

RESEARCH AID

ECONOMIC INTELLIGENCE  
STATISTICAL HANDBOOK  
1960



CIA/RR A.ERA 60-4  
June 1960

CENTRAL INTELLIGENCE AGENCY  
OFFICE OF RESEARCH AND REPORTS

**W A R N I N G**

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## FOREWORD

1. *Objectives and Scope*

The *Economic Intelligence Statistical Handbook, 1960* is a tabular and graphical presentation of economic factors helpful in comparing and analyzing the economies of the countries of the Sino-Soviet Bloc\* with the economies of the countries of the North Atlantic Treaty Organization (NATO).\*\*

The *Handbook* for 1960 consists of data on inventories, production, and national income for the years 1950 and 1955-59 for those commodities considered to be important as measures of economic development. Wherever possible, plan data for 1965 or estimates for 1965 are included. Certain of the more important commodities also are presented graphically both on semilogarithmic graphs and on bar charts. Summary tables covering major items compare selected economic indicators for the US and the USSR and for Communist China and India. With the exception of a few minor changes in format and the inclusion of new data, the *Handbook* for 1960 is similar to previously published editions of the *Handbook*.

Unless otherwise indicated, data for the US, for the total for NATO, for individual countries of the Sino-Soviet Bloc, and for the Bloc as a whole are presented for all years covered. Data for the individual countries of NATO and for other countries of the Free World are presented only for the latest two years available. If a table does not include all the countries of NATO

\*Including the USSR, Communist China, North Korea, North Vietnam, Albania, Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Rumania.

\*\*Including the US, Belgium, Canada, Denmark, France, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the UK, and West Germany. The Saar has been added as a separate entity because its industrial production often is listed separately in the sources used.

and of the Bloc, the title of the table will indicate the countries covered.

2. *Sources and Reliability*

In the *Handbook* for 1960, estimates for the Sino-Soviet Bloc are as of 15 April 1960 and generally are estimates maintained by this Office. When estimates other than those of this Office are used, specific source references are given. Data for countries of NATO generally are from unclassified publications of the UN and of the Organization for European Economic Cooperation (OEEC) and from official publications of the individual countries. Data for the most recent year presented are frequently preliminary and subject to revision. Reasonable care has been exercised in selecting sources, and every effort has been made to make the data for the Bloc and NATO consistent as to subject matter.

3. *Footnotes and Symbols*

The importance of the footnotes for the tables cannot be overstressed. These footnotes are used for exceptions to data in the tables and should be noted carefully. In the tables the abbreviations *N.A.* (not available) and *Negl.* (negligible) are used. The abbreviation *N.A.* is used when information as to the existence of the data or the magnitude of the data is not available. The abbreviation *Negl.* is used when data are known to exist but, when recorded in terms of the number of digits used, are less than can be shown. A figure followed by an asterisk indicates that the data are obtained directly from official unclassified publications or announcements.

4. *Rounding and Totals*

There is consistency with respect to rounding within each table but not among tables. Within each table, data for the individual countries have been rounded consistently to permit maximum use of

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available information. Because of the limitations in accuracy of the totals for NATO, for the Sino-Soviet Bloc, and for the European Satellites, totals have been rounded, with few exceptions, to three or fewer significant digits. Additions of the unrounded data may therefore not agree with the rounded totals. In the tables, totals are in bold-face type.

No adjustment is made to compensate for gaps in intelligence. Totals are omitted, however, if the missing data are believed to represent a significant portion of the total. Totals for NATO include only those

countries that are indicated by the footnotes. Totals for the Sino-Soviet Bloc and the European Satellites include only the countries listed in a given table. Excluded are the countries of the Bloc in which little or no production takes place or for which data are not available. Estimated world totals are included only when the estimates are available in the sources employed and when they do not conflict with the summation of the other data used.

*5. Political Boundaries*

Unless otherwise indicated, all data relate to present political boundaries.

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## B: MAPS

(Inside Back Cover)

- USSR: Fuels
- USSR: Minerals
- USSR: Metallurgy
- USSR: Agricultural and Human Resources
- USSR: Agriculture
- USSR: Land Utilization
- USSR: Chemical Industry

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UNCLASSIFIED DATA

Table 1  
Estimated Gross National Product<sup>a</sup> at Market Prices  
1950, 1955-59, and 1965 Plan

Country	Billion 1955 US \$						Average Annual Increase <sup>b</sup> (Percent) 1951-59
	1950	1955	1956	1957	1958	1959	
NATO	538*	674*	695*	714*	708*	747*	3.7*
US	322*	398*	405*	413*	404*	431*	3.3*
Canada	21.7*	27.1*	29.7*	29.5*	29.7*	31.4*	4.2*
European NATO <sup>c</sup>	194*	249*	260*	271*	274*	285*	4.4*
Of which:							
Belgium	9.2*	10.8*	11.2*	11.5*	11.4*	11.7*	2.7*
Denmark	4.7*	5.1*	5.2*	5.5*	5.6*	5.9*	2.6*
France	39.3*	48.6*	51.1*	54.3*	55.5*	56.4*	4.1*
Italy	23.6*	31.5*	32.8*	34.9*	36.4*	38.4*	5.6*
Netherlands	8.6*	11.4*	11.9*	12.1*	12.3*	13.0*	4.6*
Norway	3.6*	4.3*	4.5*	4.6*	4.6*	4.8*	3.2*
UK	58.0*	66.3*	67.6*	68.6*	68.6*	70.7*	2.2*
West Germany	37.4*	57.6*	61.6*	64.9*	66.7*	70.6*	7.3*
Sino-Soviet Bloc	185	261	282	299	332	355	7.5
USSR	109	151	165	174	190	201	7.0
Communist China	31.4	48.5	53.8	56.2	67.4	74.2	124.1 <sup>d</sup> 10.0
North Korea	0.77 <sup>e</sup>	0.82	0.96	1.13	1.3	1.5	2.8 <sup>d</sup> 7.7
North Vietnam	N.A.	N.A.	N.A.	N.A.	1.3	1.4	2.1 <sup>d</sup> N.A.
European Satellites <sup>f</sup>	43.5	60.7	61.9	67.5	71.7	76.8	6.5
Bulgaria	2.0	2.9	3.0	3.3	3.6	4.1	10.0 <sup>g</sup> 8.3
Czechoslovakia	8.5	11.4	12.1	13.0	14.0	15.0	22.3 <sup>g</sup> 6.5
East Germany	10.9	15.3	16.0	16.8	17.9	19.2	28.5 <sup>g</sup> 6.5
Hungary	5.0	6.9	6.1	7.4	7.8	8.4	11.7 <sup>g</sup> 5.9
Poland	11.9	16.2	17.3	18.4	19.3	20.2	29.8 <sup>g</sup> 6.1
Rumania	5.2	8.0	7.4	8.6	9.1	9.9	17 to 18 <sup>g</sup> 7.4

<sup>a</sup> A measure of the physical volume of goods and services produced by the economy, expressed in terms of market value at constant prices. Data as herein presented differ from the data for Figure 1 because of methodological differences. Data in Figure 1 are based on dollar values obtained from official rates of exchange. Data as presented herein are explained in the footnotes below.

<sup>b</sup> The base year is the year before the stated year.

<sup>c</sup> The dollar values of gross national product (GNP) for the European NATO countries in 1955 are estimates of Milton Gilbert and Associates, using the geometric mean of European and US weights. The aggregate GNP for the European NATO countries in 1955 was estimated by the US Department of State using the above source and rough calculations for countries not listed. Estimates for other years were obtained by multiplying the 1955 data in dollars by indexes of GNP at constant domestic prices for the respective countries.

<sup>d</sup> Estimated GNP for 1965.

<sup>e</sup> 1949.

<sup>f</sup> The values for the European Satellites have been calculated in such a manner as to make them reasonably comparable with the values shown for the European NATO countries. These estimates for the Satellites therefore should not be compared with dollar values for Western countries that are obtained by applying the official rates of exchange.

<sup>g</sup> Based on planned percentage increase in national income (Communist concept).

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Table 2  
 Estimated Gross Investment in Industry  
 in the USSR and the US  
 1960

Country	Amount
USSR <sup>a</sup>	23.2
US <sup>b</sup>	18.9

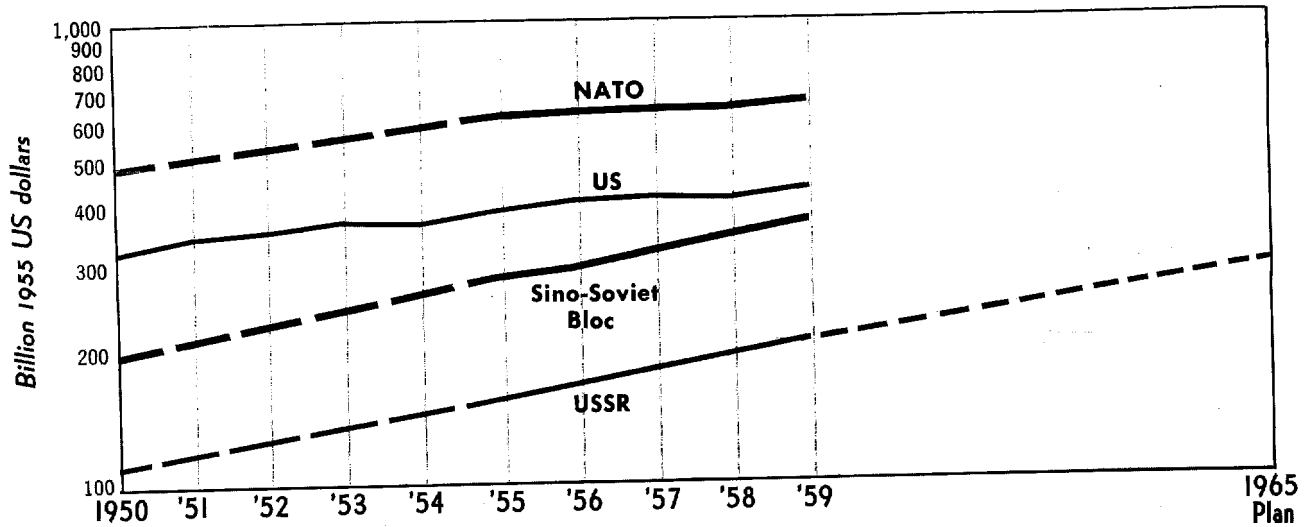
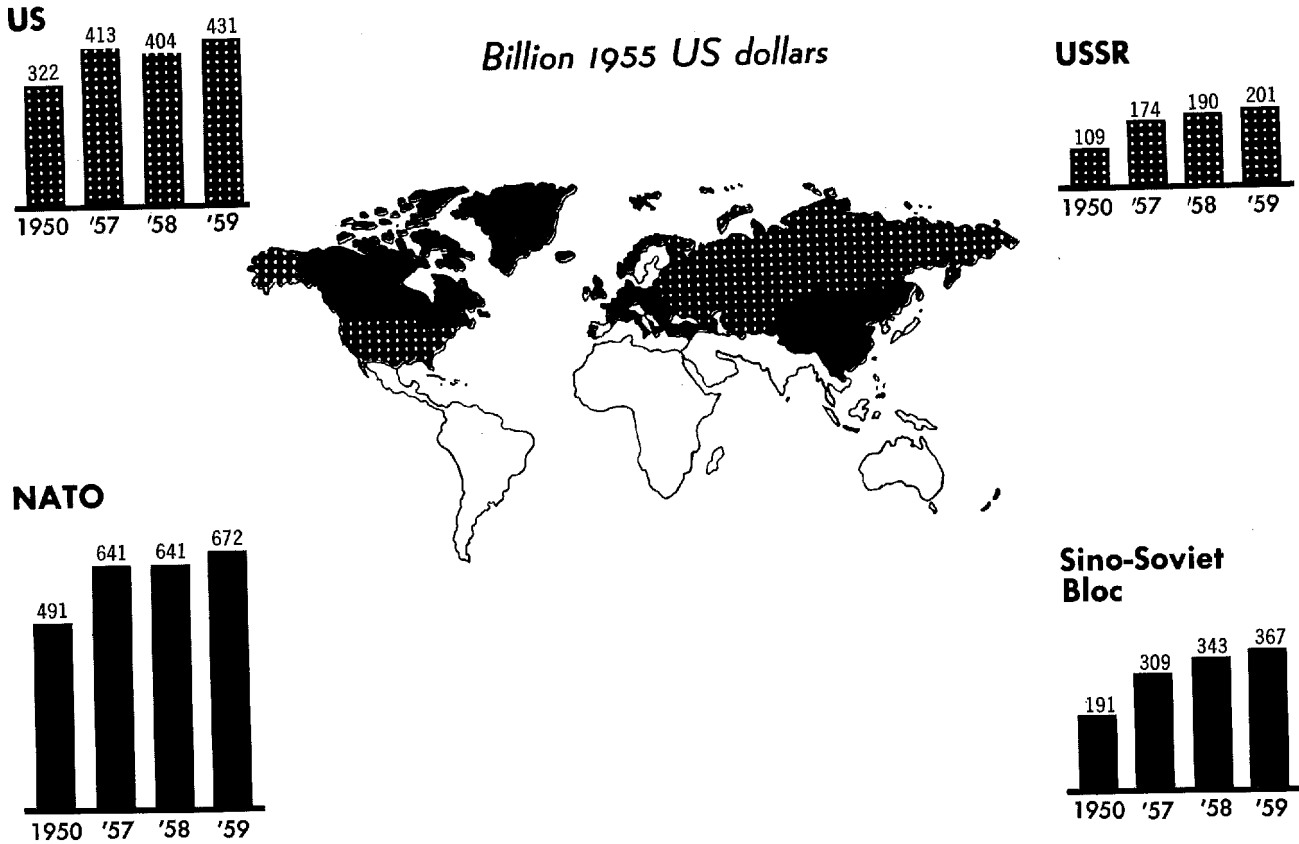
<sup>a</sup> Industry in the USSR covers manufacturing, mining, and electric power. Urban distribution of electric power is not included. Planned Soviet industrial investment in 1960 (excluding investment in the construction industry) is estimated to be 137 billion 1955 rubles, which is equal to US \$23.2 billion at the conversion rate of 5.9 rubles to US \$1.

<sup>b</sup> Anticipated US investments for 1960 in new plant and equipment for manufacturing, mining, and public utilities are estimated as follows (the Department of Commerce and the Securities and Exchange Commission estimate of March 1960):

	Billion Current US \$
Manufacturing	15.1
Mining	1.0
Public utilities	6.1
Total	22.2

The deflator of 117.7 used to derive the value in 1955 US \$ was based on the 1959 deflators for private, nonresidential construction and for producer durables, as given in the *Economic Report to the President*, January 1960, p. 160. Based on March 1960 estimates, estimated total expenditures on new plant and equipment by US business will amount to current US \$37.0 billion. These expenditures include, in addition to the above items, expenditures on railroads, other transportation, trade, services, finance, and construction. Recent criticisms reveal a strong possibility that the US investment statistics are somewhat understated.

## COMPARISON OF GROSS NATIONAL PRODUCT AT MARKET PRICES IN SELECTED AREAS, SELECTED YEARS, 1950-59, AND 1965 PLAN



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Table 3  
Indexes of Industrial Production<sup>a</sup> for the US,  
Selected Western Countries, and the Sino-Soviet Bloc  
1950 and 1955-59

Country	1950	1955	1956	1957	1958	1959	1950=100
							Average Annual Increase <sup>b</sup> (Percent) 1951-59
<b>Selected Western Countries</b>							
US <sup>c</sup> .....	100*	129*	134*	135*	125*	141*	3.9*
France .....	100*	131*	144*	156*	165*	175*	6.4*
Italy .....	100*	153*	164*	177*	181*	199*	7.9*
UK .....	100*	121*	121*	123*	121*	127*	2.7*
West Germany .....	100*	179*	193*	204*	211*	226*	9.5*
<b>Sino-Soviet Bloc</b>							
USSR <sup>d</sup> .....	100	166	183	197	211	N.A.	9.8 <sup>e</sup>
Communist China <sup>f</sup> .....	100	266	341	365	516	671	23.6
European Satellites <sup>g</sup> .....	100	156	165	180	197	217	9.0
Bulgaria .....	100	165	184	210	234	281	12.2
Czechoslovakia .....	100	135	147	157	171	186	7.1
East Germany .....	100	172	181	193	212	235	10.0
Hungary .....	100*	170*	154*	178*	201*	223*	9.3*
Poland .....	100	156	167	184	197	212	8.7
Rumania .....	100	155	166	184	209	230	9.7

<sup>a</sup> Indexes for the US, France, Italy, the UK, and West Germany are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The index for the UK includes construction, whereas the indexes for the other Western countries exclude construction. The indexes of the countries of the Sino-Soviet Bloc are calculations of this Office (or other calculations accepted by this Office) and are constructed as nearly as possible on the same basis as the indexes for Western countries. The indexes for the Bloc include manufacturing, mining, and public utilities.

<sup>b</sup> The base year is the year before the stated year.

<sup>c</sup> This index is the revised industrial production index of the Federal Reserve Board, which includes utilities.

<sup>d</sup> Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered—materials, machinery, and consumer goods—comprise 46.2 percent, 34.6 percent, and 19.2 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

<sup>e</sup> 1951-58.

<sup>f</sup> Estimates of this Office computed by applying value-added weights to figures for commodity production, except in the case of handicraft production, 1952-57, where the official gross value series in constant 1952 prices was used. The equivalent index of industrial production excluding handicraft production is as follows:

1950	1955	1956	1957	1958	1959
100	301	398	450	630	819

<sup>g</sup> Indexes for Czechoslovakia and East Germany through 1957 and for Poland through 1955 are from private studies; indexes for subsequent years are estimates of this Office. Data for Hungary are official estimates of net production that are accepted by this Office. Indexes for Rumania, Bulgaria, and the European Satellites as a group are estimates of this Office. Indexes for Bulgaria and Rumania are considered less reliable than the others. Handicraft production is covered explicitly only in the index for Poland. The weighted index for the European Satellites excludes Albania.

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Table 4  
Official Indexes of Industrial Production <sup>a</sup> for the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	1950=100						1965 Plan	Average Annual Increase <sup>b</sup> (Percent) 1951-59
	1950	1955	1956	1957	1958	1959		
Sino-Soviet Bloc								
USSR .....	100*	185*	205*	226*	248*	275*		11.9*
Communist China <sup>c</sup> .....	100*	287*	368*	410*	681* <sup>d</sup>	948* <sup>d</sup>		28.4*
North Korea .....	N.A.* <sup>e</sup>	144*	183*	264*	370*	566*		18.9* <sup>e</sup>
North Vietnam .....	N.A.* <sup>f</sup>	100*	210*	433*	505*	645*		59.4* <sup>f</sup>
European Satellites								
Albania .....	100*	277*	300*	378*	453*	542*		20.7*
Bulgaria .....	100*	190*	218*	253*	287*	358*	760 to 1,000*	15.2*
Czechoslovakia .....	100*	170*	186*	205*	228*	253*	418*	10.9*
East Germany .....	100*	190*	202*	217*	241*	271*	453*	11.7*
Hungary .....	100*	197*	179*	206*	229*	254*	378 to 389*	10.9*
Poland .....	100*	212*	231*	254*	278*	303*	489*	13.1*
Rumania .....	100*	203*	225*	244*	267*	297*	624*	12.9*

<sup>a</sup> Official indexes for countries of the Sino-Soviet Bloc are measures of the "gross" value of production of industry. Gross value of production is, in general, the sum of the value of output in constant prices of all industrial enterprises. The definition of industry in Communist countries includes manufacturing, mining, and public utilities. The Communist definition of industry also includes other activities (varying from country to country) that are not included in Western definitions of industry.

<sup>b</sup> The base year is the year before the stated year.

<sup>c</sup> Unless otherwise indicated, calculated from official data (in 1952 prices) on the gross value of industrial production (including handicraft production).

<sup>d</sup> This official index based on 1957 prices rather than on 1952 prices is believed to have been calculated by using a broader definition of industrial production than that used in the 1950-57 index.

<sup>e</sup> The base year for this index is 1949. The index was computed from official data on the gross value of commodity production by state, cooperative, and handicraft industry, in constant 1949 prices.

<sup>f</sup> The base year for this index is 1955, the first postwar year. These official index numbers are not indicative of the true rate of industrial growth, because they reflect in large measure the increases in output resulting from postwar reconstruction rather than from new industrial development. This series has been calculated from official series on the annual gross value of production and includes all handicraft production.

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Table 5  
State Budget of the USSR  
1957-59 and 1960 Plan

Category	Billion Current Rubles <sup>a</sup>						
	1957		1958		1959		1960
	Plan	Actual	Plan	Actual	Plan	Actual	Plan
<b>Revenues</b>							
Turnover tax	277.3*	275.6*	301.5*	304.5*	333.0*	N.A.	317.1*
Profit deductions	116.0*	118.4*	130.3*	135.4*	154.9*	N.A.	203.0*
Taxes on the population	51.5*	52.0*	49.8*	51.9*	56.0*	N.A.	57.2*
State loans	39.2*	35.2*	17.6*	10.6*	(11.0) <sup>b</sup>	N.A.	(12.0)
Social insurance receipts	31.0*	33.3*	32.1*	33.1*	(33.5)	N.A.	(34.0)
Machine Tractor Station revenue	13.9*	11.3*	11.9*	9.7*	1.5*	N.A.	Negl.*
Taxes on enterprises and organizations	15.5*	14.1*	15.6*	16.6*	19.6*	N.A.	21.3*
Other	72.8*	87.0*	84.1*	110.5*	113.8*	N.A.	(127.5)
<b>Total</b>	<b>617.2*</b>	<b>626.9*</b>	<b>642.9*</b>	<b>672.3*</b>	<b>723.3*</b>	<b>735.8*</b>	<b>772.1*</b>
<b>Expenditures</b>							
Financing the national economy	244.7*	267.0*	257.2*	290.3*	308.9*	N.A.	327.8*
Industry	118.4*	130.8*	129.0*	N.A.	145.3*	N.A.	151.8*
Heavy	103.5*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Light	14.9*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Agriculture	52.9*	51.8*	53.4*	N.A.	30.3*	N.A.	32.3*
Transport and communications	18.0*	22.6*	14.4* <sup>c</sup>	N.A.	25.0*	N.A.	25.4*
Other	55.4*	61.8*	60.4*	N.A.	108.3*	N.A.	118.3*
Social-cultural measures	188.4*	200.5*	212.8*	214.2*	232.2*	N.A.	247.4*
Education	78.9*	80.7*	84.2*	86.0*	94.4*	N.A.	102.0*
Health	37.9*	38.3*	40.4*	41.2*	44.1*	N.A.	47.5*
Social welfare	71.6*	81.5*	88.2*	87.0*	93.7*	N.A.	97.9*
Administration	11.9*	11.9*	11.9*	12.0*	11.5*	N.A.	11.1*
Defense	96.7*	(97.0)	96.3*	93.6*	96.1*	N.A.	96.1*
Loan service	18.0*	(4.0)	(3.0)	3.7*	(3.5)	N.A.	(3.5)
Reserve funds of the Council of Ministers	14.0*		16.7*		21.2*		27.6*
Undisclosed expenditures	30.9*	(26.9)	(29.8)	(28.9)	(34.2)	N.A.	(31.3)
<b>Total</b>	<b>604.6*</b>	<b>607.3*</b>	<b>627.7*</b>	<b>642.7*</b>	<b>707.6*</b>	<b>698.8*</b>	<b>744.8*</b>
Budget surplus	12.6*	19.6*	15.2*	29.6*	15.7*	37.0*	27.3*

<sup>a</sup> The official Soviet exchange rate is 4 rubles to US \$1 for merchandise transactions and 10 rubles to US \$1 for tourist and other "invisible" transactions. Although neither of these rates is appropriate to convert Soviet budgetary entries from rubles to dollars, they do suggest the general order of magnitude.

<sup>b</sup> Data in parentheses are estimates.

<sup>c</sup> Excluding auto and river transport of republic subordination.

Table 6  
State Budget of Communist China  
1956-59 and 1960 Plan

Category	Million Current Yuan				
	1956	1957	1958	1959	1960 Plan
<b>Revenues</b>					
Taxes .....	14,088*	15,490*	18,740*	20,470*	24,360*
Profits of state enterprises * .....	13,426*	14,420*	22,020*	33,360*	45,300*
Credits, loans, and insurance .....	724*	700*	790*	0*	0*
Other .....	505*	410*	310*	330*	360*
<b>Total</b> .....	<b>28,743*</b>	<b>31,020*</b>	<b>41,860*</b>	<b>54,160*</b>	<b>70,020*</b>
<b>Expenditures</b>					
Economic construction .....	15,915*	14,910*	26,270*	32,170*	42,910*
Social, cultural, and educational .....	4,596*	4,640*	4,350*	5,860*	8,620*
Defense .....	6,116*	5,510*	5,000*	5,800*	5,800*
Administration .....	2,660*	2,270*	2,270*	2,900*	3,170*
Loan service .....	722*	839*	905*	970*	1,200*
Foreign aid .....	404*	454*	275*	350*	500*
Other <sup>b</sup> .....	161*	1,797*	1,890*	4,720*	7,820*
<b>Total</b> .....	<b>30,574*</b>	<b>30,420*</b>	<b>40,960*</b>	<b>52,770*</b>	<b>70,020*</b>
<b>Budget surplus or deficit</b> .....	<b>-1,831*</b>	<b>600*</b>	<b>900*</b>	<b>1,390*</b>	<b>0*</b>

<sup>a</sup> From 1958 on, including profits of joint state-private and cooperative enterprises, formerly paid as income taxes.

<sup>b</sup> Including allocations to the bank for credit funds, miscellaneous expenditures, and, in 1960, a general reserve of 1,700 million yuan.

