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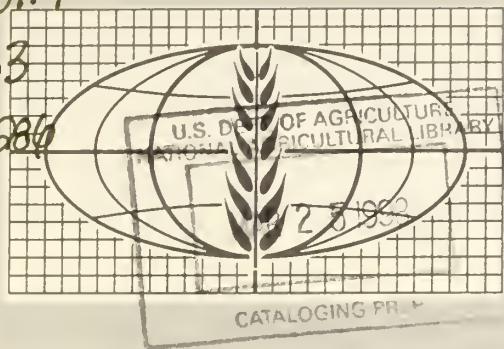
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Agriculture in the United States and the Soviet Union: A STATISTICAL COMPARISON

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This statistical study compares the structure, resource allocation, and performance of agriculture in the United States and the Soviet Union. These indicators provide, at best, only general guidelines for judging agricultural performance. Data on geographic and climatic conditions, soil, farm management techniques, and institutional and political factors are not presented, but are reflected in the comparative tables.

The main Soviet farm area extends farther north than the U.S. grain belt; the Ukraine is at a latitude approximately the same as the spring wheat belt in the northern United States and Canada. This latitudinal position, coupled with low precipitation, results in a capricious climate that is sometimes severe and dry. These geographic factors have sharply limited the expansion of Soviet farm output since the growing and pasturing seasons are short and crop yields are low and unstable.

Land ownership is basically different in the United States and the Soviet Union. All land in the USSR is Government-owned and nearly all is socialized. The functions of agricultural production are guided by a central state plan operating through a complex of large collective farms, state farms, and auxiliary farm units attached to state enterprises. The collective farms occupy over half the total sown acreage; most of the remaining acreage is in state farms. The private sector, about 3 percent of total agricultural land, consists mainly of small plots tilled by collective and state farm members in their spare time. About one-third of total agricultural production comes from these plots, and the produce is either consumed by the farmers' families or sold to the state or through farmers' markets. American farms are small by comparison with Soviet complexes; most U.S. farms are operated by the farmowner and his family, sometimes with one or two hired workers.

The functions of management are difficult to compare because of differences in the size of Soviet and American farms. Soviet collective farm chairmen and state farm directors probably bear the closest resemblance to managers of American corporate-type farms. However, Soviet farm managers are not fully responsible for making economic decisions directly affecting the output and profits of the enterprises. Often they must respond to directives

rather than make independent decisions. Recent Soviet interest in cost accounting and in profitable farm operations suggests a trend toward more managerial autonomy in the actual production process. Pricing of farm products, however, remains in the Soviet Government's domain rather than as a function of consumer demand. The U.S. Government helps shape the broad activities of production, marketing, pricing, and trade through extension services, support of farm prices and income, and foreign trade expansion. With minor exceptions, U.S. farmers make onfarm decisions.

The present Soviet regime is increasing the level of inputs and improving incentives of the rural labor force. These measures include financial concessions to farmers, increased supplies of fertilizers and pesticides, and expanded irrigation and drainage projects.

Although the Soviets have recently narrowed the gap between the USSR and the United States in many areas of agricultural efficiency, production, and performance, numerous deficiencies are still evident in the following tables. The United States, in comparison, uses less labor and land but more capital to achieve greater output. Farm efficiency, measured in terms of output per unit of input, is substantially higher in the United States than in the USSR for land, livestock, and labor. Yields of most crops are lower in the USSR than in the United States.

Foreign trade in farm commodities is far more important for the United States, the world's largest exporter and second largest importer of agricultural products, than for the Soviet Union. Both countries have adequate food supplies, in terms of calories per person, but structure of the respective diets differs greatly. The Soviet diet contains a high proportion of cereal products and potatoes, whereas the U.S. diet is high in vegetables, fruits, and foods of animal origin.

A comparison of Soviet and U.S. agriculture for a single year may be misleading because of the vagaries of weather. In 1966, almost ideal weather conditions in both the winter and spring grain regions of the USSR resulted in output far above its previous record of 1964. The United States, however, experienced several periods of adverse weather in 1966 that, along with reduced planted acreage, resulted in a slight decline from its 1965 record output of grains.

