970
Corn:						
Bulgaria	367	379	181	44	328	534
Czechoslovakia	942	566	502	368	221	176
GDR	1,775	1,007	766	606	493	608
Hungary	116	23	10	8	85	23
Poland	1,985	800	521	437	138	140
Romania	* 590	* 432	* 110	* 20	* 121	* 836
Yugoslavia	240	77	--	--	--	4
Total	* 6,015	* 3,284	* 2,090	* 1,483	* 1,386	* 2,321
Other grains: 1/						
Bulgaria	5	6	3	2	22	1
Czechoslovakia	14	* 26	* 8	--	* 64	* 98
GDR	342	* 198	* 304	* 446	* 53	* 301
Hungary	14	5	14	--	1	--
Poland	675	88	39	4	--	--
Romania	302	18	32	--	--	--
Yugoslavia	4	12	7	2	39	9
Total	* 1,356	* 354	* 407	* 454	* 179	* 409
Rice:						
Bulgaria	7	10	20	9	22	32
Czechoslovakia	78	68	48	73	74	61
GDR	44	34	23	43	29	37
Hungary	23	35	61	64	18	16
Poland	87	84	57	104	65	62
Romania	* 56	* 55	* 64	* 44	* 54	* 20
Yugoslavia	17	23	30	--	21	22
Total	* 312	* 310	* 303	* 337	* 283	* 250
Total grains:						
Bulgaria	576	715	205	110	1,789	1,496
Czechoslovakia	1,679	* 877	* 777	* 697	* 464	* 427
GDR	3,896	* 3,319	* 3,910	* 4,196	* 2,590	* 2,403
Hungary	291	98	87	73	132	141
Poland	6,880	3,974	3,339	2,671	2,289	2,056
Romania	* 1,719	* 1,061	* 906	* 514	* 325	* 1,597
Yugoslavia	913	443	406	4	134	558
Total	* 15,954	* 10,486	* 9,630	* 8,265	* 7,723	* 8,678

-- = No information reported, or amount less than 1,000 tons. * = Estimate.
1/ Rye, oats, bran, and grain sorghum.

Sources: See Explanatory Notes.

Table 6. Grain exports, Eastern Europe, 1976-80
and 1981-85 averages, and 1983-86 annual

Commodity and country	1976-80	1981-85	1983	1984	1985	1986
1,000 tons						
Wheat:						
Bulgaria	326	570	520	314	677	300
Czechoslovakia	--	* 146	* 98	--	* 170	* 31
GDR	59	* 85	* 95	* 87	* 95	* 95
Hungary	682	1,363	1,107	1,260	2,001	1,669
Poland	--	--	--	--	--	--
Romania	* 971	* 189	* 100	* 80	* 117	* 100
Yugoslavia	18	95	167	258	--	--
Total	* 2,056	* 2,448	* 2,087	* 1,999	* 3,060	* 2,195
Barley:						
Bulgaria	18	--	--	--	--	--
Czechoslovakia	59	* 38	* 50	* 100	--	--
GDR	147	* 140	* 153	* 125	* 128	* 164
Hungary	8	18	24	2	17	2
Poland	16	--	--	--	--	--
Romania	--	--	--	--	--	--
Yugoslavia	4	7	1	8	4	3
Total	252	* 202	* 228	* 235	* 149	* 169
Corn:						
Bulgaria	84	19	39	--	--	--
Czechoslovakia	6	3	--	--	--	--
GDR	--	--	--	--	--	--
Hungary	330	250	264	198	228	478
Poland	--	--	--	--	--	--
Romania	* 602	* 699	* 430	* 262	* 721	* 250
Yugoslavia	249	668	1,331	685	900	1,798
Total	* 1,271	* 1,639	* 2,064	* 1,145	* 1,849	* 2,526
Other grains: 1/						
Bulgaria	--	--	--	--	--	--
Czechoslovakia	4	* 20	* 23	--	* 37	* 56
GDR	170	* 125	* 116	* 100	* 135	* 162
Hungary	15	15	10	19	18	* 25
Poland	18	182	99	397	416	53
Romania	* 4	--	--	--	--	--
Yugoslavia	6	3	--	11	2	3
Total	* 217	* 345	* 248	* 527	* 608	* 299
Rice:						
Bulgaria	1	9	11	14	14	12
Czechoslovakia	--	--	--	--	--	--
GDR	--	--	--	--	--	--
Hungary	--	--	--	--	--	--
Poland	1	--	--	--	--	--
Romania	--	4	3	4	3	* 3
Yugoslavia	--	--	--	--	--	--
Total	2	13	14	18	17	* 15
Total grains:						
Bulgaria	429	597	570	326	691	312
Czechoslovakia	69	* 207	* 171	* 100	* 207	* 87
GDR	376	* 349	* 364	* 312	* 358	* 421
Hungary	1,035	1,645	1,405	1,479	2,264	* 2,174
Poland	35	182	99	397	416	53
Romania	* 1,577	* 892	* 533	* 346	* 841	* 353
Yugoslavia	277	774	1,499	962	906	1,804
Total	* 3,798	* 4,647	* 4,641	* 3,924	* 5,683	* 5,204

-- = No information reported, or amount less than 1,000 tons. * = Estimate.
1/ Rye, oats, bran, and grain sorghum.

Sources: See Explanatory Notes. Data for GDR are trading partners' data.