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ECONOMIC INDICATORS

Table 7  
 Comparison of Selected Consumer Goods for the US and the USSR  
 Selected Years, 1950-59

Product and Country	Production in Thousand Units				
	1950	1955	1957	1958	1959
<b>Automobiles</b>					
US .....	6,665.9*	7,920.0*	6,112.8*	4,257.6*	5,591.3*
USSR .....	64.6*	107.8*	113.6*	122.0*	124.5*
<b>Radio receivers</b>					
US .....	14,590.0*	14,529.0*	15,428.0*	12,507.0*	16,451.0*
USSR .....	1,071.0*	3,529.0*	3,600.0*	3,900.0*	4,000.0*
<b>Refrigerators</b>					
US .....	6,200.0*	4,200.0*	3,350.0*	3,116.7*	3,880.0*
USSR .....	1.2*	151.4*	308.9*	359.6*	426.0*
<b>Television receivers</b>					
US .....	7,464.0*	7,756.0*	6,399.0*	4,920.0*	6,349.0*
USSR .....	12.0*	495.0*	700.0*	1,000.0*	1,300.0*
<b>Washing machines</b>					
US .....	4,290.0*	4,236.6*	3,684.6*	3,672.3*	3,833.3*
USSR .....	0.3*	87.0*	377.4*	538.4*	724.0*
					Unit Production Per Thousand Persons
<b>Automobiles</b>					
US .....	43.94*	47.91*	35.71*	24.45*	31.57*
USSR .....	0.35*	0.55*	0.56*	0.59*	0.59*
<b>Radio receivers</b>					
US .....	96.18*	87.89*	90.12*	71.84*	92.89*
USSR .....	5.87*	17.91*	17.69*	18.85*	19.02*
<b>Refrigerators</b>					
US .....	40.87*	25.41*	19.57*	17.90*	21.91*
USSR .....	0.01*	0.77*	1.52*	1.74*	2.03*
<b>Television receivers</b>					
US .....	49.20*	46.92*	37.38*	28.26*	35.85*
USSR .....	0.07*	2.51*	3.44*	4.83*	6.18*
<b>Washing machines</b>					
US .....	28.28*	25.63*	21.52*	21.09*	21.64*
USSR .....	Negl.*	0.44*	1.85*	2.60*	3.44*

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Table 8  
Comparison of Selected Economic Indicators for the US and the USSR\*  
1950, 1955-59, and 1965 Plan

Product, Unit of Measure, and Country	Average Annual Rate of Growth (Percent)				
	1950	1955	1956	1957	1958
Gross national product (billion 1955 US \$)					
US	322*				
USSR		398*	405*	413*	404*
Industrial production (1950=100)	109	151	165	174	190
US					
USSR	100*	129*	134*	135*	125*
Population (million persons) <sup>a</sup>	100	166	183	197	211
US					
USSR	151.7*	165.3*	168.2*	171.2*	174.1*
Electric power (billion kilowatt-hours)	182.3*	197.0*	200.2*	203.5*	206.9*
US					
USSR	408*	668*	727*	760*	768*
Primary energy (million mt/sf) <sup>b</sup>	91*	170*	192*	210*	235*
US					
USSR	N.A.*	1,340*	1,430*	1,440*	1,340*
Crude petroleum (million metric tons)	N.A.	434	475	533	591
US					
USSR	270*	340*	359*	358*	335*
Crude steel (million metric tons)	38*	71*	84*	98*	113*
US					
USSR	87.8*	106*	105*	102*	77.3*
Refined copper (thousand metric tons)	27.3*	45.3*	48.6*	51.0*	54.9*
US					
USSR	1,276*	1,436*	1,546*	1,534*	1,450*
Grain (million metric tons)	247	377	387	396	406
US					
USSR	134.8*	141.3*	142.8*	143.8*	170.2*
Population (million metric tons)	81.2	106.8	115.0	105.0	130.0
US					
USSR					
Population (million metric tons)	172.0* <sup>c</sup>	168.8*	100.0	172.0* <sup>c</sup>	2.3

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Table 8 (Continued)

Product, Unit of Measure, and Country	1950	1955	1956	1957	1958	1959	1965 Plan	Average Annual Rate of Growth <sup>b</sup> (Percent)	
								1951-59	1951-65
<b>Meat</b>									
(million metric tons)								1.2*	
US .....	10.0*	12.2*	12.7*	12.2*	11.7*	11.1*	11.0	6.5	8.4
USSR .....	3.3	4.3	4.5	5.0	5.2	5.8			
<b>Wool</b>									
(thousand metric tons)								2.8*	
US .....	112.4*	138.2*	139.4*	132.7*	132.7*	140.6*	548.0*	7.7*	7.7*
USSR .....	180.0*	256.0*	261.0*	289.0*	322.0*	350.0*			
<b>Sulfuric acid</b>									
(million metric tons)								3.4*	
US .....	11.8*	14.3*	14.4*	14.7*	14.4*	15.9*	11.0*	10.2*	11.6*
USSR .....	2.12*	3.80*	4.32*	4.57*	4.80*	5.10*			
<b>Radio and TV receivers</b>									
(million units)								0.4*	
US .....	22.05*	22.28*	21.37*	21.83*	17.43*	22.80*	9.30*	19.3*	15.4*
USSR .....	1.08*	4.02*	4.27*	4.30*	4.90*	5.30*			
<b>Motor vehicles</b>									
(thousand units)								-1.9*	
US .....	8,003*	9,169*	6,921*	7,220*	5,135*	6,728*	856*	3.5*	5.9*
USSR .....	363*	445*	465*	496*	511*	495*			
<b>Inland transport</b>									
(billion tkm) <sup>a</sup>								N.A.*	
US .....	2,010*	2,400*	2,530*	2,500*	2,300*	N.A.*		N.A.*	
USSR .....	693*	1,130*	1,260*	1,420*	1,550	N.A.			
<b>Cement</b>									
(million metric tons)								5.0*	
US .....	39.1*	52.8*	56.0*	52.4*	54.7*	60.4*	78.0* <sup>c</sup>	16.0*	14.5*
USSR .....	10.2*	22.5*	24.9*	28.9*	33.3*	38.8*			

\* For detailed information on these items, see the pertinent tables.

<sup>b</sup> When a range of quantities or indexes occurred in data used in computing these averages, the midpoint of the plan was used. The base year is the year before the stated year.

<sup>c</sup> 1951-58.

<sup>d</sup> Data are as of midyear.

<sup>e</sup> Metric tons of standard fuel equivalents.

<sup>f</sup> 1956-59.

<sup>g</sup> Midpoint of the range of planned production for 1965.

<sup>h</sup> Metric ton-kilometers.

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ECONOMIC INDICATORS

Table 9  
Comparison of Selected Economic Indicators for Communist China and India \*  
1950 and 1955-59

Product, Unit of Measure, and Country	1950	1955	1956	1957	1958	Average Annual Rate of Growth <sup>b</sup> (Percent)	
						1959	1951-59
Gross national product							
Communist China (billion 1955 US \$)	31.4	48.5	53.8	56.2	67.4	74.2	10.0
India (billion 1958 US \$)	23.6*	27.4*	28.8*	28.4*	30.7*	31.8*	3.4*
Industrial production (1950=100)							
Communist China	100	266	341	365	516	671	23.6
India	100*	136*	148*	153*	156*	166*	5.8*
Population (million persons) <sup>c</sup>							
Communist China	547*	612*	627*	642*	658*	675*	2.4*
India	358*	382*	387*	392*	398*	403*	1.3*
Electric power (billion kilowatt-hours) <sup>d</sup>							
Communist China	4.55	12.30*	16.60*	19.30*	27.50*	41.50*	27.8
India	6.52*	10.97*	12.33*	13.88*	15.79*	18.20*	12.1*
Coal (million metric tons)							
Communist China	42.9*	98.3*	110.4*	130.7*	270.2*	347.8*	26.2*
India	32.8*	38.8*	39.9*	44.2*	46.1*	47.8*	4.3*
Crude steel (million metric tons)							
Communist China	0.60*	2.85*	4.46*	5.35*	8.00**	13.35**	41.2*
India	1.46*	1.73*	1.76*	1.74*	1.85*	2.41*	5.7*
Refined copper (thousand metric tons)							
Communist China	5.3	15.0	14.0	14.0	35.0	56.0	29.9
India	6.7*	7.4*	7.8*	7.9*	8.0*	7.8*	1.7*
Rice (million metric tons)							
Communist China	64.0	78.0	82.5	86.8	99.0	90.0	3.9
India <sup>e</sup>	31.8*	41.0*	43.1*	38.0*	45.4*	46.3*	4.3*
Wheat (million metric tons)							
Communist China	21.0	23.0	24.8	23.6*	29.0*	N.A.	4.1 <sup>h</sup>
India	6.40*	8.92*	8.76*	9.46*	7.89*	9.85*	4.9*

See footnotes at end of table.

Table 9 (Continued)

Product, Unit of Measure, and Country	1950	1955	1956	1957	1958	1959	Average Annual Rate of Growth <sup>b</sup> (Percent) 1951-59
Wool (thousand metric tons)							
Communist China	34.0	36.1	36.8	37.5	38.2	39.0	1.5
India	22.9*	32.7*	32.7*	33.6*	33.6*	33.6*	4.4*
Sulfuric acid (thousand metric tons)							
Communist China	49	375	517	632	740	1,000	39.8
India	104*	169*	168*	199*	230*	280*	11.6*
Motor vehicles (thousand units)							
Communist China	0	0	1.6*	7.5	16.0	19.2	N.A.
India	14.6*	23.1*	32.1*	31.9*	26.8*	36.3*	10.6*
Railroad freight traffic (billion tkm) <sup>1</sup>							
Communist China	39.4*	98.2*	120.4*	134.6*	185.5*	250.0	22.8
India	47.1* <sup>1</sup>	55.4*	62.4*	70.6*	73.8*	76.2*	5.5*
Cement (million metric tons)							
Communist China	1.41	4.50*	6.39*	6.86*	9.30*	12.27*	27.2
India	2.66*	4.56*	5.00*	5.69*	6.17*	6.96*	11.3*

<sup>a</sup> For detailed information on the items for Communist China, see the pertinent tables. Data for India are primarily from UN sources or from official Indian statistical publications.

<sup>b</sup> The base year is the year before the stated year.

<sup>c</sup> Data are as of midyear.

<sup>d</sup> Data refer to total (gross) production at generating centers (therefore including transmission losses and station use).

<sup>e</sup> Excluding production from native furnaces.

<sup>f</sup> Including 4.72 million metric tons of steel made in small side-blown converters.

<sup>g</sup> Production estimated from planted acreage.

<sup>h</sup> 1951-58.

<sup>1</sup> Metric ton-kilometers.

<sup>2</sup> 1951.



Table 10  
Estimated Population \*  
Selected Years, 1938-75

Midyear Population in Million Persons

Country	Prewar Boundaries		Present Boundaries							
	1938	1938	1950	1955	1958	1959	1960	1965	1970	1975
NATO	370*	370*	416*	442*	460*	466*	472*	501*	533*	570*
US	130.0*	130.0*	151.7*	165.3*	174.1*	177.1*	180.1*	195.7*	213.8*	235.2*
Other NATO countries	240.4*	239.8*	263.8*	276.8*	286.0*	289.1*	291.9*	305.1*	319.2*	334.4*
Belgium	8.4*	8.4*	8.6*	8.9*	9.1*	9.1*	9.2*	9.4*	9.7*	10.1*
Canada	11.4*	11.4*	13.7*	15.7*	17.1*	17.5*	17.8*	19.6*	21.1*	22.6*
Denmark	3.8*	3.8*	4.3*	4.4*	4.5*	4.5*	4.6*	4.7*	4.9*	5.1*
France	41.9*	41.9*	41.7*	43.3*	44.5*	45.0*	45.4*	46.8*	48.4*	50.1*
West Germany <sup>b</sup>	39.9*	39.9*	47.8*	50.2*	52.2*	52.7*	53.1*	54.9*	56.2*	57.0*
Greece	7.2*	7.2*	7.6*	8.0*	8.2*	8.3*	8.3*	8.7*	9.2*	9.7*
Iceland	0.1*	0.1*	0.1*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*	0.2*
Italy	43.6*	43.0*	46.6*	48.1*	48.7*	49.0*	49.2*	51.0*	53.2*	55.8*
Luxembourg	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4*
Netherlands	8.7*	8.7*	10.1*	10.8*	11.2*	11.3*	11.5*	12.0*	12.5*	13.0*
Norway	2.9*	2.9*	3.3*	3.4*	3.5*	3.6*	3.6*	3.7*	3.9*	4.0*
Portugal	7.5*	7.5*	8.4*	8.8*	9.0*	9.1*	9.1*	9.5*	10.0*	10.5*
Turkey	17.2*	17.2*	20.8*	23.9*	25.9*	26.6*	27.4*	31.1*	35.3*	39.8*
UK	47.5*	47.5*	50.3*	51.0*	51.7*	51.9*	52.2*	53.0*	54.3*	56.1*
Sino-Soviet Bloc	783*	790*	843*	927*	987*	1,009*	1,031*	1,147*	1,274*	1,416*
USSR	168.5*	192.3*	182.3*	197.0*	206.9*	210.3*	213.9*	231.0*	247.1*	263.3*
Asian countries	502*	502*	571*	636*	683*	700*	718*	812*	919*	1,039*
Communist China	480*	480*	547*	612*	658*	675*	692*	783*	886*	1,002*
North Korea	8.9*	8.9*	9.1*	8.2*	8.7*	8.9*	9.1*	10.0*	11.1*	12.2*
North Vietnam	12.8*	12.8*	14.4*	14.7*	15.3*	15.6*	16.0*	18.1*	20.5*	23.1*
Mongolia	0.8*	0.8*	0.9*	0.9*	1.0*	1.0*	1.0*	1.1*	1.3*	1.4*

Table 10 (Continued)

Midyear Population in Million Persons

Country	Prewar Boundaries	Present Boundaries								
	1938	1938	1950	1955	1958	1959	1960	1965	1970	1975
European Satellites . . .	112.3*	95.5*	89.7*	94.3*	96.8*	97.8*	98.7*	103.5*	108.5*	114.2*
Albania . . . . .	1.0*	1.0*	1.2*	1.4*	1.5*	1.5*	1.6*	1.8*	2.1*	2.4*
Bulgaria . . . . .	6.2*	6.7*	7.3*	7.5*	7.7*	7.8*	7.9*	8.2*	8.6*	9.0*
Czechoslovakia . . . . .	15.3*	14.5*	12.4*	13.1*	13.5*	13.6*	13.7*	14.2*	14.8*	15.4*
East Germany <sup>b</sup> . . . . .	26.1*	16.6*	18.4*	17.9*	17.4*	17.3*	17.2*	16.8*	16.7*	16.7*
Hungary . . . . .	9.2*	9.2*	9.3*	9.8*	9.9*	9.9*	10.0*	10.3*	10.7*	11.0*
Poland . . . . .	34.7*	31.9*	24.8*	27.3*	28.8*	29.4*	29.9*	32.5*	35.0*	37.9*
Rumania . . . . .	19.8*	15.6*	16.3*	17.3*	18.1*	18.3*	18.5*	19.5*	20.6*	21.8*

\* All data in this table are unclassified but are not necessarily official data of the respective countries.

<sup>b</sup> Excluding the population of West Berlin. The population of West Berlin in 1938 is estimated to have been 2.7 million persons; for the period 1950-75, the estimated population is about 2.2 million persons.

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Table 11  
Civilian Employment in the US and the Sino-Soviet Bloc<sup>a</sup>  
1950, 1955-59, and 1965

Country	Million Persons						
	1950	1955	1956	1957	1958	1959	1965 <sup>b</sup>
US	63.1*	65.8*	67.5*	67.9*	68.6*	69.4*	
Sino-Soviet Bloc <sup>c</sup>	405	440	451	461	485	495	
USSR	86.9	95.6	98.9	101	102	104	113
Communist China	262	286	293	300	322	329	374
North Korea	4.20	3.40	3.50	3.70	3.80	3.90	4.60
North Vietnam	7.50	8.00	7.90	8.10	8.20	8.30	9.30
European Satellites	44.4	46.8	47.7	48.4	48.8	49.3	
Albania	0.60	0.69	0.70	0.72	0.73	0.75	0.89
Bulgaria	4.22	4.05	4.17	4.26	4.41	4.50	4.89
Czechoslovakia	5.64	6.04	6.13	6.23	6.33	6.42	6.89
East Germany	8.43	8.45	8.56	8.62	8.54	8.49	7.95
Hungary	4.03	4.29	4.39	4.43	4.45	4.48	4.69
Poland	12.1	13.4	13.7	14.0	14.1	14.2	15.7
Rumania	9.38	9.89	10.0	10.1	10.3	10.4	11.2

<sup>a</sup> Data for the countries of the Sino-Soviet Bloc refer to annual average employment for the USSR and Poland; annual average employment in nonagricultural activities and midyear or year-end employment in agriculture for Albania, Bulgaria, Czechoslovakia, and Rumania; annual average employment in nonagricultural activities and beginning-of-year employment in agriculture for Hungary; and mid-year employment for Communist China, North Korea, North Vietnam, and East Germany. All data exclude the military forces. Data for the US include unemployed persons and refer to annual averages of monthly data.

<sup>b</sup> Estimated civilian employment for 1965.

<sup>c</sup> Excluding Mongolia.

Table 12  
Agricultural Employment in the US and the Sino-Soviet Bloc<sup>a</sup>  
1950, 1955-59, and 1965

Country	Million Persons						
	1950	1955	1956	1957	1958	1959	1965 <sup>b</sup>
US	7.51*	6.73*	6.58*	6.22*	5.84*	5.84*	
Sino-Soviet Bloc <sup>c</sup>	302	318	325	332	350	355	
USSR	51.5	51.2	52.9	52.7	52.5	52.5	51.0
Communist China	217	235	240	247	265	269	292
North Korea	2.90	2.20	2.20	2.20	2.10	2.10	2.00
North Vietnam	6.40	6.90	6.80	6.90	7.00	7.10	7.90
European Satellites	24.2	23.1	23.3	23.5	23.7	23.8	
Albania	0.47	0.51	0.52	0.53	0.54	0.55	0.66
Bulgaria	3.25	2.71	2.80	2.82	2.95	3.01	3.27
Czechoslovakia	2.06	1.96	1.92	1.90	1.88	1.88	1.88
East Germany	2.07	1.74	1.73	1.64	1.63	1.62	1.52
Hungary	2.10	1.95	1.99	2.03	2.03	2.03	2.03
Poland	7.14	7.18	7.24	7.30	7.36	7.36	7.36
Rumania	7.15	7.02	7.10	7.25	7.33	7.40	7.95

<sup>a</sup> Data for the countries of the Sino-Soviet Bloc refer to annual average employment for the USSR and Poland; midyear or year-end employment for Albania, Bulgaria, Czechoslovakia, and Rumania; beginning-of-year employment for Hungary; and midyear employment for Communist China, North Korea, North Vietnam, and East Germany. All data exclude the military forces. Data for the US include unemployed persons and refer to annual averages of monthly data.

<sup>b</sup> Estimated agricultural employment for 1965.

<sup>c</sup> Excluding Mongolia.

Table 13  
Nonagricultural Employment in the US and the Sino-Soviet Bloc<sup>a</sup>  
1950, 1955-59, and 1965

Country	Million Persons						
	1950	1955	1956	1957	1958	1959	1965 <sup>b</sup>
US	52.4*	56.5*	58.4*	58.8*	58.1*	59.7*	
Sino-Soviet Bloc <sup>c</sup>	106	121	126	128	135	140	
USSR	38.1	44.4	46.0	47.9	49.9	51.7	61.9
Communist China	45.0	51.0	53.0	53.0	57.0	60.0	82.0
North Korea	1.30	1.20	1.30	1.50	1.70	1.80	2.60
North Vietnam	1.10	1.10	1.10	1.20	1.20	1.20	1.40
European Satellites	20.2	23.7	24.4	24.9	25.1	25.4	
Albania	0.13	0.18	0.18	0.19	0.19	0.20	0.23
Bulgaria	0.97	1.34	1.37	1.44	1.46	1.49	1.62
Czechoslovakia	3.58	4.08	4.21	4.33	4.45	4.54	5.01
East Germany	6.36	6.71	6.83	6.98	6.91	6.87	6.43
Hungary	1.93	2.34	2.40	2.40	2.42	2.45	2.66
Poland	4.99	6.20	6.44	6.68	6.75	6.88	8.32
Rumania	2.23	2.87	2.94	2.88	2.93	2.99	3.22

<sup>a</sup> Data for the countries of the Sino-Soviet Bloc refer to annual average employment for the USSR, Albania, Bulgaria, Czechoslovakia, Hungary, Poland, and Rumania and midyear employment for Communist China, North Korea, North Vietnam, and East Germany. All data exclude the military forces. Data for the US include unemployed persons and refer to annual averages of monthly data.

<sup>b</sup> Estimated nonagricultural employment for 1965.

<sup>c</sup> Excluding Mongolia.

Table 14  
Strength of Armed Forces  
1959

Country	Thousand Persons <sup>a</sup>		
	Total Armed Forces	Military	Internal Security
NATO	6,100	5,800	300
US	2,600*		
Sino-Soviet Bloc	8,600	8,000	570
USSR <sup>b</sup>	3,900	3,600	250
Communist China	2,800	2,800	N.A.
North Korea	360	360	N.A.
North Vietnam	310	270	35
European Satellites	1,300	1,000	280
Albania	40	30	10
Bulgaria	160	130	35
Czechoslovakia	240	190	45
East Germany	140	90	50
Hungary	140	100	35
Poland	290	250	45
Rumania	280	220	60

<sup>a</sup> All data have been rounded to two significant digits.

<sup>b</sup> 1 January 1960.

Table 15  
 Military Age Group<sup>a</sup> in the US and the Sino-Soviet Bloc  
 1956 and Projections for 1961 and 1966

Country	Thousand Persons		
	1956	1961	1966
US .....	11,200*	11,300*	12,900*
Sino-Soviet Bloc <sup>b</sup> .....	79,000	84,800	87,800
USSR .....	18,719	19,252	17,052
Communist China .....	51,000	56,000	61,000
North Korea .....	500	600	1,000
North Vietnam .....	1,300	1,400	1,600
European Satellites .....	7,470	7,500	7,170
Albania .....	130	140	150
Bulgaria .....	660	610	580
Czechoslovakia .....	930	910	990
East Germany .....	1,100	1,260 <sup>c</sup>	1,110 <sup>c</sup>
Hungary .....	760	690	720
Poland .....	2,330	2,310	2,120
Rumania .....	1,560	1,580	1,500

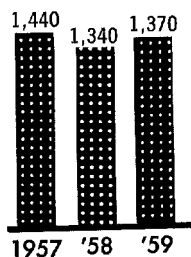
<sup>a</sup> The male population 20 to 29 years of age as of the beginning of the year.

<sup>b</sup> Excluding Mongolia.

<sup>c</sup> Assuming average annual emigration of 200,000 persons of all ages.

# COMPARISON OF PRODUCTION OF PRIMARY ENERGY IN STANDARD FUEL EQUIVALENTS IN THE US AND THE USSR SELECTED YEARS, 1955-59

US



Million metric tons  
of standard fuel equivalents



USSR

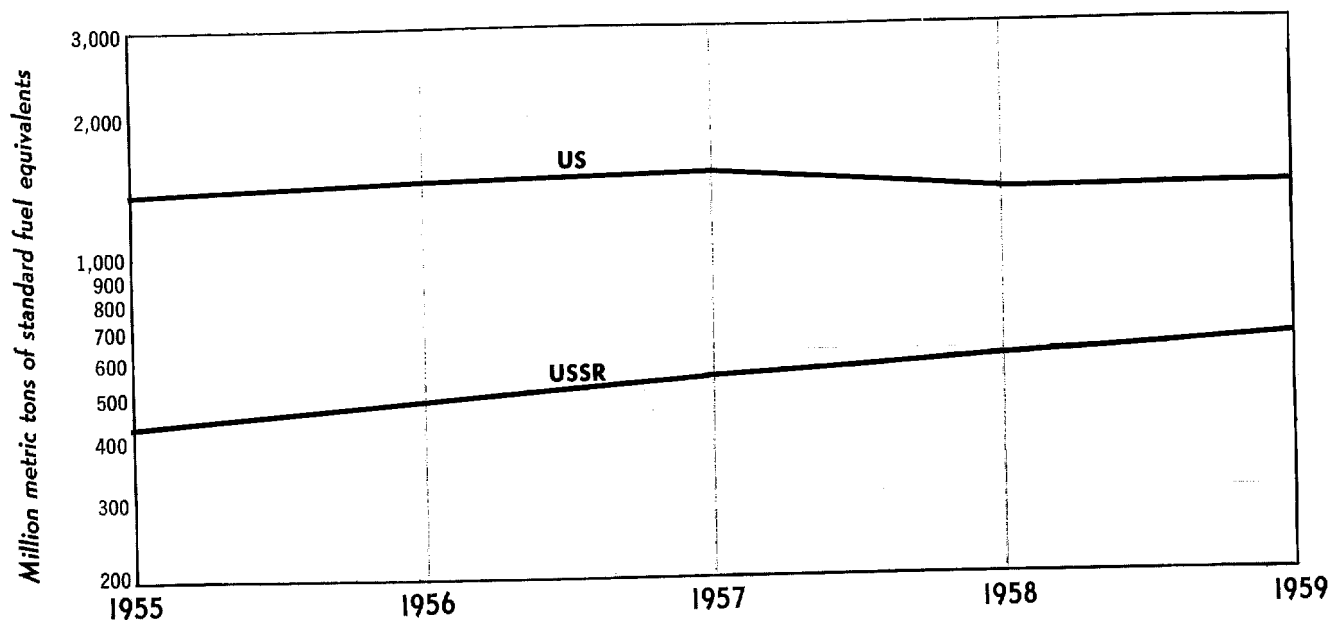
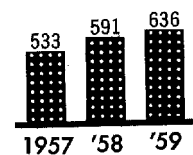


Table 16  
 Production of Primary Energy<sup>a</sup> in Standard Fuel Equivalents in the  
 US and the Sino-Soviet Bloc, 1955-59

Country	Million MT/SF <sup>b</sup>				
	1955	1956	1957	1958	1959
US .....	1,340*	1,430*	1,440*	1,340*	1,370*
Sino-Soviet Bloc .....	767	829	919	1,120	1,240
USSR .....	434	475	533	591	636
Communist China .....	94.0	107	130	260	330
North Korea .....	4.23	5.89	7.68	9.52	11.1
North Vietnam .....	0.60	1.13	1.10	1.40	2.43
European Satellites .....	234	240	247	258	265
Albania .....	0.39	0.50	0.85	0.69	0.86
Bulgaria .....	5.59	6.19	6.81	7.21	8.61
Czechoslovakia .....	37.8	41.6	45.2	50.2	49.9
East Germany .....	65.6	67.3	69.4	70.4	70.3
Hungary .....	13.8	12.4	11.8	13.5	14.3
Poland .....	83.8	84.5	83.4	84.7	88.8
Rumania .....	26.8	27.8	29.7	31.7	32.5

<sup>a</sup> From major sources of supply, including coal, crude oil, natural gas, and hydro-electric power. Excluding energy from minor sources such as peat, shale, and fuelwood.

<sup>b</sup> Million metric tons of standard fuel equivalents. Standard fuel has a calorific value of 7,000 kilocalories per kilogram.