In 1967, adverse weather in all major grain growing regions of the USSR held both winter and spring grain output down. The United States, which harvested its largest acreage since 1960, produced a record crop. Timely rains and ideal temperatures in many regions produced average crop yields that were the second highest of this decade.

For a review of the current situation in Soviet agriculture, consult:

The Agricultural Situation in Communist Areas: Review of 1968 and Outlook for 1969. Econ. Res. Serv., U.S. Dept. Agr., ERS-Foreign 259, Apr. 7, 1969.

Agricultural Policies in Europe and the Soviet Union. Econ. Res. Serv., U.S. Dept. Agr., For. Agr. Econ. Rpt. No. 46, June 1968.

Table 1.--Agricultural resources, United States and Soviet Union, specified years

Item	Year	Unit	United States	Soviet Union	USSR as percentage of U.S.
					Percent
Population, July 1.....	1967	Millions	<u>1</u> /197.1	<u>2</u> /235.5	119
Civilian labor force (work experience).....	do.	do.	<u>3</u> /88.2	<u>4</u> /120.1	136
Annual average employment.....	do.	do.	<u>5</u> /74.3	<u>4</u> /112.2	151
Annual average employment in agriculture.....	do.	do.	<u>6</u> /4.9	<u>4</u> /39.5	806
Farm share of total employment (annual average).....	do.	Percent	6.6	35.2	533
Sown cropland.....	do.	Million acres	<u>7</u> /301	<u>8</u> /511	170
Sown cropland per capita.....	do.	Acres	1.5	2.2	147
Tractors on farms, January 1.....	1968	Thousands	<u>9</u> /4,820	<u>10</u> /1,739	36
Motor trucks on farms					
January 1.....	do.	do.	<u>9</u> /3,125	<u>10</u> /1,054	34
Grain combines on farms.....	do.	do.	<u>9</u> /870	<u>10</u> /553	64
Agricultural consumption of electricity.....	1967	Billion kwh.	<u>11</u> /29.0	<u>12</u> /25.8	89
Use of commercial fertilizer in terms of principal plant nutrients:					
Total.....	do.	1,000 short tons	<u>13</u> /14,552	<u>14</u> /8,538	59
Per acre of sown area.....	do.	Pounds	97	33	34

1/ U.S. Dept. Commerce, Statistical Abstract of the United States 1968, 89th ed., Wash., D.C., 1968, p. 12. 2/ Computed from average of January 1 figures for 1967 and 1968. 3/ U.S. Dept. Labor, Special Labor Force Report - "Work Experience in 1967," Wash., D.C., Dec. 1968. 4/ U.S. Dept. Commerce, Estimates and Projections of the Labor Force and Civilian Employment in the USSR, 1950-1975, Wash., D.C., June 1967, p. 15. 5/ Statistical Abstract ... op. cit., p. 221. 6/ U.S. Dept. Agr., Agricultural Statistics of the United States, 1968, Wash., D.C., 1968, p. 446. 7/ Agricultural Statistics ... op. cit., p. 451. 8/ USSR Central Stat. Directorate, Narodnoye khozyaystvo SSSR, 1967, g., Moscow, 1968, p. 348. 9/ Agricultural Statistics ... op. cit., pp. 441, 442. 10/ Narodnoye khozyaystvo SSSR ... op. cit., p. 456. 11/ USDA, Stat. Rept. Serv., Agricultural Prices, Wash., D.C., Nov. 29, 1968, p. 25. 12/ Narodnoye khozyaystvo SSSR ... op. cit., p. 462. 13/ USDA, Stat. Rept. Serv., Consumption of Commercial Fertilizers in the United States, Wash., D.C., June 1968, p. 8. 14/ Narodnoye khozyaystvo SSSR ... op. cit., p. 416.