Table 7. Production of selected crops, Eastern Europe, 1976-80 and 1981-85 averages, and 1984-87 annual 1/

Commodity and Year	Bulgaria	Czechoslovakia	GDR	Hungary	Poland	Romania	Yugoslavia	Total Eastern Europe
1,000 tons								
Potatoes:								
1976-80	370	3,678	9,873	1,567	42,742	4,431	2,705	65,366
1981-85	431	3,591	10,116	1,446	36,594	5,880	2,572	60,630
1984	418	3,978	11,908	1,551	37,437	6,391	2,457	64,140
1985	439	3,450	12,350	1,378	36,546	7,294	2,413	63,870
1986	491	3,512	9,997	1,264	39,000	9,106	2,652	66,022
1987	318	3,000	12,228	1,270	36,300	8,500	2,210	63,826
Sugarbeets:								
1976-80	1,827	7,132	6,996	3,979	14,149	6,135	5,258	45,476
1981-85	1,084	7,283	7,233	4,461	15,606	6,074	6,124	47,865
1984	1,133	7,513	7,820	4,360	16,048	7,019	6,792	50,685
1985	824	7,680	7,397	4,073	14,664	6,446	6,268	47,352
1986	870	7,108	7,747	3,760	14,200	7,082	5,599	46,366
1987	772	7,400	7,683	4,224	14,720	5,500	6,238	46,537
Sunflowerseed:								
1976-80	392	17	--	300	--	821	433	1,963
1981-85	450	39	--	615	--	784	211	2,099
1984	462	43	--	600	--	851	154	2,110
1985	365	42	--	676	--	710	233	2,026
1986	489	57	--	857	--	1,004	450	2,857
1987	400	60	--	787	--	650	484	2,381
Rapeseed:								
1976-80	--	151	291	81	637	12	60	1,232
1981-85	--	255	307	86	693	28	99	1,469
1984	--	300	303	92	911	57	124	1,787
1985	--	285	380	85	1,073	35	126	1,984
1986	--	305	446	120	1,300	55	115	2,341
1987	--	331	366	105	1,200	40	68	2,110
Soybeans:								
1976-80	114	4	--	37	--	293	56	504
1981-85	82	5	--	49	--	310	180	627
1984	72	4	--	49	--	407	228	760
1985	37	4	--	46	--	317	174	578
1986	54	3	--	51	--	472	225	805
1987	34	3	--	75	--	350	237	699
Tobacco:								
1976-80	141	5	5	21	80	46	67	365
1981-85	127	6	5	21	100	30	74	363
1984	141	5	5	19	98	37	77	382
1985	126	6	6	21	111	27	80	377
1986	126	5	6	21	101	30	96	385
1987	126	5	6	21	110	27	72	367
Corn silage:								
1976-80	4,866	14,930	10,951	6,104	21,512	4,348	1,253	63,964
1981-85	5,746	16,781	11,710	6,845	14,244	5,035	2,030	62,392
1984	5,536	16,992	11,211	6,990	12,463	4,838	2,435	60,465
1985	5,544	17,562	12,884	6,592	11,646	1,294	2,204	57,726
1986	6,227	17,812	12,924	6,226	11,390	* 850	2,538	* 57,967
Hay: 2/								
1976-80	2,052	6,129	4,809	2,903	8,294	5,636	3,414	33,237
1981-85	2,000	7,219	6,032	2,468	9,172	6,423	3,046	36,360
1984	2,131	7,536	6,444	2,504	9,568	6,964	3,029	38,176
1985	1,674	8,196	6,428	2,182	9,665	7,169	2,816	38,130
1986	2,283	7,598	6,013	2,353	9,496	* 6,900	3,016	* 37,659
Feed roots:								
1976-80	690	870	2,401	692	9,055	3,605	749	18,062
1981-85	371	1,271	3,242	675	10,799	3,966	618	20,942
1984	307	1,665	4,109	736	10,891	4,770	617	23,095
1985	275	1,616	4,204	668	10,488	3,715	522	21,488
1986	273	1,327	4,981	551	10,522	* 3,000	530	* 21,184

-- = No information reported, or amount less than 1,000 tons. * = Estimate.

1/ 1987 data are preliminary and unavailable for corn silage, hay, and feed roots.

2/ Does not include meadow hay, and for Yugoslavia includes only lucerne, clover, and vetch.

Sources: See Explanatory Notes.

Table 8. Area of selected crops, Eastern Europe,
1976-80 and 1981-85 averages, and 1984-87 annual 1/

Commodity and Year	Bulgaria	Czecho- slovakia	GDR	Hungary 2/	Poland	Romania	Yugo- slavia	Total Eastern Europe
1,000 hectares								
Potatoes:								
1976-80	35	223	566	110	2,410	291	301	3,936
1981-85	39	195	491	79	2,179	312	279	3,575
1984	40	194	488	77	2,147	312	274	3,532
1985	40	188	475	70	2,095	321	274	3,463
1986	40	182	459	68	2,000	348	283	3,380
1987	37	170	448	67	1,934	350	271	3,277
Sugarbeets:								
1976-80	66	217	260	118	505	247	125	1,538
1981-85	51	212	246	115	472	273	144	1,512
1984	53	209	240	109	473	280	145	1,509
1985	50	206	233	107	436	276	150	1,458
1986	45	194	224	104	423	270	138	1,398
1987	41	190	219	117	422	271	164	1,424
Sunflowerseed:								
1976-80	233	13	--	185	--	515	214	1,160
1981-85	259	23	--	309	--	488	121	1,199
1984	253	27	--	317	--	480	81	1,158
1985	267	23	--	343	--	466	112	1,211
1986	255	25	--	391	--	470	188	1,329
1987	266	26	--	378	--	455	250	1,375
Rapeseed:								
1976-80	--	72	124	53	327	8	28	612
1981-85	--	108	128	56	329	32	48	701
1984	--	113	132	57	396	50	56	804
1985	--	117	144	56	467	59	63	906
1986	--	121	151	58	515	58	72	975
1987	--	126	148	54	530	62	45	965
Soybeans:								
1976-80	83	3	--	25	--	239	29	379
1981-85	74	3	--	26	--	307	89	500
1984	72	3	--	30	--	364	114	583
1985	71	3	--	24	--	319	101	518
1986	51	2	--	23	--	312	96	484
1987	36	2	--	36	--	350	105	529
Tobacco:								
1976-80	116	4	3	16	51	48	62	300
1981-85	105	4	3	14	51	36	61	274
1984	104	4	4	12	50	35	61	270
1985	102	4	4	13	52	35	68	278
1986	103	4	4	13	42	35	73	274
1987	91	4	4	13	53	35	61	261
Corn silage:								
1976-80	273	439	372	319	624	172	42	2,241
1981-85	356	445	369	322	431	150	72	2,146
1984	349	467	373	333	365	140	82	2,109
1985	519	440	361	276	308	75	88	2,067
1986	294	476	367	289	305	* 50	87	* 1,868
Hay: 3/								
1976-80	453	957	540	656	1,698	942	659	5,905
1981-85	485	1,006	602	583	1,820	886	627	6,009
1984	490	984	592	579	1,757	899	624	5,925
1985	500	1,013	600	572	1,761	888	627	5,961
1986	514	1,013	606	529	1,733	* 870	622	* 5,887
Feed roots:								
1976-80	14	21	55	20	258	85	35	488
1981-85	10	28	74	18	262	96	33	521
1984	9	35	88	17	252	101	32	534
1985	10	37	91	17	238	83	32	508
1986	8	33	113	16	229	* 70	32	* 501

-- = No information reported, or amount less than 1,000 hectares. * = Estimate.