Table 17  
 Production of Electric Power \*  
 1950, 1955-59, and 1965 Plan

Country	Billion Kilowatt-Hours						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	663*	1,070*	1,160*	1,220*	1,260*	1,350*	1,918* <sup>c</sup>
Total US <sup>d</sup>	408*	668*	727*	760*	768*	836*	1,160* <sup>c</sup>
Of which: Hydro	106*	116*	125*	133*	143*	141*	175* <sup>c</sup>
Sino-Soviet Bloc	143	259*	293*	321*	365*	417*	
Total USSR	91.20*	170.22*	191.65*	209.69*	235.40*	264.00*	520*
Of which: Hydro	12.70*	23.16*	28.98*	39.43*	46.49*	47.60*	91.6*
Communist China	4.55	12.30*	16.60*	19.30*	27.50*	41.50*	
North Korea	3.00	3.00*	5.10*	6.90*	7.63*	7.81*	20*
North Vietnam	0.07	0.05*	0.09*	0.12*	0.16*	0.21*	
European Satellites	44.1*	73.4*	79.7*	85.3*	93.9*	103*	183*
Albania	0.02*	0.08*	0.10*	0.12*	0.15*	0.18*	0.61*
Bulgaria	0.80*	2.07*	2.39*	2.66*	3.02*	3.90*	10*
Czechoslovakia	9.27*	15.01*	16.59*	17.72*	19.62*	21.90*	37.7*
East Germany	19.47*	28.70*	31.18*	32.74*	34.87*	37.20*	63*
Hungary	3.00*	5.43*	5.00*	5.44*	6.50*	7.10*	10*
Poland	9.40*	17.80*	19.50*	21.16*	23.50*	26.40*	43.5*
Rumania	2.11*	4.30*	4.93*	5.44*	6.18*	6.80*	18.5*

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	13.45*	14.06*	Iceland	0.47*	N.A.*	Portugal	2.66*	2.99*
Canada	97.23*	104.37*	Italy	45.16*	47.60*	Saar	2.95*	2.99*
Denmark	4.11*	4.70*	Luxembourg	1.32*	1.29*	Turkey <sup>e</sup>	2.30*	2.41*
France	64.12*	66.59*	Netherlands	14.10*	14.98*	UK	114.85*	122.63*
Greece	1.80*	N.A.*	Norway	27.59*	28.35*	West Germany	95.32*	101.52*

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Austria	13.56*	15.06*	Japan	81.85*	N.A.*	Switzerland	16.89*	17.50*
Finland	7.97*	7.74*	Spain	15.90*	16.10*	Yugoslavia	7.33*	8.11*
India	15.79*	18.20*	Sweden	30.53*	32.26*			

\* Data refer to total (gross) production at generating centers (therefore including transmission losses and station use).

<sup>b</sup> Excluding for 1959, Greece and Iceland.

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Data are gross estimates based on reported net, adjusted by adding 7.5 percent to thermal electric production to include production that is consumed on the station itself. These data give, therefore, a more realistic comparison with countries of the Sino-Soviet Bloc that have been reporting on a gross basis. These data exclude Alaska and Hawaii.

<sup>e</sup> Approximately 90 percent of gross production.

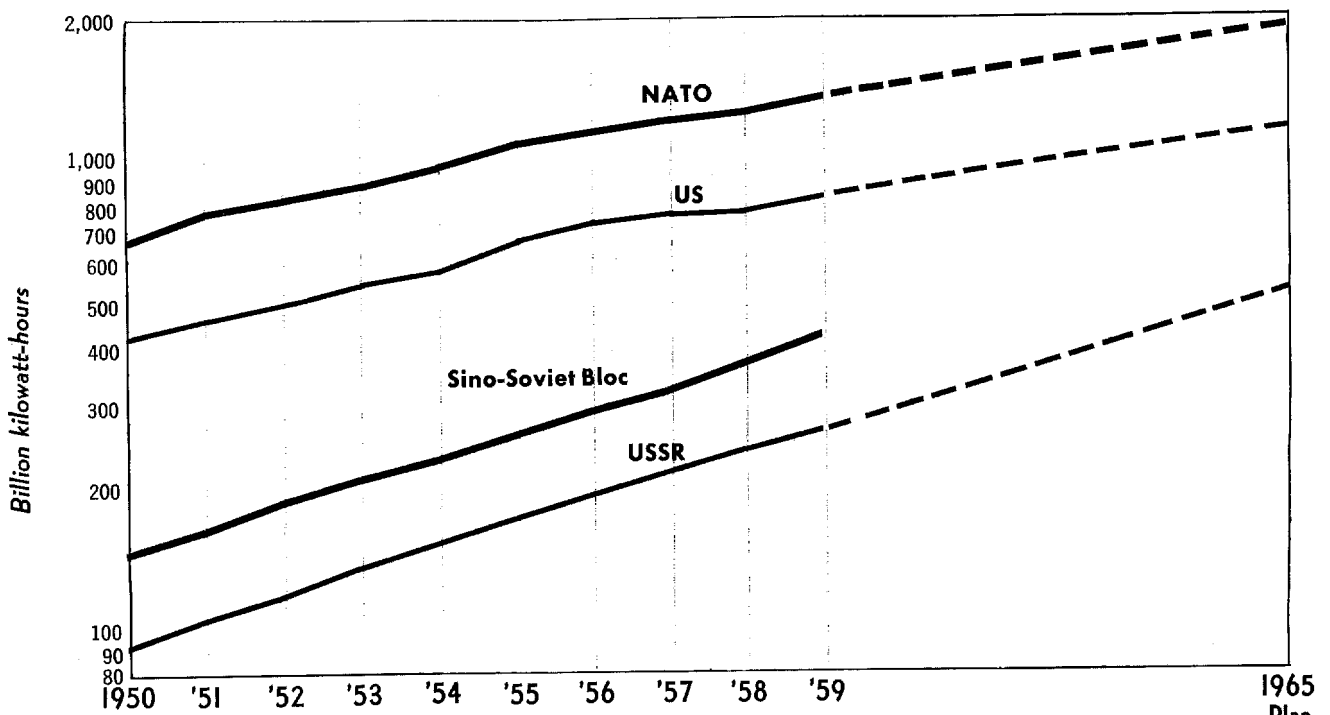
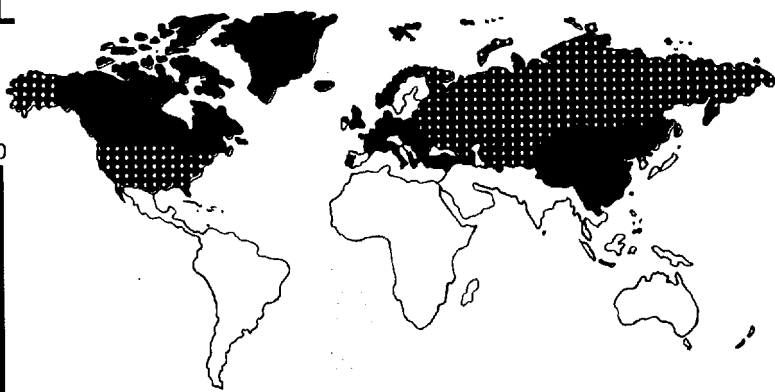
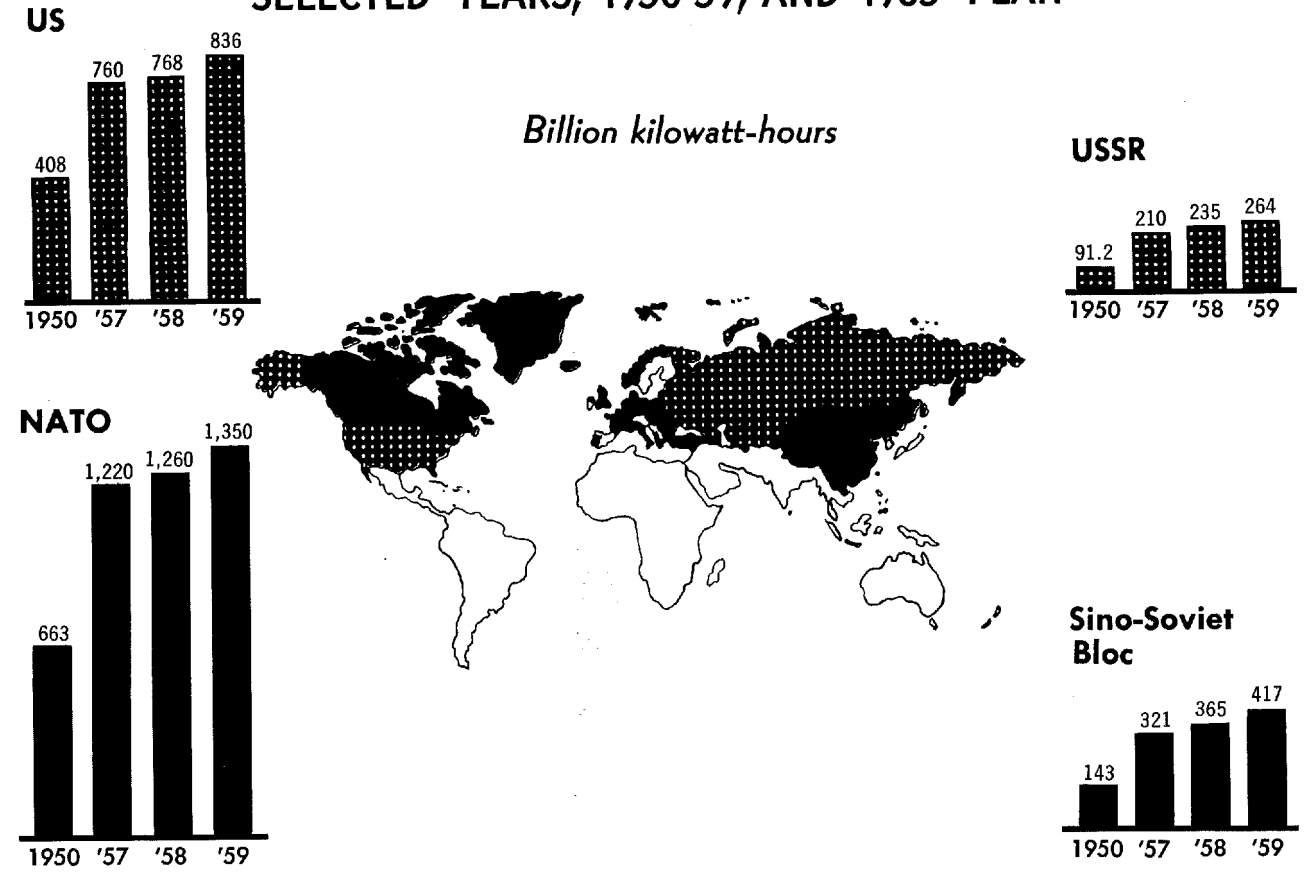


**SECRET**

Approved For Release 1999/09/08 : CIA-RDP79S01046A000700140001-9

# COMPARISON OF PRODUCTION OF ELECTRIC POWER IN SELECTED AREAS

## SELECTED YEARS, 1950-59, AND 1965 PLAN



Approved For Release 1999/09/08 : CIA-RDP79S01046A000700140001-9

**SECRET**

Table 18  
Production of Coal<sup>a</sup> in Standard Fuel Equivalents  
1955-59 and 1965 Plan

Country	Million MT/SF <sup>b</sup>					
	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>c</sup>	967*	1,010*	997*	905*	880*	
US	460.41*	496.23*	486.25*	405.01*	403.04*	
Sino-Soviet Bloc	608	641	692	855	943	
USSR	310.82	325.06	351.68	375.41	383.62	475.00 <sup>d</sup>
Communist China	91.28	102.48	121.39	250.90	322.96	
North Korea	2.52	3.01	3.78	5.20	6.69	
North Vietnam	0.60	1.13	1.10	1.39	2.43	
European Satellites	203	209	214	222	227	
Albania	0.10	0.11	0.12	0.13	0.14	
Bulgaria	5.06	5.46	6.00	6.42	7.74	15.95
Czechoslovakia	36.41	40.11	43.02	47.11	46.10	63.10
East Germany	65.35	67.06	69.18	70.05	69.95	89.70
Hungary	10.92	10.05	10.31	11.80	12.34	14.55
Poland	82.70	83.32	82.35	83.56	87.59	103.71
Rumania	2.68	2.81	3.02	3.20	3.39	5.09

<sup>a</sup> Including hard coal (anthracite and bituminous), brown coal, and lignite, in terms of standard fuel equivalents. For actual tonnages of hard or brown coal, see Tables 19 and 20 (pp. 20 and 21, respectively below).

<sup>b</sup> Million metric tons of standard fuel equivalents. The average calorific values used to convert to standard fuel of 7,000 kilocalories per kilogram are listed below.

Average Calorific Values  
(Kilocalories per Kilogram)

Country or Area	Hard Coal	Brown Coal and Lignite
NATO (excluding the US)	6,700	2,800
US	7,260	3,890
Communist China	6,500	N.A.
North Korea	6,100	4,240
North Vietnam	6,500	N.A.
Albania	N.A.	3,500
Bulgaria	5,250	3,475
Czechoslovakia	5,090	3,490
East Germany	6,000	2,200
Hungary	4,700	3,250
Poland	6,000	2,000
Rumania	4,000	1,940

The average calorific value for the USSR for 1955-59 and that planned for 1965 is 5,200 kilocalories per kilogram (kc/kg). The annual average calorific values for the USSR for individual years are as follows:

Year	Kc/Kg
1955	5,561
1956	5,302
1957	5,312
1958	5,300
1959	5,302
1965 Plan	5,048

<sup>c</sup> Excluding for all years, Iceland and Luxembourg, and for brown coal and lignite, for 1959, Denmark. Production for Belgium, Norway, the Saar, and the UK includes hard coal only. Production for Denmark and Greece includes brown coal and lignite only.

<sup>d</sup> On a cleaned coal basis, production would amount to 439.2 million MT/SF.

Table 19  
 Production of Hard Coal<sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Million Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	962*	931*	969*	957*	868*	843*	
US	505.3*	442.4*	477.1*	467.6*	389.4*	387.4*	
Sino-Soviet Bloc	333	503*	545*	590	759	852	
USSR	185.2*	276.6*	304.0*	328.5*	353.0*	360.6	438.50 <sup>c</sup>
Communist China <sup>d</sup>	42.9*	98.3*	110.4*	130.7*	270.2*	347.8*	
North Korea	1.1	2.0*	2.4*	2.8	3.9	5.0	
North Vietnam	0.5 <sup>e</sup>	0.6*	1.2*	1.1*	1.5*	2.6*	
European Satellites	104*	126*	128*	127*	131*	136	159
Bulgaria	0.2*	0.3*	0.4*	0.4*	0.4*	0.5	1.35*
Czechoslovakia	18.5*	22.1*	23.4*	24.2*	25.8*	26.5	33.70 <sup>f</sup>
East Germany	2.8*	2.7*	2.7*	2.8*	2.9*	2.8*	2.80 <sup>f</sup>
Hungary	1.4*	2.7*	2.4*	2.3*	2.6*	2.7*	3.00 <sup>f</sup>
Poland	78.0*	94.5*	95.1*	94.1*	95.0*	99.1*	112.00*
Rumania	2.7*	3.4*	3.5*	3.6*	3.9*	4.0	6.00*

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	27.1*	22.8*	Netherlands	11.9*	12.0*	Turkey	4.1*	3.9*
Canada	8.6*	7.8*	Norway <sup>g</sup>	0.3*	0.3*	UK <sup>h</sup>	219.3*	209.5*
France	57.7*	57.6*	Portugal	0.6*	0.5*	West Germany	132.6*	125.6*
Italy	0.7*	0.7*	Saar	15.5*	15.3*			

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Australia	20.7*	20.5*	Japan	49.7*	47.2*	Spain	14.4*	13.8*
India	46.1*	47.8*						

<sup>a</sup> Including anthracite and bituminous coal.

<sup>b</sup> Excluding Denmark, Greece, Iceland, and Luxembourg.

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Including a negligible amount of brown coal.

<sup>e</sup> Including production from all areas of Indochina.

<sup>f</sup> Estimated plan for 1965.

<sup>g</sup> Norwegian mines in Svalbard only.

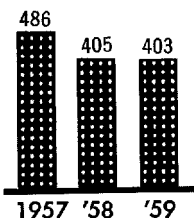
<sup>h</sup> Excluding Northern Ireland.

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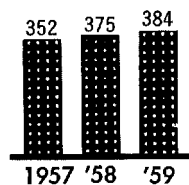
Figure 4

# COMPARISON OF PRODUCTION OF COAL<sup>†</sup> IN STANDARD FUEL EQUIVALENTS IN SELECTED AREAS SELECTED YEARS, 1955-59, AND 1965 PLAN

**US**



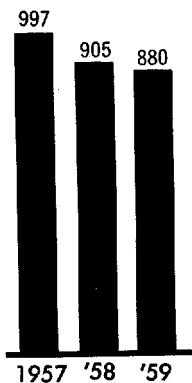
**USSR**



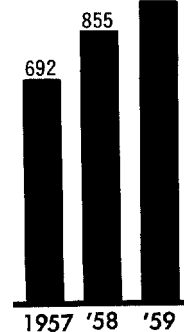
*Million metric tons  
of standard fuel equivalents*



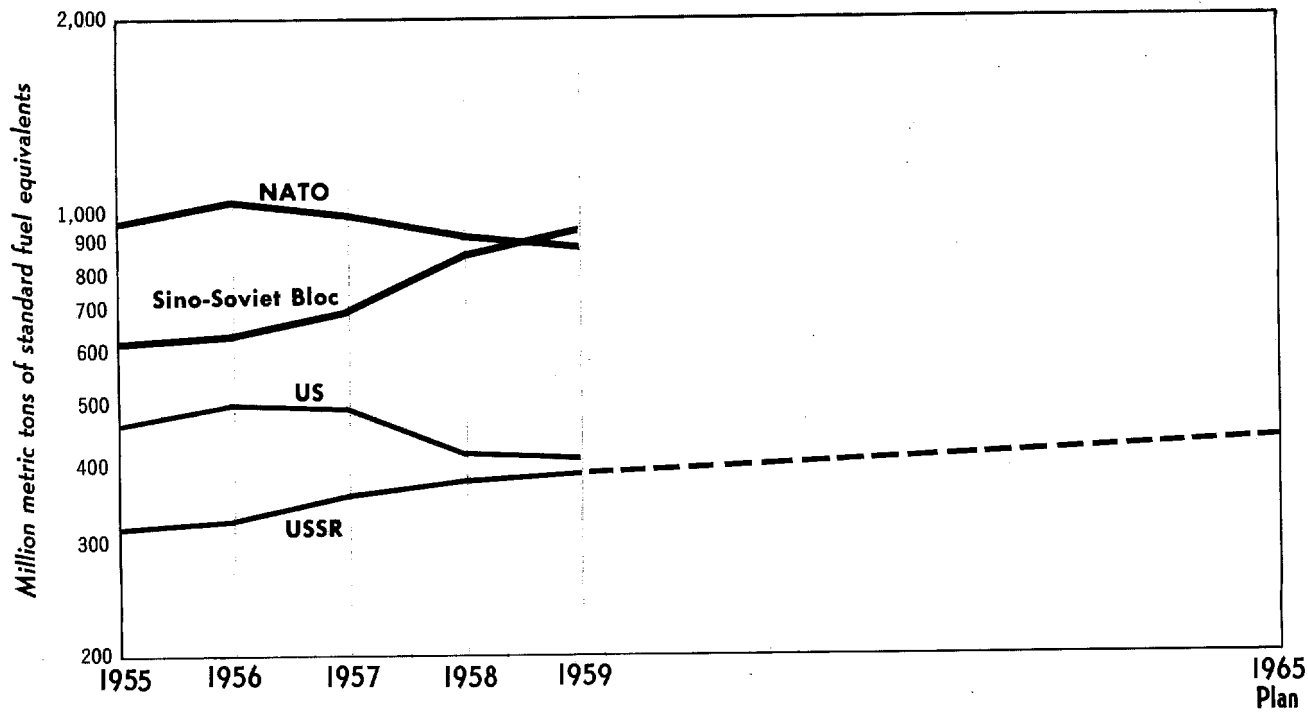
**NATO**



**Sino-Soviet Bloc**



<sup>†</sup> Including hard (anthracite and bituminous) and brown coal and lignite.



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FUELS AND POWER

Table 20  
Production of Brown Coal and Lignite  
1950, 1955-59, and 1965 Plan

Country	Million Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	85.5*	101*	107*	109*	108*	104*	
US	3.1*	2.9*	2.6*	2.4*	2.2*	2.2*	
Sino-Soviet Bloc <sup>b</sup>	265	396*	417*	441	463	469	
USSR	75.9*	114.6*	125.2*	135.0*	142.8*	145.9	170.5 <sup>c</sup>
North Korea	0.9	1.2*	1.5*	2.1	3.0	3.9	
European Satellites	188*	280*	290*	304*	317*	320	
Albania	<i>Negl.*</i>	0.2*	0.2*	0.2*	0.3*	0.3*	
Bulgaria	5.8*	9.8*	10.4*	11.5*	12.4*	14.8	30.1*
Czechoslovakia	27.5*	40.3*	46.3*	51.0*	56.8*	53.8*	77.4*
East Germany	137.0*	200.6*	205.9*	212.6*	215.0*	214.8*	278.0*
Hungary	11.9*	19.6*	18.2*	18.9*	21.6*	22.6*	27.0 <sup>d</sup>
Poland	4.8*	6.0*	6.2*	6.0*	7.5*	9.3*	27.0*
Rumania	1.2*	2.8*	3.0*	3.4*	3.5*	4.0	6.0 <sup>d</sup>

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada	2.0*	1.8*	Greece	1.2*	1.6*	Portugal	0.2*	0.2*
Denmark	3.0*	N.A.*	Italy	0.8*	1.2*	Turkey <sup>e</sup>	1.7*	1.6*
France	2.3*	2.2*	Netherlands	0.3*	0.2*	West Germany	93.8*	93.4*

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Australia	11.8*	13.2*	Japan	1.6*	1.5*	Spain	2.7*	2.1*
Austria	6.5*	6.2*	New Zealand	1.9*	2.0*	Yugoslavia	17.8*	19.8*

<sup>a</sup> Excluding for all years, Belgium, Iceland, Luxembourg, Norway, and the UK, and for 1959, Denmark.

<sup>b</sup> Negligible production in Communist China is included in hard coal.

<sup>c</sup> Estimated production for 1965.

<sup>d</sup> Estimated plan for 1965.

<sup>e</sup> State-owned mines only; approximately 70 percent of the total production in 1958.

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Table 21  
Production of Metallurgical Coke<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	132,000*	159,000*	167,000*	171,000*	146,000*	N.A.*	
US	65,969*	68,313*	67,570*	68,808*	48,540*	50,536*	
Sino-Soviet Bloc	36,500	59,600	63,900	67,300	72,500	79,200	
USSR	27,700*	43,600*	46,600*	48,600*	50,900*	53,500*	76,000 to 80,600*
Communist China <sup>c</sup>	1,200*	3,658*	4,243*	5,040*	6,995*	9,605*	
North Korea	405	154*	200*	240*	390*	765*	
European Satellites	7,180	12,200	12,900	13,400	14,200	15,400	
Bulgaria <sup>d</sup>	9*	10*	10*	12*	12*	12*	
Czechoslovakia	4,047*	5,460*	5,825*	5,943*	5,836*	6,200*	9,720*
East Germany	254	465 <sup>e</sup>	573 <sup>e</sup>	600 <sup>e</sup>	784 <sup>e</sup>	995 <sup>e</sup>	1,295
Hungary <sup>f</sup>	0	30*	30*	197*	336*	360*	640*
Poland	2,802*	6,127*	6,200	6,242*	6,647*	7,190	9,125
Rumania	72*	144*	256*	435*	563*	609*	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	6,909*	7,218*	Italy	3,357*	3,194*	Turkey	536*	N.A.*
Canada	3,006*	N.A.*	Netherlands	4,077*	4,083*	UK	18,777*	17,308*
France	12,756*	13,468*	Saar	4,287*	4,334*	West Germany	43,578*	38,529*

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Australia	2,312*	2,335*	Japan	6,269*	5,906*	Union of		
Austria	2,190*	1,598*	Spain	1,884*	2,014*	South Africa	1,606*	1,768*
						Yugoslavia	1,037*	1,030*

<sup>a</sup> Unless otherwise indicated, data include production of oven and beehive coke and exclude production of breeze coke.

<sup>b</sup> Net production, excluding coke consumed by coking plants. Excluding Denmark, Greece, Iceland, Luxembourg, Norway, and Portugal and including breeze coke for Belgium, Italy, and the Netherlands.

<sup>c</sup> Excluding coke made in beehive, clamp, native, and "small modern" furnaces.

<sup>d</sup> Mainly foundry coke, not suitable for blast furnaces.

<sup>e</sup> Including some high-temperature brown coal coke used for metallurgical purposes, estimated at 180,000 metric tons in 1955; 200,000 metric tons in 1956, in 1957, and in 1958; and 250,000 metric tons in 1959.