Table 2.--Farm numbers and size, and selected data per farm,
United States and Soviet Union, 1967

Item	Unit	U.S. farms	Soviet Union	
			Collective farms	State farms
Total.....	Number	<u>1</u> /3,146,000	<u>2</u> /36,200	<u>2</u> /12,783
Land area per farm.....	Acres	<u>1</u> /360	<u>3</u> /30,077	<u>3</u> /118,765
Sown area per farm.....	do.	<u>4</u> /95	<u>5</u> /7,031	<u>6</u> /17,050
Workers per farm.....	Number	<u>7</u> /1.6	<u>8</u> /418	<u>9</u> /618
Land area per worker <u>10</u> /.....	Acres	225	72	192
Sown area per worker <u>11</u> /.....	do.	59	17	28

1/ U.S. Dept. Commerce, Statistical Abstract of the United States, 1968, 89th ed., Wash., D.C., 1968, p. 594.

2/ USSR Central Stat. Directorate, Narodnoye khozyaystvo SSSR, 1967, g., Moscow, 1968, p. 325.

3/ Ibid., p. 342.

4/ Total sown area divided by number of farms.

5/ Narodnoye khozyaystvo SSSR ... op. cit., p. 466.

6/ Ibid., p. 483.

7/ Average annual employment in agriculture divided by number of farms.

8/ Narodnoye khozyaystvo SSSR ... op. cit., p. 467. Households per collective farm.

9/ SSSR v tsifrakh, 1967, Moscow, 1968, p. 92. Workers per state farm.

10/ Land area per farm divided by workers per farm.

11/ Sown area per farm divided by workers per farm.

Table 3.--Crop acreage, United States and Soviet Union, 1967

Crop	United States <u>1/</u>	Soviet Union <u>2/</u>	USSR as percentage of U.S.
	- - - <u>1,000 acres</u> - - -		<u>Percent</u>
Corn, grain.....	60,557	8,611	14
Wheat.....	59,771	165,621	277
Rye.....	1,071	30,640	2,861
Oats.....	16,017	21,498	134
Barley.....	9,177	47,196	514
Sorghum grain in U.S., pulses in USSR.....	14,999	13,492	90
Rice.....	1,970	741	38
Cotton.....	7,997	6,034	75
Soybeans for beans.....	39,767	<u>3/2,113</u>	5
Sunflowers.....	<u>4/216</u>	11,779	5,453
Peanuts harvested for nuts.....	<u>1,402</u>	<u>5/</u>	---
Flax <u>6/</u>	1,991	3,398	171
Sugarbeets.....	1,122	9,382	836
Sugarcane, for sugar and seed.....	628	<u>5/</u>	---
Tobacco.....	960	<u>7/434</u>	45
Potatoes.....	1,458	20,586	1,412
Sweetpotatoes.....	147	<u>5/</u>	---
Vegetables.....	<u>8/3,564</u>	<u>9/3,531</u>	99
Fruits (including citrus), grapes, berries, and nuts.....	<u>10/3,095</u>	<u>11/6,042</u>	195
Citrus.....	<u>12/986</u>	n.a.	---
Hay, all.....	<u>13/64,667</u>	<u>14/86,979</u>	135

1/ U.S. Dept. Agr., Stat. Rept. Serv., Crop Production, 1968 Annual Summary, Wash., D.C., Dec. 19, 1968, pp. 3, 4, unless otherwise noted. Area harvested. 2/ USSR Central Stat. Directorate, Narodnoye khozyaystvo SSSR, 1967, g., Moscow, 1968, pp. 348-367, unless otherwise noted. Area harvested. 3/ USDA, For. Agr. Serv., World Agricultural Production and Trade, Wash., D.C., Mar. 1969, p. 2. 4/ USDA estimate--Data are for Minn. and N. Dak. where most commercial production is located. 5/ Negligible. 6/ Flaxseed in the United States. Flax fiber in the USSR. 7/ USDA, For. Agr. Circ., FT 5-68, Wash., D.C., Dec. 1968, p. 2. 8/ USDA, Agricultural Statistics of the United States, 1968, Wash., D.C., 1968, p. 155. Commercial acreage only of 27 crops in the United States. 9/ Total acreage of all vegetables, except melons, in the Soviet Union. 10/ Agricultural Statistics ... op. cit., pp. 208, 232, 251. Total includes bearing area or commercial area harvested of 26 major fruits, grapes, berries, and nuts. 11/ Narodnoye khozyaystvo SSSR ... op. cit., p. 407. Bearing area. 12/ Agricultural Statistics ... op. cit., p. 208. Bearing area. 13/ Crop Production ... op. cit., p. 3. 14/ Narodnoye khozyaystvo SSSR ... op. cit., p. 348.