1/ 1987 data are preliminary and unavailable for corn silage, hay, and feed roots.

2/ Area under socialist cultivation only.

3/ Does not include meadow hay, and for Yugoslavia includes only lucerne, clover, and vetch.

Sources: See Explanatory Notes.

Table 9. Imports of selected agricultural commodities, Eastern Europe, 1976-80 and 1981-85 averages, and 1983-86 annual 1/

Commodity and country	1976-80	1981-85	1983	1984	1985	1986
1,000 tons						
Oilseeds:						
Bulgaria	9	20	--	24	50	142
Czechoslovakia	135	* 69	* 50	* 72	50	32
GDR	55	79	63	165	75	73
Hungary	8	4	--	--	3	22
Poland	143	95	192	45	29	--
Romania	* 251	* 254	* 331	* 422	* 182	* 435
Yugoslavia	163	295	303	382	297	251
Total	* 764	* 814	* 939	* 1,110	* 686	* 955
Oilseed meal:						
Bulgaria	194	313	272	418	482	354
Czechoslovakia	643	755	701	801	785	741
GDR	949	1,082	1,413	975	838	903
Hungary	614	679	836	742	654	566
Poland	1,160	912	447	910	998	1,165
Romania	297	* 212	* 117	93	62	86
Yugoslavia	172	171	188	141	133	154
Total	4,029	* 4,124	* 3,974	4,080	3,952	3,969
Vegetable oil, edible:						
Bulgaria	1	* 11	* 6	* 24	* 13	8
Czechoslovakia	44	46	51	44	43	* 54
GDR	113	106	107	86	110	* 71
Hungary	14	10	16	7	6	* 35
Poland	78	77	83	50	65	79
Romania	9	6	2	5	4	* 5
Yugoslavia	52	121	161	114	134	96
Total	311	* 370	* 403	* 330	* 375	* 348
Meat and meat products: 2/						
Bulgaria	9	4	6	5	6	11
Czechoslovakia	26	24	27	16	29	31
GDR	24	57	112	69	17	10
Hungary	13	14	17	9	4	19
Poland	48	104	58	125	55	14
Romania	39	26	15	6	13	* 15
Yugoslavia	41	40	62	35	26	59
Total	200	269	297	265	150	* 159
Sugar: 3/						
Bulgaria	219	348	391	375	445	438
Czechoslovakia	88	147	115	187	203	156
GDR	209	261	246	313	265	304
Hungary	84	28	1	--	--	--
Poland	58	66	71	--	--	--
Romania	139	231	165	277	386	* 200
Yugoslavia	85	133	139	296	13	10
Total	882	1,213	1,128	1,448	1,312	* 1,108
Tobacco:						
Bulgaria	7	26	26	42	30	41
Czechoslovakia	21	21	18	17	21	18
GDR	20	20	20	22	20	19
Hungary	7	6	7	5	5	6
Poland	12	14	14	13	10	12
Romania	1	* 2	* 3	* 1	* 3	* 3
Yugoslavia	4	9	8	9	14	6
Total	72	* 98	* 96	* 109	* 103	* 105
Cotton:						
Bulgaria	57	72	89	67	87	80
Czechoslovakia	109	121	119	126	126	115
GDR	90	112	105	149	117	115
Hungary	93	85	81	87	81	95
Poland	163	153	129	159	166	147
Romania	111	101	63	87	102	* 100
Yugoslavia	108	117	101	127	145	126
Total	731	761	687	802	824	* 778
Hides and skins:						
Bulgaria	6	9	10	11	12	--
Czechoslovakia 4/	* 50	* 115	* 137	* 178	* 163	* 179
GDR	17	12	12	11	10	9
Hungary	31	29	32	29	25	27
Poland	42	41	39	37	48	33
Romania	44	36	36	35	30	* 30
Yugoslavia	27	31	29	30	43	32
Total	* 217	* 273	* 295	* 331	* 331	* 310

-- = No information reported, or amount less than 1,000 tons. * = Estimate.

1/ Rapeseed, soybeans, and sunflowerseed. 2/ Includes poultry meat. 3/ Total in raw equivalent.

4/ Converted from pieces to metric tons at 22 kilograms per piece.

Sources: See Explanatory Notes; statistical yearbooks of trading partners.

Table 10. Exports of selected agricultural commodities, Eastern Europe, 1976-80 and 1981-85 averages, and 1983-86 annual 1/

Commodity and country	1976-80	1981-85	1983	1984	1985	1986
1,000 tons						
Oilseeds:						
Bulgaria	22	13	12	11	14	2
Czechoslovakia	2	1	--	--	--	--
GDR	21	16	16	12	4	5
Hungary	86	124	91	130	132	105
Poland	51	60	1	59	239	505
Romania	4	* 2	* 2	3	2	2
Yugoslavia	16	2	3	2	2	2
Total	202	* 218	* 125	217	393	621
Oilseed meal:						
Bulgaria	--	--	--	--	54	--
Czechoslovakia	20	1	1	--	2	--
GDR	6	5	13	7	--	--
Hungary	* 1	* 8	* 1	* 2	--	--
Poland	* 5	32	--	34	122	31
Romania	--	--	--	--	--	--
Yugoslavia	3	5	1	--	20	56
Total	* 35	* 62	* 16	* 43	198	87
Vegetable oil, edible:						
Bulgaria	16	32	37	70	7	16
Czechoslovakia	1	--	--	--	--	--
GDR	--	--	--	--	--	--
Hungary	58	169	164	179	168	208
Poland	57	18	5	36	38	49
Romania	122	86	97	110	34	57
Yugoslavia	14	5	2	10	1	2
Total	268	308	305	405	248	332
Meat and meat products: 2/						
Bulgaria	108	114	112	128	126	137
Czechoslovakia	32	47	39	46	--	--
GDR	133	* 134	130	* 144	* 137	* 128
Hungary	285	423	441	490	414	421
Poland	156	81	79	84	95	129
Romania	187	173	110	145	266	* 250
Yugoslavia	94	147	149	162	168	137
Total	995	* 1,119	1,060	* 1,199	* 1,206	* 1,202
Sugar: 3/						
Bulgaria	2	2	--	--	12	40
Czechoslovakia	210	199	115	234	279	367
GDR	* 82	* 131	* 120	* 111	* 222	* 345
Hungary	31	43	50	3	44	5
Poland	208	182	233	314	188	142
Romania	* 72	* 68	* 79	* 3	* 136	* 320
Yugoslavia	78	30	18	17	106	48
Total	* 683	* 656	* 615	* 682	* 987	* 1,267
Tobacco:						
Bulgaria	69	63	63	62	60	62
Czechoslovakia	1	--	--	--	--	--
GDR	2	1	--	--	1	1
Hungary	1	3	4	4	1	3
Poland	9	5	5	6	7	11
Romania	7	* 4	* 4	* 3	* 3	* 3
Yugoslavia	24	22	28	18	15	14
Total	113	* 98	* 104	* 93	* 87	* 94