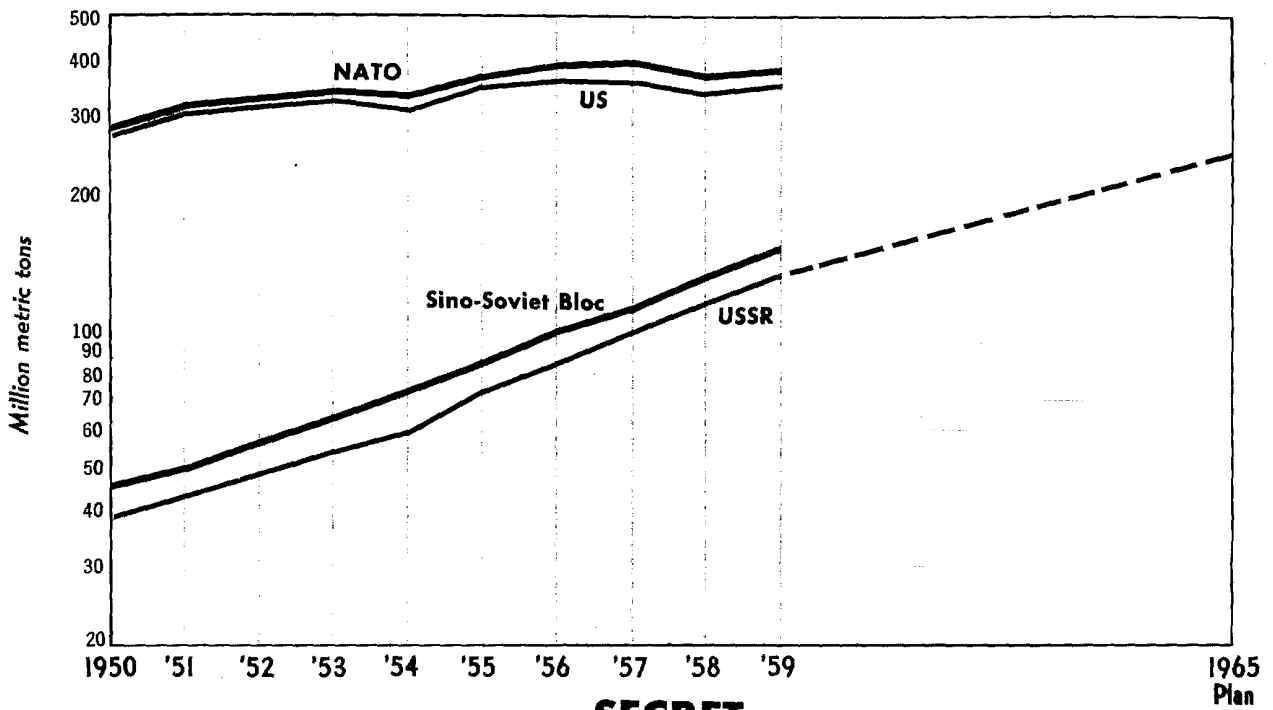
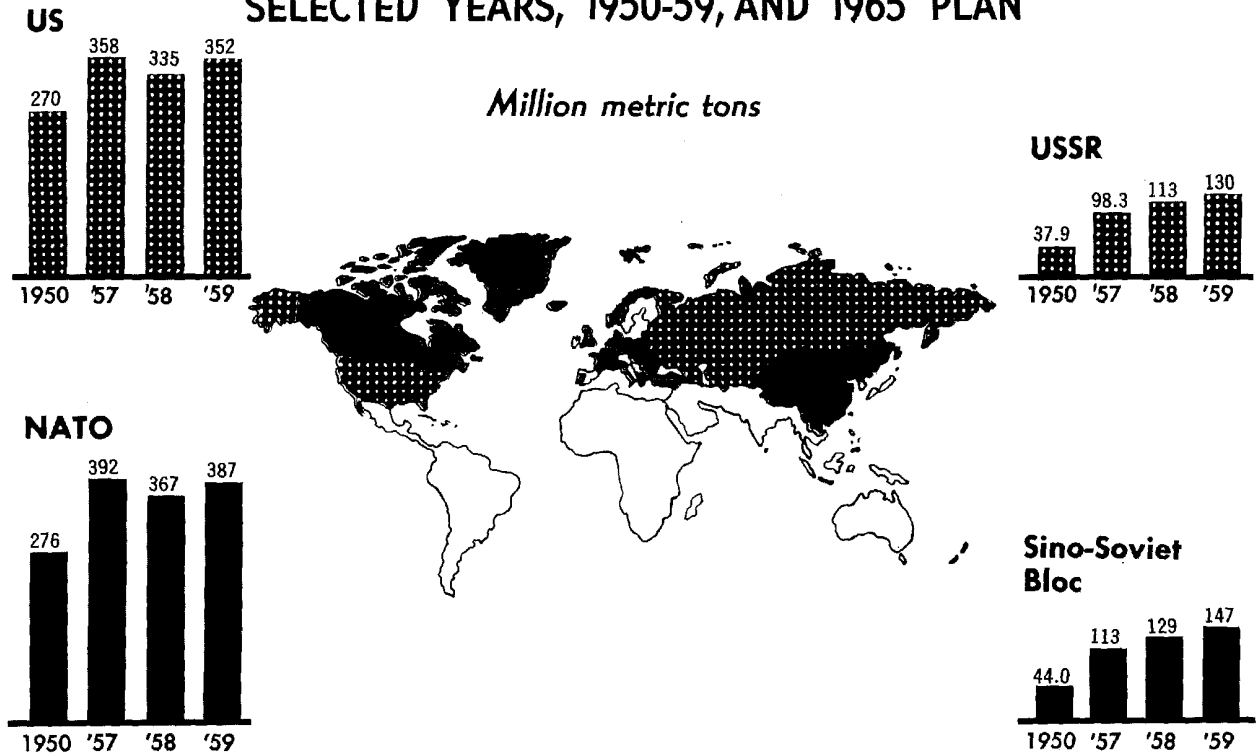
<sup>f</sup> Hungarian data refer to metallurgical coke, but a large part of this "metallurgical coke" is produced in gas plants and is used with high-quality coke in charging blast furnaces.

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Figure 5

**COMPARISON OF PRODUCTION OF CRUDE PETROLEUM  
IN SELECTED AREAS**

**SELECTED YEARS, 1950-59, AND 1965 PLAN**



**SECRET**

Table 22  
Production of Crude Petroleum <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	276,000*	363,000*	389,000*	392,000*	367,000*	387,000*	
US	270,352*	340,332*	358,531*	358,462*	335,460*	352,107*	
Sino-Soviet Bloc <sup>c</sup>	44,000	84,600	97,900	113,000	129,000*	147,000	
USSR	37,900*	70,793*	83,806*	98,346*	113,205*	129,500*	243,000 <sup>d</sup>
Communist China <sup>e</sup>	203*	966*	1,163*	1,455*	2,260*	3,700*	
European Satellites	5,920	12,800	12,900	12,900	13,100*	13,400	
Albania	132	208	266	490	403*	479*	2,000* <sup>f</sup>
Bulgaria	0*	150*	247*	285*	220*	189	200 <sup>d</sup>
Czechoslovakia	63*	107*	108*	108*	106*	123*	125 <sup>d</sup>
East Germany	0*	<i>Negl.</i>	<i>Negl.</i>	<i>Negl.</i>	5*	5	
Hungary	512*	1,601*	1,202*	675*	829*	1,036*	1,680*
Poland	162*	180*	184*	181*	175*	175*	170* <sup>g</sup>
Rumania	5,047*	10,555*	10,920*	11,180*	11,336*	11,438*	12,000 <sup>d</sup>

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada	22,674*	25,019*	Netherlands	1,549*	1,693*	UK	80*	82*
France	1,368*	1,540*	Turkey	326*	358*	West Germany	4,401*	4,962*
Italy	1,433*	1,693*						

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Argentina	4,908*	5,976*	Iran	41,282*	46,250*	Peru	2,566*	2,403*
Austria	2,678*	2,313*	Iraq	36,455*	41,850*	Qatar	8,687*	8,580*
Bahrain	2,037*	2,257*	Kuwait	69,815*	69,500*	Saudi Arabia	50,751*	54,770*
Brunei	5,418*	5,479*	Kuwait Neu- tral Zone	4,037*	5,691*	Trinidad	5,117*	5,537*
Colombia	6,569*	7,233*	Mexico	12,813*	14,493*	Venezuela	130,246*	138,397*
Indonesia	16,262*	18,283*				Yugoslavia	448*	554*

<sup>a</sup> Unless otherwise indicated, data refer to crude petroleum including shale oil but excluding natural gasoline.

<sup>b</sup> Excluding Belgium, Denmark, Greece, Iceland, Luxembourg, Norway, and Portugal.

<sup>c</sup> Excluding production of synthetic crude oil except for Communist China.

<sup>d</sup> Estimated production for 1965.

<sup>e</sup> Including production of natural and synthetic crude oil.

<sup>f</sup> Estimated production for 1965 is 700,000 metric tons.

<sup>g</sup> Estimated production for 1965 is 200,000 metric tons.



Table 23  
Production of Natural Gas  
1950, 1955-59, and 1965 Plan

Country	Million Cubic Meters						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	181,000*	275,000*	295,000*	315,000*	324,000*	339,000*	
US	177,888*	266,316*	284,976*	302,436*	308,256*	320,485*	
Sino-Soviet Bloc	9,600*	16,300*	20,000*	27,500*	38,400*	47,000	
USSR	5,760*	8,979*	12,069*	18,583*	28,063*	35,500	148,280*
European Satellites	3,840*	7,290*	7,930*	8,920*	10,400*	11,500	
Czechoslovakia	33*	173*	274*	772*	1,246*	1,700	3,000 <sup>b</sup>
East Germany	0	10*	12*	25*	36*	40	100 <sup>b</sup>
Hungary	381*	545*	452*	411*	375*	330	400
Poland	182*	393*	436*	419*	384*	424*	1,310*
Rumania	3,243*	6,169*	6,756*	7,297*	8,313*	9,000	12,000 <sup>b</sup>

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada	9,528*	9,828*	Italy	5,184*	6,119*	West Germany	348*	384*
France	1,056*	2,616*						

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Austria	821*	1,086*	Japan	367*	505*	Venezuela	3,936*	4,124*
Indonesia <sup>c</sup>	2,088*	N.A.*	Mexico <sup>c</sup>	6,000*	6,015*			

<sup>a</sup> Including for all years, Canada, France, Italy, the US, and West Germany.

<sup>b</sup> Estimated production for 1965.

<sup>c</sup> Total production, including gas for repressuring and gas wasted.

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**Table 24**  
Production of Petroleum Products<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Thousand Metric Tons

Country	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	322,000*	470,000*	505,000*	N.A.*	N.A.*	N.A.*	
US <sup>c</sup>	272,300*	355,300*	378,100*	378,400*	366,000*	N.A.*	
Sino-Soviet Bloc <sup>d</sup>	41,200	79,600	91,600	105,000	116,000	130,000	
USSR <sup>e</sup>	33,400	62,900	74,200	85,600	95,700	107,100	187,800 <sup>f</sup>
Communist China	170	1,197	1,376	1,698	2,715	3,945	
European Satellites	7,590	15,500	16,000	17,200	17,900	18,800	
Albania	Negl.	65	90	225	290*	300	
Bulgaria	5*	39*	59*	78*	80*	100	
Czechoslovakia	560*	1,035* <sup>g</sup>	1,180* <sup>g</sup>	1,380* <sup>g</sup>	1,580* <sup>g</sup>	1,820	
East Germany	1,320	2,100	2,305	2,650	2,700	2,900	
Hungary	510*	1,500*	1,300*	1,620*	1,860*	2,105	
Poland	280*	675*	710*	745*	755*	780	
Rumania	4,915*	10,130*	10,370*	10,530*	10,620*	10,800	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium <sup>h</sup>	5,060*	6,240*	Netherlands	14,080*	14,460*	Turkey	280*	300*
Denmark	40*	40*	Norway	100*	80*	UK <sup>i</sup>	25,570*	30,240*
France	22,820*	27,370*	Portugal	960*	1,120*	West Germany	10,760*	13,860*
Italy	19,150*	22,510*						

Other Countries

Country	1957	1958	Country	1957	1958
Austria	1,980*	1,760*	Sweden	2,120*	2,160*

<sup>a</sup> Data presented in this table are not intended to be totals of data in Tables 25 through 29 (pp. 26 through 30, below), because this table includes some minor miscellaneous products that are not in any of the following tables.

<sup>b</sup> Excluding for all years, Iceland and Luxembourg, and for 1950, Greece. Unless otherwise indicated, data refer to the total production less consumption at the refineries. Synthetic products and substitute fuels are excluded.

<sup>c</sup> Including products obtained from natural gasoline treated in refineries.

<sup>d</sup> Data for the Sino-Soviet Bloc include production from indigenous and imported natural crude oil and from synthetic sources.

<sup>e</sup> Excluding relatively small yields of synthetic stocks.

<sup>f</sup> Estimated plan for 1965.

<sup>g</sup> Including alcohol and benzol blended with motor gasoline.

<sup>h</sup> Including internal consumption at the refineries.

<sup>i</sup> Including substitute fuels.

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Table 25  
 Production of Gasoline <sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	130,000*	186,000*	195,000*	200,000*	201,000*	N.A.*	
US <sup>c</sup>	116,637*	155,602*	163,229*	168,070*	166,270*	175,066*	
Sino-Soviet Bloc <sup>d</sup>	9,710	19,900	24,000	25,800	26,800	29,400	
USSR <sup>e</sup>	7,200	15,700	19,600	20,900	21,500	23,400	30,800 <sup>f</sup>
Communist China	46	249	320	474	823	1,211	
European Satellites	2,460	3,980	4,110	4,390	4,460	4,740	
Albania	<i>Negl.</i>	5	7	21	30*	35	
Czechoslovakia	190*	350* <sup>g</sup>	360* <sup>g</sup>	380* <sup>g</sup>	400* <sup>g</sup>	450	
East Germany	480	670	685	750	750	840	
Hungary	190*	190*	150*	250*	270*	300	
Poland	100*	130*	160*	190*	195*	215	
Rumania	1,500*	2,640*	2,750*	2,800*	2,820*	2,900	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium <sup>h</sup>	1,140*	1,240*	Italy	3,090*	3,450*	Turkey	80*	70*
Canada	10,240*	10,130*	Netherlands	2,740*	2,880*	UK <sup>i</sup>	6,000*	6,860*
France	5,420*	5,980*	Portugal	240*	300*	West Germany	3,140*	3,720*

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Bahrein	1,628*	1,305*	Mexico	2,124*	2,455*	Saudi Arabia	1,279*	1,048*
Indonesia	2,441*	2,403*	Netherlands			Venezuela	3,352*	4,046*
Japan	2,246*	2,793*	Antilles <sup>j</sup>	4,027*	3,801*			

<sup>a</sup> Unless otherwise indicated, including motor and aviation gasoline but excluding jet fuel.

<sup>b</sup> Excluding for all years, Denmark, Greece, Iceland, and Luxembourg, and for 1957-58, Norway.

<sup>c</sup> Including products obtained from natural gasoline treated in refineries.

<sup>d</sup> Data for the Sino-Soviet Bloc include production of gasoline from indigenous and imported natural crude oil and from synthetic sources.

<sup>e</sup> Excluding relatively small yields of synthetic stocks.

<sup>f</sup> Estimated plan for 1965.

<sup>g</sup> Including alcohol and benzol blended with gasoline.

<sup>h</sup> Including jet fuel.

<sup>i</sup> Including substitute fuels.

<sup>j</sup> Exports.

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Table 26  
Production of Kerosine and Jet Fuel<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	17,400*	28,600*	31,400*	28,800*	N.A.*	N.A.*	
US	15,391*	22,569*	24,665*	22,370*	23,855*	26,441*	
Sino-Soviet Bloc <sup>c</sup>	8,230	13,100	13,800	14,700	15,300	16,900	
USSR <sup>d</sup>	7,300	11,300	12,000	12,700	13,200	14,600	23,700 <sup>e</sup>
Communist China	12	112	143	188	228	350	
European Satellites	915	1,650	1,700	1,770	1,860	1,920	
Albania	<i>Negl.</i>	2	4	13	15*	15	
Bulgaria	0*	0*	<i>Negl.</i> *	5*	<i>Negl.</i> *	<i>Negl.</i>	
Czechoslovakia	50*	85*	97*	110*	112*	120	
East Germany	10	110	130	145	150	160	
Hungary	80*	60*	60*	50*	50*	40	
Poland	40*	30*	20*	5*	8*	10	
Rumania	735*	1,360*	1,390*	1,440*	1,530*	1,570	

## NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium <sup>f</sup>	181*	170*	Italy	1,135*	1,018*	UK	883*	853*
Canada	2,463*	2,350*	Netherlands	741*	900*	West Germany	212*	102*
France	972*	839*	Portugal	193*	209*			

## Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Bahrein	1,129*	949*	Mexico <sup>g</sup>	982*	1,034*	Saudi Arabia	775*	902*
Indonesia	1,658*	1,675*	Netherlands			Venezuela	1,109*	1,139*
Japan	738*	987*	Antilles <sup>h</sup>	3,065*	3,185*	Yugoslavia <sup>i</sup>	29*	36*

<sup>a</sup> Unless otherwise indicated, data refer to kerosine and jet fuel.

<sup>b</sup> Excluding Denmark, Greece, Iceland, Luxembourg, Norway, and Turkey.

<sup>c</sup> Data for the Sino-Soviet Bloc include production of kerosine from indigenous and imported natural crude oil and from synthetic sources.

<sup>d</sup> Excluding relatively small yields of synthetic stock but including ligroine.

<sup>e</sup> Estimated plan for 1965.

<sup>f</sup> Excluding gasoline types of jet fuel.

<sup>g</sup> Kerosine only.

<sup>h</sup> Exports.

Table 27  
 Production of Diesel Fuel  
 1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	28,200*	58,200*	61,800*	61,300*	66,100*	N.A.*	
US <sup>b</sup>	14,034*	22,680*	24,234*	24,583*	26,127*	N.A.*	
Sino-Soviet Bloc <sup>c</sup>	5,080	14,200	17,700	23,300	29,400	32,300	
USSR <sup>d</sup>	3,600	10,900	14,200	19,200	24,700	27,000	43,000 <sup>e</sup>
Communist China	7	57	68	105	242	385	
European Satellites	1,470	3,270	3,450	4,020	4,440	4,880	
Albania	<i>Negl.</i>	7	9	38	50*	50	
Bulgaria	0*	5*	12*	14*	17*	20	
Czechoslovakia	150*	400*	490*	650*	810*	950	
East Germany	410	750	830	930	1,040	1,130	
Hungary	120*	350*	330*	460*	520*	640	
Poland	60*	130*	140*	170*	197*	205	
Rumania	730*	1,630*	1,640*	1,760*	1,810*	1,890	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	1,260*	1,590*	Italy	4,350*	4,670*	Turkey	10*	40*
Canada <sup>f</sup>	14,240*	13,370*	Netherlands	3,200*	3,360*	UK	5,140*	6,390*
France	5,210*	6,570*	Portugal	140*	160*	West Germany	3,200*	3,820*

Other Countries

Country	1957	1958	Country	1957	1958
Austria	650*	600*	Sweden	440*	460*

<sup>a</sup> Excluding Denmark, Greece, Iceland, Luxembourg, and Norway. Data refer to production of gas-diesel oil, except in the US and Canada (see footnotes for individual countries).

<sup>b</sup> Sales of diesel fuel oil on the basis of all categories of use.

<sup>c</sup> Data for the Sino-Soviet Bloc include production of diesel fuel from indigenous and imported natural crude oil and from synthetic sources.

<sup>d</sup> Total of light and heavy types, excluding relatively small yields of synthetic stocks.

<sup>e</sup> Estimated plan for 1965.

<sup>f</sup> Including gas-diesel oil and fuel oil.

Table 28  
 Production of Lubricating Oils <sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						1965 Plan
	1950	1955	1956	1957	1958	1959	
NATO <sup>b</sup>	8,940*	10,000*	10,800*	10,200*	N.A.*	N.A.*	
US	7,287*	7,864*	8,340*	7,848*	7,225*	7,903*	
Sino-Soviet Bloc <sup>c</sup>	2,070	3,380	4,130	5,000	5,480	5,940	7,600
USSR	1,700	2,700	3,400	4,200	4,600	5,000	
Communist China	5	31	33	37	81	120	
European Satellites	365	649	697	759	795	817	
Albania	<i>Negl.</i>	1	2	6	10*	10	
Bulgaria	5*	18*	15*	18*	20*	22	
Czechoslovakia	70*	100*	120*	130*	140*	150	
East Germany	100	150	170	175	180	180	
Hungary	30*	80*	80*	100*	90*	85	
Poland	30*	140*	150*	150*	145*	150	
Rumania	130*	160*	160*	180*	210*	220	

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	24*	29*	Greece	5*	9*	Norway	16*	15*
Canada	313*	320*	Italy	168*	146*	UK	789*	755*
France	592*	568*	Netherlands	142*	175*	West Germany	397*	352*

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Japan	403*	454*	Venezuela	169*	160*	Yugoslavia	32*	42*
Netherlands Antilles <sup>d</sup>	700*	612*						

<sup>a</sup> Unless otherwise indicated, data refer to lubricating oils made at refineries and in the lubricating oil industry and exclude solid lubricants.

<sup>b</sup> Excluding for all years, Denmark, Iceland, Luxembourg, Portugal, and Turkey, and for 1950, Greece and Norway.

<sup>c</sup> Data for the Sino-Soviet Bloc include production of lubricating oils from indigenous and imported natural crude oil and from synthetic sources.

<sup>d</sup> Exports.

Table 29  
 Production of Residual and Other Petroleum Products  
 1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	84,500*	107,000*	113,000*	118,000*	118,000*	N.A.*	
US	65,418*	64,666*	65,646*	63,947*	55,901*	53,523*	
Sino-Soviet Bloc <sup>b</sup>	16,100	29,000	31,900	35,800	39,400	45,400	
USSR <sup>c</sup>	13,600	22,300	25,000	28,600	31,700 <sup>d</sup>	37,100	82,700 <sup>d</sup>
Communist China	100	748	812	894	1,341	1,879	
European Satellites	2,400	5,990	6,050	6,290	6,320	6,450	
Albania	20 <sup>e</sup>	50	68	147	185*	190	
Bulgaria	0*	16*	32*	41*	43*	58	
Czechoslovakia	100*	100*	110*	110*	120*	150	
East Germany	320	420	490	650	580	590	
Hungary	90*	820*	680*	760*	930*	1,040	
Poland	50*	245*	240*	230*	210*	200	
Rumania	1,820*	4,340*	4,430*	4,350*	4,250*	4,220	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	2,070*	2,590*	Italy	9,620*	11,900*	Turkey	160*	170*
Canada <sup>f</sup>	14,240*	13,370*	Netherlands	6,260*	6,040*	UK <sup>g</sup>	10,610*	12,780*
France	8,630*	11,010*	Portugal	340*	360*	West Germany	2,280*	3,780*

Other Countries

Country	1956	1957	Country	1956	1957
Netherlands			Venezuela	19,061*	20,805*
Antilles <sup>h</sup>	25,153*	22,835*			

<sup>a</sup> Excluding for all years, Denmark, Greece, Iceland, Luxembourg, and Norway, and for 1950, Turkey. Unless otherwise indicated, data refer to residual fuel oils only.

<sup>b</sup> Data for the Sino-Soviet Bloc include production from indigenous and imported natural crude oil and from synthetic sources.

<sup>c</sup> Excluding relatively small yields of synthetic stocks.

<sup>d</sup> Yield of furnace mazut in 1958 was 30 million metric tons. Planned yields for 1965 include 67 million metric tons of furnace mazut and 11 million metric tons of fleet mazut.

<sup>e</sup> 1949.

<sup>f</sup> Including gas-diesel oil.

<sup>g</sup> Including substitute fuels.

<sup>h</sup> Exports.

Table 30  
Production of Iron Ore <sup>a</sup>  
1950, 1955-1959, and 1965 Plan

Country	Million Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	160*	208*	213*	228*	181*	181*	
US <sup>c</sup>	99.60*	104.65*	99.42*	107.86*	69.04*	59.99*	
Sino-Soviet Bloc <sup>d</sup>	46.4*	88.8*	102*	112*	178*	188	
USSR	39.70*	71.90*	78.10*	84.20*	88.80*	94.30*	150.00 to 160.00*
Communist China	2.35*	9.60*	15.48*	19.37*	80.00*	83.00*	
North Korea	0.74*	0.14*	0.54*	0.85*	1.24*	2.16*	
North Vietnam	0*	0*	N.A.	N.A.	0.12	0.12	
European Satellites	3.60*	7.16*	7.55*	7.53*	7.98*	8.45	
Albania <sup>e</sup>	0*	0*	0*	0*	0.09*	0.18*	
Bulgaria	0.05*	0.11*	0.24*	0.27*	0.30*	0.38*	1.20*
Czechoslovakia	1.60*	2.49*	2.54*	2.81*	2.80*	2.97*	4.30*
East Germany	0.40*	1.66*	1.76*	1.48*	1.51*	1.45	
Hungary	0.37*	0.35*	0.35*	0.33*	0.37*	0.44*	0.68*
Poland	0.79*	1.90*	1.97*	1.99*	2.17*	1.98*	
Rumania	0.39*	0.64*	0.69*	0.64*	0.74*	1.06*	

## NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	0.12*	0.14*	Luxembourg	6.64*	6.50*	Turkey <sup>h</sup>	0.52*	0.47*
Canada <sup>i</sup>	14.27*	22.18*	Norway <sup>j</sup>	1.60*	1.70*	UK	14.87*	15.11*
France	59.46*	60.90*	Portugal	0.23*	0.24*	West Germany	12.64*	12.97*
Italy	1.29*	1.24*						

## Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Austria	3.41*	3.38*	Japan	2.09*	2.48*	Sweden	18.40*	18.29*
India	6.13*	7.80*	Spain	4.91*	N.A.*	Venezuela	15.48*	N.A.*

<sup>a</sup> Unless otherwise indicated, data refer to the gross amount of marketable iron ores in the state in which they leave the mines, including manganese ores but excluding pyrites.

<sup>b</sup> Excluding for all years, Denmark, Greece, Iceland, and the Netherlands, and for 1950, Portugal. Metal content of ore in the NATO countries and other Free World countries is as follows: Austria, Luxembourg, the UK, and West Germany, 30 percent; Belgium and France, 35 percent; Italy, Portugal, Spain and the US, 50 percent; Canada and Japan, 55 percent; Sweden, 60 percent; and India, Norway, Turkey and Venezuela, 65 percent.

<sup>c</sup> Excluding manganese iron ore containing 5 percent or more of manganese.

<sup>d</sup> Metal content of ore in selected Sino-Soviet Bloc countries is as follows: USSR, commercial grade; North Korea, 50 percent; Bulgaria, 49 percent; Czechoslovakia, 34 percent; East Germany, 26 to 28 percent; Hungary, 28 percent; Poland, 35 percent; and Rumania, 40 percent.

<sup>e</sup> Iron-nickel ore that is mined for its nickel content.

<sup>f</sup> Shipments.

<sup>g</sup> Including ferro-titanium (10 percent of the total in 1958).

<sup>h</sup> Production of state-owned mines only (57 percent of the total in 1958).



Table 31  
Production of Manganese Ore \*  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	175*	396*	430*	457*	392*	N.A.*	
US <sup>c</sup>	122*	261*	313*	332*	293*	N.A.*	
Sino-Soviet Bloc	3,810*	5,780	5,970	6,290	6,460	6,900	
USSR	3,377*	4,743*	4,938*	5,148*	5,366*	5,500	6,875*
Communist China	88*	196	400	469	534*	870*	
European Satellites	347*	843*	628*	672*	558	530	
Bulgaria	8*	63*	77*	81*	28*	N.A.	
Czechoslovakia	168*	260*	201*	164*	165*	165	
Hungary	79*	130*	115*	162*	165	165	
Rumania	93*	390*	235*	265*	200*	200	

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Greece	16*	20*	Portugal	5*	5*	Turkey	57*	30*
Italy	47*	43*						

Other Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgian Congo	367*	331*	Ghana <sup>d</sup>	652*	521*	Southern		
Brazil <sup>d</sup>	918*	695*	India	1,681*	1,250*	Morocco	492*	410*
Cuba <sup>d</sup>	134*	69*	Japan	289*	276*	Union of		
						South Africa	715*	847*

\* Metal content of the ore of the various countries is as follows: the US, more than 35 percent; other Free World countries, 30 to 50 percent; the USSR, 45 percent; Communist China, more than 35 percent; Bulgaria (1950 and 1955) and Rumania, 30 percent; Czechoslovakia, less than 30 percent; and Bulgaria (1956-58) and Hungary, less than 27 percent.

<sup>b</sup> Including Greece, Italy, Portugal, Turkey, and the US.

