

Commission of the European Communities

INFORMATION ON AGRICULTURE

**Cereals and meat in Eastern Europe –
Production, consumption and trade**

SECTION II: TABLES

No. 46
May 1978

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FOREWORD BY THE PUBLISHERS

The study "Cereals and meat production, consumption and trade in Eastern Europe" was undertaken by

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The Commission Divisions concerned with "Statistics , Balance sheets and general studies" and "Agricultural affairs affecting relations with non-member countries" of DG Agriculture collaborated in the study.

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This study does not necessarily reflect the views of the Commission of the European Communities and in no way commits the Commission as to its future position in this field.

TABLES

Page

- List of tables
- Notes on the tables
- Tables
- Select bibliography

VI
199
200
280

List of tables

<u>Table</u>	<u>Page</u>
1 Production and consumption of cereals and meat in the Comecon countries	201
2 Breakdown of agriculture in the Comecon countries between socialized and private sectors	202
3 Breakdown of cereal production in Comecon by species	203
4 Yields of the main cereals in Comecon	204
5 Breakdown of the area under cereals in Comecon by species	205
6 Utilized agricultural area and arable land in the Comecon countries	206
7 Area under cereals in the Comecon countries	207
8 Gross production of cereals in the Comecon countries	208
9 Average yield of cereals in the Comecon countries	209
10 Area under all wheat and winter wheat in the Comecon countries	210
11 Gross production of all wheat and winter wheat in the Comecon countries	211
12 Wheat yield per hectare in the Comecon countries	212
13 Area under barley, gross production and yield per hectare in the Comecon countries	213
14 Area under rye, gross production and yield per hectare in the Comecon countries	214
15 Area under oats, gross production and yield per hectare in the Comecon countries	215
16 Area under grain maize, gross production and yield per hectare in the Comecon countries	216
17 Area under grain legumes, gross production and yield per hectare in the Comecon countries	217
18 Mineral fertilizer used in the Comecon countries	218
19 Cattle numbers in the Comecon countries	219
20 Cow numbers in the Comecon countries	220
21 Pig numbers in the Comecon countries	221
22 Sheep numbers in the Comecon countries	222
23 Horse numbers in the Comecon countries	223
24 Poultry numbers in the Comecon countries	224
25 Livestock numbers in the Comecon countries: 1975-1985	225

<u>Table</u>	<u>Page</u>
26 Livestock numbers per 100 ha utilized agricultural area	227
27 Percentage of livestock owned by private farmers in the Comecon countries	228
28 Breakdown of Comecon meat production by animal species or category of meat	229
29 Breakdown of meat production in the Comecon countries from 1960 to 1985 by animal species	231
30 Gross meat production in Comecon and breakdown by country	233
31 Breakdown of meat production by animal species in the Comecon countries from 1975 to 1985	236
32 Per capita consumption of selected foodstuffs in Bulgaria	237
33 Per capita consumption of selected foodstuffs in the German Democratic Republic	238
34 Per capita consumption of selected foodstuffs in Poland	239
35 Per capita consumption of selected foodstuffs in Romania	240
36 Per capita consumption of selected foodstuffs in the Soviet Union	241
37 Per capita consumption of selected foodstuffs in Czechoslovakia	242
38 Per capita consumption of selected foodstuffs in Hungary	243
39 Percentage per capita leakage between production and consumption of meat in the Comecon countries, after allowance for external trade	244
40 Population trends in the Comecon countries from 1965-1985 (end of year, millions)	245
41 Breakdown of cereal consumption in Bulgaria by use	246
42 Breakdown of cereal consumption in the GDR by use	247
43 Breakdown of cereal consumption in Poland by use	248
44 Breakdown of cereal consumption in Romania by use	249
45 Breakdown of cereal consumption in the Soviet Union by use	250
46 Breakdown of cereal consumption in Czechoslovakia by use	251
47 Breakdown of cereal consumption in Hungary by use	252

<u>Table</u>	<u>Page</u>
48 External trade in cereals - Bulgaria	253
49 External trade in cereals - GDR	254
50 External trade in cereals - Poland	255
51 External trade in cereals - Romania	256
52 External trade in cereals - Soviet Union	257
53 Breakdown of the Soviet Union's cereal imports by origin	258
54 Breakdown of the Soviet Union's cereal exports by destination	261
55 External trade in cereals - Czechoslovakia	263
56 External trade in cereals - Hungary	264
57 Breakdown of Comecon imports of wheat, barley and maize by supplying countries	265
58 Breakdown of Comecon exports of wheat, barley and maize by receiving countries	266
59 Comecon external trade in wheat (excluding flour and meal), 1975	267
60 Comecon external trade in barley (excluding malt), 1975	268
61 Comecon external trade in maize, 1975	269
62 External trade in meat and livestock - Bulgaria	270
63 External trade in meat and livestock - GDR	271
64 External trade in meat and livestock - Mongolia	272
65 External trade in meat and livestock - Poland	273
66 External trade in meat and livestock - Romania	275
67 External trade in meat and livestock - Soviet Union	276
68 External trade in meat and livestock - Czechoslovakia	277
69 External trade in meat and livestock - Hungary	278

NOTES ON THE TABLES

The tables which follow contain many figures taken from official Comecon statistics. The following are definitions of some of the terms used.

Cereal production means the quantity actually obtained from the field, determined directly after the harvest (in the Soviet Union generally speaking in the field), without deduction of quantities of other plants mixed with the cereals or conversion of weights in terms of a standard moisture content. This definition applies only in a very limited degree to the German Democratic Republic, Czechoslovakia and Hungary, as these countries produce figures representing a standardized net yield which is, however, calculated by various methods.

Area under crops means the total area which has been sown upon completion of spring sowing with summer and winter cereals or grain legumes.

Yield per hectare means cereal production divided by the area under cereals.

Livestock numbers means the number of animals, not converted into livestock units.

Meat production means the slaughter weight (warm); it covers meat, bones, slaughter fats and edible by-products; it includes animals exported live for slaughter (converted into slaughter weight).

Where the above definitions do not apply or the figures given in the tables are based on the authors' calculations, this is indicated.

The figures for 1976 are given separately and not included in the five-year averages.

"Comecon" refers to Bulgaria, Czechoslovakia, the German Democratic Republic, Hungary, Poland, Romania and the Soviet Union and, as regards meat production and external trade in meat, also the Mongolian People's Republic. Cuba is not included; it comes under the "other countries" group for the purposes of external trade.

For all years "EEC" covers the nine Member States of the European Communities.

The following abbreviations are used :

ar.	arable	UAA	utilized agricultural area
ha	hectare	M	million(s)
kg	kilogram	t	tonne (1 000 kg)

T A B L E S

Table 1: Production and consumption of cereals and meat in the Comecon countries (kg/head/year)

	Production						Consumption					
	Cereals			Meat			Products processed from cereals			Meat and meat products including carcase fats		
	1965	1975	1976	1965	1975	1976	1965	1975	1976	1965	1975	1976
Bulgaria	654	893	978	56.6	75.3	83.6	193	162	164	43.1	60.6	64.5
GDR	404	533	491	66.1	102.0	101.0	100	95	95	65.3	82.9	80.7
Poland	525	583	614	63.9	90.0	84.8	141	120	124	56.0	78.4	78.0
Romania	673	724	927	34.5	62.5	66.5	.	167	.	29.3	40.7	.
Soviet Union	525	551	872	43.2	58.8	52.2	156	141	142	41.0	57.0	55.0
Czechoslovakia	384	637	619	69.0	91.1	88.6	130	108	108	69.8	88.0	88.3
Hungary	754	1 173	1 087	91.5	135.0	123.0	136	118	116	71.1	89.8	92.5

Source: National statistics; Comecon statistics; own calculations

Table 2: Breakdown of agriculture in the Comecon countries by socialized (a) and private sectors (1975, %)

	Utilized agricultural area	Livestock headage			Production of		
		Cattle		Pigs	Cereals	Meat	Milk
S o c i a l i z e d s e c t o r							
Bulgaria	99.8	76.2	69.5	84.2	59.9	76.8	
GDR	94.6	93.7	89.7	97.9	95.7	99.5	
Mongolia	100.0	51.5	55.2	91.8	71.5	52.2	
Poland	21.0	20.8	15.0	15.1	25.3	13.2	
Romania	90.6	56.8	72.7	86.5	55.5	42.7	
Soviet Union	100.0	78.9	78.9	95.1	68.5	69.3	
Czechoslovakia	94.2	93.4	89.2	86.5	85.1	88.4	
Hungary	97.2	70.1	48.8	82.4	.	57.8	
P r i v a t e s e c t o r							
Bulgaria	0.2	23.8	30.5	15.8	40.1	23.2	
GDR	5.4	6.3	10.3	2.1	4.3	0.5	
Mongolia	.	48.5	44.8	8.2	28.5	47.8	
Poland	79.0	79.2	85.0	84.9	74.7	86.8	
Romania	9.4	43.2	27.3	13.5	44.5	57.3	
Soviet Union	1.4	21.1	21.1	4.9	31.5	30.7	
Czechoslovakia	5.8	6.6	10.8	13.5	14.9	11.6	
Hungary	2.8	29.9	51.2	17.6	.	42.2	

(a) Collective farms, State farms and other publicly owned farms; in Poland also agricultural associations.

Source: Comecon statistics; GDR statistics.

Table 3: Breakdown of cereal production in Comecon by species

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		1975		1976	
	'000 t	%	'000 t	%	'000 t	%	'000 t	%	'000 t	%
All cereals	179 998	100.0	226 833	100.0	254 955	100.0	213 876	100.0	302 289	100.0
of which										
Wheat	78 843	43.8	109 930	48.5	114 540	44.9	90 059	42.1	125 215	41.4
Rye	25 609	14.2	23 014	10.1	21 790	8.5	17 592	8.2	23 093	7.6
Barley	26 607	14.8	38 488	17.0	55 558	21.8	49 594	23.2	83 267	27.5
Oats	10 725	6.0	16 792	7.4	19 790	7.8	16 991	7.9	21 904	7.2
Grain-maize	24 386	13.5	23 425	10.3	27 628	10.8	27 487	12.8	30 674	10.1

Source: National statistics

Table 4: Yields of the main cereals in Comecon

	Ø 1961- 1965 100 kg/ha	Ø 1966- 1970 100 kg/ha	Ø 1971- 1975 100 kg/ha	1976 100 kg/ha	Increase		Increase in yield 1966/70 to 1971/75 100 kg/ha
					1966/70 over 1961/65 %	1971/75 over 1966/70 %	
Wheat	10.6	14.5	16.4	18.4	36.8	13.1	5.8
Rye	11.4	13.6	17.0	18.0	19.3	25.0	5.6
Barley	12.5	16.4	17.2	21.7	31.2	4.9	4.7
Oats	10.8	15.2	14.9	17.0	40.7	-2.0	4.1
Grain-maize	21.6	26.8	31.0	34.0	24.1	15.7	9.4

Source: Own calculations

Table 5: Breakdown of the area under cereals in Comecon by species

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		1975		1976	
	'000 ha	%	'000 ha	%	'000 ha	%	'000 ha	%	'000 ha	%
All cereals	155 207	100.0	148 202	100.0	149 464	100.0	153 340	100.0	153 188	100.0
of which:										
Wheat	74 553	48.0	75 625	51.0	69 997	46.8	70 159	45.8	67 892	44.3
Rye	22 499	14.5	16 910	11.4	12 825	8.6	11 709	7.6	12 863	8.4
Barley	21 215	13.7	23 470	15.8	32 225	21.6	37 072	24.2	38 460	25.1
Oats	9 943	6.4	11 032	7.4	13 311	8.9	14 030	9.1	12 915	8.4
Grain maize	11 304	7.3	8 726	5.9	8 912	6.0	8 208	5.3	9 021	5.9

Source: Own calculations

Table 6: Utilized agricultural area and arable land in the Comecon countries

	1 9 6 0		1 9 7 5		1 9 8 0		1 9 8 5		1 9 9 0		1 9 9 5		2 0 0 0	
	Utilized agric. area	Arable land	Utilized agric. area	Arable land	Utilized agric. area	Arable land	Utilized agric. area	Arable land	Utilized agric. area	Arable land	Utilized agric. area	Arable land	Utilized agric. area	Arable land
	'000 ha	as % of UAA	'000 ha	as % of UAA	'000 ha	as % of UAA	'000 ha	as % of UAA	'000 ha	as % of UAA	'000 ha	as % of UAA	'000 ha	as % of UAA
Bulgaria	5 672	75.44	4 279	66.45	5 955	66.45	3 957	66.45	5 955	66.45	3 957	66.45	5 955	66.45
GDR	6 420	75.51	4 848	74.65	6 295	74.65	4 699	74.65	6 295	74.65	4 699	74.65	6 295	74.65
Poland	20 403	78.23	15 961	76.59	19 209	76.59	14 713	76.59	19 209	76.59	14 713	76.59	19 209	76.59
Romania	14 547	67.51	9 821	65.17	14 946	65.17	9 741	65.17	14 946	65.17	9 741	65.17	14 946	65.17
Soviet Union	515 364	44.68	230 280	41.28	548 812	41.28	226 553	41.28	548 812	41.28	226 553	41.28	548 812	41.28
Czechoslovakia	7 327	69.99	5 128	69.95	7 004	69.95	4 899	69.95	7 004	69.95	4 899	69.95	7 004	69.95
Hungary	7 141	75.86	5 417	75.72	6 770	75.72	5 126	75.72	6 770	75.72	5 126	75.72	6 770	75.72

Source: National statistics; own calculations

Table 7: Area under cereals in the Comecon countries

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		Change 1971/75 over 1961/65	1975	1976
	'000 ha	% Comecon	'000 ha	% Comecon	'000 ha	% Comecon			
Comecon: total area under cereals	155 207	100.0	148 202	100.0	149 464	100.0	-3.7	153 340	153 188
of which:									
Bulgaria	2 494	1.6	2 337	1.6	2 247	1.5	-9.9	2 323	2 334
GDR	2 355	1.5	2 385	1.6	2 477	1.7	+5.2	2 603	2 672
Poland	9 068	5.8	8 776	5.9	8 465	5.7	-6.6	8 093	7 989
Romania	6 919	4.5	6 662	4.5	6 206	4.1	-10.3	6 348	6 441
Soviet Union	128 449	82.8	122 083	82.4	123 988	83.0	-3.5	127 920	127 760
Czechoslovakia	2 609	1.7	2 679	1.8	2 798	1.9	+7.2	2 834	2 830
Hungary	3 313	2.1	3 280	2.2	3 284	2.2	-0.9	3 219	3 162