-- = No information reported, or amount less than 1,000 tons. * = Estimate.

1/ Rapeseed, soybeans, and sunflowerseed. 2/ Includes poultry meat.

3/ Total in raw equivalent.

Sources: See Explanatory Notes; statistical yearbooks of trading partners.

Table 11. January livestock numbers, Eastern Europe,
1976-80 and 1981-85 averages, and 1985-88 annual 1/

Category and year	Bulgaria	Czecho- slovakia	GDR	Hungary	Poland	Romania	Yugo- slavia	Total Eastern Europe
1,000 head								
Cattle:								
1976-80	1,733	4,754	5,544	1,926	12,339	6,361	5,575	38,232
1981-85	1,783	5,115	5,756	1,919	11,163	6,565	5,366	37,667
1985	1,751	5,150	5,848	1,901	10,906	7,039	5,199	37,794
1986	1,706	5,066	5,827	1,766	10,774	7,077	5,034	37,250
1987	1,678	5,073	5,804	1,725	10,522	7,225	5,030	37,057
1988	1,649	5,044	5,721	1,664	10,200	7,325	4,881	36,484
Cows:								
1976-80	697	1,902	2,145	773	5,914	2,612	3,181	17,224
1981-85	699	1,896	2,112	747	5,670	2,600	3,043	16,767
1985	687	1,880	2,080	725	5,605	2,593	2,997	16,567
1986	670	1,860	2,064	688	5,331	2,556	2,915	16,084
1987	653	1,842	2,045	676	5,021	2,680	2,893	15,810
1988	646	1,830	2,012	682	4,830	2,700	2,902	15,602
Hogs:								
1976-80	3,669	7,240	11,683	7,805	20,219	9,997	7,513	68,126
1981-85	3,793	7,227	12,819	8,953	17,689	13,155	8,536	72,171
1985	3,734	6,743	13,191	9,255	17,207	14,777	8,673	73,580
1986	3,912	6,651	12,946	8,280	19,170	14,319	7,821	73,099
1987	4,050	6,833	12,840	8,687	19,619	14,711	8,459	75,199
1988	4,034	7,235	12,503	8,216	19,373	14,700	8,322	74,383
Sheep:								
1976-80	10,105	837	1,925	2,560	3,452	14,818	7,504	41,201
1981-85	10,680	994	2,258	3,044	3,816	17,432	7,474	45,699
1985	10,501	1,068	2,528	2,832	4,413	18,637	7,678	47,657
1986	9,724	1,087	2,587	2,465	4,720	18,609	7,693	46,885
1987	9,563	1,104	2,647	2,337	4,725	18,762	7,819	46,957
1988	8,886	1,110	2,656	2,336	4,478	18,900	7,824	46,190
Horses:								
1976-80	126	54	67	141	1,970	565	751	3,674
1981-85	119	45	83	111	1,641	* 605	499	* 3,103
1985	119	46	101	102	1,504	* 640	438	* 2,950
1986	120	46	105	98	1,324	672	409	2,774
1987	121	46	105	95	1,195	* 686	384	* 2,632
1988	123	46	105	88	1,200	700	362	2,624
Poultry:								
1976-80	39,989	44,871	49,102	63,002	86,259	90,858	59,752	433,833
1981-85	42,081	48,676	52,339	65,082	70,286	112,258	69,448	460,170
1985	42,277	48,519	51,317	62,046	69,300	123,962	70,453	467,874
1986	39,227	47,278	50,680	61,570	72,300	124,770	78,281	474,106
1987	39,735	48,717	50,216	67,010	59,200	130,941	79,696	475,515
1988	41,424	49,500	50,719	69,000	NA	133,000	78,588	NA

* = Estimate. NA = Not available.

1/ 1988 data are preliminary.

Sources: See Explanatory Notes.

Table 12. Production of principal livestock products, Eastern Europe, 1976-80 and 1981-85 averages, and 1984-87 annual 1/