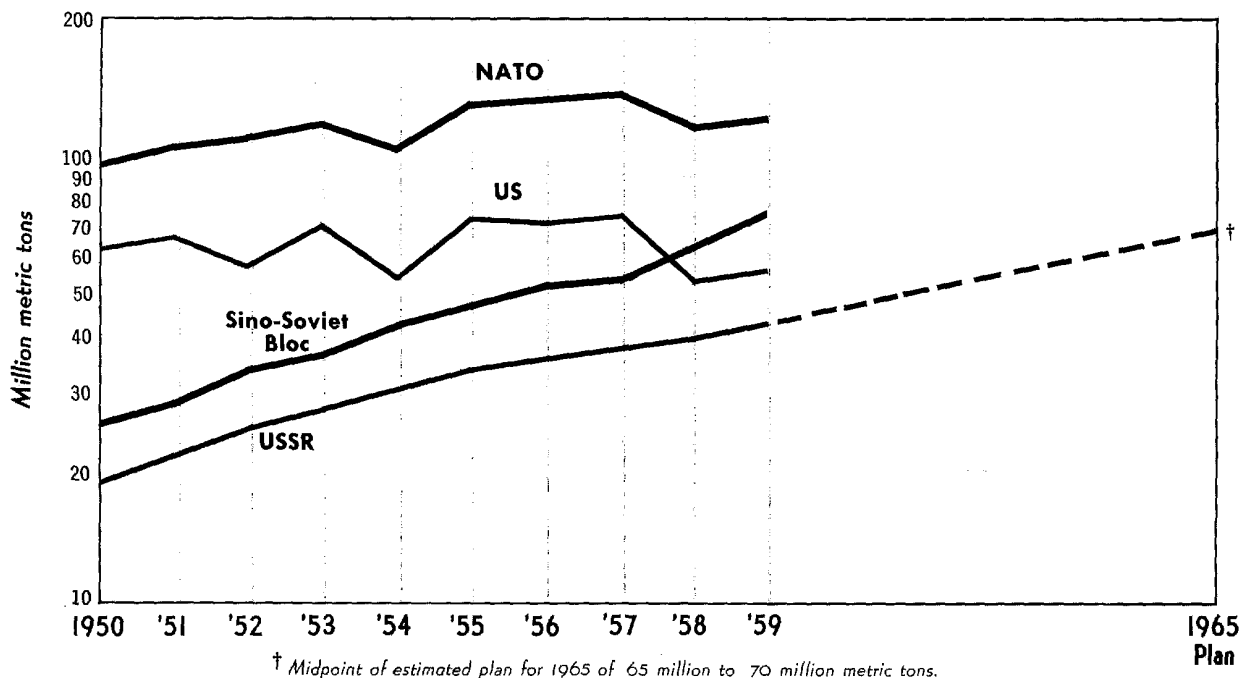
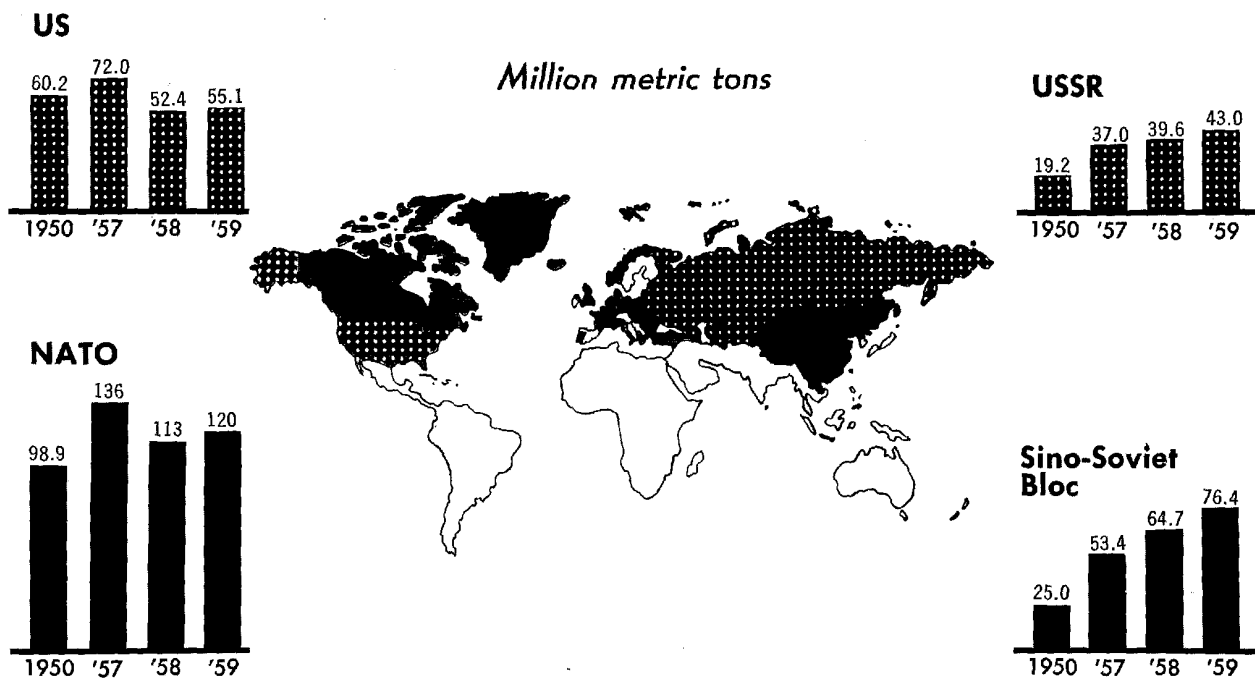
<sup>c</sup> Shipments.

<sup>d</sup> Exports.

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Figure 6

**COMPARISON OF PRODUCTION OF PIG IRON IN SELECTED AREAS  
SELECTED YEARS, 1950-59, AND 1965 PLAN**



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Table 32  
Production of Pig Iron<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	98,900*	130,000*	132,000*	136,000*	113,000*	120,000*	
US <sup>c</sup>	60,211*	71,906*	70,461*	71,976*	52,416*	55,098*	
Sino-Soviet Bloc <sup>d</sup>	25,000	46,100*	50,300*	53,400*	64,700*	76,400	
USSR	19,200*	33,300*	35,800*	37,000*	39,600*	43,000*	65,000 to 70,000*
Communist China	978*	3,872*	4,826*	5,940*	13,690* <sup>d</sup>	20,500* <sup>e</sup>	
North Korea	190	112*	187*	270*	320*	585*	4,000*
European Satellites	4,610*	8,860*	9,470*	10,200*	11,000*	12,300	
Bulgaria	3* <sup>f</sup>	7* <sup>f</sup>	9* <sup>f</sup>	56*	84*	117*	700*
Czechoslovakia	1,951*	2,982*	3,282*	3,563*	3,774*	4,245*	7,650*
East Germany	337*	1,517*	1,574*	1,663*	1,775*	1,898*	2,150*
Hungary	461*	868*	755*	823*	1,082*	1,085	1,600*
Poland	1,533*	2,920* <sup>g</sup>	3,263* <sup>g</sup>	3,430* <sup>g</sup>	3,592* <sup>g</sup>	4,080* <sup>g</sup>	6,620* <sup>g</sup>
Rumania	320*	570*	583*	686*	737*	846*	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	5,520*	5,940*	Italy	2,172*	2,196*	Saar	3,084*	3,204*
Canada	2,880*	3,912*	Luxembourg	3,288*	3,444*	Turkey	230*	235*
Denmark	44*	58*	Netherlands	913*	1,140*	UK	13,188*	12,780*
France	12,144*	12,648*	Norway	522*	610*	West Germany	16,752*	18,516*

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Australia	2,316*	2,328*	Japan	7,692*	9,840*	Union of		
India	2,148*	N.A.*	Sweden	1,324*	1,404*	South Africa	1,584*	1,812*
						Yugoslavia	780*	904*

<sup>a</sup> Unless otherwise indicated, data refer to the total production of pig iron and ferroalloys, including ferroalloys obtained in electric furnaces.

<sup>b</sup> Excluding Greece, Iceland, and Portugal.

<sup>c</sup> Excluding production in electric furnaces.

<sup>d</sup> Including 4.16 million metric tons of "native iron."

<sup>e</sup> Including 9.6 million metric tons of pig iron made in "small modern blast furnaces," of which 5.9 million metric tons were usable for production of steel.

<sup>f</sup> Although the Bulgarian Yearbook lists these data as pig iron, the data probably refer to iron castings because there were no facilities for production of pig iron before 1957.

<sup>g</sup> Polish official data for production of pig iron were expressed in terms of OH pig iron, which increased actual production. These inflated figures were converted into actual production of pig iron by the use of the following factors:

pig iron for OH steel	x 1.0
pig iron for foundry steel	x 1.5
spiegeleisen	x 2.5
ferromanganese	x 2.5

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Table 33  
Production of Crude Steel<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Million Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	140*	184*	188*	190*	160*	175*	
US	87.85*	106.17*	104.52*	102.25*	77.34*	84.77*	
Sino-Soviet Bloc	36.6	62.5	68.6	72.8	80.7	93.1	
USSR	27.30*	45.30*	48.60*	51.00*	54.90*	59.90*	86.0 to 91.0*
Communist China	0.60*	2.85*	4.46*	5.35*	8.00* <sup>c</sup>	13.35* <sup>d</sup>	
North Korea	0.14	0.14*	0.19	0.28*	0.36*	0.45*	3.0 to 3.5*
European Satellites	8.54	14.3	15.4	16.2	17.4	19.4	
Bulgaria	0.30	0.12	0.18	0.21	0.26	0.28	0.9
Czechoslovakia	3.12*	4.47*	4.88*	5.17*	5.51*	6.14*	10.5*
East Germany	1.27*	2.84*	3.11*	3.30*	3.46*	3.66*	5.2*
Hungary	1.05*	1.63*	1.42*	1.38*	1.63*	1.74	2.4*
Poland	2.52*	4.43*	5.01*	5.30*	5.63*	6.16*	9.0*
Rumania	0.56*	0.77*	0.78*	0.86*	0.93*	1.42*	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	6.01*	6.42*	Italy	6.28*	6.76*	Saar	3.48*	3.61*
Canada	3.96*	5.38*	Luxembourg	3.38*	3.66*	Turkey	0.16*	0.21*
Denmark	0.26*	0.29*	Netherlands	1.44*	1.67*	UK	19.88*	20.51*
France	14.60*	15.22*	Norway	0.37*	0.42*	West Germany	22.79*	25.82*

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Australia <sup>e</sup>	3.16*	3.19*	Japan	12.12*	16.63*	Union of		
India	1.85*	2.41*	Sweden	2.44*	2.84*	South Africa <sup>f</sup>	1.84*	1.90*
						Yugoslavia	1.12*	1.30*

<sup>a</sup> Unless otherwise indicated, data refer to the total production of ingots and steel for castings.

<sup>b</sup> Excluding Greece, Iceland, and Portugal.

<sup>c</sup> Excluding production from native furnaces.

<sup>d</sup> Including 4.72 million metric tons of steel made in small side-blown converters.

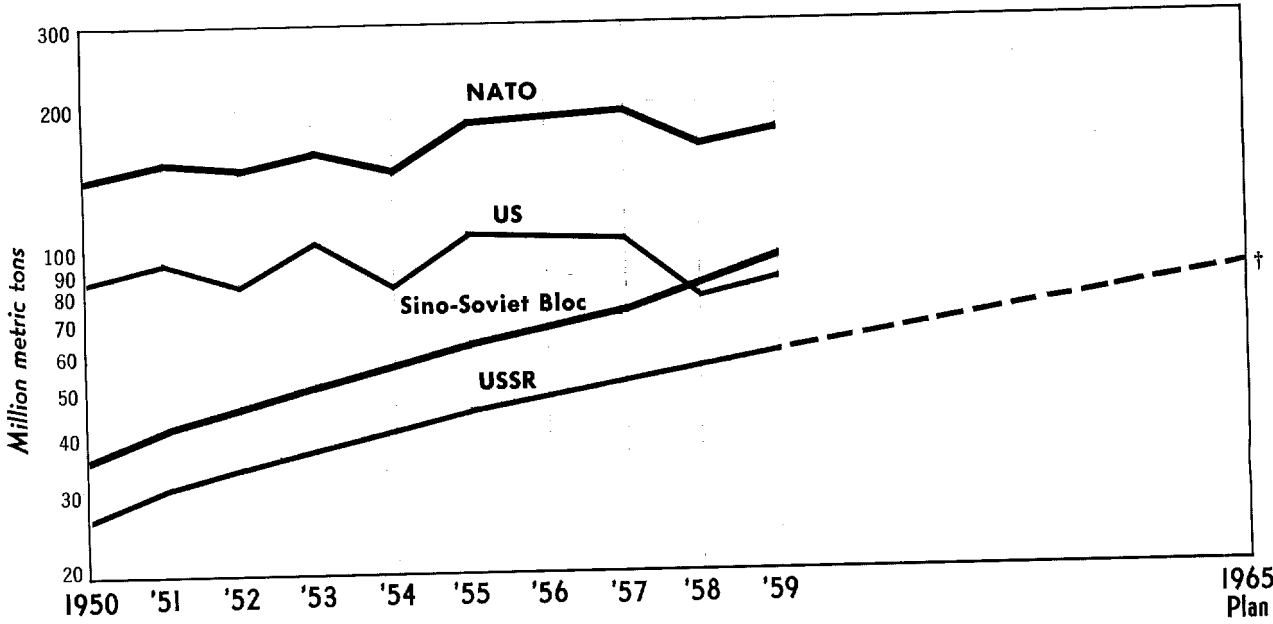
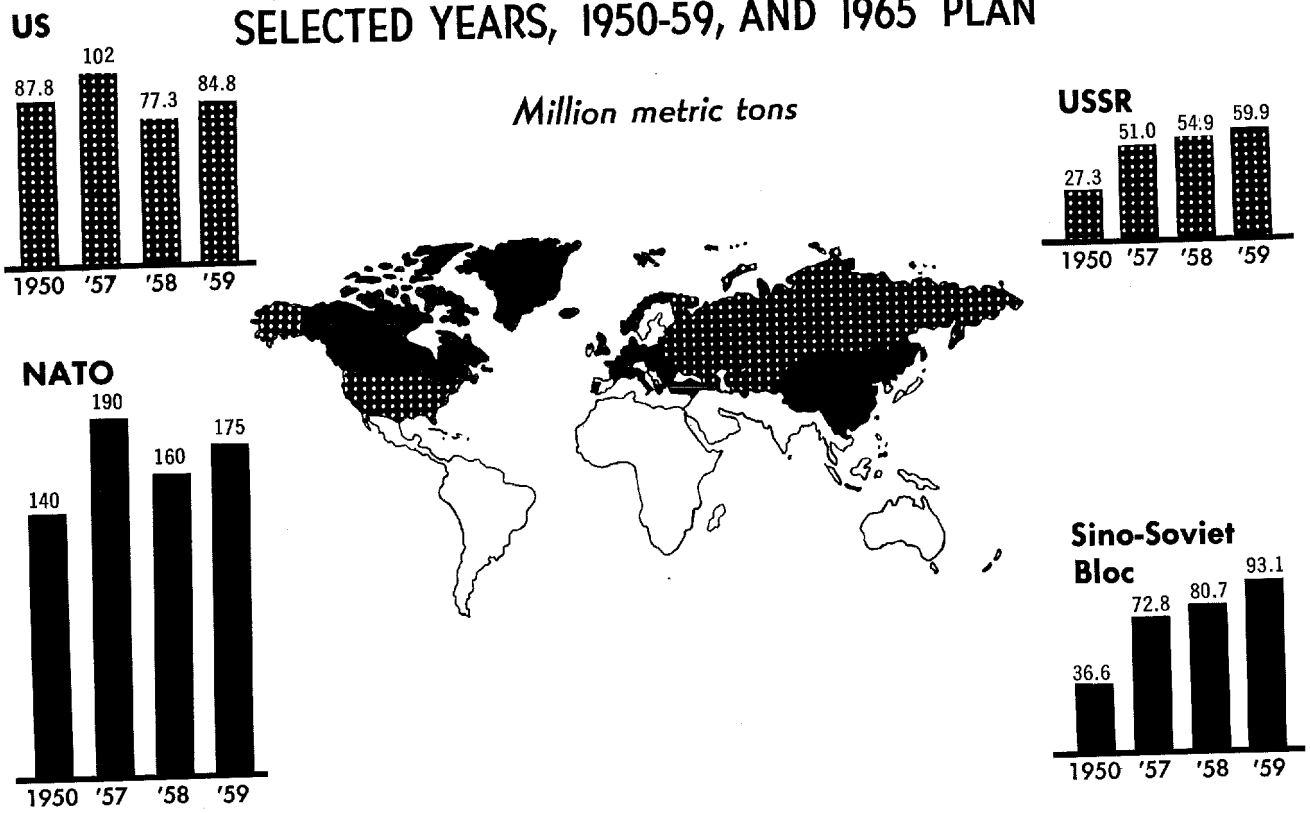
<sup>e</sup> Excluding castings.

<sup>f</sup> Including finished castings.

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## COMPARISON OF PRODUCTION OF CRUDE STEEL IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



† Midpoint of estimated plan for 1965 of 86 million to 91 million metric tons.

Table 34  
Production of Chrome <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	212*	376*	497*	546*	274*	N.A.*	
US <sup>c</sup>	0.2*	53.7*	77.6*	58.5*	52.7*	N.A.*	
Sino-Soviet Bloc <sup>d</sup>	368	406	374	416	461	555	
USSR	338.1	304.0	310.0	337.0	367.5	439.5	735 <sup>e</sup>
North Vietnam	0	0	1.2	0.8	2.8*	3.5* <sup>f</sup>	
European Satellites	30.0	102	62.8	78.6	90.6	112	
Albania	23.4*	54.9	59.8	75.6	90.6*	111.5*	
Bulgaria	3.0	3.0	3.0	3.0	N.A.	N.A.	
Rumania	3.6	44.1*	N.A.	N.A.	0	0	

## NATO Countries

Country	1957	1958	Country	1957	1958
Greece	17.8*	9.3* <sup>g</sup>	Turkey	470.0*	212.0*

<sup>a</sup> Data refer to the estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of ores mined. In many instances, data are only of an approximate nature.

<sup>b</sup> Including Greece, Turkey, and the US.

<sup>c</sup> Shipments from mines.

<sup>d</sup> The following percentages were used to reduce the estimates of ores mined in the Sino-Soviet Bloc to show the chromic oxide content: USSR, a part at 35 percent and the remainder at 40 percent; North Vietnam, at 50 percent; Albania and Rumania, at 45 percent; and Bulgaria, at 30 percent.

<sup>e</sup> Estimated production for 1965.

<sup>f</sup> Plan.

<sup>g</sup> Exports.

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Table 35  
Production of Tungsten Ore<sup>a</sup>  
1950 and 1955-59

Country	Metric Tons					
	1950	1955	1956	1957	1958	1959
NATO <sup>b</sup>	7,620*	22,500*	21,400*	11,800*	6,900*	N.A.*
US <sup>c</sup>	4,373*	14,889*	13,369*	5,008*	3,436*	N.A.*
Sino-Soviet Bloc	17,400	29,200	33,500	42,200	43,100	47,700
USSR	4,500	7,500	8,400	9,200	10,000	11,000
Communist China	11,600*	20,000	23,200*	30,000	30,000*	33,000*
North Korea	1,284*	1,527*	1,606*	2,750	3,000*	3,600
European Satellites	0	167	249	234	149	149
East Germany	0	167 <sup>d</sup>	249	234	149	149

NATO Countries					
Country	1957	1958	Country	1957	1958
Canada	1,453*	522*	Italy	18*	10*
France	922*	1,020*	Portugal	4,315*	1,867*
			UK	50*	50*

Other Countries					
Country	1957	1958	Country	1957	1958
Australia	2,385*	1,452*	Brazil <sup>e</sup>	2,090*	2,355*
Belgian Congo	1,736*	1,345*	Burma <sup>f</sup>	2,606*	1,512*
Bolivia <sup>g</sup>	4,363*	3,508*	South Korea	4,155*	3,290*
			Spain	1,027*	923*
			Thailand	980*	658*

<sup>a</sup> Unless otherwise indicated, data refer to the estimated tonnage of tungsten trioxide (60-percent-  
WO<sub>3</sub> basis). Data are sometimes only rough estimates obtained by applying a fixed percentage to the  
figures for production of crude ore or concentrates.

<sup>b</sup> Including Canada, France, Italy, Portugal, the UK, and the US.

<sup>c</sup> Shipments.

<sup>d</sup> Plan.

<sup>e</sup> Exports.

<sup>f</sup> Including WO<sub>3</sub> in tin-tungsten concentrates.

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MINERALS AND METALS

Table 36  
Production of Nickel <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country							Metric Tons
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	113,000*	162,000*	168,000*	180,000*	138,000*	N.A.*	
US <sup>c</sup>	828*	3,454*	6,098*	9,135*	10,650*	N.A.*	
Sino-Soviet Bloc	33,900	46,100	49,200	54,200	59,600	65,200	
USSR	33,400	46,000	49,000	54,000	59,400	65,000	115,000 <sup>d</sup>
North Korea	29	0	0	0	0	N.A.	
European Satellites	448	130	200	168	178	180*	
East Germany	92	130	200	168	178	180*	2,400 <sup>d</sup>
Poland	356	0*	0*	0*	0*	0*	

NATO Countries

Country	1957	1958
Canada <sup>e</sup>	170,513*	127,775*

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Cuba <sup>f</sup>	20,180*	17,946*	New Caledonia <sup>g</sup>	29,937*	11,800*	Union of South Africa <sup>h</sup>	4,139*	3,447*

<sup>a</sup> Unless otherwise indicated, data refer to production of refined metal obtained from ores and concentrates or from scrap and old material. Metal recovered by mere fusion (without refining) from scrap or old material is excluded.

<sup>b</sup> Including Canada and the US.

<sup>c</sup> Byproduct in electrolytic refining of copper.

<sup>d</sup> Estimated production for 1965.

<sup>e</sup> Comprised of refined nickel and nickel in oxide produced and nickel in matte recovered.

<sup>f</sup> Nickel content of oxide.

<sup>g</sup> Nickel in matte and ferronickel plus estimated recoverable nickel in ore exported.

<sup>h</sup> Nickel content of matte and refined nickel.

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Table 37  
Production of Molybdenum<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	13,000*	28,600*	26,600*	28,100*	19,100*	N.A.*	
US	12,918*	28,023*	26,064*	27,557*	18,629*	N.A.*	
Sino-Soviet Bloc	2,080	4,170	4,860	5,470	8,010	8,360	
USSR	1,900	2,820	3,240	3,720	4,050	4,400	9,000 <sup>c</sup>
Communist China	125	1,250	1,500	1,600	3,800	3,800	
North Korea	50	100	125	150*	160*	160*	

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada	356*	257*	Norway	180*	218*	Portugal	8*	8*

Other Countries					
Country	1957	1958	Country	1957	1958
Chile	1,360*	1,348*	Japan	272*	310*

<sup>a</sup> Data refer to the molybdenum (Mo) content of ores mined.

<sup>b</sup> Including for all years, Canada, Norway, and the US, and for 1955-58, Portugal.

<sup>c</sup> Estimated production for 1965.

Table 38  
Production of Cobalt<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	632*	2,690*	3,230*	3,660*	3,340*	N.A.*	
US	367*	1,183*	1,631*	1,877*	2,194*	N.A.*	
Sino-Soviet Bloc <sup>c</sup>	465	935	1,020	1,100	1,200	1,400	
USSR	465	935	1,020	1,100	1,200	1,400	3,600 <sup>d</sup>

NATO Countries			
Country	1957	1958	
Canada <sup>e</sup>	1,779*	1,144*	

Other Countries					
Country	1957	1958	Country	1957	1958
Belgian Congo	8,115*	6,497*	Morocco <sup>f</sup>	500*	1,000*
			Northern Rhodesia <sup>g</sup>	1,436*	1,971*

<sup>a</sup> Unless otherwise indicated, data refer to the cobalt (Co) content of ores mined.

<sup>b</sup> Including Canada and the US.

<sup>c</sup> Bulgaria began production of cobalt concentrates in 1956, but quantities are not known.

<sup>d</sup> Estimated production for 1965.

<sup>e</sup> Metal, salts, and oxide recovered from smelter products plus cobalt contained in cobalt ore and residues exported.