Source: National statistics; own calculations

Table 8: Gross production of cereals in the Comecon countries

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		Increase 1971/75 over 1961/65	1975	1976
	'000 t	%	'000 t	%	'000 t	%			
Comecon total cereal production	179 998	100.0	226 833	100.0	254 955	100.0	41.6	213 876	302 289
of which:									
Bulgaria	4 842	2.7	6 454	2.8	7 465	2.9	54.2	7 792	8 564
GDR	5 968	3.3	6 991	3.1	8 760	3.4	46.8	8 988	8 247
Poland	15 427	8.6	17 367	7.7	21 241	8.3	37.7	19 818	21 082
Romania	11 101	6.2	12 948	5.7	14 974	5.9	34.9	15 377	19 880
Soviet Union	130 335	72.4	167 562	73.9	181 554	71.2	39.3	140 118	223 755
Czechoslovakia	5 535	3.1	7 111	3.1	9 436	3.7	70.5	9 423	9 237
Hungary	6 790	3.8	8 400	3.7	11 525	4.5	69.7	12 359	11 524

Source: National statistics; own calculations

Table 9: Average yield of cereals in the Comecon countries

	Ø 1961-1965 100 kg/ha	Ø 1966-1970 100 kg/ha	Ø 1971-1975 100 kg/ha	1976 100 kg/ha	Increase 1966/70 over 1961/65 %	Increase 1971/75 over 1966/70 %	Increase in yield 1971/75 over 1961/65
Bulgaria	19.0	27.5	33.1	36.6	44.7	20.4	14.1
GDR	25.3	29.4	35.7	31.8	16.2	21.4	10.4
Poland	17.0	19.8	25.2	26.4	16.5	27.3	8.2
Romania	16.1	19.3	24.0	30.7	19.9	24.4	7.9
Soviet Union	10.2	13.7	14.7	17.5	34.3	7.3	4.5
Czechoslovakia	21.2	26.6	33.9	33.4	25.5	27.4	12.7
Hungary	20.5	25.4	35.0	36.3	23.9	37.8	14.5

Source: National statistics; own calculations

Table 10: Area under all wheat and winter wheat in the Comecon countries

	Bulgaria		GDR		Poland		Roumania		Soviet Union		Czechoslovakia		Hungary	
	'000 ha	% Comecon	'000 ha	% Comecon	'000 ha	% Comecon	'000 ha	% Comecon	'000 ha	% Comecon	'000 ha	% Comecon	'000 ha	% Comecon
Ø 1961/65 Wheat of which winter wheat %	1216.3 1216.3 100	1.6	430.1 341.4 79.4	0.6	1515.7 1218.0 80.4	2.0	2965.7 2965.7 100	4.0	66622.0 18109.8 27.2	89.4	738.5	1.0	1064.4	1.4
Ø 1966/70 Wheat of which winter wheat %	1063.8 1063.8 100	1.4	549.0 484.7 88.3	0.7	1846.3 1603.1 86.8	2.4	2769.0 2769.0 100	3.7	67174.0 18280.4 27.2	88.8	991.4	1.3	1231.0	1.6
Ø 1971/75 Wheat of which winter wheat %	917.6 917.6 100	1.3	687.2 647.4 94.2	1.0	1986.8 1698.4 85.5	2.8	2446.1 2446.1 100	3.5	61468.6 18443.2 30.0	87.8	1198.8	1.7	1291.8	1.8
1976 Wheat of which winter wheat %	793.0 793.0 100	1.2	761.7 741.3 97.3	1.1	1832.2 1553.5 84.8	2.7	2429.1 2429.1 100	3.6	59467.0 17248.0 29.0	87.6	1278.1	1.9	1325.0	1.9

Source: National statistics; own calculations

Table 11: Gross production of all wheat and winter wheat in the Comecon countries

	Bulgaria		GDR		Poland		Romania		Soviet Union		Czechoslovakia		Hungary	
	'000 t	% Comecon	'000 t	% Comecon	'000 t	% Comecon	'000 t	% Comecon	'000 t	% Comecon	'000 t	% Comecon	'000 t	% Comecon
Ø 1961/65 Wheat of which winter wheat %	2208	2.8	1357	1.7	2988	3.8	4321	5.5	64207	81.4	1779	2.3	1984	2.5
			1112		2423		.		27762		.		.	
			82.0		81.1				43.2					
Ø 1966/70 Wheat of which winter wheat %	2919	2.7	2006	1.8	4260	3.9	4687	4.3	90192	82.0	2869	2.6	2996	2.7
	2919		1812		3709		4687		35888		2703		2996	
	100		90.3		87.1		100		39.8		94.2		100	
Ø 1971/75 Wheat of which winter wheat %	3123	2.7	2797	2.4	5605	4.9	5425	4.7	88935	77.6	4360	3.8	4295	3.7
			2656		4831		.		.		.		.
			95.0		86.2									
1976 Wheat of which winter wheat %	3152	2.5	2715	2.2	5745	4.6	6773	5.4	96882	77.4	4807	3.8	5143	4.1
	3152		2662		4947		6773		44594		.		5137	
	100		98.0		86.1		100		46.0		.		99.9	

Source: National statistics; Comecon statistics; FAO statistics; own calculations

Table 12: Wheat yield per hectare in the Comecon countries (100 kg/ha)

	Bulgaria	GDR	Poland	Romania	Soviet Union	Czechoslovakia	Hungary
Ø 1961/65 ALL wheat	18.2	31.3	19.7	14.5	11.0	24.3	18.6
Winter wheat		32.2	19.9	.	15.3		
Summer wheat	.	27.8	19.0	-	7.5	.	.
Ø 1966/70 ALL wheat	27.4	36.4	23.2	16.8	13.4	28.9	24.2
Winter wheat	27.4	37.2	23.2	16.8	19.6	29.1	24.2
Summer wheat	.	30.2	22.7	-	11.1	.	.
Ø 1971/75 ALL wheat	34.1	40.6	28.2	22.2 ^a	14.5	36.5	33.2
Winter wheat	34.1	41.0	28.4	22.2	22.5	36.5	33.2
Summer wheat	-	35.6	26.8	-	11.0	.	.
1976 ALL wheat	39.7	35.6	31.4	27.9	16.3	37.7	38.8
Winter wheat	39.7	35.9	31.8	27.9	25.9	37.7	38.8
Summer wheat	-	25.8	28.6	-	12.4	.	.

(a) Including rye
Source: National statistics

Table 13: Area under barley, gross production and yield per hectare in the Comecon countries

	Bulgaria		GDR		Poland		Romania		Soviet Union		Czechoslovakia		Hungary	
	Comecon	%	Comecon	%	Comecon	%	Comecon	%	Comecon	%	Comecon	%	Comecon	%
Area under barley ('000 ha)														
Ø 1961/65	336.0	1.6	438.3	2.1	704.3	3.3	237.4	1.1	18296.2	86.2	687.2	3.2	515.8	2.4
Ø 1966/70	404.0	1.7	590.1	2.5	729.3	3.1	278.2	1.2	20331.0	86.6	739.3	3.2	397.8	1.7
Ø 1971/75	477.9	1.5	734.8	2.3	1112.8	3.5	363.3	1.1	28369.6	88.0	885.1	2.8	280.8	0.9
1976	524.0	1.4	959.8	2.5	1210.0	3.2	409.5	1.1	34258.0	89.1	857.3	2.2	228.0	0.6
Gross production ('000 t)														
Ø 1961/65	693.6	2.6	1291.0	4.9	1367.8	5.1	414.5	1.6	20318.4	76.4	1556.2	5.9	965.4	3.6
Ø 1966/70	985.8	2.6	1913.3	5.0	1673.4	4.4	532.1	1.4	30453.8	79.1	2087.2	5.4	842.8	2.2
Ø 1971/75	1476.5	2.7	2966.1	5.3	3180.8	5.7	845.1	1.5	43288.8	77.9	2990.6	5.4	809.6	1.5
1976	1781.0	2.1	3456.5	4.2	3617.0	4.3	1230.5	1.5	69539.0	83.5	2901.0	3.5	747.0	0.9
Yield (100 kg/ha)														
Ø 1961/65	20.4		29.3		19.5		17.5		10.7		22.8		18.7	
Ø 1966/70	24.4		32.4		23.0		19.2		14.8		28.2		21.3	
Ø 1971/75	30.9		40.3		28.5		23.4		15.3		34.0		28.9	
1976	34.0		36.0		29.9		30.1		20.3		34.0		32.7	

Source: National statistics

Table 14: Area under rye, gross production and yield per hectare in the Comecon countries

	Bulgaria		GDR		Poland		Romania		Soviet Union		Czechoslovakia		Hungary	
	Area under rye ('000 ha)	% Comecon	Gross production ('000 t)	% Comecon	Area under rye ('000 ha)	% Comecon	Gross production ('000 t)	% Comecon	Area under rye ('000 ha)	% Comecon	Gross production ('000 t)	% Comecon	Area under rye ('000 ha)	% Comecon
Ø 1961/65	58.2	0.2	820.3	3.6	4562.9	20.1	88.1	0.4	16300.0	72.4	429.4	1.9	240.4	1.1
Ø 1966/70	28.7	0.3	724.7	4.3	4095.7	24.2	56.8	0.3	11505.4	68.0	309.7	1.8	189.2	1.1
Ø 1971/75	16.5	0.1	638.0	5.0	3319.8	25.9	-	-	8499.8	66.3	220.1	1.7	112.6	0.9
1976	12.8	0.1	600.0	4.7	2934.1	22.8	-	-	9035.0	70.3	186.3	1.5	93.0	0.7
Gross production ('000 t)														
Ø 1961/65	58.0	0.2	1741.2	6.8	7466.2	29.2	95.0	0.4	15093.0	58.9	896.4	3.5	259.6	1.0
Ø 1966/70	35.0	0.2	1718.2	7.5	7468.6	32.5	61.5	0.3	12833.8	55.8	677.8	2.9	219.0	1.0
Ø 1971/75	20.8	0.1	1773.7	8.1	7679.0	35.2	-	-	11493.2	52.8	628.8	2.9	169.6	0.8
1976	15.5	0.1	1455.1	6.3	6922.0	30.0	-	-	13991.0	60.6	561.0	2.4	157.0	0.7
Yield (100 kg/ha)														
Ø 1961/65	9.9		21.2		16.4		10.7		9.2		20.7		10.8	
Ø 1966/70	12.0		23.7		18.2		10.8		11.3		22.0		11.5	
Ø 1971/75	12.5		27.8		23.1		-		13.5		28.6		15.1	
1976	12.0		24.3		23.6		-		15.5		30.1		16.8	

(a) From 1973, included with wheat

Source: National statistics

Table 15: Area under oats, gross production and yield per hectare in the Comecon countries

	Bulgaria		GDR		Poland		Romania		Soviet Union		Czechoslovakia		Hungary	
	Area under oats ('000 ha)	% Comecon	Area under oats ('000 ha)	% Comecon	Area under oats ('000 ha)	% Comecon	Area under oats ('000 ha)	% Comecon	Area under oats ('000 ha)	% Comecon	Area under oats ('000 ha)	% Comecon	Area under oats ('000 ha)	% Comecon
Ø 1961/65	138.8	1.4	318.6	3.2	1548.6	15.6	150.3	1.5	7285.6	73.3	418.3	4.2	82.4	0.8
Ø 1966/70	95.2	0.9	253.6	2.3	1417.7	12.9	131.7	1.2	8679.6	78.7	401.9	3.6	52.4	0.5
Ø 1971/75	56.6	0.4	236.1	1.8	1286.7	9.7	101.8	0.8	11310.2	85.0	278.4	2.1	41.6	0.3
1976	44.2	0.3	189.9	1.5	1114.8	8.7	44.7	0.4	11237.0	87.3	198.0	1.5	39.0	0.3
Gross production ('000 t)														
Ø 1961/65	141.3	1.3	849.7	7.9	2640.8	24.6	153.7	1.4	6052.2	56.4	792.0	7.4	95.6	0.9
Ø 1966/70	120.7	0.7	762.1	4.5	2893.0	17.2	140.0	0.8	11938.4	71.1	865.6	5.2	72.6	0.4
Ø 1971/75	70.2	0.4	840.9	4.3	3158.2	16.0	104.3	0.5	14811.6	74.8	729.2	3.7	75.4	0.4
1976	64.7	0.3	506.0	2.3	2695.0	12.3	54.7	0.3	18113.0	82.7	379.0	1.7	86.0	0.4
Yield (100 kg/ha)														
Ø 1961/65	10.0		26.7		17.1		10.0		8.3		18.9		11.4	
Ø 1966/70	12.3		29.9		20.5		10.6		13.7		21.6		13.9	
Ø 1971/75	12.3		35.7		24.6		10.0		13.2		27.1		18.6	
1976	14.7		26.6		24.2		12.2		16.1		22.4		22.4	

Source: National statistics

Table 16: Area under grain maize, gross production and yield per hectare in the Comecon countries