Table 4.--Yield per acre and production of major crops, United States and Soviet Union, 1967

Crop	Unit	Yield per acre		USSR as percentage of U.S.	Unit	Production		USSR as percentage of U.S.
		U.S. 1/	USSR 2/			U.S. 1/	USSR	
				Percent				Percent
Corn, grain.....	Bushels	78.6	36.6	47	1,000 bushels	4,760,076	3/314,946	7
Wheat.....	do.	25.9	14.2	55	do.	1,522,382	3/2,351,597	154
Rye.....	do.	22.6	15.4	68	do.	24,154	3/472,418	1,956
Oats.....	do.	49.3	30.8	62	do.	789,196	3/661,386	84
Barley.....	do.	40.6	20.1	50	do.	372,898	3/950,743	255
Sorghum grain in U.S., pulses in USSR.....	do.	50.4	16.0	32	do.	755,936	3/216,420	29
Rice, rough.....	Pounds	4,537	2,391	53	1,000 short tons:	4,469	3/886	20
Cotton, lint.....	do.	447	4/742	166	1,000 bales	7,458	5/9,325	125
Soybeans for beans.....	Bushels	24.5	9.6	39	1,000 bushels	976,060	3/20,209	2
Sunflowerseed.....	Pounds	6/1,037	1,138	110	1,000 short tons:	6/112	3/6,701	5,983
Peanuts harvested for nuts.....	do.	1,765	n.a.	---	do.	1,236	7/	---
Flaxseed.....	Bushels	10.1	8/5.1	50	1,000 bushels	20,036	8/20,905	104
Sugarbeets.....	Short tons	17.1	10.2	60	1,000 short tons:	19,197	5/96,022	500
Sugarcane for sugar and seed.....	do.	42.5	n.a.	---	do.	26,651	7/	---
Tobacco.....	do.	---	---	---	1,000 pounds	1,967,911	2/573,195	29
Fiber flax.....	Pounds	2,050	1,319	64	1,000 short tons:	n.a.	5/535	---
Potatoes.....	do.	n.a.	31.5	---	1,000 cwt.	305,412	3/1,894,165	620
Sweetpotatoes.....	cwt.	209	92	44	do.	13,658	7/	---
Vegetables 10/.....	do.	93	n.a.	---	1,000 short tons:	11/20,989	5/22,635	108
Citrus.....	Short tons	12/5.9	6.4	108	1,000 boxes	13/188,400	n.a.	---
Grapes.....	do.	14/12.4	n.a.	---	1,000 short tons:	15/3,069	16/3,793	124
Total fruits (including citrus), grapes, berries, and nuts.....	do.	n.a.	n.a.	---	do.	17/20,795	16/9,883	47
Sugar production.....	---	---	---	---	do.	18/6,164	19/10,956	178
Hay.....	do.	20/1.95	21/4.8	30	do.	20/126,300	21/50,706	40