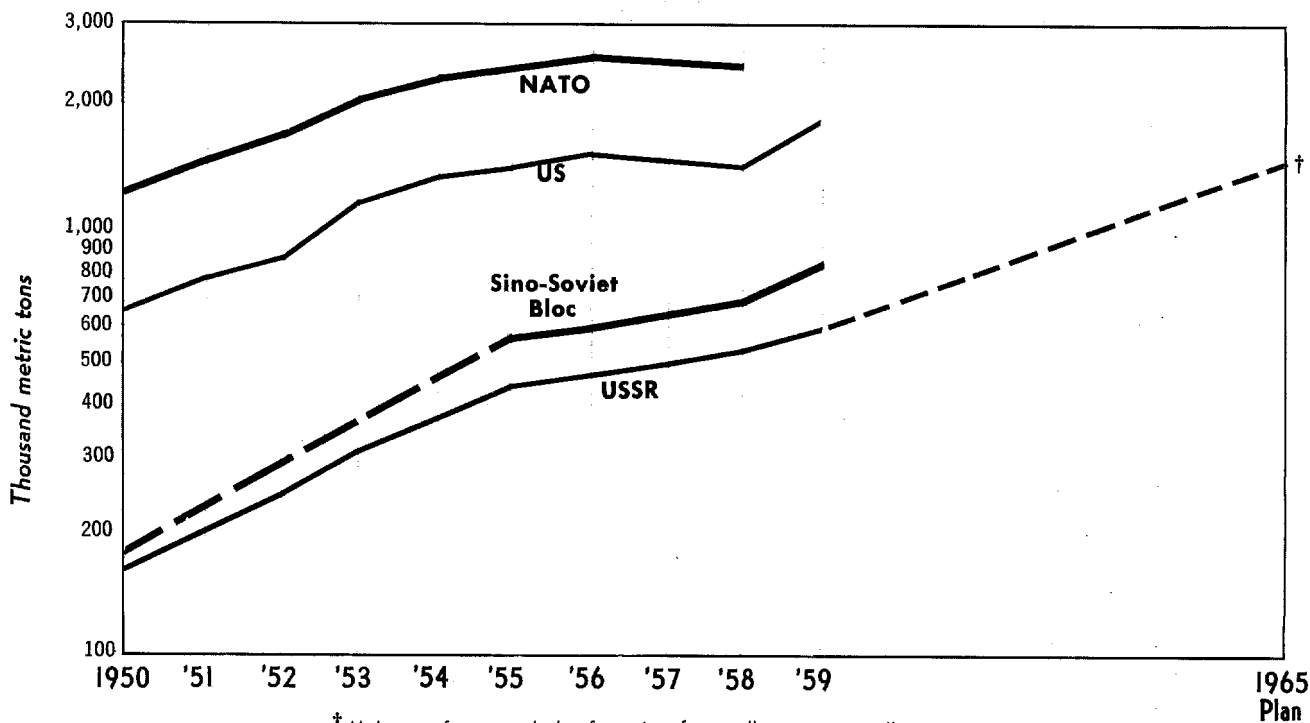
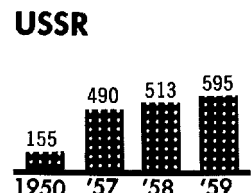
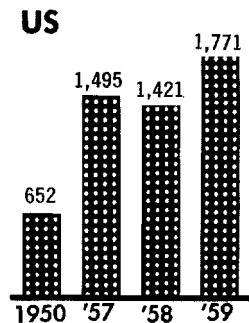
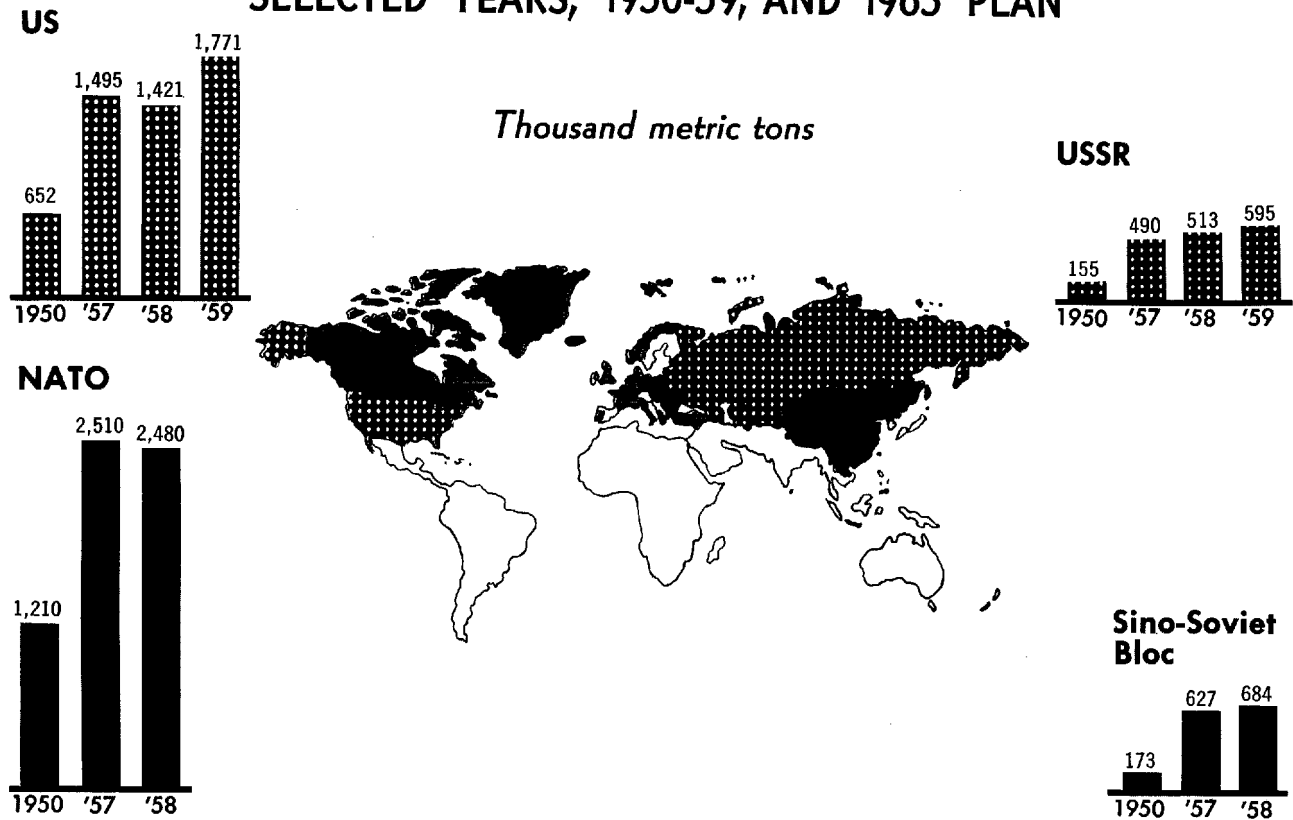
<sup>f</sup> Cobalt content of cobalt alloys.

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Approved For Release 1999/09/08 : CIA-RDP79S01046A000700140001-9

# COMPARISON OF PRODUCTION OF PRIMARY ALUMINUM IN SELECTED AREAS

## SELECTED YEARS, 1950-59, AND 1965 PLAN



† Midpoint of estimated plan for 1965 of 1.4 million to 1.5 million metric tons.

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Table 39  
Production of Primary Aluminum<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	1,210*	2,400*	2,570*	2,510*	2,480*	N.A.*	
US	651.9*	1,420.4*	1,523.1*	1,495.2*	1,420.8*	1,771.2*	
Sino-Soviet Bloc	173	553	597	627	684	810	
USSR	155.3	434.8	469.6	490.3	513.0	595.0 <sup>c</sup>	1,400 to 1,500 <sup>d</sup>
Communist China	0	10.0	15.0	39.0*	49.0*	70.0*	180
European Satellites	17.5	109	112	98.1	122	145	
Czechoslovakia	0*	24.4*	21.2*	16.7*	26.4*	41.0	
East Germany	0.8	26.8	34.3	35.0	34.0	35.3	
Hungary	16.7*	37.0*	34.8*	26.0*	39.5*	45.7*	55*
Poland	0	20.4*	21.8*	20.4*	22.4*	22.8*	75*

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada	544.8*	N.A.*	Italy	64.1*	75.0*	UK <sup>e</sup>	26.8*	24.8*
France	169.1*	173.0*	Norway	121.6*	144.8*	West Germany	136.8*	151.2*

<sup>a</sup> Unless otherwise indicated, data refer to production of primary (virgin) aluminum from domestic and imported ores.

<sup>b</sup> Including Canada, France, Italy, Norway, the UK, the US, and West Germany.

<sup>c</sup> Midpoint of estimated production of 590,000 to 600,000 metric tons.

<sup>d</sup> Estimated plan for 1965.

<sup>e</sup> Including the pure content of virgin alloys.

Table 40  
Production of Bauxite  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	2,400*	4,140*	4,220*	4,220*	4,250*	N.A.*	
US	1,356*	1,817*	1,772*	1,439*	1,332*	N.A.*	
Sino-Soviet Bloc	1,740	4,100	4,050	4,390	4,490	5,130	
USSR	1,156	2,694	2,902	3,096	3,000	3,500	
Communist China <sup>b</sup>	0	110	190	320	360	590	1,300 <sup>c</sup>
European Satellites	588	1,300	962	978	1,130	1,040	
Hungary	578*	1,241*	892*	908*	1,053*	957*	
Rumania	10	60	70	70	80	80	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
France	1,684*	1,817*	Italy	261*	299*	West Germany	5*	5*
Greece	833*	800*						

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
British Guiana	2,237*	1,611*	Jamaica	4,718*	5,814*	Surinam	3,377*	2,988*

<sup>a</sup> Including France, Greece, Italy, the US, and West Germany.

<sup>b</sup> Consists almost entirely of aluminous shales and clays and hard diaspore rather than of the conventional bauxite used in the Free World.

<sup>c</sup> Estimated production for 1965.

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Table 41  
 Production of Refined Copper \*  
 1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	2,050*	2,410*	2,550*	2,500*	2,440*	2,290*	
US	1,276.1*	1,436.1*	1,545.7*	1,534.1*	1,450.2*	1,222.8*	
Sino-Soviet Bloc	295	463	476	487	521	561	
USSR	246.6	377.3	386.7	396.4	406.3	416.5	772.0
Communist China	5.3	15.0	14.0	14.0	35.0	56.0	
North Korea	1.6	1.8	2.4	3.2	8.7	10.0	
European Satellites	41.0	69.1	73.0	73.1	70.6	78.5	
Albania <sup>c</sup>	0.9*	0.9*	0.6*	0.9*	1.0*	1.1* <sup>d</sup>	
Bulgaria <sup>e</sup>	0.1*	3.8*	4.6*	5.1*	6.1*	9.0	28.3*
Czechoslovakia	1.0	5.1	5.6	6.1	6.6	7.1	15.7*
East Germany	27.8	33.3	32.8	32.8	32.5	36.9*	
Hungary	N.A.	7.8*	6.1*	4.3*	3.0	3.0	
Poland	10.5*	15.7*	20.3*	19.9*	17.4*	17.4	28.0*
Rumania	0.7	2.5	3.0	4.0	4.0	4.0	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	155.2*	187.6*	Italy	14.7*	18.6*	Turkey	12.4*	6.7*
Canada	298.7*	330.6*	Netherlands	0.4*	0.4*	UK	196.3*	195.4*
Denmark	0.3*	0.4*	Norway	13.7*	15.0*	West Germany	268.2*	281.8*
France	23.8*	27.7*	Portugal	4.9*	4.9*			

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgian Congo	130.5*	N.A.*	Chile	187.8*	259.6*	Northern Rhodesia	245.4*	370.8*
			Japan	124.1*	194.0*			

\* Unless otherwise indicated, data refer to refined copper produced from domestic and foreign ores and scrap.

<sup>b</sup> Including for all years, Belgium, Canada, France, Italy, Norway, the UK, the US, and West Germany; for 1955-59, Denmark and Turkey; for 1956-59, the Netherlands; and for 1957-59, Portugal.

<sup>c</sup> Blister copper.

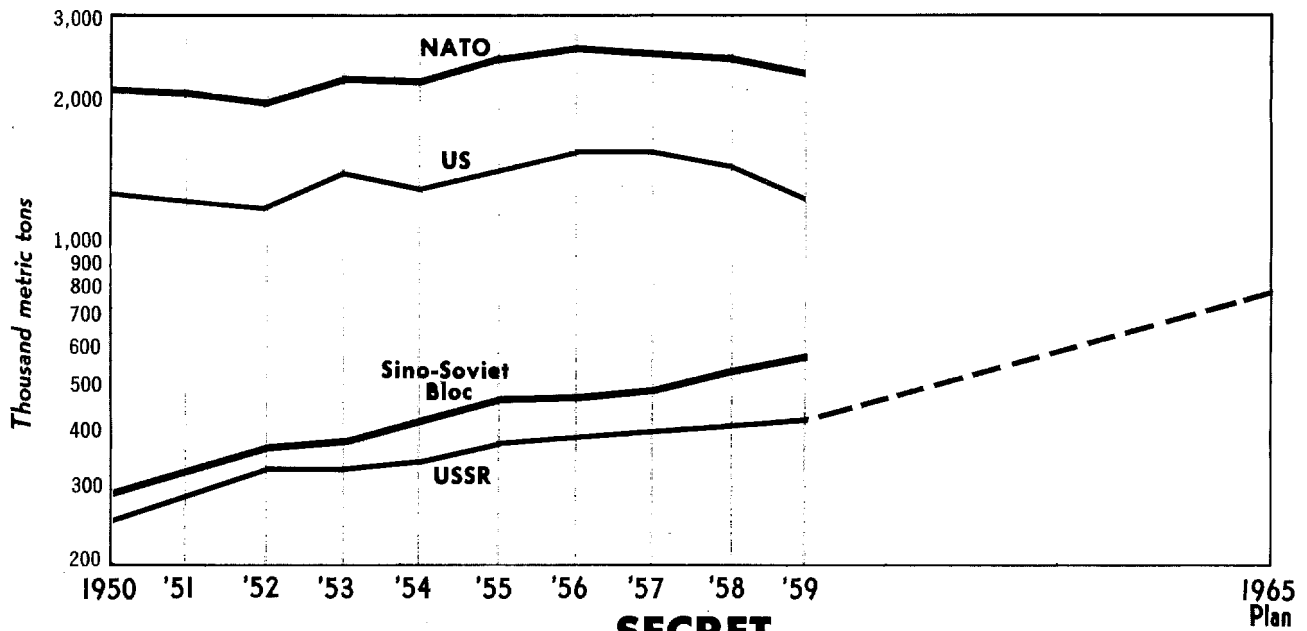
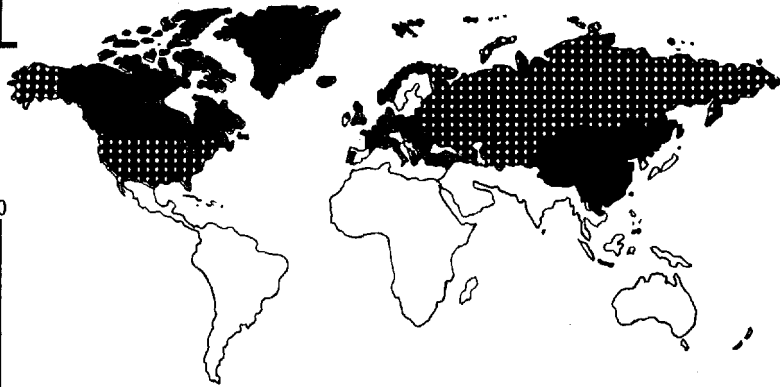
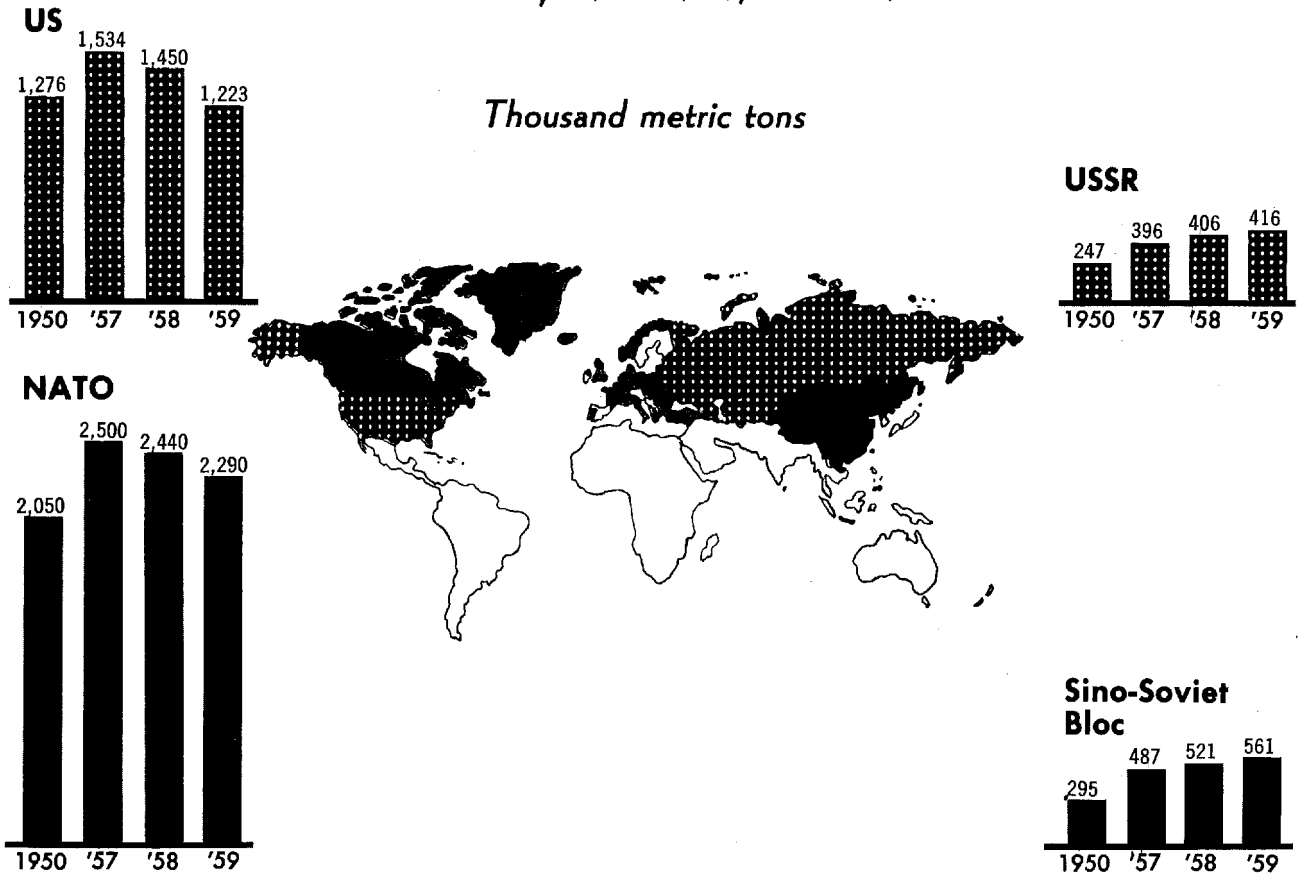
<sup>d</sup> Plan.

<sup>e</sup> For 1950 and 1955-58, blister copper. The estimate for 1959 is for production of electrolytic refined copper.

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Figure 9

### COMPARISON OF PRODUCTION OF REFINED COPPER IN SELECTED AREAS SELECTED YEARS, 1950-1959, AND 1965 PLAN



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Table 42  
Production of Lead \*  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	1,070*	1,110*	1,240*	1,230*	1,140*	1,030*	
US	575.5*	510.4*	600.1*	583.3*	511.3*	396.2*	
Sino-Soviet Bloc	168	363	391	434	466	533	
USSR	112.0	258.0	269.0	277.0	288.0	294.0	430.0 <sup>c</sup>
Communist China	2.8	16.0	17.0	31.0	45.0	70.0	
North Korea	N.A.	7.3	15.0	17.0	18.7*	43.0	
European Satellites	53.4	81.8	90.5	108	114	126	
Bulgaria	2.8*	5.1*	6.0*	19.3*	26.1*	33.0*	93.0*
Czechoslovakia	7.6	10.0	11.0	12.0	13.0	14.0	17.5*
East Germany	12.2	21.4	23.5	24.5	22.5	23.3	
Hungary	N.A.	N.A.	1.5	1.5	1.5	1.5	
Poland	22.2*	34.2*	35.2*	35.7*	35.8*	38.7	52.0*
Rumania	8.6*	11.1*	13.3	15.5*	15.5	15.5	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium <sup>d</sup>	93.2*	87.9*	Greece	3.8*	3.5*	Portugal	1.4*	1.6*
Canada	120.6*	122.7*	Italy	57.4*	54.8*	Turkey	1.8*	1.8*
Denmark	10.1*	9.1*	Netherlands	8.3*	12.0*	UK <sup>e</sup>	81.5*	90.4*
France	93.1*	69.9*	Norway	1.2*	1.2*	West Germany	159.0*	174.4*

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Australia	248.6*	236.7*	Peru	64.1*	56.5*	Tunisia	25.1*	21.8*
Morocco	33.1*	28.5*	Spain	70.5*	67.8*	Yugoslavia	84.3*	75.9*

\* Unless otherwise indicated, data refer to production of refined lead from domestic and foreign ores and scrap.

<sup>b</sup> Excluding for all years, Iceland and Luxembourg, and for 1950, Denmark, Norway, and Turkey.

<sup>c</sup> Estimated plan for 1965.

<sup>d</sup> Including primary antimonial lead.

<sup>e</sup> Excluding production of refined lead from imported bullion.

Table 43  
Smelter Production of Tin Metal \*  
1950 and 1955-59

Country	Thousand Metric Tons					
	1950	1955	1956	1957	1958	1959
NATO <sup>b</sup>	93.8*	89.3*	85.2*	78.2*	66.6*	56.6*
US	32.7*	22.7*	17.9*	1.6*	5.3*	10.9*
Sino-Soviet Bloc	14.3	31.2	33.5	41.9	47.0	52.0
USSR	8.1	12.6	13.8	15.0	16.0	17.0
Communist China	6.0	18.0	19.0	26.0	30.0	34.0
North Vietnam	0	0	0	0.1	0.2	0.3
East Germany	0.2	0.6	0.7	0.8	0.8	0.7

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	8.9*	6.0*	Portugal	1.3*	1.2*	West Germany	0.7*	1.0*
Netherlands	17.4*	9.7*	UK <sup>c</sup>	33.1*	27.7*			

Other Countries

Country	1958	1959	Country	1958	1959
Japan	1.3*	1.4*	Malaya	46.1*	46.5*

\* Unless otherwise indicated, data refer to production of primary (virgin) metal and exclude tin derived from scrap or detinning.

<sup>b</sup> Including for all years, Belgium, the Netherlands, Portugal, the UK, the US, and West Germany, and for 1950 and 1955-57, Canada.

<sup>c</sup> Including some secondary tin metal.

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Table 44  
Production of Refined Zinc<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	1,490*	1,840*	1,960*	1,970*	1,740*	1,800*	
US <sup>c</sup>	765.2*	874.1*	957.7*	960.1*	751.0*	778.4*	
Sino-Soviet Bloc	234	409	452	490	554	614	
USSR	111.0	222.0	260.0	280.0	315.0	321.0	504 <sup>d</sup>
Communist China	2.7	13.0	15.0	19.0	29.0	50.0	
North Korea	3.8	0	0	4.8	18.1*	45.0	
European Satellites	117	174	177	186	192	198	
Bulgaria	0*	1.4*	5.8*	7.5*	8.2*	9.0*	55*
Czechoslovakia	N.A.	5.7	6.0	6.2	6.5	6.8	
East Germany <sup>e</sup>	Negl.	3.2	2.9	3.2	4.0	4.0	
Hungary	N.A.	N.A.	0.4	0.4	0.4	0.4	
Poland	113.6*	156.2*	153.3*	158.8*	162.6*	168.1*	215 to 230*
Rumania	3.0	7.4	8.7	10.1	10.1	10.1	

## NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	214.8*	222.6*	Italy	74.7*	79.4*	UK	75.8*	74.1*
Canada	228.7*	230.4*	Netherlands	26.6*	32.2*	West Germany	179.3*	187.9*
France	148.0*	144.8*	Norway	45.1*	48.1*			

<sup>a</sup> Data refer to production of refined metal from domestic and foreign ores and scrap.

<sup>b</sup> Excluding Denmark, Greece, Iceland, Luxembourg, Portugal, and Turkey.

<sup>c</sup> Including production of redistilled zinc by secondary smelters, which is about 30,000 metric tons per year.

<sup>d</sup> Estimated plan for 1965.

<sup>e</sup> Except for about 150 to 200 metric tons, annual production consists of zinc produced from scrap.

Table 45  
Production of Cadmium Metal<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	5.28*	6.93*	7.21*	7.29*	6.75*	6.73*	
US <sup>c</sup>	4.169*	4.424*	4.815*	4.786*	4.387*	3.826*	
Sino-Soviet Bloc	0.74	1.24	1.36	1.44	1.57	1.62	
USSR	0.360	0.730	0.850	0.920	1.030	1.060	
European Satellites	0.375	0.515	0.505	0.525	0.540	0.555	
Bulgaria	0	Negl.	N.A.	N.A.	N.A.	N.A.	0.2
Poland	0.375	0.515	0.505	0.525	0.540	0.555	

## NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	0.671*	0.671*	Italy	0.204*	0.230*	UK	0.126*	0.144*
Canada	0.742*	1.046*	Netherlands	0.016*	0.016*	West Germany	0.318*	0.419*
France	0.177*	0.246*	Norway	0.109*	0.129*			

<sup>a</sup> Data refer to production of refined metal from domestic and imported materials.

<sup>b</sup> Excluding for all years, Denmark, Greece, Iceland, Luxembourg, Portugal, and Turkey, and for 1950, the Netherlands.

<sup>c</sup> Excluding, except for 1950, cadmium compounds.

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Table 46  
Production of Mercury  
1950 and 1955-59

Country	34.5-Kilogram Flask					
	1950	1955	1956	1957	1958	1959
NATO <sup>a</sup> .....	57,900*	73,300*	87,200*	98,600*	97,700*	N.A.*
US .....	4,535*	18,955*	24,177*	34,625*	38,067*	N.A.*
Sino-Soviet Bloc .....	18,800	48,000	53,500	56,200	77,000	80,000
USSR .....	17,000	27,000	28,500	30,200	32,000	34,000
Communist China .....	1,000	20,000	24,000	25,000	44,000	45,000
European Satellites .....	755	1,000	1,000	1,000	1,000	1,000
Czechoslovakia .....	605	752	752	750	750	750
Rumania .....	150	250	250	250	250	250

NATO Countries

Country	1957	1958	Country	1957	1958
Italy .....	63,237*	58,712*	Turkey .....	720*	928*

<sup>a</sup> Including for all years, Italy and the US, and for 1955-58, Turkey.