	Bulgaria		GDR		Poland		Romania		Soviet Union		Czechoslovakia		Hungary	
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
<u>Area under grain maize ('000 ha)</u>														
Ø 1961/65	631.5	5.6	1.4	0.01	8.3	0.07	3307.9	29.3	5887.2	52.1	199.7	1.77	1268.8	11.2
Ø 1966/70	582.3	6.7	1.7	0.01	5.3	0.06	3246.0	37.2	3516.8	40.3	139.0	1.59	1235.2	14.2
Ø 1971/75	629.3	7.1	3.4	0.04	6.3	0.07	3110.5	34.9	3596.4	40.4	157.1	1.76	1409.6	15.8
1976	731.0	8.1	0.04	0.00	52.4	0.58	3377.6	37.5	3303.0	36.7	203.6	2.26	1339.0	14.9
<u>Gross production ('000 t)</u>														
Ø 1961/65	1601.1	6.6	2.7	0.01	19.6	0.08	5852.7	24.0	13121.8	53.8	473.6	1.94	3315.8	13.6
Ø 1966/70	2147.1	9.2	4.4	0.01	12.6	0.05	7239.2	30.9	9557.8	40.8	471.6	2.01	3992.0	17.0
Ø 1971/75	2505.3	9.1	10.8	0.04	27.0	0.10	8348.9	30.2	10215.0	37.0	640.4	2.32	5881.0	21.3
1976	3031.0	9.9	0.08	0.00	231.0	0.75	11583.2	37.9	10138.0	33.1	514.0	1.68	5098.0	16.7
<u>Yield (100 kg/ha)</u>														
Ø 1961/65	25.0		19.1		23.0		17.7		22.8		26.4		26.3	
Ø 1966/70	36.5		25.1		24.1		22.3		27.0		35.5		32.3	
Ø 1971/75	39.3		34.3		37.2		26.7		28.2		43.9		41.7	
1976	41.3		22.1		44.0		34.1		30.6		36.0		38.1	

Source: National statistics

Table 17: Area under grain legumes, gross production and yield per hectare in the Comecon countries

	Bulgaria	GDR	Poland	Romania	Soviet Union	Czechoslovakia	Hungary
	%	%	%	%	%	%	%
<u>Area ('000 ha) and percentage of total area under cereals in the country</u>							
Ø 1961/65	89.1	68.6	321.0	153.0	5339.2	93.9	125.0
Ø 1966/70	67.2	56.6	234.0	137.0	5713.2	57.3	85.8
Ø 1971/75	54.9	64.0	223.0	91.0	5153.0	106.0	81.1
1976	2.3	2.4	2.8	1.4	4.0	3.7	2.6
<u>Gross production ('000 t) and percentage of total cereal production in the country</u>							
Ø 1961/65	84.4	122.0	427.0	214.0	7488.0	156.0	136.0
Ø 1966/70	93.8	95.0	399.0	222.0	7251.0	131.0	135.0
Ø 1971/75	65.9	80.8	307.8	160.0	7306.6	83.6	122.2
1976	0.7	0.7	1.2	0.4	3.9	0.8	1.2
<u>Yield (100 kg/ha)</u>							
Ø 1961/65	6.3	13.1	11.3	9.1	9.5	11.9	8.1
Ø 1966/70	9.0	14.5	12.4	10.7	13.6	13.9	9.7
Ø 1971/75	8.2	14.9	13.2	8.5	12.7	14.6	13.1
1976	8.8	11.6	11.0	6.5	16.7	6.7	17.2

Source: National statistics; Comecon statistics

Table 18: Mineral fertilizer used in the Comecon countries (kg NPK)

	1970		1975		1976		1980	1985
	kg/ha UAA	kg/ha ar.	kg/ha UAA	kg/ha ar.	kg/ha UAA	kg/ha ar.	kg/ha UAA estimate	kg/ha UAA estimate
Bulgaria	106	159	114	166	106	161	247	268
GDR	244	319	290	370	287	361	330	346
Poland	124	162	182	236	193	244	250	283
Romania	47	67	80	114	77	109	207	228
Soviet Union	19	47	32	77	33	80	63	110
Czechoslovakia	174	230	231	305	242	319	268	276
Hungary	122	150	224	276	205	254	294	436

Source: Comecon statistics; national statistics; estimates

Table 19: Cattle numbers in the Comecon countries (at end of year)

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		1976		Percentage change Ø 1961/65 to Ø 1971/75
	'000	% Comecon	'000	% Comecon	'000	% Comecon	'000		
Total cattle numbers Comecon of which :	115 652	100	127 120	100	140 096	100	144 916		+ 21
Bulgaria	1 658	1.43	1 405	1.11	1 566	1.12	1 787		- 6
GDR	4 622	4.00	5 081	1.00	5 454	3.89	5 471		+ 18
Mongolia	1 886	1.63	2 036	1.60	2 278	1.63	2 417		+ 21
Poland	9 341	8.08	10 232	8.05	11 943	8.52	12 002		+ 28
Romania	4 720	4.08	5 183	4.08	5 860	4.18	6 351		+ 24
Soviet Union	87 028	75.25	96 877	76.21	106 572	76.07	110 346		+ 22
Czechoslovakia	4 472	3.87	4 331	3.41	4 498	3.21	4 654		+ 1
Hungary	1 925	1.66	1 972	1.55	1 925	1.37	1 888		0

Source: National statistics; Comecon statistics

Table 20: Cow numbers in the Comecon countries (at end of year)

	∅ 1961-1965		∅ 1966-1970		∅ 1971-1975		1976	Percentage change ∅ 1961/65 to ∅ 1971/75
	'000	% Comecon	'000	% Comecon	'000	% Comecon	'000	
Total cow numbers Comecon of which :	52 371	100	55 309	100	56 233	100	56 871	+ 7
Bulgaria	662	1.26	627	1.13	666	1.18	721	+ 1
GDR	2 133	4.07	2 176	3.93	2 164	3.85	2 146	+ 1
Mongolia	784	1.50	859	1.55	940	1.67	998	+20
Poland	5 860	11.19	5 921	10.71	6 137	10.91	5 786	+ 5
Romania	2 008	3.83	2 211	4.00	2 485	4.42	2 569	+24
Soviet Union	38 148	72.84	40 842	73.84	41 157	73.19	41 987	+ 8
Czechoslovakia	1 984	3.79	1 910	3.45	1 913	3.40	1 898	- 4
Hungary	792	1.51	763	1.38	771	1.37	766	- 3

Source: National statistics; Comecon statistics

Table 21: Pig numbers in the Comecon countries (at end of year)

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		1976	Percentage change Ø 1961/65 to Ø 1971/75
	'000	% Comecon	'000	% Comecon	'000	% Comecon	'000	
Total pig numbers Comecon of which :	99 895	100	86 402	100	124 149	100	119 450	+ 24
Bulgaria	2 302	2.30	2 213	5.50	3 030	2.44	3 456	+ 32
GDR	8 767	8.78	9 402	10.88	10 845	8.74	11 291	+ 24
Mongolia	19	0.02	13	0.01	13	0.01	15	- 32
Poland	13 605	13.62	14 477	16.76	20 155	16.23	16 766	+ 48
Romania	5 048	5.05	5 867	6.79	8 579	6.91	10 193	+ 70
Soviet Union	57 908	57.97	42 791	49.53	67 646	54.49	63 055	+ 17
Czechoslovakia	5 864	6.87	5 322	8.16	6 339	5.11	6 820	+ 8
Hungary	6 382	6.39	6 317	7.31	7 542	6.07	7 854	+ 18

Source: National statistics; Comecon statistics

Table 22: Sheep numbers in the Comecon countries (at end of year)

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		1976	Percentage change 1961/65 to 1971/75
	'000	% Comecon	'000	% Comecon	'000	% Comecon	'000	
Total sheep numbers Comecon of which :	176 344	100	180 932	100	187 082	100	187 678	+ 6
Bulgaria	10 266	5.82	9 691	5.36	9 924	5.30	10 014	- 3
GDR	1 912	1.08	1 768	0.98	1 748	0.93	1 883	- 9
Mongolia	12 669	7.18	12 833	7.09	14 036	7.50	14 458	+11
Poland	2 695	1.53	2 722	1.50	2 742	1.47	3 178	+ 2
Romania	12 543	7.11	14 089	7.79	14 125	7.55	13 865	+13
Soviet Union	133 223	75.55	136 646	75.52	141 676	75.73	141 436	+ 6
Czechoslovakia	568	0.32	862	0.48	857	0.46	805	+51
Hungary	2 468	1.40	2 321	1.28	1 974	1.05	2 039	-20

Source: National statistics; Comecon statistics

Table 23: Horse numbers in the Comecon countries (at end of year)

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		1976	Percentage change Ø 1961/65 to Ø 1971/75
	'000	% Comecon	'000	% Comecon	'000	% Comecon	'000	
Total horse numbers Comecon of which :	14 601 ^a	100	14 222	100	12 580	100	10 879	- 14 ^b
Bulgaria	265	1.64 ^a	202	1.42	144	1.14	128	- 46
GDR	339	1.86 ^a	238	1.67	87	0.69	68	- 74
Mongolia	2 433 ^a	16.66 ^a	2 295	16.13	2 243	17.83	2 205	- 8 ^b
Poland	2 619	17.09 ^a	2 591	18.22	2 356	18.73	2 102	- 10
Romania	777	4.72 ^a	696	4.90	602	4.79	576	- 23
Soviet Union	8 731	54.63 ^a	7 789	54.77	6 882	54.11	5 596	- 21
Czechoslovakia	233	1.29 ^a	156	1.10	87	0.69	57	- 63
Hungary	363	2.01 ^a	256	1.80	179	1.42	147	- 51

a) 1965.

b) Ø 1971/75 compared with 1965, %

Source: National statistics; Comecon statistics

Table 24: Poultry numbers in the Comecon countries (at end of year)

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		1976	Percentage change Ø 1961/65 to Ø 1971/75
	million	% Comecon	million	% Comecon	million	% Comecon	million	
Total poultry numbers Comecon of which :	739.9 ^a	100	835.1	100	1 071.7	100	1 145.3	+44.8 ^b
Bulgaria	21.7	2.81 ^a	27.9	3.34	35.8	3.34	39.5	65.0
GDR	37.6	5.14 ^a	40.0	4.79	45.6	4.25	48.4	21.0
Mongolia	0.2 ^a	0.03 ^a	0.1	0.01	0.1	0.01	0.1	-50.0 ^b
Poland	80.3 ^a	10.85 ^a	83.8	10.03	93.6	8.73	79.2 ^c	+16.6 ^b
Romania	40.1 ^a	5.42 ^a	49.5	5.92	67.7	6.32	91.5	+68.8 ^b
Soviet Union	493.3	66.36 ^a	565.0	67.66	733.0	68.44	779.0	49.0
Czechoslovakia	28.7	3.76 ^a	33.6	4.02	39.7	3.71	44.1	38.0
Hungary	41.7 ^a	5.64	35.2	4.22	55.8	5.20	63.5	+33.8 ^b

a) 1965.

b) Ø 1971/75 compared with 1965, %

c) June 1976.

Source: National statistics; Comecon statistics

Table 25: Livestock numbers in the Comecon countries: 1975-85 ('000 head, at end of year)

	1971-1975	1975	1976	1977	1980	1985
Bulgaria						
Cattle	1 566	1 725	1 787	1 736	1 754	1 847
of which cows	666	703	721	696	715	733
Pigs	3 030	3 889	3 456	3 400	4 434	4 960
Sheep	9 924	10 014	9 724	10 145	10 420	10 940
Horses	144	133	128	.	123	110
Poultry	35 800	38 100	39 500	41 100	43 000	47 000
GDR						
Cattle	5 454	5 532	5 471	5 549	5 563	5 730
of which cows	2 164	2 155	2 146	2 158	2 165	2 205
Pigs	10 845	11 501	11 291	11 757	11 500	11 650
Sheep	1 748	1 883	1 870	1 927	1 920	1 970
Horses	87	70	68	.	70	59
Poultry	45 600	47 100	48 400	.	46 500	48 000
Mongolia						
Cattle	2 278	2 427	2 417	.	2 500	2 700
of which cows	940	981	998	.	1 040	1 125
Pigs	13	13	14	.	14	15
Sheep	14 036	14 458	13 906	.	15 000	16 300
Horses	2 243	2 255	2 205	.	2 300	2 200
Poultry	100	200	100	.	300	500
Poland						
Cattle	11 943	12 764	12 002	13 000 ^b	13 657	14 750
of which cows	6 137	6 138	5 786	6 007 ^b	6 085	6 280
Pigs	20 155	21 647	16 766	20 100 ^b	22 600	23 580
Sheep	2 742	3 168	3 151	3 934 ^b	3 830	4 140
Horses	2 356	2 100	2 102	.	1 770	1 420
Poultry	93 600	99 800	79 193 ^a	.	108 000	104 000

Table 25 (continued)

	1971-1975	1975	1976	1977	1980	1985
Romania						
Cattle	5 860	6 126	6 349	6 301	6 780	7 800
of which cows	2 485	2 560	2 568	.	2 873	3 290
Pigs	8 579	8 813	10 191	9 732	11 040	13 300
Sheep	14 125	13 865	14 327	14 400 ^C	14 280	15 300
Horses	602	562	.	.	530	490
Poultry	67 700	78 600	91 421	.	95 800	103 500
Soviet Union						
Cattle	106 572	111 034	110 346	112 500	114 030	119 700
of which cows	41 157	41 917	41 987	42 600	44 200	46 400
Pigs	67 646	57 899	63 055	70 300	73 190	76 850
Sheep	141 676	141 436	139 834	140 700 ^C	142 000	148 000
Horses	6 882	6 415	6 000	.	5 920	5 300
Poultry	733 000	740 000	778 900	.	770 000	800 000
Czechoslovakia						
Cattle	4 498	4 555	4 654	4 758	4 630	4 700
of which cows	1 913	1 903	1 898	1 895 ^C	1 930	1 974
Pigs	6 339	6 683	6 820	7 510	6 550	6 870
Sheep	857	805	797	.	814	895
Horses	87	62,5	.	.	56	39
Poultry	39 700	40 100	44 142	44 774	40 500	42 000
Hungary						
Cattle	1 925	1 904	1 888	1 950	1 982	2 061
of which cows	771	760	797	.	792	824
Pigs	7 542	6 953	8 780	7 800	8 670	9 540
Sheep	1 974	2 039	2 348	.	2 200	2 310
Horses	179	156	147	.	143	130
Poultry	55 800	56 100	.	.	57 000	54 000

(a) June 1976. (b) June 1977. (c) Own estimate.

Source: National statistics and reports on the fulfilment of plans; Comecon statistics; for 1980 and 1985 own estimates.