Category and year	Bulgaria	Czechoslovakia	GDR	Hungary	Poland	Romania	Yugoslavia	Total Eastern Europe
1,000 tons								
Beef and veal: 2/								
1976-80	143	424	447	203	869	306	362	2,754
1981-85	162	442	442	204	735	* 242	372	* 2,599
1984	166	462	436	203	725	* 235	388	* 2,615
1985	167	468	460	218	753	* 245	367	* 2,678
1986	163	468	476	196	900	* 206	353	* 2,762
1987	165	467	485	200	833	245	332	2,727
Mutton, lamb, and goat meat: 2/								
1976-80	99	6	20	15	29	76	60	305
1981-85	117	10	19	21	30	* 74	60	* 331
1984	123	11	21	23	28	* 75	59	* 340
1985	126	12	22	23	39	* 80	63	* 365
1986	121	11	22	20	44	* 80	63	* 361
1987	120	10	22	20	29	80	65	346
Pork: 2/, 3/								
1976-80	349	803	1,198	922	1,728	876	720	6,596
1981-85	387	837	1,317	1,097	1,406	* 959	798	* 6,801
1984	391	846	1,346	1,211	1,228	* 983	876	* 6,881
1985	390	853	1,405	1,100	1,463	* 1,020	773	* 7,004
1986	434	864	1,430	1,048	1,788	* 1,012	795	* 7,371
1987	420	857	1,460	1,038	1,729	1,045	863	7,412
Poultry meat: 2/								
1976-80	149	159	137	328	374	363	250	1,760
1981-85	157	170	154	320	279	* 462	293	* 1,835
1984	166	169	157	405	255	* 465	313	* 1,930
1985	158	172	162	405	290	* 520	299	* 2,006
1986	167	176	156	440	332	* 548	329	* 2,148
1987	165	181	159	470	370	512	323	2,180
Total meat: 2/, 4/								
1976-80	745	1,423	1,821	1,472	3,064	1,623	1,398	11,546
1981-85	826	1,501	1,954	1,726	2,587	* 1,741	1,594	* 11,928
1984	848	1,536	1,988	1,846	2,526	* 1,780	1,708	* 12,232
1985	843	1,547	2,077	1,745	2,792	* 1,850	1,572	* 12,426
1986	886	1,563	2,116	1,705	3,123	* 1,811	1,600	* 12,804
1987	872	1,575	2,145	1,730	2,965	1,845	1,585	12,717
Milk: 5/, 6/								
1976-80	1,653	5,629	7,136	2,283	16,805	4,164	4,136	41,806
1981-85	2,076	6,410	7,324	2,752	15,983	3,841	4,591	42,977
1984	2,164	6,763	7,638	2,800	16,742	4,060	4,577	44,744
1985	2,120	6,942	7,913	2,729	16,446	4,324	4,684	45,158
1986	2,174	7,075	8,188	2,778	15,793	4,243	4,665	44,916
1987	2,180	7,100	8,080	2,786	15,400	4,325	4,741	44,612
Million pieces								
Eggs:								
1976-80	2,163	4,691	5,287	4,475	8,523	6,583	4,117	35,839
1981-85	2,585	5,247	5,718	4,351	8,186	7,577	4,588	38,251
1984	2,680	5,504	5,779	4,327	8,202	8,013	4,640	39,145
1985	2,742	5,499	5,596	4,228	8,636	8,235	4,692	39,628
1986	2,820	5,558	5,634	4,290	8,303	8,884	4,770	40,259
1987	2,846	5,544	5,650	4,120	8,000	9,000	4,922	40,082

* = Estimate.

1/ 1987 data are preliminary.

2/ Data include offal and edible slaughter fat, and live animal exports for slaughter. CMEA data except for Yugoslavia.

3/ Yugoslav series revised to omit double counting of some offals.

4/ Data include horse and rabbit meat.

5/ Data include only cow milk for consumption in Romania, Yugoslavia, and Hungary. Data in the remaining countries include milk sucked by calves.

6/ The GDR began a new series for milk production in 1986, based on 4.0 percent fat content. In consequence, the present series has been revised, converting earlier data by dividing by a factor of 1.1428.

Sources: See Explanatory Notes; various reports of U.S. Agricultural Counselors in Belgrade, Berlin, Budapest, and Warsaw.

Table 13. Per capita consumption of selected foods,
Eastern Europe, 1975, 1980, and 1983-87 1/

Commodity and year	Bulgaria	Czecho- slovakia	GDR	Hungary	Poland	Romania 2/	Yugo- slavia
Kilograms							
Total meat: 3/							
1975	60.6	81.1	77.8	89.9	78.4	45.7	48.3
1980	64.9	85.6	89.5	93.6	82.1	60.0	54.2
1983	73.8	83.7	92.1	98.3	65.4	4/ 58.0	53.1
1984	74.5	84.8	94.4	101.2	63.6	4/ 57.0	56.6
1985	76.9	85.8	96.2	100.5	67.3	4/ 56.0	54.6
1986	* 78.0	87.3	97.0	101.2	73.7	4/ 56.0	* 54.0
1987	77.0	87.4	99.4	101.5	70.0	4/ 55.0	54.0
Eggs: 5/							
1975	146	297	269	274	209	214	166
1980	204	316	289	317	223	270	190
1983	231	328	302	327	200	270	193
1984	236	337	303	320	210	270	175
1985	256	344	305	325	220	280	174
1986	256	346	299	315	208	295	* 175
Vegetable oil: 6/							
1975	14.1	9.2	10.4	2.9	6.5	--	10.6
1980	14.8	9.8	9.9	4.2	6.8	--	11.3
1983	14.8	10.1	10.1	5.0	5.8	--	12.3
1984	15.0	10.4	10.2	4.9	6.8	--	11.8
1985	15.5	10.6	10.3	5.3	7.1	--	12.7
1986	15.4	--	9.9	5.6	6.8	--	* 13.0
Sugar:							
1975	32.5	38.0	36.8	39.4	43.2	20.3	32.8
1980	34.7	37.5	40.6	37.9	41.4	28.2	36.6
1983	35.4	37.8	39.2	35.6	45.0	--	34.5
1984	35.7	37.5	39.1	34.2	45.0	--	31.8
1985	35.1	35.4	39.6	35.3	41.3	--	35.3
1986	35.1	37.5	39.6	35.0	41.0	--	* 35.0
Grain, in flour equivalent:							
1975	162	108	95	118	120	189	183
1980	160	107	95	115	127	172	178
1983	150	108	97	111	118	173	178
1984	146	109	100	111	116	173	174
1985	144	111	99	110	118	174	175
1986	144	110	98	109	117	175	* 175
Vegetables:							
1975	127	74	90	85	109	113	87
1980	125	66	94	80	101	140	97
1983	127	71	91	78	103	170	83
1984	138	81	93	77	116	170	91
1985	127	75	104	76	105	170	81
1986	134	74	100	75	114	170	* 85
Potatoes:							
1975	23	96	142	67	173	96	66
1980	27	76	143	61	158	71	61
1983	31	79	144	58	154	100	61
1984	30	81	146	59	149	105	55
1985	33	78	143	54	143	105	51
1986	33	80	145	53	144	110	* 52

-- = Data not available. * = Estimate.