Table 47  
Production of Primary Magnesium <sup>a</sup>  
1950 and 1955-59

Country	Thousand Metric Tons					
	1950	1955	1956	1957	1958	1959
NATO <sup>b</sup> .....	19.4*	79.2*	87.2*	99.0*	49.9*	N.A.*
US .....	14.27*	55.46*	62.00*	73.72*	27.30*	N.A.*
Sino-Soviet Bloc .....	5.00	14.2	16.2	17.6	17.9	21.1
USSR .....	5.00	13.50	15.90	17.10	17.90	21.00
European Satellites .....	0	0.74	0.34	0.45	0	0.10
East Germany .....	0	0.74	0.34	0.45	0	0
Hungary .....	0	0	0	0	0	0.10*

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada .....	7.61*	5.27*	Italy .....	3.78*	3.81*	UK .....	3.48*	2.36*
France .....	1.59*	1.74*	Norway .....	8.62*	9.28*	West Germany ...	0.24*	0.19*

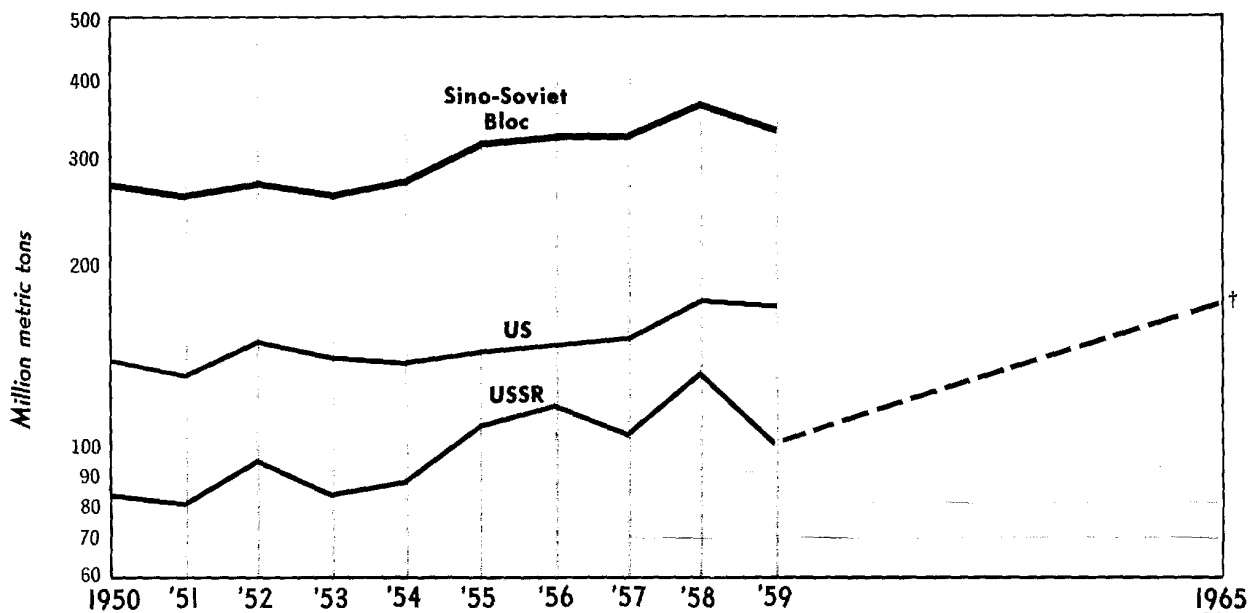
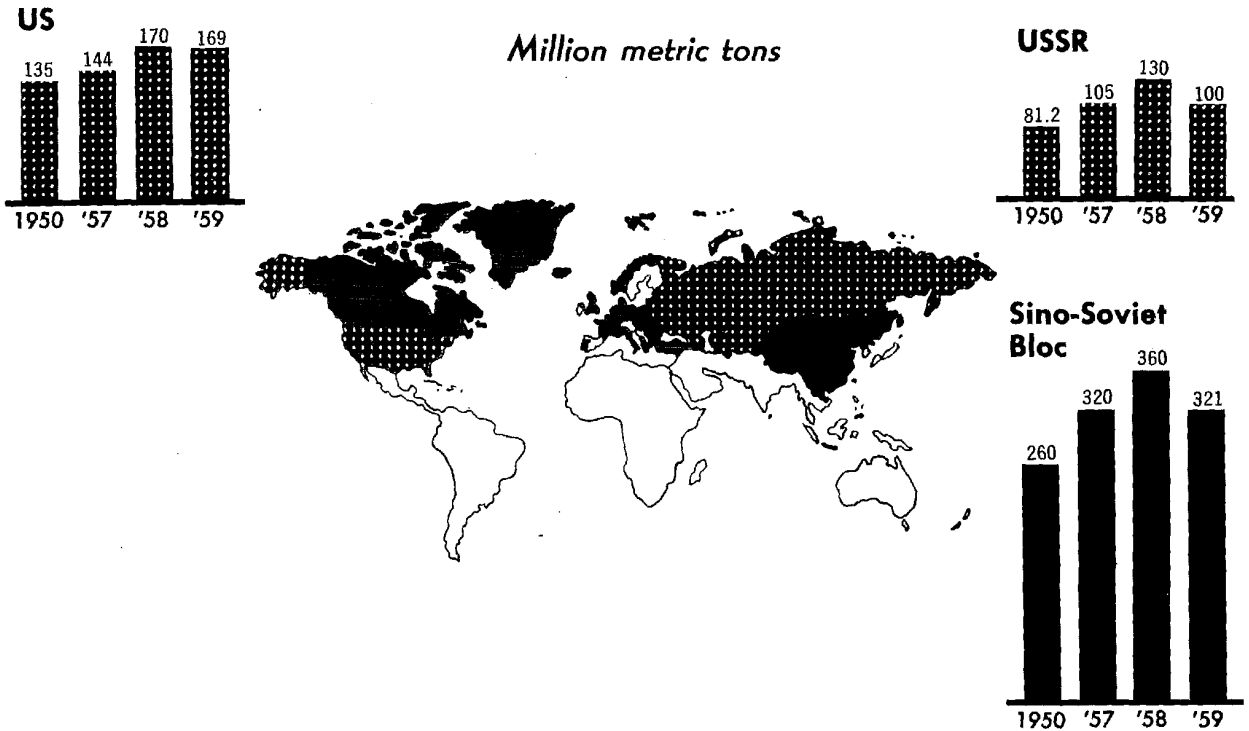
<sup>a</sup> Data refer to production of primary (virgin) magnesium (ingots and ingot equivalent of other forms).

<sup>b</sup> Including for all years, Canada, France, Italy, the UK, the US, and, except for 1950, Norway and West Germany.

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Figure 10

## COMPARISON OF PRODUCTION OF GRAIN IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



†Midpoint of estimated plan for 1965 of 164 million to 180 million metric tons.

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MINERALS AND METALS

Table 48  
Production of Sulfur <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	7,390*	8,600*	9,460*	8,630*	7,920*	N.A.*	
US	5,674.6*	6,309.5*	7,027.3*	6,111.0*	5,129.6*	N.A.*	
Sino-Soviet Bloc <sup>c</sup>	1,320	2,310	2,650	3,010	3,220	3,430	
USSR	870.0	1,499.0	1,685.0	1,780.0	1,872.0	1,912.0	4,143.0 <sup>d</sup>
Communist China	20.0	160.0	260.0	330.0	390.0	500.0	
North Korea	66.0 <sup>e</sup>	11.0	44.0	79.0	96.0	120.0	
European Satellites	365	642	657	818	858	898	
Albania	0.7	1.8	1.8	N.A.	N.A.	N.A.	
Bulgaria	6.0*	27.0*	30.0*	38.0*	35.0*	45.0	
Czechoslovakia	N.A.	N.A.	N.A.	148.0*	154.0*	142.0	
East Germany	273.5	426.1	437.7	444.2	451.4	453.0	
Hungary	4.8	7.2	7.2	7.6	7.6	8.0	
Poland	60.0	130.0	130.0	130.0	160.0	180.0	
Rumania	20.0	50.0	50.0	50.0	50.0	70.0	

## NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada <sup>f</sup>	467.4*	812.8*	Italy	864.4*	848.1*	Turkey	36.5*	52.4*
France	126.0*	165.6*	Norway	365.8*	340.4*	UK	1.0*	1.0*
Greece	106.5*	69.1*	Portugal	306.8*	275.3*	West Germany	240.8*	227.6*

<sup>a</sup> Unless otherwise indicated, sulfur from all sources, including mine production and sulfur recovered from pyrites.

<sup>b</sup> Excluding Belgium, Denmark, Iceland, Luxembourg, and the Netherlands.

<sup>c</sup> All sulfur produced in countries of the Sino-Soviet Bloc, with the exception of about 290,000 metric tons in 1959 (smaller quantities in previous years) of native sulfur in the USSR, is from such sources as pyrites, gypsum, waste gases, and kieserite.

<sup>d</sup> Estimated plan for 1965.

<sup>e</sup> Production for the first half of the year.

<sup>f</sup> Sales.

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Table 49  
Production of Grain in the US and the Sino-Soviet Bloc \*  
1950, 1955-59, and 1965 Plan

Country	Million Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
US .....	134.78*	141.32*	142.79*	143.84*	170.21*	168.84*	
Sino-Soviet Bloc .....	260	311	320	320	360	321	
USSR <sup>b</sup> .....	81.20	106.80	115.00	105.00	130.00	100.00	164.0 to 180.0*
Communist China <sup>b</sup> .....	138.00	155.90	160.70	163.10	182.00	167.00*	
North Korea <sup>c</sup> .....	2.49	2.21*	2.64	3.00	3.50	3.20*	
North Vietnam <sup>c</sup> .....	2.30	3.79*	4.38*	4.14*	4.77*	5.42*	
European Satellites .....	35.6	42.1	37.1	44.3	39.5	44.9	
Albania .....	0.25	0.34	0.32	0.39	0.28	0.30	
Bulgaria .....	2.79	3.53	3.00	3.92	3.29	3.34	
Czechoslovakia .....	4.73	5.10	5.42	5.18	4.83	5.56	
East Germany .....	5.63	5.19	4.72	4.66	5.50	4.80	
Hungary .....	5.50	6.62	5.31	7.00	5.66	7.23	
Poland .....	11.58	12.66	12.07	13.52	13.53	14.07	15.2*
Rumania .....	5.15	8.62	6.23	9.60	6.44	9.65	

\* Data for the US include barley, corn, oats, rice, rye, and wheat. In addition to these items, data for the Sino-Soviet Bloc include miscellaneous grains and other agricultural foods unless otherwise indicated. If sorghum were included in the US data, production in millions of metric tons would be as follows: 1950, 141; 1955, 147; 1956, 148; 1957, 158; 1958, 186; and 1959, 185.

<sup>b</sup> Including pulses and for Communist China, kaoliang.

<sup>c</sup> Corn and rice only.

Table 50  
Production of Breadgrains \* in the US and the Sino-Soviet Bloc  
1950 and 1955-59

Country	Million Metric Tons					
	1950	1955	1956	1957	1958	1959
US .....	28.28*	26.18*	27.69*	26.56*	40.63*	30.91*
Sino-Soviet Bloc .....	91.8	110	118	120	135	N.A.
USSR .....	49.10	64.30	72.00	73.10	84.00	69.00
Communist China <sup>b</sup> .....	21.00	23.00	24.80	23.60	29.00	N.A.
North Korea <sup>b</sup> .....	N.A.	0.10	0.09	0.08	N.A.	N.A.
European Satellites .....	21.7	22.4	20.7	23.6	22.2	23.8
Albania .....	0.09*	0.13*	0.11*	0.14*	0.10	0.11
Bulgaria .....	1.81	1.77	1.66	2.12	2.08	1.79
Czechoslovakia .....	2.58*	2.44*	2.59*	2.47*	2.28*	2.60*
East Germany .....	3.63*	3.01	2.76	2.84	3.26	2.95
Hungary .....	2.85*	2.68*	2.34*	2.45*	1.86*	2.35*
Poland .....	8.38*	9.14*	8.68*	9.76*	9.65*	10.56*
Rumania .....	2.40*	3.22*	2.57*	3.85*	3.04*	3.40

\* Unless otherwise indicated, only wheat and rye are included.

<sup>b</sup> Excluding rye.

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Table 51  
Production of Other Grains in the US and the Sino-Soviet Bloc<sup>a</sup>  
1950 and 1955-59

Country	Million Metric Tons					
	1950	1955	1956	1957	1958	1959
US	104.75*	112.60*	112.86*	115.33*	127.45*	135.52*
Sino-Soviet Bloc	100	118	114	107	117	N.A.
USSR	32.10	42.50	43.00	31.90	46.00	31.00
Communist China	53.00	54.90	53.40	52.70	54.00	N.A.
North Korea	1.20* <sup>b</sup>	0.87*	1.16*	1.45*	N.A.	N.A.
North Vietnam <sup>c</sup>	0.06	0.19*	0.25*	0.20*	0.20*	0.23*
European Satellites	13.8	19.5	16.2	20.5	17.2	21.1
Albania	0.15*	0.20*	0.20*	0.24*	0.18	0.19
Bulgaria	0.95	1.71	1.28	1.75	1.19	1.50
Czechoslovakia	2.14*	2.66*	2.83*	2.71*	2.55*	2.95*
East Germany	2.00	2.17	1.96	1.82	2.24	1.85
Hungary	2.60	3.91	2.88	4.49	3.78	4.87
Poland <sup>c</sup>	3.21*	3.53*	3.39*	3.77	3.88*	3.51*
Rumania	2.71*	5.36	3.62	5.71	3.37	6.19

<sup>a</sup> Data for Czechoslovakia, Poland, and the US include only barley, corn, and oats. Unless otherwise indicated, data for the other countries also include buckwheat, millet, mixed grains, and silage corn. In addition to grain, the USSR and Communist China include pulse and kaoliang.

<sup>b</sup> 1949.

<sup>c</sup> Corn only.

Table 52  
Production of Rice<sup>a</sup>  
1950 and 1955-59

Country	Thousand Metric Tons					
	1950	1955	1956	1957	1958 <sup>b</sup>	1959 <sup>b</sup>
NATO <sup>c</sup>	2,770*	3,830*	3,350*	3,090*	3,340*	3,600*
US	1,755*	2,536*	2,243*	1,948*	2,133*	2,409*
Sino-Soviet Bloc	67,600	83,000	88,200	92,400*	104,000	95,400
Communist China	64,000	78,000	82,500	86,800*	99,000	90,000
North Korea	1,250	1,242*	1,392*	1,459*	N.A.	N.A.
North Vietnam	2,238	3,604*	4,132*	3,947*	4,575*	5,194*
European Satellites	127*	133*	194*	186*	159	184
Albania	3*	10*	5*	7*	4	5
Bulgaria	38*	49*	56*	57*	45*	43
Hungary	50*	40*	96*	86*	73*	73
Rumania	36*	35*	36*	36*	37*	63

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
France	141*	135*	Italy	705*	680*	Turkey	138*	136*
Greece	67*	70*	Portugal	157*	173*			

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
India <sup>b</sup>	45,450*	46,266*	Japan	14,991*	15,422*	Pakistan <sup>b</sup>	12,740*	12,746*
Indonesia	12,156*	N.A.*						

<sup>a</sup> Rough or paddy rice. Data apply to the beginning of the crop year—for example, data for 1958 are equivalent to data for 1958/59.

<sup>b</sup> Estimated from planted acreage.

<sup>c</sup> Including France, Greece, Italy, Portugal, Turkey, and the US.

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Table 53  
 Production of Potatoes  
 1950, 1955-59, and 1965 Plan

Country	Million Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	79.8*	78.3*	88.9*	81.3*	78.2*	74.4*	
US	11.70*	11.53*	12.37*	12.16*	13.49*	12.33*	
Sino-Soviet Bloc	210	198	249	238	265	236	
USSR	88.60*	71.80*	96.00*	87.80*	86.50*	86.40	146
Communist China	60.00	75.60	87.20	87.60	120.00	92.00	
North Korea	N.A.	0.62*	0.95*	1.18*	0.80*	N.A.	
North Vietnam <sup>b</sup>	0.15	0.53*	1.10*	0.54*	0.54*	0.71*	
European Satellites	60.9	49.6	63.8	60.8	57.2	56.4	
Albania	0.03*	0.03*	0.02*	0.03*	0.02	0.02	
Bulgaria	0.15*	0.36*	0.21*	0.31*	0.25*	0.41*	
Czechoslovakia	8.16*	7.90*	9.64*	8.76*	6.59*	6.83*	
East Germany	13.10	9.69	11.73	11.51	10.80	10.00	
Hungary	1.35*	2.47*	2.06*	2.60	2.60*	2.60	
Poland	36.51*	27.02*	38.05*	35.10*	34.76*	34.02	44*
Rumania	1.60*	2.09	2.14	2.45	2.22	2.54	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium <sup>c</sup>	2.25*	1.69*	Greece	0.52*	0.54*	Portugal	1.22*	0.90*
Canada	2.05*	1.79*	Italy	4.10*	4.42*	UK	6.32*	7.16*
Denmark	1.74*	1.60*	Netherlands	4.25*	3.52*	West Germany	25.36*	24.84*
France	15.52*	14.40*	Norway	1.35*	1.24*			

<sup>a</sup> Excluding Iceland and Turkey.

<sup>b</sup> Sweet potatoes only.

<sup>c</sup> Including Luxembourg for all years except 1958.

Table 54  
Production of Ginned Cotton  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	2,330*	3,410*	3,100*	2,590*	2,760*	3,450*	
US	2,179.9*	3,205.2*	2,898.0*	2,387.2	2,506.5*	3,200.8*	
Sino-Soviet Bloc	1,890	2,820	2,870*	3,030	3,600*	3,710	
USSR	1,180.0*	1,290.0*	1,440.0*	1,400.0*	1,460.0*	1,560.0*	1,900 to 2,030*
Communist China	690.0*	1,500.0*	1,400.0*	1,600.0*	2,100.0*	2,100.0	
North Korea	N.A.	N.A.	2.0*	7.0	18.0	20.0* <sup>b</sup>	
North Vietnam	N.A.	1.0*	1.7*	1.9*	1.8*	2.0*	
European Satellites	22.0	31.3*	22.6*	25.8*	21.1*	23.3	
Albania	2.3*	4.1*	3.0*	5.3*	4.4*	4.9*	
Bulgaria	10.6*	20.4*	13.2*	16.3*	15.1*	16.8*	
Hungary	0.1	0.1*	Negl.*	0	0	0	
Rumania	9.0*	6.7*	6.4*	4.2*	1.6*	1.6	

NATO Countries								
Country	1958	1959	Country	1958	1959	Country	1958	1959
Greece	62.3*	57.9*	Italy	7.6*	7.2*	Turkey	179.6*	179.6*

Other Countries								
Country	1958	1959	Country	1958	1959	Country	1958	1959
Argentina	100.2*	N.A.*	Egypt	445.9*	454.8*	Mexico	510.6*	359.3*
Brazil	313.5*	359.3*	India	892.7*	827.4*	Pakistan	274.3*	293.9*

<sup>a</sup> Including Greece, Italy, Turkey, and the US. The stated year refers to the crop year beginning on 1 August. Conversion factor for Free World data: 1 bale of cotton equals 480 pounds (net weight).

<sup>b</sup> Plan.

Table 55  
Production of Wool <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	250*	296*	296*	300*	299*	311*	
US <sup>c</sup>	112.4*	138.2*	139.4*	132.7*	132.7*	140.6*	
Sino-Soviet Bloc	260	355	361	390	425	457	
USSR	180.0*	256.0*	261.0*	289.0*	322.0*	350.0*	548*
Communist China	34.0	36.1	36.8	37.5	38.2	39.0	
European Satellites	45.9	63.2	63.2	63.1	65.0	67.7	
Albania	2.2	2.6	2.6	2.6	2.3	2.3	
Bulgaria	13.8*	14.4*	15.0*	14.9*	16.5*	18.4*	
Czechoslovakia	1.4	2.9*	2.9	2.9	2.7	2.5	
East Germany	2.9	7.1*	6.9*	7.6*	8.0*	7.5	
Hungary	4.4*	5.7*	6.5*	6.7*	6.9	7.3	
Poland	4.4*	9.8*	9.8*	9.3*	9.0*	8.7	
Rumania	16.8	20.7*	19.5*	19.1*	19.6*	21.0	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada	3.4*	3.7*	Netherlands	1.7*	1.7*	Turkey	35.9*	37.0*
France	27.5*	29.0*	Norway	3.6*	3.6*	UK	52.9*	54.4*
Greece	10.9*	11.0*	Portugal	10.4*	10.2*	West Germany	5.3*	5.0*
Italy	14.5*	14.5*						

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Argentina	190.8*	197.0*	New Zealand	244.9*	258.5*	Uruguay	80.0*	72.0*
Australia	715.3*	766.6*	Union of South Africa	142.2*	145.1*			

<sup>a</sup> Data refer to production of raw wool (grease basis) from sheep and include both shorn and pulled wool together with the wool element of "wooled sheepskins."

<sup>b</sup> Excluding Belgium, Denmark, Iceland, and Luxembourg.

<sup>c</sup> "Pulled wool" converted to grease basis at the rate of 1.7 to 1.



Table 56  
Production of Vegetable Oils in the US and the Sino-Soviet Bloc <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
US .....	2,456.1*	3,096.7*	3,349.2*	3,461.3*	3,458.8*	3,363.1*	
Sino-Soviet Bloc .....	1,940	2,640	2,850	3,060	2,950	3,640	
USSR .....	819.0*	1,168.0*	1,525.0*	1,685.0*	1,446.0*	1,800.0*	
Communist China .....	847.0	1,165.0*	1,076.0*	1,100.0*	1,250.0*	1,460.0*	
North Korea .....	N.A.	N.A.	N.A.	10.0*	N.A.	30.0* <sup>b</sup>	
North Vietnam <sup>c</sup> .....	2.3	N.A.	N.A.	N.A.	N.A.	N.A.	
European Satellites .....	270	308	250	266	255	347	
Albania .....	1.5	3.6	2.0	4.2	3.8	3.6	
Bulgaria .....	29.4*	48.5*	54.7*	52.7*	68.6*	80.8*	
Czechoslovakia .....	13.0	12.0	12.1	11.8 <sup>d</sup>	13.1 <sup>d</sup>	16.8 <sup>d</sup>	
East Germany .....	57.2	72.2	60.1	62.5	48.0	52.0	
Hungary .....	54.5	50.7	39.9	42.1	29.5	34.5	
Poland .....	54.1	54.5	24.0	30.0	23.0	38.6	46.7
Rumania .....	60.0	66.8	56.8	63.1	68.9	120.5	

<sup>a</sup> Production of edible oils from indigenous raw materials. Data for the US include for all years, castor, coconut, corn, cottonseed, linseed, peanut, and soybean oils and, except for 1958-59, tung oil.

<sup>b</sup> Plan.

<sup>c</sup> Including peanut, cottonseed, sesame, and castor oils.

<sup>d</sup> Extracted from rape and mustard seed.

Table 57  
Number of Cattle \*  
1950, 1955-59, and 1965 Plan

Country	Million Head						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	152*	177*	178*	177*	176*	181*	
US	77.96*	96.59*	96.80*	94.50*	93.35*	96.85*	
Sino-Soviet Bloc	131	149	153	156	159*	165	
USSR	58.10*	56.70*	58.80*	61.40*	66.80*	70.80*	109.0*
Communist China <sup>c</sup>	48.20	66.00	66.60	67.00	64.90*	65.40*	
North Korea	0.97	N.A.	0.48*	0.57*	0.66*	0.71*	
North Vietnam <sup>d</sup>	N.A.	1.84*	1.99*	2.14*	2.38*	2.52*	
European Satellites	23.7	24.5*	25.2*	24.7	24.7*	25.2	
Albania <sup>d</sup>	0.43*	0.43*	0.42*	0.41*	0.42*	0.42	
Bulgaria	1.68*	1.61*	1.60*	1.53*	1.44*	1.36*	2.3*
Czechoslovakia	4.21*	4.04*	4.11*	4.13*	4.09*	4.18*	4.8*
East Germany	3.62*	3.76*	3.72*	3.74*	4.14*	4.46*	
Hungary	2.22*	2.13*	2.17*	1.97*	1.94*	2.00*	
Poland	7.20*	7.91*	8.35*	8.26*	8.21*	8.35*	10.5 to 11.0*
Rumania	4.38	4.63*	4.80*	4.64	4.47*	4.39*	

NATO Countries								
Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	2.41*	2.48*	Greece <sup>d</sup>	1.09*	1.12*	Turkey <sup>d</sup>	12.71*	13.09*
Canada <sup>e</sup>	10.29*	10.11*	Italy <sup>d</sup>	8.63*	9.00*	UK	10.82*	11.02*
Denmark <sup>f</sup>	3.15*	3.22*	Netherlands	2.87*	3.02*	West Germany	11.95*	12.07*
France	17.93*	18.40*	Norway	1.07*	1.06*			

Other Countries								
Country	1958	1959	Country	1958	1959	Country	1958	1959
Argentina	41.10*	N.A.*	Australia	16.90*	16.40*	Brazil	69.55*	72.00*
World Total	977.68*	991.94*						

\* Unless otherwise indicated, data refer to inventory at the beginning of the calendar years. Data for Communist China are as of midyear through 1956 and end of year for 1957-59.

<sup>b</sup> Excluding for all years, Iceland and Portugal, and for 1958-59, Luxembourg.

<sup>c</sup> Including buffaloes; end-of-year inventory.

<sup>d</sup> Including buffaloes.

<sup>e</sup> Excluding Newfoundland.

<sup>f</sup> Excluding Faroe Islands and Greenland.

Table 58  
Number of Hogs<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Million Head						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	95.4*	97.3* <sup>c</sup>	102*	97.9*	99.9*	108*	
US	58.85*	50.47*	55.17*	51.70*	50.98*	57.20*	
Sino-Soviet Bloc	115	158	159	196	N.A.	N.A.	
USSR	22.20*	30.90*	34.00*	40.80*	44.30*	48.70*	
Communist China	64.00*	87.90	84.00	114.00	N.A.	N.A.	
North Korea	0.93	0.70	0.71*	1.34*	1.46*	1.61*	
North Vietnam	0.14*	2.17*	2.50*	2.95*	3.97*	4.23*	
European Satellites	28.0	36.3*	37.7*	36.6	35.6*	37.2	
Albania	0.05*	0.09*	0.08*	0.10*	0.10*	0.10	5.00*
Bulgaria	1.04*	1.32*	1.41*	1.47*	1.99*	2.05*	5.51*
Czechoslovakia	4.22*	4.77*	5.28*	5.37*	5.44*	5.28*	
East Germany <sup>d</sup>	5.70*	9.03*	8.33*	8.25*	7.50*	8.28*	
Hungary	5.54*	5.82*	6.06*	5.00*	5.34*	6.22*	
Poland <sup>e</sup>	9.35*	10.89*	11.56*	12.32*	11.96*	11.21*	16.00 to 16.50*
Rumania	2.11	4.37*	4.95*	4.10	3.25*	4.01*	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	1.32*	1.35*	Greece	0.65*	0.66*	Norway	0.40*	0.36*
Canada <sup>f</sup>	5.16*	6.88*	Italy	3.30*	3.90*	UK	6.58*	6.71*
Denmark <sup>g</sup>	5.29*	5.56*	Netherlands	2.76*	2.55*	West Germany	15.43*	14.67*
France	8.06*	8.43*						

<sup>a</sup> Unless otherwise indicated, data refer to inventory at the beginning of the calendar year. Data for Communist China are as of midyear.

<sup>b</sup> Excluding for all years, Iceland, Portugal, and Turkey, and for 1958-59, Luxembourg.

<sup>c</sup> Including some official statistics that may underestimate the actual inventory.

<sup>d</sup> As of 3 December.

<sup>e</sup> As of 30 June.

<sup>f</sup> Excluding Newfoundland.

<sup>g</sup> Excluding Faroe Islands and Greenland.

Table 59  
 Number of Sheep in the US and the Sino-Soviet Bloc<sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Million Head						
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>b</sup>	26.18*	27.14*	27.01*	26.54*	27.33*	28.36*	
Sino-Soviet Bloc	169	227	238*	248	268	282*	
USSR <sup>c</sup>	93.60*	113.00*	116.20*	119.80*	130.10*	139.20*	
Communist China <sup>e</sup>	48.80	84.20	91.60*	98.60	108.90	112.50*	
North Korea <sup>e</sup>	0.01	N.A.	0.09*	0.12*	0.15*	0.18*	
European Satellites	26.6	29.3*	29.6*	29.1	28.7	29.8*	
Albania	1.71*	1.73*	1.63*	1.61*	1.66	1.65*	
Bulgaria	8.85*	7.80*	7.83*	7.60*	7.74*	8.62*	13.5*
Czechoslovakia	0.53*	1.02*	1.00*	0.96*	0.89*	0.82*	0.6*
East Germany <sup>d</sup>	1.08*	1.81*	1.89*	2.08*	2.11*	2.12*	
Hungary	1.05*	1.86*	1.93*	1.87*	2.05*	2.16*	
Poland <sup>e</sup>	2.20*	4.24*	4.22*	4.04*	3.88*	3.78*	
Rumania	11.20	10.88*	11.12*	10.92	10.37*	10.66*	

<sup>a</sup> Unless otherwise indicated, data refer to inventory at the beginning of the calendar year. Data for Communist China are as of midyear through 1956 and end of year for 1957-59.

<sup>b</sup> Stock sheep only.

<sup>c</sup> Including goats.

<sup>d</sup> As of 3 December.

<sup>e</sup> As of 30 June.