Table 26: Livestock numbers per 100 ha utilized agricultural area

	Cattle	Pigs	Sheep	Poultry (a)
Bulgaria	27	57	164	849
GDR	89	183	29	963
Poland	67	113	14	662
Romania	40	57	93	750
Soviet Union	20	13	26	320
Czechoslovakia	65	95	12	758
Hungary	30	122	30	1 019

(a) Per 100 ha arable land

Source: National statistics

Table 27: Percentage of livestock owned by private farmers in the Comecon countries

	Bulgaria		GDR		Poland		Romania		Soviet Union		Czechoslovakia		Hungary	
	1960	1975	1960	1974 ^(a)	1960	1975	1960	1975	1960	1975	1960	1975	1960	1975
Cattle	30	24	45	8	91	79	82	42	30	21	22	6.5	56	30
of which cows	46	33	35	8	93	90	88	50	47	33	33	10	67	36
Pigs	36	31	46	13	93	85	71	27	40	21	29	11	68	51
of which sows	12	10	39	5	95	91	69	21	19	18	8	2	62	46
Sheep	31	40	42	18	90	74	67	46	21	18	28	34	22	12

(a) No statistics have been published for the years after 1974

Source: National statistics

Table 28: Breakdown of Comecon meat production by animal species or category of meat

	Ø 1961-1965		Ø 1966-1970		Ø 1971-1975		1975	
	'000 t	%	'000 t	%	'000 t	%	'000 t	%
All meat of which:	15 123	100	18 462	100	22 730	100	24 728	100
Beef and veal	4 839	32.0	7 041	38.1	8 087	35.6	8 863	39.1
Pigmeat	7 288	48.2	8 296	44.9	10 518	46.3	11 319	41.6
Sheepmeat (a)	1 361	9.0	1 296	7.0	1 296	5.7	1 365	5.3
Poultrymeat (a)	1 242	8.2	1 495	8.1	2 351	10.3	2 729	11.9
Other meat (a) e.g. horse, rabbit, reindeer, camel	393	2.6	335	1.8	479	2.1	531	2.1

Table 28 (continued)

	1976		1980		1985	
	'000 t	%	'000 t	%	'000 t	%
ALL meat of which :	22 999	100	28 063	100	31 155	100
Beef and veal	8 992	39.1	9 841	35.0	10 860	34.9
Pigmeat	9 562	41.6	12 935	46.0	14 196	45.6
Sheepmeat (a)	1 221	5.3	1 370	5.0	1 465	4.7
Poultrymeat (a)	2 729	11.9	3 360	12.0	4 019	12.9
Other meat e.g. horse, rabbit, reindeer, camel	495	2.1	575	2.0	615	2.0

(a) Sheepmeat also covers goat meat. The figures for 1961-64, except those relating to the Soviet Union are estimates. Source: For 1961-1976 : national statistics; for 1980 and 1985 : own estimates.

Table 29: Breakdown of meat production in the Comecon countries from 1960 to 1985 by animal species

	1960	1965	1970	1974	1975	1976	1980	1985
Bulgaria								
Beef and veal	14.2	20.1	22.7	20.6	17.0	17.3	18.6	19.5
Pigmeat	52.8	48.7	37.4	37.7	50.1	50.5	47.8	46.5
Sheepmeat	19.7	21.3	19.8	17.8	13.7	13.8	12.5	11.5
Poultrymeat	11.8	9.5	19.5	23.3	18.7	17.8	20.7	22.0
Other	1.5	0.3	0.6	0.5	0.5	0.5	0.4	0.3
GDR								
Beef and veal	22.7	21.9	27.0	24.3	24.3	24.6	26.0	27.0
Pigmeat	67.3	69.4	64.1	65.1	65.9	64.9	63.0	60.9
Sheepmeat	3.0	1.4	0.8	0.8	0.8	0.9	0.8	0.8
Poultrymeat	5.6	5.8	6.7	7.8	7.4	7.8	8.6	10.0
Other	1.4	1.4	1.4	1.9	1.6	1.7	1.5	1.4
Poland								
Beef and veal	22.6	25.5	29.4	26.4	28.4	32.0	28.0	29.6
Pigmeat	69.4	67.0	60.6	63.6	60.5	54.7	60.5	57.8
Sheepmeat	2.0	1.3	1.3	0.9	0.8	0.9	1.1	1.0
Poultrymeat	3.9	4.8	6.3	7.3	8.3	10.3	8.6	9.8
Other	2.1	1.3	2.3	1.8	2.0	2.2	1.8	1.8
Romania								
Beef and veal	30.1	25.0	25.8	19.1	19.5	19.8	16.4	16.5
Pigmeat	49.2	54.3	52.5	57.3	54.5	54.1	53.0	52.4
Sheepmeat	9.7	7.5	7.5	5.3	5.4	4.9	4.4	3.4
Poultrymeat	10.9	13.2	14.2	18.2	20.5	21.2	26.3	27.7
Other	-	-	-	-	-	-	-	-

Table 29 (continued)

	1960	1965	1970	1974	1975	1976	1980	1985
Mongolia								
Beef and veal	33.6	27.8	28.5	26.9	25.2	30.2	20.9	18.3
Pigmeat	0.1	0.3	0.2	0.2	0.3	0.2	0.3	0.3
Sheepmeat	51.6	56.3	52.8	53.2	56.0	50.9	60.4	62.7
Other	14.7	15.8	18.5	19.7	18.3	18.8	18.4	18.7
Soviet Union								
Beef and veal	37.4	39.3	43.9	43.7	43.0	48.9	42.9	42.5
Pigmeat	37.7	41.6	37.0	37.7	38.2	31.6	38.0	37.9
Sheepmeat	11.7	10.2	8.2	6.7	6.5	6.5	5.8	5.6
Poultrymeat	8.8	7.0	8.7	9.7	10.1	10.6	11.0	11.7
Other	4.2	1.9	2.2	2.2	2.2	2.4	2.2	2.2
Czechoslovakia								
Beef and veal	30.0	30.5	33.0	33.0	31.9	31.4	31.8	31.6
Pigmeat	60.2	62.2	53.3	53.8	54.7	55.1	55.5	54.8
Sheepmeat	1.2	0.7	0.7	0.5	0.5	0.5	0.4	0.5
Poultrymeat	5.7	5.4	9.4	9.9	9.9	10.7	10.1	11.1
Other	2.9	1.2	3.6	2.8	2.9	2.3	2.2	2.0
Hungary								
Beef and veal	18.5	17.0	19.6	13.9	16.5	15.6	16.0	16.1
Pigmeat	61.2	64.0	56.6	64.2	63.1	59.0	64.7	64.6
Sheepmeat	1.2	1.4	1.7	1.2	1.1	1.3	0.9	0.9
Poultrymeat	14.9	17.1	21.5	20.3	19.0	23.7	18.0	18.0
Other	4.2	0.5	0.5	0.4	0.3	0.4	0.3	0.3

(a) In the Romanian statistics rabbits are included with poultry and horses and game with beef and veal. No figures are given therefore under "Other".

Source: National statistics; Comecon statistics; for 1980 and 1985 own estimates.

Table 30: Gross meat production^(a) in Comecon and breakdown by country (Comecon = 100%)

	Bulgaria	G D R	Mongolia	Poland	Romania	Soviet Union	Czechoslovakia	Hungary								
	'000 t	%	'000 t	%	'000 t	%	'000 t	%								
All meat																
1961-65	384	2.5	1014	6.7	148	1.0	1903	12.6	600	4.0	9320	61.6	877	5.8	877	5.8
1966-70	497	2.7	1245	6.7	165	0.9	2160	11.7	802	4.3	11568	62.7	1038	5.6	987	5.3
1971-75	574	2.5	1511	6.7	191	0.8	2708	11.9	1160	5.1	14022	61.7	1256	5.5	1308	5.6
1975	657	2.6	1718	6.9	225	0.9	3062	12.4	1328	5.3	14968	60.5	1349	5.4	1422	5.8
1976	732	3.2	1693	7.4	212	0.9	2913	12.7	1426	6.2	13395	58.2	1322	5.7	1306	5.7
Beef and veal																
1961-65	81	1.7	241	5.0	44	0.9	421	8.7	167	3.5	3474	71.8	252	5.2	159	3.3
1966-70	113	1.6	313	4.5	50	0.7	614	8.7	226	3.2	5190	73.7	351	5.0	184	2.6
1971-75	113	1.4	371	4.6	54	0.7	702	8.7	238	2.8	5998	74.2	403	5.0	207	2.6
1975	112	1.3	417	4.7	57	0.6	870	9.9	260	2.9	6409	73.0	431	4.9	229	2.6
1976	127	1.4	417	4.6	64	0.7	931	10.3	282	3.1	6552	72.9	415	4.6	204	2.3

Table 30 (continued)

	Bulgaria	G D R	Mongolia	Poland	Romania	Soviet Union	Czechoslovakia	Hungary									
	'000 t	%	'000 t	%	'000 t	%	'000 t	%									
Pigmeat																	
1961-65	180	2.5	674	9.2	0.3	-	1255	17.2	303	4.2	3787	52.0	531	7.3	558	7.6	
1966-70	209	2.5	827	10.0	0.4	-	1354	16.3	413	5.0	4324	52.1	575	6.9	593	7.2	
1971-75	242	2.3	985	9.4	0.5	-	1727	16.4	642	6.1	5413	51.5	683	6.5	825	7.8	
1975	329	2.9	1132	10.0	0.6	-	1852	16.4	724	6.3	5651	50.0	738	6.4	892	7.9	
1976	370	3.9	1099	11.5	0.5	-	1594	16.7	772	8.1	4228	44.2	728	7.6	770	8.0	
Sheepmeat (b)																	
1961-65	98.8	7.5	15.5	1.2	90.1	6.9	26.1	2.0	49.7	3.8	1013	77.1	6.8	0.5	13.4	1.0	
1966-70	101.4	7.8	12.0	0.9	86.5	6.7	28.8	2.2	59.4	4.6	986.2	76.1	6.1	0.5	16.0	1.2	
1971-75	98.6	7.6	11.9	0.9	100.6	7.7	28.3	2.2	68.1	5.3	964.4	74.4	7.3	0.6	16.6	1.3	
1975	90.4	6.6	13.9	1.0	126.0	9.2	26.0	2.0	71.4	5.2	1014	74.3	6.7	0.5	16.7	1.2	
1976	101.0	8.3	15.5	1.3	108.0	8.8	25.5	2.1	69.2	5.7	878	71.9	6.5	0.5	17.0	1.4	

Table 30 (continued)

	Bulgaria	G D R	Mongolia	Poland	Romania	Soviet Union	Czechoslovakia	Hungary					
	'000 t	%	'000 t	%	'000 t	%	'000 t	%					
Poultrymeat													
1961-65	44.2	3.7		97.3	8.1	86.5	7.2	696.0	57.9	53.2	4.4	159	13.2
1966-70	70.3	4.7	0.1	127.0	8.5	103.6	6.9	849.4	56.8	76.9	5.2	191	12.8
1971-75	117.2	5.0	0.1	199.0	8.5	211.0	9.0	1332.0	56.7	123.4	5.2	255	10.8
1975	123.0	4.5	0.1	254.0	9.3	273.0	10.1	1539.0	56.4	134.0	4.9	280	10.3
1976	130.0	4.8	0.1	299.0	11.0	303.0	11.1	1414.0	51.8	141.0	5.2	310	11.4
Other meat													
1961-65	1.6	0.6	25.3	9.3	26.9	9.8	- ^d	187	68.5	12.2	4.5	4.5	1.6
1966-70	2.2	0.7	27.9	8.3	36.2	10.8	- ^d	218	65.1	28.8	8.6	5.3	1.6
1971-75	3.3	0.7	35.4	7.4	52.4	10.9	- ^d	315	65.8	38.5	8.0	5.3	1.1
1975	2.9	0.6	41.2	7.8	59.8	11.3	- ^d	356	67.1	38.8	7.3	4.6	0.9
1976	3.5	0.7	39.8	8.0	63.7	12.9	- ^d	323	65.2	31.0	6.3	5.0	1.0

(a) Figures cover carcass, edible offals and slaughter fats.

(b) Including goat meat.

(c) In Romania rabbits are counted as poultry, and horsemeat and game are included with beef and veal. No figures are given therefore for "Other meat".

Source: National statistics; Comecon statistics.