1/ U.S. Dept. Agr., Stat. Rept. Serv., Crop Production, 1968 Annual Summary, Wash., D.C., Dec. 19, 1968, pp. 3-5, unless otherwise noted.
 Area harvested. 2/ Derived from production and area unless otherwise noted. 3/ USDA estimate. 4/ Entire area is irrigated. 5/ USSR
 Central Stat. Directorate, Narodnoye khozyaystvo SSSR, 1967, G., Moscow, 1968, p. 330. 6/ USDA estimate--Data are for Minn. and N. Dak.
 where most commercial production is located. 7/ Negligible. 8/ USDA, For. Agr. Serv., World Agricultural Production and Trade, Wash., D.C.,
 Feb. 1969, p. 3. 9/ USDA, For. Agr. Circ. ... op. cit., p. 2. 10/ Commercial production of 27 crops in the United States; total output of
 all vegetables, except melons, in the Soviet Union. 11/ USDA, Agricultural Statistics of the United States, 1968, Wash., D.C., 1968, p. 155.
 12/ Derived from production and area. 13/ Ibid., p. 89. Includes oranges, grapefruit, lemons, limes, tangerines, tangelos. 14/ Crop Pro-
 duction ... op. cit., p. 37. Data for four major citrus fruits. 15/ Ibid., p. 4. 16/ Narodnoye khozyaystvo SSSR ... op. cit., p. 410.
 17/ Crop Production ... op. cit., pp. 40-42. Includes 24 major fruits, grapes, berries, and nuts. 18/ Continental beets and cane, including
 Hawaii, Puerto Rico, and the Virgin Islands. 19/ Narodnoye khozyaystvo SSSR ... op. cit., p. 386. Production from domestic beets and im-
 ported Cuban raw sugar. 20/ Ibid., pp. 4-5. All hay. 21/ Narodnoye khozyaystvo SSSR ... op. cit., pp. 330-331. Sown area only.

n.a. = not available.

Table 5.--Livestock numbers, United States and Soviet Union, selected years

Livestock	Beginning of year	United States <u>1/</u>	Soviet Union <u>2/</u>	USSR as percentage of U.S.
		- - - Million head - - -		Percent
All cattle.....	1968	108.6	97.2	89
Cows.....	1968	<u>3/</u> 50.0	<u>4/</u> 41.6	83
Hogs.....	1968	54.3	50.9	94
Sheep.....	1968	22.1	138.4	626
Poultry.....	1967	<u>5/</u> 336.7	516.2	153

1/ U.S. Dept. Agr., Agricultural Statistics of the United States, 1968, Wash., D.C., 1968, pp. 306-418.

2/ USSR Central Stat. Directorate, Narodnoye khozyaystvo SSSR, 1967, g., Moscow, 1968, pp. 425, 433.

3/ Cows, two years and older, included in cattle.

4/ All cows included in cattle.

5/ Chickens and turkeys only, excluding commercial broilers.

Table 6.--Production of livestock commodities, United States and Soviet Union, 1967

Commodity	Unit	United States	Soviet Union	USSR as percentage of U.S.
				Percent
Beef and veal.....	Mil. lb.	<u>1</u> /21,010	<u>2</u> /9,557	45
Pork.....	do.	<u>1</u> /12,550	<u>2</u> /7,440	59
Mutton, lamb, and goat.....	do.	<u>1</u> /650	<u>2</u> /1,764	271
Poultry meat.....	do.	<u>3</u> /8,108	<u>2</u> /1,764	22
Lard <u>4</u> /.....	do.	2,076	<u>2</u> /1,820	88
Margarine and shortening.....	do.	<u>5</u> /5,340	<u>6</u> /1,376	26
Tallow and grease <u>4</u> /.....	do.	5,332	<u>2</u> /490	9
Milk (cows).....	do.	<u>7</u> /119,294	<u>2</u> /156,035	131
Butter.....	do.	8/974	<u>6</u> /2,337	240
Eggs.....	Billion	<u>9</u> /70.2	<u>10</u> /33.9	48
Wool <u>11</u> /.....	Mil. lb.	<u>12</u> /228	<u>10</u> /871	382

1/ U.S. Dept. Agr., Agricultural Statistics of the United States, 1968, Wash., D.C., 1968, p. 354.

2/ USDA estimate.

3/ Agricultural Statistics ... op. cit., p. 142. Total production certified under Federal inspection.

4/ USDA, For. Agr. Serv., Foreign Agricultural Circular, FFO 13-68, Wash., D.C., Oct. 1968, pp. 28, 29, preliminary.