1/ 1987 data are preliminary and available for meat only. 2/ Revista Economica, Bucharest, Dec. 29, 1978; Lumea, Oct. 30, 1981; Bucharest Domestic Service, Nov. 1, 1981; Scinteia, Nov. 29, 1981, Bucharest; unpublished official statistics; estimates. 3/ Hungarian series revised to include edible offals and fats. Vestnik statistiki #4, 1985, Moscow. 4/ Includes fish. Estimates may overstate consumption. Reports indicate a decline in meat availability in urban areas in recent years as exports have increased. 5/ Units. 6/ Numbers for Bulgaria and Hungary exclude vegetable oil used in margarine production. All numbers believed to be given in fat weight.

Sources: See Explanatory Notes and footnotes 2 and 3 above.

Table 14. Total and agricultural trade, Eastern Europe, 1981-87 1/

Category and year	Bulgaria	Czecho-slovakia	GDR	Hungary	Poland	Romania	Yugo-slavia	Total Eastern Europe
\$ million								
Exports:								
1981	10,685	14,782	19,856	8,894	13,249	12,367	10,363	90,196
1982	11,428	15,694	21,743	9,057	11,214	11,559	10,460	91,155
1983	12,129	16,477	23,793	8,881	11,572	11,512	9,913	94,277
1984	12,850	17,153	24,838	8,836	11,647	12,646	10,136	98,106
1985	13,341	17,474	25,268	8,935	11,489	12,167	10,622	99,296
1986	12,963	20,456	24,189	9,140	11,913	12,543	11,084	102,288
1987	13,415	21,150	23,730	9,780	12,460	14,185	11,505	106,225
Imports:								
1981	10,779	14,634	20,181	8,855	15,476	12,264	15,528	97,717
1982	11,527	15,592	20,196	8,579	10,244	9,745	12,484	88,367
1983	12,283	16,324	21,525	8,453	10,590	9,643	11,144	89,962
1984	12,714	17,078	22,940	8,024	10,547	10,334	10,925	92,562
1985	13,647	17,548	22,433	8,324	10,836	10,432	11,210	94,430
1986	13,925	21,055	22,100	9,688	11,114	10,590	11,786	100,258
1987	14,410	21,350	21,130	10,170	11,660	11,000	12,723	102,443
Balance:								
1981	-94	148	-325	39	-2,227	103	-5,165	-7,521
1982	-99	102	1,547	478	970	1,814	-2,024	2,788
1983	-154	153	2,268	428	982	1,869	-1,231	4,315
1984	136	75	1,898	812	1,100	2,312	-789	5,544
1985	-306	-74	2,835	611	653	1,735	-588	4,866
1986	-962	-599	2,089	-548	799	1,953	-702	2,030
1987	-995	-200	2,600	-390	800	3,185	-1,218	3,782
Agricultural exports:								
1981	1,796	636	609	2,251	661	1,320	1,202	8,475
1982	1,873	586	489	2,243	666	1,011	1,252	8,120
1983	1,763	553	403	2,038	789	845	1,188	7,579
1984	1,594	516	387	1,965	907	774	1,081	7,224
1985	1,554	580	425	1,847	961	833	1,020	7,220
1986	1,659	612	498	1,878	979	880	940	7,446
Agricultural imports:								
1981	798	1,890	2,224	1,041	3,104	1,573	1,478	12,108
1982	629	1,783	2,019	732	1,874	844	1,308	9,189
1983	820	1,685	2,443	796	1,347	752	1,104	8,947
1984	829	1,619	2,331	759	1,490	682	1,149	8,859
1985	1,107	1,767	1,743	729	1,369	558	1,099	8,372
1986	1,091	1,868	1,910	859	1,310	729	1,212	8,979
Agricultural trade balance:								
1981	998	-1,254	-1,615	1,210	-2,443	-253	-276	-3,633
1982	1,244	-1,197	-1,530	1,511	-1,208	167	-56	-1,069
1983	943	-1,132	-2,040	1,242	-558	93	84	-1,368
1984	765	-1,103	-1,944	1,206	-583	92	-68	-1,635
1985	447	-1,187	-1,318	1,118	-408	275	-79	-1,152
1986	568	-1,256	-1,412	1,019	-331	151	-272	-1,533

1/ 1987 data are preliminary and unavailable for agricultural trade.

Sources: See Explanatory Notes; United Nations and IMF data for total imports and exports.

Table 15. U.S. total and agricultural trade with Eastern Europe,
1976-80 and 1981-85 averages, and 1985-87 annual

Category and year	Bulgaria	Czecho-slovakia	GDR	Hungary	Poland	Romania	Yugo-slavia	Total Eastern Europe
\$ million								
Total exports:								
1976-80	68.7	206.2	366.0	85.0	666.3	418.3	548.4	2,359.0
1981-85	116.8	80.4	188.2	86.5	370.3	282.3	567.7	1,692.2
1985	103.5	62.6	76.9	92.1	238.3	207.3	593.2	1,373.9
1986	95.9	67.5	70.6	88.2	145.9	249.2	520.8	1,238.1
1987	88.3	46.9	56.9	94.1	241.9	192.1	459.4	1,179.6
Total imports:								
1976-80	21.6	49.2	29.0	76.5	385.0	284.3	389.7	1,235.4
1981-85	29.6	70.1	78.6	170.5	239.2	637.9	439.6	1,665.4
1985	34.0	74.9	90.3	216.6	217.0	881.3	552.5	2,066.6
1986	49.7	85.3	85.3	223.9	231.0	750.0	647.1	2,072.3
1987	37.3	78.1	84.3	278.8	295.6	716.3	797.0	2,287.4
Balance:								
1976-80	47.2	157.0	337.0	8.5	281.2	134.0	158.7	1,123.6
1981-85	87.2	10.3	109.7	-84.0	131.1	-355.6	128.1	26.8
1985	69.5	-12.3	-13.4	-124.5	21.3	-674.0	40.7	-692.7
1986	46.2	-17.8	-14.7	-135.7	-85.1	-500.8	-126.3	-834.2
1987	51.0	-31.2	-27.4	-184.7	-53.7	-524.2	-337.6	-1,107.8
Direct agricul-tural exports: 1/								
1976-80	48.4	133.6	206.8	31.6	500.0	247.5	156.1	1,324.0
1981-85	73.3	37.9	162.6	31.2	252.9	171.7	182.4	912.0
1985	50.9	19.4	64.9	35.3	92.2	81.4	135.0	479.1
1986	51.3	21.0	61.1	27.1	33.1	116.1	124.4	434.1
1987	46.7	16.3	35.1	19.2	103.3	98.8	116.3	435.7
Total agricul-tural exports: 2/								
1976-80	50.8	181.2	352.1	37.0	519.1	256.0	171.1	1,567.2
1981-85	74.5	49.5	176.9	31.2	254.0	180.7	191.8	958.6
1985	50.9	19.4	64.9	35.3	92.2	81.4	135.0	479.1
1986	51.3	21.0	61.1	27.1	33.1	116.1	124.4	434.1
1987	46.7	16.3	35.1	19.2	103.3	98.8	116.3	435.7
Total agricul-tural imports: 2/								
1976-80	19.9	6.7	2.1	29.0	148.8	26.5	85.2	318.1
1981-85	23.5	10.2	1.8	42.4	96.9	19.0	64.6	258.5
1985	20.8	7.6	2.5	55.7	106.9	8.9	60.9	263.3
1986	22.1	14.3	0.5	61.9	132.2	12.4	66.6	310.0
1987	24.0	13.0	0.5	67.8	141.1	19.4	68.8	334.6
Balance:								
1976-80	30.9	174.4	350.1	8.0	370.3	229.6	85.8	1,249.1
1981-85	51.0	39.3	175.1	-11.2	157.1	161.7	127.1	700.1
1985	30.1	11.8	62.4	-20.4	-14.7	72.5	74.1	215.8
1986	29.2	6.7	60.6	-34.8	-99.1	103.7	57.8	124.1
1987	22.7	3.3	34.6	-48.6	-37.8	79.4	47.5	101.1