Table 31: Breakdown of meat production by animal species in the Comecon countries from 1975 to 1985 ('000 t)

	1975	1976	1980	1985	1975	1976	1980	1985
Bulgaria								
All meat	657.0	732.0	762	870	1328	1426	1710	2073
Beef and veal	112.0	127.0	142	170	260	282	281	343
Pigmeat	329.0	370.0	364	407	724	772	905	1086
Sheepmeat	90.0	101.0	95	100	71	69	74	70
Poultrymeat	123.0	130.0	158	190	273	303	450	574
Other	2.9	3.5	3	3	-	-	-	-
GDR								
All meat	1718	1693	1793	1888	14968	13395	16455	17900
Beef and veal	417	417	460	506	6409	6552	7060	7600
Pigmeat	1132	1099	1136	1150	5651	4228	6260	6800
Sheepmeat	14	16	14	15	1014	878	960	1000
Poultrymeat	127	132	155	190	1539	1414	1810	2100
Other	27	29	28	27	356	323	365	400
Mongolia								
All meat	225.0	212.0	228.0	335.0	1349.0	1322.0	1542.0	1672.0
Beef and veal	57.0	64.0	60.0	61.0	431.0	415.0	490.0	529.0
Pigmeat	0.6	0.5	0.8	1.1	738.0	728.0	856.0	916.0
Sheepmeat	126.0	108.0	174.0	210.0	6.7	6.5	6.5	7.5
Poultrymeat	0.1	0.1	0.1	0.2	134.0	.	156.0	185.0
Other	41.0	40.0	53.0	63.0	38.8	31.0	34.0	34.0
Poland								
All meat	3062	2913	3845	4560	1422.0	1306.0	1668.0	1858.0
Beef and veal	870	931	1081	1351	229.0	204.0	267.0	300.0
Pigmeat	1852	1594	2333	2636	892.0	770.0	1080.0	1200.0
Sheepmeat	26	26	32	45	16.7	17.0	14.0	17.0
Poultrymeat	254	299	330	445	280.0	310.0	301.0	335.0
Other	60	64	69	83	4.6	5.0	5.5	5.6
Romania								
All meat	657.0	732.0	762	870	1328	1426	1710	2073
Beef and veal	112.0	127.0	142	170	260	282	281	343
Pigmeat	329.0	370.0	364	407	724	772	905	1086
Sheepmeat	90.0	101.0	95	100	71	69	74	70
Poultrymeat	123.0	130.0	158	190	273	303	450	574
Other	2.9	3.5	3	3	-	-	-	-
Soviet Union								
All meat	1718	1693	1793	1888	14968	13395	16455	17900
Beef and veal	417	417	460	506	6409	6552	7060	7600
Pigmeat	1132	1099	1136	1150	5651	4228	6260	6800
Sheepmeat	14	16	14	15	1014	878	960	1000
Poultrymeat	127	132	155	190	1539	1414	1810	2100
Other	27	29	28	27	356	323	365	400
Czechoslovakia								
All meat	225.0	212.0	228.0	335.0	1349.0	1322.0	1542.0	1672.0
Beef and veal	57.0	64.0	60.0	61.0	431.0	415.0	490.0	529.0
Pigmeat	0.6	0.5	0.8	1.1	738.0	728.0	856.0	916.0
Sheepmeat	126.0	108.0	174.0	210.0	6.7	6.5	6.5	7.5
Poultrymeat	0.1	0.1	0.1	0.2	134.0	.	156.0	185.0
Other	41.0	40.0	53.0	63.0	38.8	31.0	34.0	34.0
Hungary								
All meat	3062	2913	3845	4560	1422.0	1306.0	1668.0	1858.0
Beef and veal	870	931	1081	1351	229.0	204.0	267.0	300.0
Pigmeat	1852	1594	2333	2636	892.0	770.0	1080.0	1200.0
Sheepmeat	26	26	32	45	16.7	17.0	14.0	17.0
Poultrymeat	254	299	330	445	280.0	310.0	301.0	335.0
Other	60	64	69	83	4.6	5.0	5.5	5.6

(a) In the Romanian statistics rabbits are counted as poultry, and horsemeat and game are included with beef and veal.
Source: National statistics; Comecon statistics; for 1980 and 1985 own estimates.

Table 32: Per capita consumption of selected foodstuffs in Bulgaria (kg/year)

	1960	1965	1970	1973	1974	1975	1976	1980 planned	1980 Projected	1985 Projected	Target consumption (a)
Products processed from cereals (calculated as flour)	190.0	193.0	174.0	170.0	165.0	162.0	164.0	150	142	127	100
Meat and meat products (including fat)	32.7	43.1	43.7	52.4	53.4	60.6	64.5	70	70	80	80
Milk and milk products (calculated as milk)	126.0	137.0	161.0	183.0	189.0	198.0	206.0	220.0			260.0
Eggs (numbers)	84.0	100.0	122.0	135.0	140.0	146.0	149.0	200.0			265.0
Fish and fishery products	2.0	3.2	5.2	5.7	6.0	5.9	6.5	8.0			10.0
Potatoes	34.8	28.9	25.9	26.8	27.2	23.1	24.6	.			.
Vegetables and vegetable products (calculated as fresh vegetables)	122.0	113.0	118.0	116.0	125.0	127.0	114.0	150.0			180.0
Sugar and sugar products (calculated as white sugar)	17.7	22.3	32.9	33.0	33.3	32.5	34.5	51.5			32.0

(a) So-called economically justified consumption norm.

Source: Bulgarian statistics; Comecon statistics; Five-year Plan 1976-1980; Figures for 1980 and 1985: own estimates.

Table 33: Per capita consumption of selected foodstuffs in the German Democratic Republic (kg/year)

	1960	1965	1970	1973	1974	1975	1976	1980 Projected	1985 Projected
Products processed from cereals (calculated as flour)	102.0	100.0	97.3	94.1	94.2	94.8	94.8	94.0	94.0
Meat and meat products (excluding fat)	55.0	58.7	66.1	73.5	75.3	77.8	80.7	90.4	100.2
Slaughter fats (weight of product)	7.1	6.6	5.8	5.1	4.9	5.1	5.0		
Vegetable fats (weight of product)	12.0	12.5	13.2	13.1	13.2	12.9	13.2		
Drinking milk and butter converted into milk)	.	257.0	275.0	298.0	310.0	309.0	313.0		
Eggs (number)	197.0	211.0	239.0	250.0	264.0	268.0	269.0		
Fish and fishery products	.	9.1	7.9	8.4	8.4	8.5	8.5		
Potatoes	174.0	157.0	154.0	145.0	141.0	142.0	144.0		
Vegetables and vegetable products (fresh vegetable equivalent)	60.7	63.8	84.8	93.9	87.7	96.6	84.3		
Sugar and sugar products (white sugar equivalent)	29.3	30.1	34.4	35.1	36.9	36.8	38.4		

Source: GDR statistics. Figures for 1980 and 1985: own estimates.

Table 34: Per capita consumption of selected foodstuffs in Poland (kg/year)

	1960	1965	1970	1973	1974	1975	1976	1980 Planned	1980 Projected	1985 Projected
Products processed from cereals (calculated as flour)	145.0	141.0	131.0	125.0	123.0	120.0	124.0	108	110	100
Meat and meat products (excluding fat)	42.5	49.2	53.0	62.1	65.6	70.3	70.0	75	81	94
Slaughter fats (weight of product)	7.4	6.8	8.2	8.4	8.2	8.1	8.0	8.0		
Vegetable fats (weight of product)	3.5	5.7	6.6	7.2	7.5	7.5	7.8	8.9		
Milk and milk products (calculated as milk)	363.0	367.0	413.0	425.0	424.0	432.0	.	470.0		
Eggs (number)	143.0	162.0	186.0	200.0	205.0	209.0	214.0	235.0		
Fish and fishery products	4.5	5.0	6.3	7.2	7.3	7.2	7.7	9.9		
Potatoes	223.0	215.0	190.0	183.0	177.0	173.0	173.0	150.0		
Vegetables and vegetable products (fresh vegetable equivalent)	.	.	98.0	93.0	84.3	94.0	87.7	120.0		
Sugar and sugar products (white sugar equivalent)	27.9	32.6	39.2	42.0	43.9	43.0	43.9	46.0		

Source: Polish statistics; Five-year Plan 1976-1980. Figures for 1980 and 1985: own estimates.

Table 35: Per capita consumption of selected foodstuffs in Romania (kg/year)

	1965 ^(a)	1970	1975	1980	1985
				Projected	Projected
Products processed from cereals (calculated as flour)	183.0	172.0	167.0	152.0	137
Milk and milk products (excluding fat)	26.6	31.2	37.0 ^(b)	47.8	58
<hr/>					
Fats	9.5	11.4	13.7		
of which slaughter fats ^(c)	2.7	3.1	3.7		
Milk and milk products	116.0	121.8	146.2		
Eggs (kg) ^(d)	5.1	6.3	9.5		
Fish and fishery products	.	.	.		
Potatoes	66.0	54.1	83.2		
Vegetables and vegetable products (fresh vegetable equivalent)	60.0	69.0	90.0		
Sugar and sugar products (white sugar equivalent)	9.5	11.4	13.7		

(a) Average 1964/65/66

(b) 1974.

(c) Own estimate

(d) Equivalent to about 93/115/173 eggs.

Source: Isolated Romanian data; Polish statistics. Figures for 1980 and 1985: own estimates.

Table 36: Per capita consumption of selected foodstuffs in the Soviet Union (kg/year)

	1960	1965	1970	1973	1974	1975	1976	Planned 1980	1980 Projected	1985 Projected	Target consumption (a)
Products processed from cereals (calculated as flour)	160.0	156.0	149.0	143.0	142.0	141.0	142.0	144	136	128	120
Meat and meat products (including fat)	40.0	41.0	48.0	53.0	55.0	57.0	55.0	60	59/60 ^(b)	61/66 ^(b)	82
Milk and milk products (converted into fresh milk)	240.0	251.0	307.0	307.0	316.0	315.0	315.0	330			467
Eggs (number)	118.0	124.0	159.0	195.0	208.0	215.0	202.0	225			365
Fish and fishery products	9.9	12.6	15.4	16.1	16.8	16.8	18.5	.			16-18
Potatoes	143.0	142.0	130.0	122.0	124.0	120.0	119.0	115			95
Vegetables and vegetable products (fresh vegetable equivalent)	70.0	72.0	82.0	85.0	87.0	87.0	87.0	113			164
Sugar and sugar products (white sugar equivalent)	28.0	34.2	38.8	40.8	40.5	40.8	40.4	43			44

(a) So-called economically justified consumption norm

(b) Alternative calculations, cf. 113 et seq.

Source: Soviet statistics; Five-year Plan 1976-80. Figures for 1980 and 1985: own estimates. Consumption norm: national balance sheet (published in Russian), Moscow, 1977.

Table 37: Per capita consumption of selected foodstuffs in Czechoslovakia (kg/year)

	1960	1965	1970	1973	1974	1975	1976	1980 Planned	1980 Projected	1985 Projected
Products processed from cereals (calculated as flour)	126.0	130.0	113.0	109.0	108.0	108.0	108.0	104.0	102.0	97.0
Meat and meat products (excluding fat)	56.8	61.7	71.9	76.7	78.4	81.1	81.4	82.7	93.5	102.4
Slaughter fats (weight of product)	.	8.1	6.1	6.1	6.0	6.0	.	.	.	.
Vegetable fats (weight of product)	.	7.8	9.3	9.7	9.3	9.2	.	.	.	.
Milk and milk products (calculated as milk)	.	250.0	304.0	336.0	332.0	331.0	.	231.7	.	.
Eggs (number)	179.0	228.0	277.0	293.0	293.0	295.0	294.0	283.0	.	.
Fish and fishery products	4.7	4.9	5.2	5.5	5.6	5.6	5.7	6.5	.	.
Potatoes	100.0	93.0	103.0	106.0	108.0	98.0	100.0	104.6	.	.
Vegetable and vegetable products (fresh vegetable equivalent)	63.1	76.7	76.3	71.1	75.8	73.7	70.0	.	.	.
Sugar and sugar products (white sugar equivalent)	36.3	37.5	37.7	38.6	38.6	38.0	38.2	38.7	.	.

Source: Czechoslovakia statistics; Five-year Plan 1976-80; Comecon statistics. Figures for 1980 and 1985: own estimates.

Table 38: Per capita consumption of selected foodstuffs in Hungary (kg/year)

	1960	1965	1970	1973	1974	1975	1976	1980 planned	1980 Projected	1985 Projected
Products processed from cereals (calculated as flour)	133.0	136.0	124.0	120.0	120.0	118.0	116.0 ^(a)	114.0	114.0	109.0
Meat and meat products (excluding fat)	47.6	51.6	57.6	63.7	66.2	68.0	67.2 ^(a)	76.0	78.0	88.0
Slaughter fats (weight of product)	20.8	19.5	23.0	22.8	22.2	22.1	22.0	.	.	.
Vegetable fats (weight of product)	1.3	2.0	2.8	3.9	4.3	4.6	5.3	.	.	.
Milk and milk products (calculated as milk)	.	132.0	145.0	151.0	156.0	152.0	155.0 ^(a)	155.0	.	.
Eggs (number)	160.0	188.0	247.0	264.0	270.0	270.0	270.0 ^(a)	.	.	.
Fish and fishery products	1.5	1.6	2.3	2.6	2.6	2.8	2.7	4.0	.	.
Potatoes	97.6	84.3	75.1	66.5	66.4	65.0	64.0	70.0	.	.
Vegetables and vegetable products (fresh vegetable equivalent)	84.1	76.7	83.2	86.7	86.5	85.2	.	.	.	.
Sugar and sugar products (white sugar equivalent)	26.6	30.1	33.5	37.1	37.7	39.5	33.0	40.5	.	.

(a) Own estimate

Source: Hungarian statistics; Comecon statistics; Five-year Plan 1976-80; figures for 1980 and 1985 own estimates.

Table 39: Percentage wastage comparing per capita production and consumption of meat in the Comecon countries after allowance for external trade

	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	Ø 1965/75
Bulgaria ^(a)	18.64	15.24	14.85	15.06	10.80	11.78	14.29	10.20	11.33	14.10	7.37	13.06
GDR	12.98	15.12	17.20	17.44	15.31	14.88	13.47	15.35	15.04	19.17	22.83	16.25
Poland	4.54	6.68	5.31	5.70	4.84	3.67	4.24	6.05	8.74	11.50	6.61	6.17
Soviet Union	5.09	4.35	5.06	1.40	3.80	5.93	8.89	6.06	2.53	8.19	6.72	5.27
Czechoslovakia ^(b)	13.61	.	.	.	.	15.44	12.30	12.21	7.88	14.38	11.15	12.42
Hungary ^(b)	34.26	37.67	38.08	37.85	35.20	37.07	37.02	38.83	36.83	34.78	33.62	36.47

^(a) For Romania an average of 21% was estimated on the basis of the figures for 1965, 1970 and 1975.

^(b) Excluding slaughter fat.

Source: Own calculations.

Table 40: Population trends in the Comecon countries from 1965 to 1985 (end of year, millions)

	1970	1975	1976	1977	1980	1985
Bulgaria	8,515	8,730	8,786	8,825	8,995	9,268
GDR	17,068	16,820	16,767	16,800	17,100	17,400
Mongolia	1,265	1,469	1,512	1,555	1,676	1,943
Poland	32,658	34,186	34,528	34,860	35,316	36,685
Romania	20,361	21,352	21,559	21,800	22,057	22,908
Soviet Union	243,873	255,524	257,824	260,000	268,115	281,540
Czechoslovakia	14,350	14,856	14,350	15,084	15,189	15,579
Hungary	10,354	10,572	10,354	10,671	10,721	10,841
Comecon total	348,444	363,509	365,680	369,595	379,169	396,164

Source: 1965, 1970, 1975 and 1976: statistical yearbooks of the Comecon countries;
 1977: 1977 reports on the fulfilment of plans; 1980 and 1985: Bulgaria 0.6% linear increase;
 Mongolia 3.0% linear increase; other countries: Selected World Demographic Indicators by Countries
 1950-2000, UN Working Papers 55 (1975); GDR figures corrected in the light of actual development up to 1976.