5/ Agricultural Statistics ... op. cit., pp. 141, 142.

6/ USSR Central Stat. Directorate, Narodnoye khozyaystvo SSSR, 1967, g., Moscow, 1968, p. 308.

7/ Agricultural Statistics ... op. cit., p. 376.

8/ USDA, Econ. Res. Serv., Dairy Situation, DS-325, Wash., D.C., May 1969, p. 20.

9/ Agricultural Statistics ... op. cit., p. 424.

10/ Narodnoye khozyaystvo SSSR ... op. cit., p. 434.

11/ Greasy basis.

12/ Agricultural Statistics ... op. cit., p. 346.

Table 7.--Area of major grains, United States and Soviet Union, average 1961-65, annual 1967

Item	Average 1961-65			1967		
	United States <u>1/</u>	Soviet Union <u>2/</u>	USSR as per-centage of U.S.	United States <u>3/</u>	Soviet Union <u>4/</u>	USSR as per-centage of U.S.
	- - <u>1,000 acres</u> - -		<u>Percent</u>	- - <u>1,000 acres</u> - -		<u>Percent</u>
Feed grains:						
Corn, grain.....	56,658	14,544	26	60,557	8,611	14
Oats.....	21,162	17,989	85	16,017	21,498	134
Barley.....	11,135	45,269	407	9,177	47,196	514
Sorghum grain and pulses <u>5/</u>	12,131	19,657	162	14,999	13,492	90
4 feed grains.....	101,086	97,459	96	100,750	90,797	90
Food grains:						
Wheat.....	48,017	164,569	343	58,771	165,621	282
Rye.....	1,655	40,277	2,434	1,071	30,640	2,861
Buckwheat.....	<u>6/46</u>	4,537	9,863	n.a.	4,258	---
Rice.....	1,742	393	22	1,970	682	35
4 food grains.....	51,460	209,776	408	<u>7/61,812</u>	201,246	326
Total, 8 grains....	152,546	307,235	201	<u>7/162,562</u>	292,043	180

1/ U.S. Dept. Agr., Stat. Rept. Serv., Crop Production, 1967 Annual Summary, Wash., D.C., Dec. 19, 1967, p. 36.

2/ USSR Central Stat. Directorate, Narodnoye khozyaystvo SSSR, 1965, g., Moscow, 1966, p. 284 and Narodnoye khozyaystvo SSSR, 1962, g., Moscow, 1963, p. 247.

3/ Crop Production, 1968 Annual Summary, Wash., D.C., Dec. 19, 1968, p. 3.

4/ Narodnoye khozyaystvo SSSR, 1967, g., Moscow, 1968, pp. 348-360.

5/ Sorghum grain for U.S., pulses for USSR.

6/ 1961-64 only.

7/ Excludes buckwheat in the U.S.

n.a. = not available.

Table 8.--Yields per acre of major grains, United States and Soviet Union, average 1961-65, annual 1967

Item	Average 1961-65			1967		
	United States ^{1/}	Soviet Union ^{2/}	USSR as percentage of U.S.	United States ^{3/}	Soviet Union ^{2/}	USSR as percentage of U.S.
	<u>Bushels</u>	<u>Bushels</u>	<u>Percent</u>	<u>Bushels</u>	<u>Bushels</u>	<u>Percent</u>
Feed grains:						
Corn, grain.....	66.3	25.2	38	78.6	36.6	47
Oats.....	45.2	20.3	45	49.3	30.8	62
Barley.....	36.2	17.9	49	40.6	20.1	50
Sorghum grain and pulses ^{3/}	45.0	12.6	28	50.4	16.0	32
Food grains:						
Wheat.....	25.3	11.2	44	25.9	14.2	55
Rye.....	19.7	13.3	68	22.6	15.4	68
Buckwheat.....	^{4/} 19.5	7.1	36	n.a.	11.3	--
Rice.....	86.5	43.3	50	100.8	57.2	57
	<u>Pounds</u>	<u>Pounds</u>		<u>Pounds</u>	<u>Pounds</u>	
Average yield:						
4 feed grains.....	2,881	882	31	3,492	1,079	31
4 food grains.....	1,582	681	43	1,650	855	52
Total, 8 grains.....	2,438	744	31	2,792	925	33

^{1/} U.S. Dept. Agr., Stat. Rept. Serv., Crop Production, 1967 Annual Summary, Wash., D.C., Dec. 19, 1967, p. 39, unless otherwise noted.