1/ Includes estimated transshipments through Canada. 2/ Data from before 1984 include estimated transshipments through Belgium, Canada, the Federal Republic of Germany, and the Netherlands, in addition to Canada. Beginning in 1984, the non-Canadian transshipments are not included because of their decline in value and the difficulty in obtaining data.

Sources: Bureau of the Census, Dept. of Commerce; U.S. Export Sales, FAS/USDA.

Table 16. Volume and value of U.S. agricultural exports to Eastern Europe,
1976-80 and 1981-85 averages, and 1985-87 annual 1/

Commodity and country	Volume					Value				
	1976-80	1981-85	1985	1986	1987	1976-80	1981-85	1985	1986	1987
	1,000 tons					\$ million				
Total grain:										
Bulgaria	230	326	269	194	448	27.8	44.9	28.8	22.3	33.3
Czechoslovakia	723	180	--	--	--	97.2	23.3	--	--	--
GDR	2,074	1,086	457	338	307	265.9	142.6	49.9	30.7	22.9
Hungary	44	5	--	--	--	5.2	0.2	--	--	--
Poland	2,769	696	167	62	1,118	330.5	102.4	23.1	8.9	82.5
Romania	864	394	105	322	--	107.1	57.5	10.7	30.9	--
Yugoslavia	522	218	--	366	671	73.0	28.9	--	33.2	50.2
Total	7,226	2,906	998	1,282	2,544	906.7	399.7	112.5	126.0	188.9
Wheat:										
Bulgaria	--	--	--	--	--	--	--	--	--	--
Czechoslovakia	165	--	--	--	--	28.9	--	--	--	--
GDR	294	56	--	--	--	45.7	10.2	--	--	--
Hungary	--	--	--	--	--	--	--	--	--	--
Poland	617	73	85	59	903	83.1	12.0	12.3	7.9	70.4
Romania	244	13	--	--	--	33.9	1.7	--	--	--
Yugoslavia	250	135	--	364	437	41.9	19.1	--	32.4	33.5
Total	1,570	277	85	423	1,340	233.5	42.9	12.3	40.3	103.9
Corn:										
Bulgaria	240	314	210	194	448	27.8	41.9	23.3	22.3	33.3
Czechoslovakia	549	180	--	--	--	67.0	23.3	--	--	--
GDR	1,650	947	457	336	305	207.0	122.4	49.9	30.0	22.4
Hungary	21	--	--	--	--	2.4	--	--	--	--
Poland	1,840	617	78	--	11	212.1	87.6	9.9	--	0.8
Romania	544	382	105	211	--	66.1	55.7	10.7	20.8	--
Yugoslavia	254	77	--	--	209	29.4	9.1	--	--	14.6
Total	5,098	2,516	850	741	973	611.8	339.9	93.8	73.1	71.1
Soybeans:										
Bulgaria	--	13	22	47	45	--	3.6	5.0	9.7	9.1
Czechoslovakia	6	5	13	--	--	4.4	1.2	3.1	--	--
GDR	5	3	--	12	--	1.2	0.8	--	3.8	--
Hungary	--	--	--	--	--	--	--	--	--	--
Poland	134	91	--	--	--	35.6	23.4	--	--	--
Romania	222	234	98	239	408	54.9	61.5	22.4	49.5	81.8
Yugoslavia	155	238	235	179	139	42.2	61.1	50.2	36.6	27.5
Total	522	584	368	477	592	138.3	151.7	80.7	99.6	118.4
Vegetable oil:										
Bulgaria	--	--	--	--	--	--	--	--	--	--
Czechoslovakia	--	--	--	--	--	--	--	--	--	--
GDR	1	--	--	--	--	1.0	--	--	--	--
Hungary	--	--	--	--	--	--	--	--	--	--
Poland	15	9	4	4	1	8.8	7.2	4.0	2.5	.7
Romania	--	--	--	--	--	--	--	--	--	--
Yugoslavia	4	31	--	--	--	2.4	13.4	--	--	--
Total	20	40	4	4	1	12.2	20.6	4.0	2.5	.7
Soybean meal and cake:										
Bulgaria	73	71	--	18	--	16.9	16.8	--	3.0	--
Czechoslovakia	281	39	--	--	--	56.7	8.5	--	--	--
GDR	345	101	47	116	26	75.7	--	8.4	22.6	6.1
Hungary	95	91	105	77	72	22.8	20.0	18.7	18.6	15.3
Poland	356	148	81	--	27	76.1	35.2	13.9	--	6.7
Romania	158	91	24	26	11	36.0	24.1	4.7	6.7	2.8
Yugoslavia	133	111	59	118	97	27.8	24.8	12.7	24.2	19.7
Total	1,441	653	316	355	233	312.0	154.1	58.4	75.1	50.6

See notes at end of table.