Table 41: Breakdown of cereal consumption in Bulgaria by use

	1970	1971	1972	1973	1974	1975	1980	1985
A. Human consumption								
'000 t	2 019	2 092	2 031	2 003	1 974	1 878	1 750	1 612
% of gross production	29	29	25	27	29	24	19	15
B. Feed								
'000 t	3 596	3 738	4 309	3 887	3 519	4 208	4 880	5 570
% of gross production	52	52	52	52	52	54	54	53
C. Seed								
'000 t	406	414	406	387	383	414	414	414
% of gross production	6	6	5	5	6	5	5	4
Consumption A + B + C, '000 t	6 021	6 244	6 746	6 277	5 876	6 500	7 044	7 596
Own production, '000 t	6 916	7 189	8 224	7 418	6 715	7 792	9 036	10 546
Difference, '000 t	+895	+945	+1 478	+1 141	+839	+1 292	+1 992	+2 950
Exports '000 t	466	573	840	388	163	202		
Imports '000 t	160	197	1	140	644	653		
D. Other purposes, '000 t	589	569	639	893	1 320	1 743		

Source: National statistics; own calculations.

Table 42: Breakdown of cereal consumption in the GDR by use

	1970	1971	1972	1973	1974	1975	1980	1985
A. Human consumption								
'000 t	2 267	2 266	2 247	2 186	2 183	2 175	2 225	2 241
% of gross production	35	29	26	26	22	24	22	20
B. Feed								
'000 t	4 443	5 958	7 319	7 714	9 300	8 539	9 410	9 980
% of gross production	68	76	85	90	95	95	93	88
C. Seed								
'000 t	410	420	422	429	441	456	456	456
% of gross production	6	5	5	5	5	5	4	4
Consumption A + B + C, '000 t	7 120	8 644	9 988	10 329	11 924	11 170	12 091	12 677
Own production, '000 t	6 534	7 840	8 610	8 571	9 789	8 988	10 100	11 271
Difference, '000 t	-586	-804	-1 378	-1 758	-2 135	-2 182	-1 991	-1 406
Exports '000 t	331	350	317	348	376	397		
Imports '000 t	3 474	3 110	3 899	3 041	2 821	3 398		
D. Other purposes, '000 t	2 557	1 956	2 204	935	310	819		

Source: National statistics; own calculations.

Table 43: Breakdown of cereal consumption in Poland by use

	1970	1971	1972	1973	1974	1975	1980	1985
A. Human consumption								
'000 t	5 536	5 439	5 468	5 405	5 383	5 311	5 322	5 025
% of gross production	33	27	26	24	23	27	24	20
B. Feed								
'000 t	11 637	14 154	14 914	15 950	16 779	14 270	16 740	18 950
% of gross production	70	70	72	72	72	72	75	75
C. Seed								
'000 t	1 536	1 550	1 552	1 506	1 486	1 441	1 531	1 531
% of gross production	9	8	8	7	6	7	7	6
Consumption A + B + C, '000 t								
Own production, '000 t	18 709	21 143	21 934	22 861	23 648	21 022	23 575	25 488
	16 624	20 220	20 714	22 153	23 304	19 819	22 256	25 088
Difference, '000 t	-2 085	-923	-1 220	-708	-344	-1 203	-1 319	-400
Exports '000 t	201	113	287	418	265	106		
Imports '000 t	2 564	3 049	3 203	3 345	4 184	4 075		
D.other purposes, '000 t	278	2 013	1 696	2 219	3 575	2 766		

Source: National statistics; own calculations.

Table 44: Breakdown of cereal consumption in Romania by use

	1970	1975	1980	1985
A. Human consumption	4 844	4 905	4 593	4 299
'000 t	45	32	27	23
% of gross production				
B. Feed	5 756	8 457	10 690	12 700
'000 t	53	55	63	66
% of gross production				
C. Seed	1 091	1 143	1 143	1 143
'000 t	12	17	7	6
% of gross production				
Consumption A + B + C, '000 t	11 691	14 505	16 426	18 142
Own production, '000 t	10 860	15 377	16 886	19 107
Difference, '000 t	-831	+872	+460	+965
Exports '000 t	419	1 164		
Imports '000 t	253	1 228		
D. Other purposes, '000 t	-997	+936		

Sources: National statistics; own calculations.

Table 45: Breakdown of cereal consumption in the Soviet Union by use

	1970	1971	1972	1973	1974	1975	1980	1985
A. Human consumption								
'000 t	46 325	46 018	45 929	45 619	45 796	45 959	46 748	46 201
% of gross production	25	25	27	21	23	33	22	20
B. Feed								
'000 t	93 042	101 518	104 410	104 186	112 183	115 404	126 450	135 540
% of gross production	50	56	62	47	57	82	59	58
C. Seed								
'000 t	27 335	27 031	27 540	29 048	29 152	29 320	29 338	29 796
% of gross production	15	15	16	13	15	21	14	13
Consumption A + B + C, '000 t	166 702	174 567	177 879	178 853	187 131	190 683	202 536	211 537
Own production, '000 t	186 795	181 175	168 238	222 530	195 708	140 118	213 626	232 814
Difference, '000 t	+20 093	+6 608	-9 641	+43 677	+8 577	-50 565	+11 090	+21 277
Exports '000 t	6 786	9 595	5 086	5 807	8 444	4 398		
Imports '000 t	2 842	4 196	16 161	24 482	7 764	16 622		
D. Other purposes, '000 t	16 149	1 209	1 434	62 352	7 897	-38 341		

Source: National statistics; own calculations.

Table 46: Breakdown of cereal consumption in Czechoslovakia by use

	1970	1971	1972	1973	1974	1975	1980	1985
A. Human consumption	2 166	2 171	2 139	2 106	2 112	2 111	2 066	2 015
'000 t	30	25	25	22	20	22	19	16
% of gross production								
B. Feed	4 740	5 938	6 110	6 795	7 739	7 067	7 964	8 610
'000 t	65	67	70	70	74	75	74	70
% of gross production								
C. Seed	475	485	497	501	503	504	505	505
'000 t	7	6	6	5	5	5	5	4
% of gross production								
Consumption A + B + C, '000 t	7 381	8 594	8 746	9 404	10 354	9 682	10 535	11 130
Own production, '000 t	7 292	8 862	8 729	9 707	10 458	9 423	10 684	12 215
Difference, '000 t	-89	+268	-17	+305	+104	-259	+149	+1 085
Exports '000 t	75	53	37	53	217	73		
Imports '000 t	1 443	2 201	1 691	1 708	1 252	1 039		
D. Other purposes, '000 t	1 279	2 416	1 637	1 960	1 139	707		

Source: National statistics; own calculations.

Table 47: Breakdown of cereal consumption in Hungary by use

	1970	1971	1972	1973	1974	1975	1980	1985
A. Human consumption								
'000 t	1 688	1 692	1 669	1 651	1 653	1 631	1 608	1 555
% of gross production	22	17	15	14	13	13	13	12
B. Feed								
'000 t	4 667	6 071	6 871	7 664	8 203	8 033	8 990	9 830
% of gross production	60	61	63	65	65	65	72	74
C. Seed								
'000 t	559	582	598	598	600	579	580	580
% of gross production	7	6	6	5	5	5	5	4
Consumption A + B + C, '000 t	6 914	8 345	9 138	9 913	10 456	10 243	11 178	11 582
Own production, '000 t	7 778	9 952	10 907	11 791	12 620	12 359	12 393	14 325
Difference, '000 t	+864	+1 607	+1 769	+1 878	+2 164	+2 116	+1 215	+2 360
Exports '000 t	856	147	550	1 764	1 860	1 278		
Imports '000 t	225	832	807	283	408	196		
D. Other purposes, '000 t	233	2 292	2 026	397	712	1 034		

Source: National statistics; own calculations.

Table 48: External trade in cereals ('000 t) - Bulgaria

	1970	1971	1972	1973	1974	1975	1976	
All cereals	Imports Exports	160 466	197 573	1 840	140 388	644 163	653 202	441 463
of which:								
Wheat	Imports Exports	52 211	150 324	- 509	. 220	80 139	107 113	32 253
Barley	Imports Exports	106 -	8 -	- 40	53 16	202 0	279 0	1 44
Maize	Imports Exports	1 250	33 230	- 285	68 129	359 10	225 82	376 155
Rye	Imports Exports	. -	. -	- -	10 -	0 0	49 -	2 -
Rice	Imports Exports	1 1	2 3	1 1	4 1	7 0	5 .	7 .
Flour and meal	Imports Exports	3 -	15 -	7 -	21 -	14 -	- -	4 -

Source: Bulgarian external trade statistics; Comecon Statistical Yearbook; FAO; own calculations.

Table 49: External trade in cereals^(a) ('000 t) - GDR

	1970	1971	1972	1973	1974	1975	1976
All cereals	3 474	3 110	3 899	3 041	2 821	3 398	3 768
Imports ^(b)	331	350	317	348	376	397	
Exports							
of which:							
Wheat	2 084	1 867	2 040	1 594	1 219	1 130	1 169
Imports	60	116	51	82	68	73	
Exports							
Barley	799	187	675	298	104	390	463
Imports	151	165	167	173	184	193	
Exports							
Maize	376	656	1 031	1 086	1 328	1 795	.
Imports							
Exports							
Rye	132	36	-	0	.	36 ^c	.
Imports	87	28	49	37	92	129 ^c	
Exports							
Oats	28	38	48	51	30		
Imports							
Exports							
Rice	30	44	44	51	51	38	
Imports							
Exports							
Cereal seed	5	3	2	5	2	2	
Imports							
Exports							
Cereal products	.	34	32	34	38	41	
Imports							
Exports							
Malt	5	5	5	5	5	5	
Imports	9	10	9	.	.	6	
Exports							

(a) Including intra-German trade.

(b) Sum of the individual items; total exports may be higher.

(c) Rye and oats.

Source: Statistics of trading partners; Statistical Yearbook of the GDR; Comecon Statistical Yearbook; Czechoslovak external trade statistics (malt), FAO.

Table 50: External trade in cereals ('000 t) - Poland

	1970	1971	1972	1973	1974	1975	1976
All cereals	2 564	3 049	3 203	3 345	4 184	4 075	5 992
Imports	201	113	287	418	265	106	48
Exports	1 099	1 910	1 274	1 620	1 758	1 477	2 311
of which :							
Wheat							
Imports	1 094	616	1 332	780	1 135	1 376	742
Exports	145	78	129	43	69	29	.
Maize							
Imports	231	267	337	684	765	640	2 035
Exports							
Rye							
Imports	66	111	114	23	76	117	.
Exports	39	17	36	353	193	70	.
Oats							
Imports	-	-	46	119	39	105	.
Exports	17	15	42	14	1	5	.
Rice							
Imports	60	74	70	54	63	74	119
Exports							
Buckwheat							
Imports	5	3	4	9	2	24	
Exports							
Millet							
Imports	-	39	-	26	317	277	694
Exports							
Cereal seed							
Imports	25	15	25	28	30	38	
Exports	1	2	79	8	3	2	.
Malt							
Imports	34	31	31	36	28	20	.
Exports							

Source: Polish external trade statistics; FAO; statistics of trading partners.

Table 51: External trade in cereals ('000 t) - Romania

	1970	1971	1972	1973	1974	1975	1976
All cereals	253 419	1 100 ^(a) 742	490 905	310 1 128	1 376 713	1 228 1 164	1 688 758
of which :							
Wheat	152 14	334 236	29 544	· 776	468 641	398 705	925 ^(a) ·
Barley	· 6	145 ·	220 3	50 0	216 0	53 0	· ·
Maize	· 357	· 466	183 357	67 350	461 71	500 ^(a) 458	· ·
Rye	·	·	·	53	61	·	·
Flour and meal							
Imports		38	1	·	·	·	·
Exports	42						
Rice	36	61	29	70	40	62	·

(a) Estimate

Source: Romanian external trade statistics; FAO; US Department of Agriculture.

Table 52: External trade in cereals ('000 t) - Soviet Union

	1970	1971	1972	1973	1974	1975	1976
All cereals							
Imports	2 842	4 196	16 161	24 482	7 764	16 622	21 490
Exports	6 786	9 595	5 086	5 807	8 444	4 398	2 350
of which :							
Wheat							
Imports	1 846	2 300	8 100	15 200	2 707	9 146	6 686
Exports	4 733	7 617	3 890	4 193	5 262	2 665	808
Barley							
Imports	-	12	2 600	1 900	284	1 001	2 244
Exports	503	688	298	276	924	818	503
Maize							
Imports	304	881	4 059	5 380	3 440	5 548	11 376
Exports	281	137	260	377	799	95	149
Rye							
Imports	.	.	114	1 300	691	-	.
Exports	173	208	.	.	.	.	.
Oats							
Imports	9	10	8	19	61	9	0
Exports							
Rice							
Imports	323	332	280	154	194	279	324
Exports	9	24	103	82	147	15	11
Millet							
Imports	5	4	4	6	11	5	6
Exports							
Flour and meal							
Imports	360	388	381	428	439	434	528
Exports	1 073	908	524	853	1 240	791	878
Malt							
Imports	65	81	93	97	191	161	143
Exports	234	236	226	233	234	226	.
Starch							
Imports	11	7	9	31	9	12	12
Exports	19	14	8	6	16	10	17

Source: Soviet external trade statistics; Comecon Statistical Yearbook; FAO; own calculations.