^{2/} Derived from tables 7 and 9.

^{3/} Sorghum grain for U.S., pulses for USSR.

^{4/} Crop Production, 1968, Wash., D.C., Dec. 19, 1968, pp. 5, 36, unless otherwise noted.

n.a. = not available.

Table 9.--Production of major grains, United States and Soviet Union, average 1961-65, annual 1967

Item	Average 1961-65			1967		
	United States <u>1/</u>	Soviet Union <u>2/</u>	USSR as per-centage of U.S.	United States <u>3/</u>	Soviet Union <u>2/</u>	USSR as per-centage of U.S.
	Million bushels	Million bushels	Percent	Million bushels	Million bushels	Percent
Feed grains:						
Corn, grain.....	3,758	367	10	4,760	315	7
Oats.....	953	365	38	789	661	84
Barley.....	398	810	204	373	951	255
Sorghum grain and pulses <u>4/</u>	548	248	45	756	216	29
Food grains:						
Wheat.....	1,214	1,844	152	1,522	2,352	154
Rye.....	33	535	1,621	24	472	1,956
Buckwheat.....	<u>5/</u> 9	32	3,556	n.a.	48	---
Rice.....	151	17	11	189	39	20
	<u>Million short tons</u>			<u>Million short tons</u>		
<u>4</u> feed grains.....	145	43	30	176	49	28
<u>4</u> food grains.....	41	71	173	<u>6/</u> 51	86	169
Total, 8 grains.....	186	114	61	<u>6/</u> 227	135	59

1/ U.S. Dept. Agr., Stat. Rept. Serv., Crop Production, 1967 Annual Summary, Wash., D.C., Dec. 19, 1967, p. 41.

2/ USDA estimate.

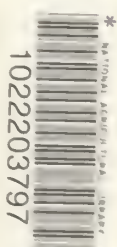
3/ Crop Production, 1968 Annual Summary, Wash., D.C., Dec. 19, 1968, p. 38.

4/ Sorghum grain for U.S., pulses for USSR.

5/ 1961-64 only.

6/ Excludes buckwheat in the U.S.

n.a. = not available.





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Table 10.--Production of five major grains and total grain,
Soviet Union, 1958-68

Year	Total grain <u>1/</u>		5 major grains <u>2/</u>	
	USDA estimate <u>3/</u>	USSR official estimate <u>4/</u>	USDA estimate <u>3/</u>	USSR official estimate <u>4/</u>
	----- Million metric tons -----			
1958.....	114.2	134.7	109.2	129.0
1959.....	94.2	119.5	90.6	115.3
1960.....	95.5	125.5	89.4	118.5
1961.....	109.4	130.8	102.2	122.5
1962.....	109.6	140.2	99.2	128.5
1963.....	90.0	107.5	80.3	96.5
1964.....	121.6	152.1	107.4	135.9
1965.....	100.4	121.1	91.0	110.4
1966.....	145.9	171.2	135.3	159.1
1967.....	124.9	147.9	114.3	135.9
1968.....	<u>5/</u> 141.5	<u>6/</u> 169.2	<u>5/</u> 130.6	<u>6/</u> 155.5

1/ Wheat, rye, barley, oats, corn for grain, millet, buckwheat, rice, pulses.

2/ Wheat, rye, barley, oats, corn for grain.

3/ Usable grain.

4/ Bunker weight; that is, as originally harvested, not dried or cleaned.

USSR Central Stat. Directorate, Narodnoye khozyaystvo SSSR, 1967, g., Moscow, 1968, p. 370, unless otherwise noted.

5/ USDA estimate.

6/ Pravda, Jan. 26, 1969.