Continued--

Table 16. Volume and value of U.S. agricultural exports to Eastern Europe, 1976-80 and 1981-85 averages, and 1985-87 annual--continued 1/

Commodity and country	Volume					Value				
	1976-80	1981-85	1985	1986	1987	1976-80	1981-85	1985	1986	1987
	1,000 tons					\$ million				
Cotton:										
Bulgaria	--	--	--	--	--	--	--	--	--	--
Czechoslovakia	--	--	--	--	--	--	--	--	--	--
GDR	--	1	1	--	1	--	.2	.8	--	1.5
Hungary	--	--	--	--	--	--	.8	--	--	--
Poland	8	1	--	--	5	12.3	3.0	--	--	8.2
Romania	10	--	--	--	--	15.4	--	--	--	--
Yugoslavia	--	19	28	4	2	--	33.2	47.2	8.0	5.1
Total	18	21	29	4	8	27.7	37.2	48.0	8.0	14.8
Cattle hides: 2/										
Bulgaria	41	29	79	10	--	1.1	1.3	3.1	.4	--
Czechoslovakia	589	464	418	524	315	15.2	14.3	13.9	19.1	14.1
GDR	33	--	--	--	--	.7	.1	--	--	--
Hungary	183	99	39	40	19	3.9	3.3	1.6	1.4	.6
Poland	441	402	403	179	39	12.6	12.1	13.5	6.3	1.5
Romania	1,486	1,028	1,169	705	293	38.8	34.5	41.0	25.0	12.9
Yugoslavia	461	379	383	206	81	9.9	15.7	16.3	12.3	4.7
Total	3,234	2,400	2,491	1,664	747	82.2	81.3	89.4	64.5	33.8
Other:										
Bulgaria	--	--	--	--	--	4.9	7.9	14.0	15.9	4.3
Czechoslovakia	--	--	--	--	--	10.3	2.2	2.4	1.9	2.2
GDR	--	--	--	--	--	3.5	8.6	5.8	4.0	4.6
Hungary	--	--	--	--	--	4.6	6.9	15.0	7.1	3.3
Poland	--	--	--	--	--	42.6	70.8	37.7	15.4	3.7
Romania	--	--	--	--	--	5.8	3.1	2.6	4.0	1.3
Yugoslavia	--	--	--	--	--	26.6	14.6	8.6	10.1	9.1
Total	--	--	--	--	--	98.3	114.1	86.1	58.4	28.5
Total:										
Bulgaria	--	--	--	--	--	50.7	74.5	50.9	51.3	46.7
Czechoslovakia	--	--	--	--	--	183.8	49.5	19.4	21.0	16.3
GDR	--	--	--	--	--	348.0	176.9	64.9	61.1	35.1
Hungary	--	--	--	--	--	36.5	31.2	35.3	27.1	19.2
Poland	--	--	--	--	--	518.5	254.0	92.2	33.1	103.3
Romania	--	--	--	--	--	258.0	180.7	81.4	116.1	98.8
Yugoslavia	--	--	--	--	--	181.9	191.8	135.0	124.4	116.3
Total	--	--	--	--	--	1,577.4	958.6	479.1	434.1	435.7

-- = Amount less than 1,000 tons, \$1 million, or not applicable.

1/ Data from before 1984 include estimated transshipments through Belgium, Canada, the Federal Republic of Germany, and the Netherlands, in addition to Canada. Beginning in 1984, the non-Canadian transshipments are not included because of their decline in value and the difficulty in obtaining data.

2/ 1,000 pieces.

Sources: Bureau of the Census, U.S. Dept. of Commerce.

Table 17. Volume and value of U.S. agricultural imports from Eastern Europe, 1976-80 and 1981-85 averages, and 1985-87 annual

Commodity and country	1976-80	1981-85	1985	1986	1987
1,000 tons					
Processed meat:					
Bulgaria	--	--	--	--	--
Czechoslovakia	1.1	1.2	1.2	1.0	1.0
GDR	--	--	--	--	--
Hungary	7.6	11.2	17.4	15.7	16.3
Poland	39.4	25.7	32.7	36.6	37.7
Romania	6.9	3.9	2.0	3.5	6.7
Yugoslavia	14.6	11.0	9.4	8.5	10.4
Total	69.6	52.9	62.7	65.3	72.1
\$ million					
Processed meat:					
Bulgaria	--	--	--	--	--
Czechoslovakia	3.4	3.2	2.5	2.6	2.7
GDR	.1	--	--	--	--
Hungary	23.7	31.3	40.6	41.5	43.9
Poland	131.3	81.0	91.7	115.1	121.0
Romania	18.9	9.0	3.9	7.6	16.0
Yugoslavia	47.2	30.9	20.6	22.9	29.9
Total	224.6	155.5	159.3	189.7	213.5
Other products: 1/					
Bulgaria	19.9	23.5	20.8	22.1	24.0
Czechoslovakia	3.3	7.0	5.1	11.5	10.2
GDR	2.0	1.8	2.5	.5	.5
Hungary	5.2	11.1	15.1	20.4	23.9
Poland	17.5	16.0	15.2	18.1	20.1
Romania	7.6	10.0	5.0	4.8	3.4
Yugoslavia	38.0	33.7	40.3	43.7	38.9
Total	93.5	103.1	104.0	121.1	121.0
Total:					
Bulgaria	19.9	23.5	20.8	22.1	24.0
Czechoslovakia	6.7	10.2	7.6	14.1	12.9
GDR	2.1	1.8	2.5	.5	.5
Hungary	28.9	42.4	55.7	61.9	67.8
Poland	148.8	96.9	106.9	133.2	141.1
Romania	26.5	19.0	8.9	12.4	19.4
Yugoslavia	85.2	64.6	60.9	66.6	68.8
Total	318.1	258.5	263.3	310.8	334.5

-- = Amount less than 1,000 tons, \$1 million, or not applicable.

1/ Principally tobacco and wine.

Sources: Bureau of the Census, U.S. Dept. of Commerce.