Table 53: Breakdown of the Soviet Union's cereal imports by origin ('000 t)

	1970	1971	1972	1973	1974	1975	1976
All cereals	2 842	4 196	16 162	24 482	7 764	16 622	21 490
Comecon	294	225	456	1 089	137	1 235	749
EEC	10	270	1 534	1 797	360	339	351
Other	2 282	3 376	12 663	20 512	6 610	14 439	18 797
of which: USA		200	6 767	14 611	3 982	7 151	12 006
Canada	1 977	2 174	5 047	4 614	834	3 301	3 690
Australia		277	479	845	581	1 186	1 263
Argentina		196			670	1 792	1 260
of which:							
Wheat	1 846	2 300	8 100	15 200	2 707	9 146	6 686
Comecon			310	339	118	1 055	348
EEC		200	557	344			
Other	1 634	2 082	6 939	14 357	2 578	8 004	6 314
of which: USA	-	-	2 419	9 848	1 323	3 811	2 052
Canada	1 634	1 805	4 000	3 535	411	2 197	2 038
Australia		277	479	845	581	1 186	1 263
Argentina					206	810	961
not recorded	212	18	294	159	11	86	24
Barley	-	12	2 600	1 900	284	1 001	2 244
Comecon	-			15			
EEC	-	12	906	1 019	172	295	351
Other	-		1 478	762	49	597	963
of which: USA			776	13			
Canada	-		681	670	49	521	862
not recorded	-	0	217	104	64	109	930

Table 53 (continued)

	1970	1971	1972	1973	1974	1975	1976
Maize							
Comecon	304	881	4 059	5 380	3 440	5 548	11 376
EEC	294	225	129	367	19	180	401
Other	10	58	262	262	10		
of which: USA	-	598	3 572	4 750	3 411	5 018	10 725
Canada		200	3 572	4 750	2 659	3 284	9 891
Argentina		196			0	12	206
Brazil		50			464	954	299
not recorded	0	0	358	0	288	749	535
					0	350	250
Rye							
Comecon	.	.	114	1 300	691	-	.
EEC			17	368			
Other			71	172	163		
not recorded			26	81	25		
			0	679	503		
Rice							
Comecon	323	332	280	154	194	279	324
EEC					15	43	
Other	305	327	280	153	173	189	211
of which: USA						10	63
Argentina	18	5	0	1	6	14	113
not recorded	.	.	.	.	.	47	.
Oats							
Comecon							
EEC						1	89
Other						209	
of which: USA						46	89
Canada						163	
not recorded						.	.

Table 53 (continued)

	1970	1971	1972	1973	1974	1975	1976
Flour and meal	360	388	381	428	439	434	528
Comecon							
EEC							
Other	343	369	368	409	374	422	495
of which: Canada	343	369	366	409	374	408	495
Argentina						14	
not recorded	16	19	13	19	65	12	33

(a) The figures for Comecon, EEC and "Other" are the sums of the individual figures for each group of countries and may therefore be lower than the real totals which could not be determined.

Source: Soviet external trade statistics; statistics of trading partners; FAO.

Table 54: Breakdown of the Soviet Union's exports by destination ('000 t)

	1970	1971	1972	1973	1974	1975	1976
All cereals							
Comecon	6 786	9 595	5 086	5 807	8 444	4 398	2 350
EEC	4 184	5 992	3 380	3 238	3 999	2 382	585
Other	380	666	122			16	
of which: Cuba	2 113	2 145	1 274	1 706	2 078	1 649	1 756
not recorded	932	1 051	1 105	1 093	971	1 113	1 179
	109	792	310	863	2 367	351	9
of which:							
Wheat							
Comecon	4 733	7 617	3 890	4 193	5 262	2 665	808
EEC	3 665	5 320	2 922	2 669	3 096	1 865	-
Other	216	531	103				
of which: Cuba	851	1 013	613	693	602	752	802
not recorded	318	404	436	419	397	404	389
	0	753	252	831	1 564	48	6
Barley							
Comecon	503	688	298	276	924	818	503
EEC	293	451	251	256	405	476	456
Other	163	126				16	
of which: Cuba	42	98	47	20	69	43	46
not recorded	42	42	47	20	69	34	46
	5	13	0	0	450	283	1
Maize							
Comecon	281	137	260	377	799	95	149
EEC			138	276	460	-	56
Other	185	118	61	90	97	86	92
of which: Cuba	183	118	61	90	93	86	92
not recorded	96	19	61	11	242	9	1

Table 54 (continued)

	1970	1971	1972	1973	1974	1975	1976
Rye	173	208	36	.	.	.	.
Comecon	161	189	36				
EEC	-	-	-				
Other	11	19	-				
of which: Cuba	-	-	-				
not recorded	0	0	0				
Rice	9	24	103	83	147	15	11
Comecon	8	6	7	7	3	4	8
EEC	1	9	17				
Other	-	8	80	75	143	11	-
of which: Cuba	-	-	-	-	-	-	-
not recorded	0	0	0	0	0	0	3
Millet	5	4	4	6	11	5	6
Comecon	5	4	4	6	11	5	6
Oats	9	10	8	19	61	9	0
Cuba	9	10					
not recorded	0	0	8	19	61	9	0
Flour and meal	1 073	908	524	853	1 240	791	878
Comecon	52	22	22	24	24	32	59
EEC							
Other	1 015	879	473	828	1 167	757	816
of which : Cuba	398	428	423	467	433	472	523
not recorded	6	7	29	0	49	2	3

(a) The figures for Comecon, EEC and "Other" are the sums of the individual figures for each of those groups of countries and may therefore be lower than the real totals, which could not be determined.
Source: Soviet external trade statistics; statistics of trading partners; FAO.

Table 55: External trade in cereals ('000 t) - Czechoslovakia

	1970	1971	1972	1973	1974	1975	1976
All cereals							
Imports	1 443	2 201	1 691	1 708	1 252	1 039	2 150
Exports	75	53	37	53	217	73	200
of which :							
Wheat							
Imports	1 026	1 205	1 094	950	664	515	689
Exports							
Barley							
Imports	139	133	112	132	90	82	15
Exports	54	33	35	33	33	48	183
Maize							
Imports	123	487	302	478	342	293 ^(a)	1 260
Exports							
Rye							
Imports	76	214	41	-	0	-	.
Exports	.	0	.	.	156	7	3
Oats							
Imports	7	0	.	1	18	17	11
Exports							
Rice							
Imports	77	80	70	70	74	71	71
Exports	1	-	-	-	-	-	-
Flour and meal							
Imports	2	81	71	77	80	73	82
Exports	13	18	2	20	10	0	1
Malt							
Imports							
Exports	199	204	193	199	201	194	201

(a) Estimate.

Source: Czechoslovak external trade statistics; Comecon Statistical Yearbook; FAO; own calculations.

Table 56: External trade in cereals ('000 t) - Hungary

	1970	1971	1972	1973	1974	1975	1976
All cereals							
Imports	225	832	807	283	408	196	259
Exports	856	147	550	1 764	1 860	1 278	1 734
of which :							
Wheat							
Imports	178	405	36	1	4	31	58
Exports	580	93	369	925	934	922	732
Barley							
Imports	23	209	548	199	333	101	153
Exports	19	0	122	88	14	-	1
Maize							
Imports	1	162	108	2	6	2	20
Exports	210	50	44	714	848	344	966
Rye							
Imports	-	30	54	49	0	16	3
Exports	35	0	0	20	40	0	.
Oats							
Imports	2	8	44	18	53	26	11
Exports							
Rice							
Imports	21	18	10	14	12	15	13
Exports	1	0	4	6	2	1	
Flour and meal							
Imports	.	.	7	.	.	.	.
Exports	11	12	10	11	22	11	12
Malt							
Imports							
Exports	0	1	1	.	4	3	.

(a) Fodder rye only

Source: Hungarian external trade statistics; FAO; own calculations.

Table 57: Breakdown of Comecon imports^(a) of wheat, barley and maize by supplying countries ('000 t)

	1970	1971	1972	1973	1974	1975
Wheat	6 323	7 852	12 609	19 451	6 978	12 876
of which : from Comecon countries	3 557	5 367	3 545	3 634	3 949	3 335
EEC Member States	43	451	815	403	24	52
Other countries	1 665	2 156	7 068	14 934	2 695	8 900
not recorded	1 058	- 122	1 181	498	10	589
Barley	2 160	1 310	5 487	3 412	2 363	3 282
of which : from Comecon countries	288	425	322	279	657	549
EEC Member States	987	483	2 359	1 625	479	1 074
Other countries	140	260	1 858	1 114	867	1 071
not recorded	745	142	948	394	360	588
Maize	1 035	2 478	6 020	7 756	6 691	8 987
of which : from Comecon countries	410	330	507	893	1 062	507
EEC Member States	76	434	60	263	74	6
Other countries	161	1 004	3 900	5 519	3 979	6 514
not recorded	388	710	1 553	1 081	1 576	1 960

(a) Including Mongolian wheat imports; excluding Cuba.

Source: External trade statistics of Comecon, the individual Comecon countries and their trading partners.

Table 58: Breakdown of Comecon exports (a) of wheat, barley and maize by receiving countries ('000 t)

	1970	1971	1972	1973	1974	1975
Wheat	5 504	8 411	5 376	6 224	7 059	4 507
of which : to Comecon countries	3 665	5 399	3 597	3 623	3 844	3 184
EEC Member States	290	912	417	100	79	101
Other countries	913	1 326	1 106	1 050	917	847
not recorded	636	774	256	1 451	2 219	375
Barley	876	964	794	629	1 224	1 088
of which : to Comecon countries	293	451	330	272	692	507
EEC Member States	439	339	269	207	188	208
Other countries	57	138	117	28	72	43
not recorded	87	36	78	122	272	330
Maize	1 097	882	945	1 570	1 728	978
of which : to Comecon countries	88	182	410	1 099	1 226	516
EEC Member States	382	382	344	262	47	4
Other countries	217	294	129	142	197	185
not recorded	410	24	62	67	258	273

(a) Including Mongolian wheat exports; excluding Cuba.

Source: External trade statistics of Comecon, the individual Comecon countries and their trading partners.

Table 59: Comecon external trade in wheat (excluding flour and meal), 1975 ('000 t)

Destination Supplying country	Bul- garia	GDR	Poland	Romania	Soviet Czechoslovakia	Hungary	Comecon (b)	EEC	Other	Not recorded	Total
Bulgaria	x				-	31	(31)	-	81	-	113
GDR		x						73		.	(73)
Poland			x					-			P
Romania				x	381		(381)	-	.	325	705
Soviet Union		577	752		x	505	(1854) ^a	-	752	59	2665
Czechoslovakia						x		-			C
Hungary	50	375	78		675	x	1178	-	14	2	1194
Comecon (b)	(50)	(952)	(830)	.	(1055)	(31)	(3444) ^a	73			(4750)
EEC	-	-	52	-	-	1	0	53			
Other countries	.	.	(470)	(401)	(8004)	10	0				
of which: USA		15	308	86	3811	10					
Canada			162	315	2197						
Argentina					810						
Australia					1186						
Not recorded	57	163	126	67	86	-	-	-	-	-	-
Total	107	1130	1477	(468)	9146	516	31	(12875)			

(a) Including 20 000 t supplied to Mongolia. (b) Excluding Cuba. The figures in brackets are the sums of the entries in the individual columns or lines and may therefore be lower than the real totals, which could not be determined. The sources used were the external trade statistics of the countries of destination and those of the supplying countries; FAO figures and own calculations. Where figures differed, the sources were used in that order. The above figures therefore differ to some extent from those on the individual countries' external trade in cereals.

Table 60: Comecon external trade in barley (excluding malt), 1975 ('000 t)

Destination Supplying country	Bul- garia	GDR	Poland	Romania	Soviet Union	Czecho- slovakia	Hungary	Come- con (a)	EEC	Other	Not recorded	Total
Bulgaria	x								-		O	O B
GDR	x	21					10	(31)	162			(193) G
Poland		x			-				26		3	29 P
Romania				x					-		O	O R
Soviet Union		143	262		x	82	18	(505)	16	(43)	254	818 S
Czechoslovakia						x	12	(12)	-	.	36	48 C
Hungary							x	-	-	-	-	- H
Comecon (a)	.	(143)	(283)	.	.	82	41	(549)	204			(1088)
EEC	46	54	638	-	295	-	41	1074				
Other countries	.	.	(427)	.	(597)	-	19					
of which: USA	-	-	235	-	-	-	-					
Canada	-	-	127	-	521	-	16					
Not recorded	233	193	28	53	109	-	0					
Total	279	390	1376	53	1001	82	101	(3282)				

(a) Excluding Cuba.

The figures in brackets are the sums of the entries in the individual columns or lines and may therefore be lower than the real totals, which could not be determined. The sources used were the external trade statistics of the countries of destination and those of the supplying countries; FAO figures and own calculations. Where figures differed, the sources were used in that order. The above figures therefore differ to some extent from those on the individual countries' external trade in cereals.

Table 61: Comecon external trade in maize, 1975 ('000 t)

Destination Supplying country	Bulgaria	GDR	Poland	Romania	Soviet Union	Czecho- slovakia	Hungary	Come- con (a)	EEC	Other countries recorded	Not recorded	Total
Bulgaria	x		3					3	-	79	-	82
GDR		x					0		-			0
Poland			x				0		-			0
Romania				x		192		(192)	1	.	265	458
Soviet Union					x			-	-	86	-	86
Czechoslovakia						x			-			.
Hungary	24	15	3	-	180	90	x	312	3	20	-	335
Comecon (a)	(24)	(15)	(6)	.	(180)	282	0	(507)	4			(961)
EEC	-	.	5	.	-	0	1	6				
Other countries	(115)		629	.	(5018)	25	1					
of which: USA	115	1590	559	432	3284		0					
Canada					12		-					
Argentina					954	25	-					
Brazil					449							
Not recorded	86	190	-		350	-	0					
Total	225	1795	640	(432)	5548	308	2	(8950)				

(a) Excluding Cuba.

The figures in brackets are the sums of the entries in the individual columns or lines and may therefore be lower than the real totals, which could not be determined. The sources used were the external trade statistics of the countries of destination and those of the supplying countries; FAO figures and own calculations. Where figures differed, the sources were used in that order. The above figures therefore differ to some extent from those on the individual countries' external trade in cereals.

Table 62: External trade in meat and livestock - Bulgaria

	1970	1971	1972	1973	1974	1975	1976
Meat and meat products	16,1	15,0	9,7	15,0	39,3	25,5	23,2
Imports	47,3	54,9	52,0	45,4	40,2	62,9	70,4
Exports							
of which :							
Beef and veal	10,6	6,6	1,6	1,7	10,1	17,0	14,2
Imports	6,6	7,1	7,2	7,0	1,0	3,1	1,4
Exports							
Sheepmeat	2,6	1,1	1,0	1,0	1,0	0,3	1,3
Imports	3,0	3,3	5,3	4,5	7,6	10,5	11,3
Exports							
Pigmeat	2,4	7,4	6,6	11,7	25,4	0,3	.
Imports	7,9	10,5	9,8	7,5	2,1	13,7	21,5
Exports							
Table poultry	0,5	-	0,5	0,6	2,3	1,0	0,8
Imports	25,7	31,1	26,3	20,4	24,2	26,8	27,0
Exports							
Slaughterhouse offal	-	-	-	-	-	.	.
Imports	0,2	0,2	0,4	1,4	0,7	1,9	2,3
Exports							
Meat preserves (meat equivalent)	0,0	0,0	0,0	0,0	0,5	.	.
Imports	3,0	2,5	2,8	4,4	4,3	6,9 ^a	6,9 ^a
Exports							
Live cattle ('000 head)	0,7	1,0	0,2	3,7	4,8	4,1	8,3
Imports	45,9	37,5	32,7	35,4	11,6	17,9	17,5
Exports							
Live sheep ('000 head)	1,5	1,2	1,5	0,8	2,2	1,8	1,1
Imports	927,8	838,0	944,0	797,8	462,1	874,0	723,5
Exports							
Live pigs ('000 head)	9,9	29,5	1,7	2,4	3,4	1,7	0,3
Imports	5,6	0,8	.	0,1	.	43,1	11,2
Exports							

(a) Estimate.

Source: Bulgarian external trade statistics; FAO; own calculations.

Table 63: External trade in meat and livestock ('000 t) - GDR

	1970	1971	1972	1973	1974	1975	1976
(a) Meat and meat products	86.7	56.8	53.7	46.2	25.2	23.2	20.2
of which :	52.1	39.1	50.2	65.0	63.8	69.8	.
Imports							
Exports							
Meat, whether fresh, chilled or frozen	77.7	50.8	48.0	41.4	22.5	20.8	.
Imports	43.4	34.0	48.9	59.8	42.3	52.7	.
Exports							
of which: Beef and veal	34.6	22.7	21.4	18.4	10.0	9.3	.
Imports	.	6.4	5.7	.	.	3.9	.
Exports							
Sheepmeat	8.6	5.6	5.3	4.6	2.5	2.3	.
Imports							
Exports							
Pigmeat	17.3	11.3	10.7	9.2	5.0	4.6	.
Imports	27.8	23.4	39.2	49.4	52.0	35.3	.
Exports							
Poultrymeat	8.6	6.6	5.3	5.6	4.7	4.4	.
Imports							
Exports							
Meat preserves (incl. sausages)	5.5	15.9	5.1	15.6	5.5	2.4	.
Imports	0.4	0.1	0.1	0.0	0.9	0.2	.
Exports							
Slaughterhouse offal (b)	5.2	9.9	3.9	1.6	0.7	.	.
Imports	9.3	5.0	5.2	5.2	10.6	10.0	.
Exports							
Live animals							
Cattle	.	57.5	64.7	65.7	44.3	39.7	.
Exports							
Imports							
Calves	.	6.2	8.3	7.2	0.5	13.8	.
Exports							
Imports	1.9	6.1	7.8	10.1	12.6	5.1	.
Exports							
Sheep	.	4.2	22.1	31.3	35.6	73.8	.
Imports	5.1	1.2	4.1	3.5	2.8	2.0	.
Exports							
Horses	.	.	.	.	1.0	1.5	.
Imports							
Exports							
Rabbits	.	.	.	.	.	.	.

(a) The sum of the individual items is greater than the totals for meat and meat products because some items are counted twice and (in respect of meat preserves) uncooked weights are counted.

(b) Including inedible by-products of slaughter but not skin, horn, hoof or hair.

Source: GDR external trade statistics of trading partners; FAO; own calculations.

Table 64: External trade in meat and livestock - Mongolia

	1970	1971	1972	1973	1974	1975	1976
Meat and meat products ('000 t)	Imports 0.3	0.3	0.4	0.5	0.2	0.2	0.3
of which :	Exports 23.2	27.2	29.1	29.5	38.9	41.4	47.7
Beef and veal	Exports .	.	.	.	12.8	13.7	.
Sheepmeat	Exports .	.	.	.	26.1	27.7	.
Horsemeat	Exports .	.	.	.	.	1.1	0.3
Live cattle ('000 head)	Exports 41.6	34.8	41.4	52.2	41.4	54.5	55.3
Live sheep ('000 head)	Exports 944.7	1 017.4	1 165.0	1 198.3	1 290.0	1 010.0	856.0
Live horses ('000 head)	Exports 59.1	63.0	60.9	60.5	60.3	61.8	62.2

Source: Comecon external trade statistics; FAO; Soviet external trade statistics.

Table 65: External trade in meat and livestock ('000 t or '000 head) - Poland

	1970	1971	1972	1973	1974	1975	1976
Meat and meat products ('000 t)	43.0	149.9	53.6	51.9 ^(a)	5.8 ^(a)	15.5 ^(a)	43.0 ^(a)
Imports	166.9	183.4	178.3	201.4	219.9	91.0 ^(a)	48.2 ^(a)
Exports							
of which :							
Beef	1.6	2.8	7.8	14.4	2.0	.	.
Imports	15.0	15.9	16.0	31.9	50.6	.	.
Exports							
Veal	-	-	-	-	-	-	.
Imports	2.3	2.7	2.1	1.5	1.2	0.8	.
Exports							
Pigmeat	37.5	147.1	44.5	37.5	3.8	14.4	.
Imports	.	4.6	7.0	15.1	8.9	3.6	.
Exports							
Horsemeat	12.5	13.8	11.2	8.9	11.0	11.8	.
Imports							
Exports							
Table poultry	3.0	-	24.1	19.9	31.4	23.2	20.2
Imports	13.8	28.7	24.1	19.9	31.4	23.2	20.2
Exports							
Rabbit meat	-	-	-	-	-	-	.
Imports	6.1	6.1	6.6	7.3	7.4	6.3	.
Exports							
Primary offals	2.5	2.7	5.1	6.2	6.7	7.5	.
Imports							
Exports							
Slaughterhouse offals	8.6	8.3	7.2	8.6	8.8	.	.
Imports							
Exports							
Bacon	47.2	42.0	38.0	34.8	19.0	18.1	16.3
Imports							
Exports							
Meat preserves (incl. sausages)	53.8	54.7	58.6	64.5	72.9	64.3	62.7
Imports							
Exports							
Poultry products	2.6	1.8	1.8	2.0	1.0	1.3	.
Imports							
Exports							

Table 65 (continued)

	1970	1971	1972	1973	1974	1975	1976
Live cattle ('000 head)	36.7 ^(b)	0.1 ^(b)	1.1 ^b	6.2	0.5	0.3	0.3
Imports	269.9 ^(b)	365.6 ^(b)	301.9 ^b	326.6	321.6	290.4	106.6 ^(c)
Exports							
of which :							
Breeding animals	36.7	0.1	1.1	6.2	0.5	0.3	
Imports	.	0.0	0.5	3.1	4.1	0.9	
Exports							
Live sheep	.	.	1.7	3.1	112.0	161.9	
('000 t slaughter weight; 1974 onwards '000 head)		0.7					
Imports							
Exports							
Live pigs	8.4	16.8	3.8	0.8	.	.	
('000 t slaughter weight)							
Imports							
Exports							
Live horses	0.0	0.0	70.6	64.2	83.8	99.9	75.6 ^(d)
('000 head)	55.7	68.8					
Imports							
Exports							
of which :							
Breeding animals	0.0	0.0	0.2	0.1	0.0	0.1	
Imports	0.0	0.0					
Exports							

(a) Meat only

(b) Estimate

(c) Cattle for slaughter only

(d) Horses for slaughter only

Source: Polish external trade statistics; FAO; own calculations.

Table 66: External trade in meat and livestock - Romania

	1970	1971	1972	1973	1974	1975	1976
Meat and meat products ('000 t)	7.9	45.9	42.9	7.6	10.0 ^(a)	2.8	11.0
Imports	55.5	61.3	76.7	111.1	132.6	164.8	165.0
Exports							
of which :							
Meat, whether fresh or frozen	7.9	45.9	42.9	7.6	9.6	.	.
of which :	42.3	49.0	58.6	87.5	108.2 ^(a)	.	.
Beef and veal	0.5	3.8	.	-	.	.	.
Imports	22.6	27.6	30.1	46.0	48.3	38.1	.
Exports							
Pigmeat	.	29.0	25.0	-	.	.	.
Imports	17.3	18.4	24.4	35.2	51.0	82.3	.
Exports							
Table poultry	.	.	.	-	.	.	.
Imports	1.0	0.5	0.6	2.9	.	.	.
Exports							
Slaughterhouse offals	0.9	1.9	2.9	7.6	.	.	.
Imports	1.2	2.4	3.4	3.3	.	.	.
Exports							
Meat preserves	12.6	11.6	17.5	22.9	24.2	23.0	.
Imports							
Exports							
Live cattle ('000 head)	114.0	132.4	139.9	89.4	62.3	76.9	.
Imports							
Exports							
Live sheep ('000 head)	833.2	966.5	1 090.1	1 248.6	1 294.5	1 370.6	.
Imports							
Exports							
Live pigs ('000 head)	91.5	30.0	69.6	-	.	.	.
Imports							
Exports							
Live horses ('000 head)	7.4	9.8	16.1	19.2	.	.	.
Imports							
Exports							

(a) Estimate

Source: Romanian external trade statistics; Comecon statistics; own calculations.

Table 67: External trade in meat and livestock ('000 t) - Soviet Union

	1970	1971	1972	1973	1974	1975	1976
Meat and meat products	164.9	224.6	130.6	128.5	515.1	515.2	361.5
of which:	54.8	34.8	60.2	75.0	55.9	44.3	40.9
Imports	81.8	115.8	40.1	46.2	395.7	406.1	225.8
Exports	33.7	10.9	37.0	47.2	27.4	17.6	7.9
Meat whether fresh or frozen	61.6	86.5	44.9	42.7	76.4	48.3	58.0
Table poultry							
Imports	21.5	22.2	45.6	39.6	43.0	60.9	77.7
Exports	21.1	23.7	23.2	27.8	28.5	26.7	33.0
Meat preserves (meat equivalent)							
Imports	13.5	11.5	10.0	11.7	17.2	.	.
Exports							
Offals							
Imports	20.1	14.4	10.2	12.5	85.8	207.7	70.2
Exports	.	.	.	.	.	.	.
Live cattle	40.5	38.9	44.6	44.5	45.9	36.8	31.7
Live sheep and goats	.	.	.	.	.	.	.
Live horses	14.8	15.7	15.2	15.1	15.1	15.4	15.6
Exports	14.2	14.4	13.4	11.2	11.2	14.3	.

Source: Soviet external trade statistics; EEC statistics.

Table 68: External trade in meat and livestock - Czechoslovakia

	1970	1971	1972	1973	1974	1975	1976
Meat and meat products ('000 t)	138,4	76,3	45,7	95,1	47,0	27,7	22,0
Imports	19,1	30,3	24,8	24,5	12,2	25,2	10,3
Exports							
of which :							
Meat whether fresh or frozen	112,9	52,2	28,5	81,5	29,1	12,4	.
Imports	12,2	16,3	11,9	15,4	4,1	14,8	.
Exports							
Table poultry	12,1	6,6	5,4	4,3	5,4	4,5	0,2
Imports	2,7	4,8	5,1	5,4	5,9	8,5	.
Exports							
Meat preserves	13,4	17,5	11,9	9,3	12,6	10,7	11,4
Imports	4,2	9,1	7,8	3,6	21,6	1,9	5,6
Exports							
Animals for slaughter ('000 t slaughter weight)	8,0	14,8	35,5	.	30,9	.	.
Imports	.	.	.	.	.	.	.
Exports							

Source: Czechoslovak external trade statistics; Comecon statistics; FAO; own calculations.

Table 69: External trade in meat and livestock - Hungary

	1970	1971	1972	1973	1974	1975	1976
Meat, whether fresh or frozen ('000 t)	57.0	10.5	8.0	21.0	16.5	9.9	23.0
of which :	43.4	61.7	58.3	37.7	82.5	107.6	66.0
Beef and veal	13.3	7.0	6.8	10.4	2.9	8.8	16.0
Imports	27.3	20.9	16.7	22.7	19.3	56.9	36.0
Exports							
Sheepmeat							
Imports	2.1	0.9	0.7	3.6	2.1	2.1	2.0
Exports							
Pigmeat	41.3	3.4	1.2	10.7	13.6	1.0	
Imports	9.2	35.2	36.7	6.2	53.3	38.5	16.0
Exports							
Rabbit meat							
Imports							
Exports				2.2	4.2	6.6	7.0
Table poultry	56.6	75.5	66.9	69.1	89.2	103.9	103.0
Imports	0.7	2.2	1.1	0.0	-		
Exports	1.8	2.2	1.4	0.4	0.2		
Slaughterhouse offal							
Imports	4.8	4.6	4.2	5.2	7.7		
Exports							
Bacon							
Imports	3.3	3.1	2.9	0.5	0.9		
Exports							
Meat preserves	3.1	2.8	4.1	5.7	2.5	1.6	2.1
Imports	15.4	19.6	28.8	23.7	24.9	22.2	27.5
Exports							
Sausage							
Imports	5.6	8.2	7.9	7.2	8.1		
Exports							

Table 69 (continued)

	1970	1971	1972	1973	1974	1975	1976
Animals for slaughter (^{'000} t live weight)							
Cattle	Exports 113,0	111,0	112,0	120,0	90,0	105,1	89,0
Sheep	Exports 23,9	27,6	20,9	21,0	20,5	21,7	19,1
Pigs	Exports 2,7	49,6	49,4	9,9	22,3	19,7	3,2
Horses	Exports 5,3	4,5	6,4	7,1	7,2	9,5 ^a	8,5 ^a
Poultry	Exports .	.	.	8,7	5,4	5,3	.
Game animals (^{'000} head)	Exports .	217,0	215,0	253,0	172,0	235,0	219,0

(a) Estimate

Source: Hungarian external trade statistics.

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