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Table 60  
Land Utilization

Country	Thousand Hectares <sup>a</sup>		
	Total Area <sup>b</sup>	Arable Land <sup>c</sup>	Arable Land as a Percent of Total Area
NATO			
US <sup>d</sup>	936,340*	188,443*	20*
Other NATO countries			
Belgium	3,051*	990*	32*
Canada	997,438*	40,600*	4*
Denmark	4,304*	2,764*	64*
France	55,137*	21,325*	39*
Greece	13,256*	3,530*	27*
Iceland	10,300*	1*	<i>Negl.</i> *
Italy	30,123*	15,781*	52*
Luxembourg	259*	78*	30*
Netherlands	3,245*	1,053*	32*
Norway	32,392*	835*	3*
Portugal	8,883*	4,130*	46*
Turkey	77,698*	24,070*	31*
UK <sup>e</sup>	24,402*	7,092*	29*
West Germany	24,793*	8,699*	35*
Sino-Soviet Bloc			
USSR	2,240,030*	221,366*	10*
Communist China	976,101*	109,354*	11*
North Korea	12,386*	2,385*	19*
Albania	2,875*	353*	12*
Bulgaria	11,149*	4,286*	38*
Czechoslovakia	12,786*	5,392*	42*
East Germany	10,799*	5,184*	48*
Hungary	9,302*	5,760*	62*
Poland	31,173*	16,223*	52*
Rumania	23,750*	10,125*	43*
Other Countries			
Argentina <sup>h</sup>	277,841*	30,000*	11*
Belgian Congo	234,541*	49,020*	21*
India <sup>i</sup>	328,888*	158,341*	48*
Mexico	196,927*	19,928*	10*
Spain <sup>j</sup>	50,461*	20,585*	41*

<sup>a</sup> 1 hectare equals 2.471 acres.

<sup>b</sup> Total area refers to the total area of the country, including bodies of inland water. For the most part, data are for the period 1956-57.

<sup>c</sup> Arable land (including fallow) and land under crops includes land planted to crops (double-cropped areas only counted once); land temporarily fallow; temporary meadows for mowing or pasture; garden land; and area under fruit trees, vines, fruit-bearing shrubs, and rubber plantations.

<sup>d</sup> Including Alaska and Hawaii.

<sup>e</sup> Including areas of fish ponds.

<sup>f</sup> Total agricultural area.

<sup>g</sup> Data refer to land belonging to agricultural holdings exceeding 1 acre (0.405 hectare) in Great Britain and 1/4 acre (0.101 hectare) in Northern Ireland.

<sup>h</sup> Continental sector only.

<sup>i</sup> Including the whole of Kashmir.

<sup>j</sup> Including the Balearic and Canary Islands.

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Table 61  
 Production of Industrial Wood <sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Million Cubic Meters						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	357*	416*	421*	396*	385*	N.A.*	
US <sup>c</sup>	231.0*	267.6*	269.5*	250.6*	243.5*	N.A.*	
Sino-Soviet Bloc	214	288	303	318	341	347	
USSR	161.0*	212.0*	222.0*	238.0*	252.0*	265.0*	331.0*
Communist China <sup>d</sup>	10.0	24.0	26.0	28.0	35.0*	41.2*	
North Korea	1.8	2.0	2.6	2.8	3.2*	3.9*	
North Vietnam	0.1*	0.3	0.5	0.5	0.5*	N.A.	
European Satellites	41.2	49.5	51.4	49.2*	50.4	36.8	
Albania	0.2*	0.4	0.4	0.4*	0.5	0.5	
Bulgaria	2.0	3.1*	2.7*	2.9*	2.9*	3.4*	
Czechoslovakia	8.5*	11.2*	11.7*	11.4*	11.5*	11.1*	11.5*
East Germany	9.5*	8.3*	7.6*	7.5*	7.5*	7.5	
Hungary	0.9	1.0*	1.1*	1.1*	1.2	1.2	
Poland	11.3*	16.4*	16.7*	15.5*	14.5*	N.A.	11.8
Rumania	8.8*	9.1*	11.2*	10.4*	12.3	13.1*	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	1.7*	1.8*	Italy <sup>f</sup>	4.9*	4.8*	Portugal <sup>g</sup>	2.0*	2.2*
Canada	81.6*	78.5*	Luxembourg <sup>h</sup>	0.2*	0.1*	Turkey	1.7*	2.2*
Denmark <sup>e</sup>	1.3*	1.3*	Netherlands	0.6*	0.6*	UK	2.8*	2.7*
France	18.9*	19.1*	Norway <sup>k, h</sup>	8.9*	7.9*	West Germany <sup>o</sup>	19.9*	19.7*
Greece	0.5*	0.5*						

Other Countries

Country	1957	1958	Country	1957	1958
Japan	43.3*	42.8*	Sweden	36.0*	35.9*

<sup>a</sup> Industrial wood is that wood which is not destined to be burned as fuel. This category includes such primary wood products as sawlogs, pitprops, and pulpwood and such finished wood products as sawn wood, plywood, and veneers. Unless otherwise indicated, data are for the calendar year.

<sup>b</sup> Excluding Iceland.

<sup>c</sup> Including Alaska.

<sup>d</sup> Excluding Tibet.

<sup>e</sup> Year ending 30 September.

<sup>f</sup> Year ending 31 March.

<sup>g</sup> Year ending 30 June.

<sup>h</sup> Excluding rural consumption.

<sup>i</sup> Excluding the Azores and Madeira.

Table 62  
Fish Catch \*  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	8,690*	10,000*	10,900*	10,000*	9,650*	N.A.*	
US <sup>c</sup>	2,589.6*	2,738.9*	2,959.4*	2,732.4*	2,671.3*	N.A.*	
Sino-Soviet Bloc <sup>d</sup>	3,230	5,890	6,200	6,700	8,110	9,310	
USSR	1,755.0*	2,737.0*	2,849.0*	2,761.0*	2,931.0*	3,000.0*	4,600*
Communist China	911.0*	2,518.0	2,640.0	3,120.0*	4,060.0*	5,000.0*	
North Korea	440.0	317.0	332.0*	400.0	682.0*	885.0*	
North Vietnam	N.A.	94.0*	120.0*	142.0*	156.0*	167.0*	
European Satellites	N.A.	226	264	282*	284	260	
Albania	N.A.	2.6	3.0*	4.1*	4.1	4.5	
Bulgaria	4.7*	4.5*	5.7*	5.1*	5.8*	5.8	
Czechoslovakia	N.A.	6.3*	6.5*	7.1*	8.1*	7.0	
East Germany	34.0	69.0*	75.0*	97.0*	93.0*	96.0*	
Hungary	4.5	9.5	10.9*	11.6*	12.0	12.5	
Poland <sup>e</sup>	66.2	107.1*	122.5	125.6*	127.0*	111.0	300*
Rumania	11.3*	27.5*	40.0*	31.4*	33.8*	23.3	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	62.9*	64.3*	Iceland	502.7*	580.4*	Portugal <sup>l</sup>	464.6*	455.2*
Canada <sup>g</sup>	993.0*	1,003.1*	Italy <sup>1</sup>	210.3*	209.3*	Turkey	116.7*	101.3*
Denmark	533.3*	598.1*	Luxembourg	0.3*	0.4*	UK	1,014.7*	999.0*
France <sup>h</sup>	514.5*	524.7*	Netherlands	300.8*	313.8*	West Germany	753.8*	715.2*
Greece	75.0*	80.3*	Norway	1,754.8*	1,415.5*			

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
India	1,233.0*	1,064.4*	Peru	483.1*	750.0*	Spain	767.9*	835.7*
Japan	5,399.0*	5,505.0*						

\* Data refer to live weight in NATO and other Free World countries and landed weight in the Sino-Soviet Bloc countries and include seaweed, crustaceans, and mollusks but not aquatic mammals.

<sup>b</sup> Excluding for 1950, Luxembourg. Total for 1950 includes data for 1951 for Turkey.

<sup>c</sup> Including Alaska but excluding Puerto Rico and Hawaii.

<sup>d</sup> Landed weight.

<sup>e</sup> Plan.

<sup>f</sup> Sea fish catch.

<sup>g</sup> Including Newfoundland.

<sup>h</sup> Including Algeria.

<sup>l</sup> Including river fish, subsistence catch, and illegal catch.

<sup>1</sup> Including Azores and Madeira.

Table 63  
Production of Meat<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	17,800*	22,700*	23,500*	23,300*	23,000*	N.A.*	
US	10,015*	12,200*	12,725*	12,213*	11,679*	11,060*	
Sino-Soviet Bloc	10,900	13,400	13,400	15,800	16,400	16,400	
USSR <sup>c</sup>	3,300	4,300	4,500	5,000	5,200	5,800	11,000
Communist China	5,200	6,300	5,900	7,700	8,000	7,500	
North Korea	N.A.	N.A.	24*	40*	N.A.	N.A.	
North Vietnam	25	N.A.	N.A.	N.A.	N.A.	N.A.	
European Satellites	2,400	2,760	3,000	3,080	3,240	3,090	
Albania	7	14	14	15	14	14	
Bulgaria	134	155	172	182	221	210	
Czechoslovakia	414	402	450	472	466	445	
East Germany	428	592	594	645	660	638	
Hungary	338	311	368	294	320	345	
Poland	858	894	1,000	1,101	1,180	1,040	2,975* <sup>d</sup>
Rumania	225	392	377	369	377	396	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium <sup>e</sup>	428*	422*	Greece	117*	124*	Portugal	145*	151*
Canada	1,052*	1,070*	Italy	937*	959*	Turkey	218*	269*
Denmark	704*	707*	Netherlands	594*	588*	UK	1,735*	1,766*
France	2,518*	2,475*	Norway	118*	115*	West Germany	2,553*	2,664*

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Argentina	2,881*	2,251*	Brazil	1,842*	1,984*	New Zealand	649*	658*
Australia	1,311*	1,417*	Mexico	619*	670*			

<sup>a</sup> Unless otherwise indicated, meat is on the basis of trimmed carcass weight and includes beef, veal, pork, mutton, lamb, goat, carabao, and horse meat where produced but excludes edible offal, lard, and rabbit and poultry meat.

<sup>b</sup> Excluding for all years, Iceland; for 1950 and 1955, Luxembourg; and for 1950, Turkey.

<sup>c</sup> Cattle, hogs, sheep, goats, and poultry; carcass weight, bone-in basis, including slaughter fats.

<sup>d</sup> Live-weight basis.

<sup>e</sup> Including Luxembourg.



## COMPARISON OF PRODUCTION OF GINNED COTTON IN SELECTED AREAS SELECTED YEARS, 1950-1959, AND 1965 PLAN

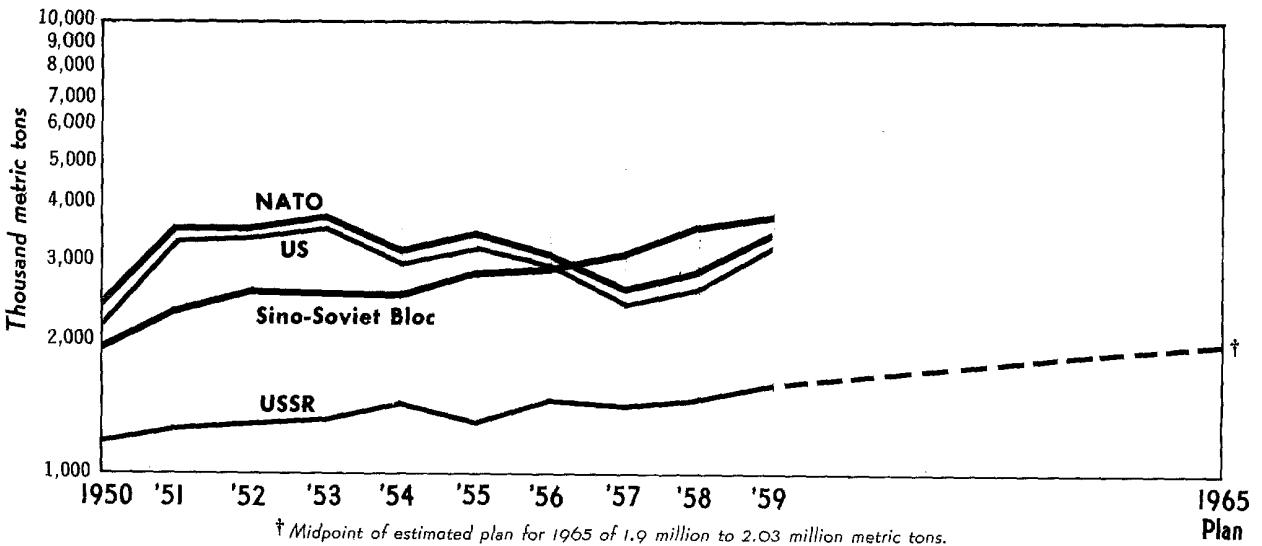
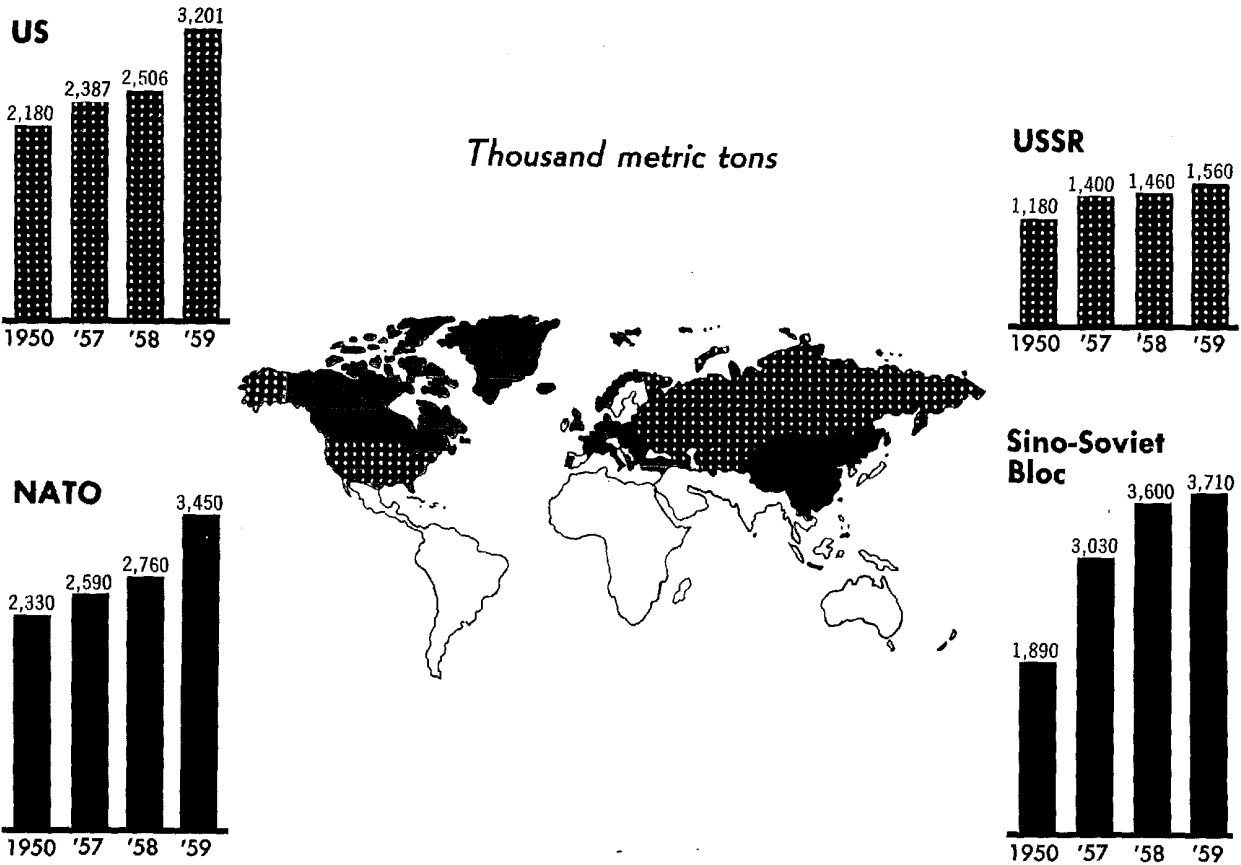


Table 64  
 Production of Milk <sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons							
	1950	1955	1956	1957	1958	1959	1965 Plan	
NATO <sup>b</sup>	124,000*	135,000*	138,000*	141,000*	142,000*	140,000*		
US	53,343*	55,850*	56,914*	57,325*	56,806*	56,518*		
Sino-Soviet Bloc	48,400	59,800	65,600	72,000	77,100	80,000		
USSR	31,100	37,800	43,200	48,200	51,700	54,600	88,000 to 92,000	
European Satellites	17,300	22,000	22,400	23,800	25,400	25,400		
Albania	34	34	34	35	36	36		
Bulgaria	282*	382*	456*	524*	602*	689*		
Czechoslovakia	3,271*	3,521*	3,711*	3,742*	3,764*	3,742*		
East Germany	2,944*	5,077*	4,985*	5,286*	5,656*	5,300		
Hungary	1,445*	1,525*	1,516*	1,715	1,778*	1,800		
Poland	7,760*	9,615*	9,979*	10,721*	11,514*	11,800*	14,500 to 15,400*	
Rumania	1,592	1,830*	1,713*	1,798*	2,006*	2,052		
NATO Countries								
Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	3,793*	3,717*	Greece	326*	331*	Norway	1,719*	1,755*
Canada	8,191*	8,167*	Italy	8,639*	8,811*	UK	11,736*	11,270*
Denmark	5,122*	5,352*	Luxembourg	202*	197*	West Germany	17,868*	18,144*
France	21,108*	19,069*	Netherlands	6,241*	6,303*			

<sup>a</sup> Whole milk from cows.

<sup>b</sup> Excluding Iceland, Portugal, and Turkey.

Table 65  
 Production of Sugar <sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	7,720*	8,430*	8,060*	8,740*	10,000*	9,100*	
US <sup>c</sup>	2,337*	2,098*	2,292*	2,473*	2,543*	2,776*	
Sino-Soviet Bloc	5,650	7,180	7,840	8,830	9,990	10,200	
USSR <sup>c</sup>	2,523*	3,419*	4,354*	4,491*	5,434*	6,000*	
Communist China	242*	717*	807*	864*	900*	1,150*	
North Vietnam	28	6	13	15	N.A.	13*	
European Satellites	2,860*	3,040*	2,670*	3,460*	3,660	3,060	
Albania	1*	8*	13*	10*	11*	10	
Bulgaria	41*	69*	118*	129*	164*	123	
Czechoslovakia	779*	732*	659*	880*	951	712	
East Germany	680*	720*	610*	727*	810*	605	
Hungary	199*	276*	241*	334*	299*	350*	
Poland	1,061*	1,090*	863*	1,177*	1,217*	994*	1,650*
Rumania	96*	143*	166*	204*	207*	266	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium <sup>d</sup>	463*	222*	France	1,600*	1,111*	Turkey	388*	396*
Canada	167*	154*	Italy	1,138*	1,179*	UK	816*	884*
Denmark	399*	336*	Netherlands	583*	544*	West Germany <sup>e</sup>	1,903*	1,497*

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Australia <sup>f</sup>	1,383*	1,261*	India <sup>e</sup>	2,397*	2,631*	Taiwan <sup>e</sup>	967*	862*
Cuba <sup>e</sup>	5,967*	5,443*	Philippines <sup>e</sup>	1,381*	1,412*			

<sup>a</sup> Unless otherwise indicated, beet sugar. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 90 percent of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

<sup>b</sup> Excluding Greece, Iceland, Norway, and Portugal. Stated years are for crop years. Generally the harvest season begins in the fall months of the stated year or in the early months of the year following, except in the Southern Hemisphere, where the season begins in May or June of the stated year.

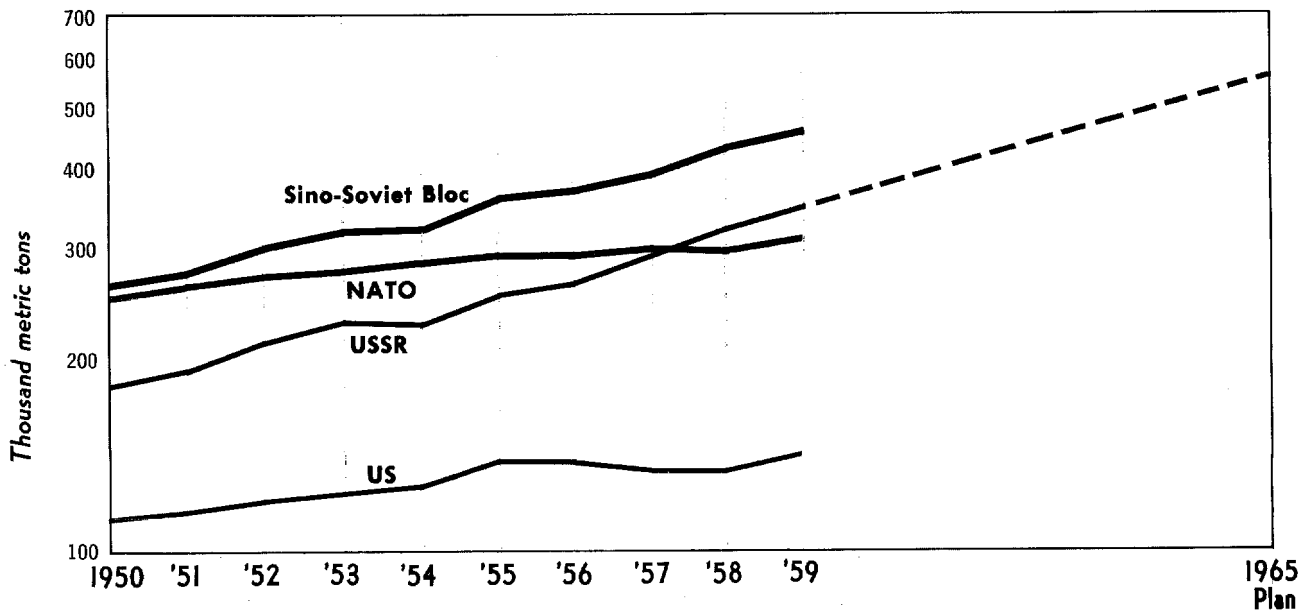
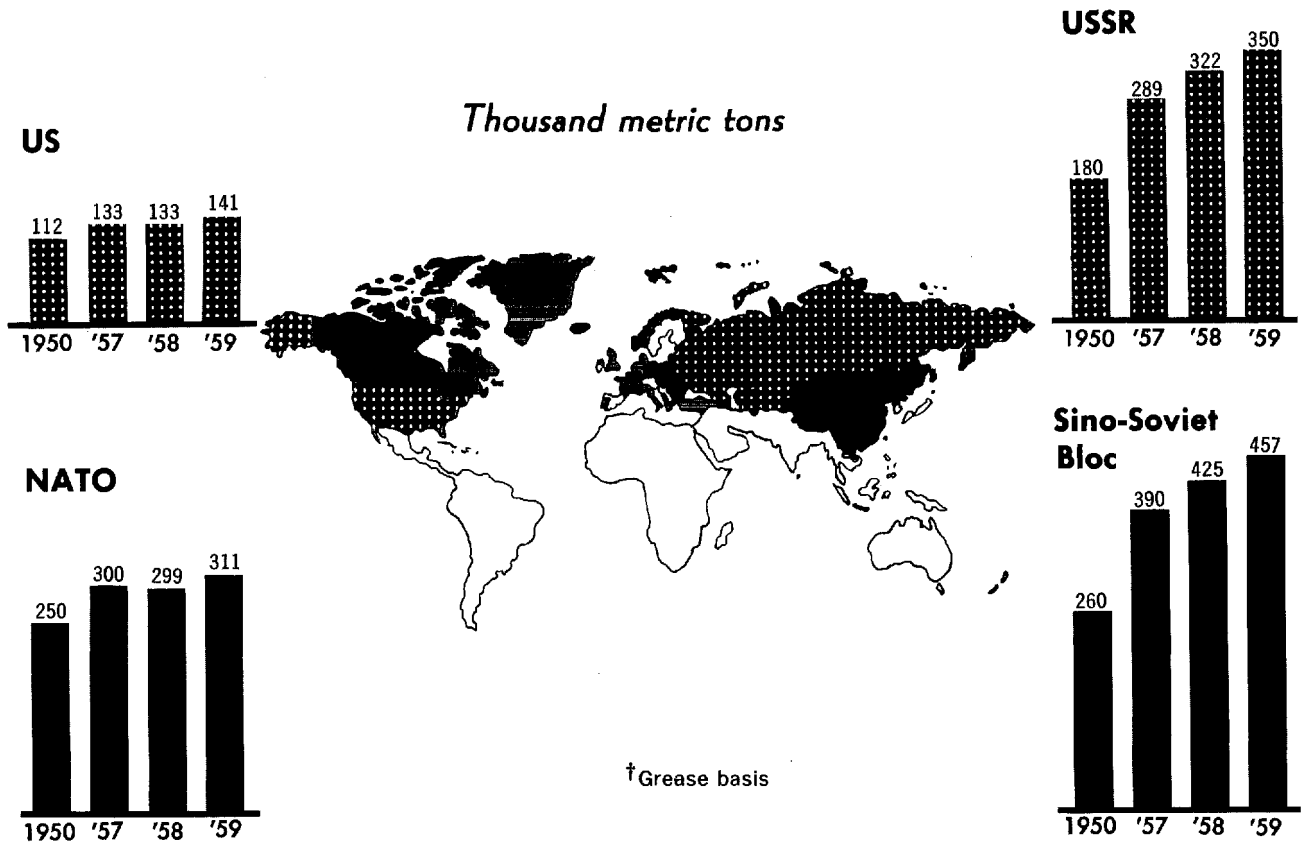
<sup>c</sup> Including cane sugar.

<sup>d</sup> Including Luxembourg.

<sup>e</sup> Including sugar from imported beets.

<sup>f</sup> Cane sugar only.

### COMPARISON OF PRODUCTION OF WOOL<sup>†</sup> IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



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AGRICULTURE AND FORESTRY

Table 66  
 Daily Availability of Food per Capita \*  
 1958/59 <sup>b</sup>  
 Calories per Day per Capita

Country	Amount
NATO	2,460 to 3,510*
US	3,100*
Other NATO Countries	
Belgium <sup>c</sup>	2,930*
Canada	3,070*
Denmark	3,510*
France	2,870*
Greece	2,650*
Italy	2,580*
Netherlands	2,890*
Norway	2,990*
Portugal	2,460*
Turkey	2,800*
UK	3,290*
West Germany	2,990*
Sino-Soviet Bloc	1,950 to 3,200
USSR	3,200
Communist China	2,000
European Satellites	1,950 to 3,200
Albania	1,950
Bulgaria	2,650
Czechoslovakia	3,040
East Germany	2,900
Hungary	2,950
Poland	3,200
Rumania	2,710

\* Daily caloric availability of food should be considered as a rough approximation because of the lack of information on the utilization of food by most countries.

<sup>b</sup> Data for the US are for 1957; for other NATO countries and Communist China, 1957/58; and for other Sino-Soviet Bloc countries, 1958/59.

<sup>c</sup> Including Luxembourg.

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Table 67  
 Production of Cotton Yarn<sup>a</sup>  
 1950 and 1955-59

Country	Thousand Metric Tons					
	1950	1955	1956	1957	1958	1959
NATO <sup>b</sup>	3,260*	3,090*	3,090*	3,080*	2,910*	3,160*
US	1,880.0*	1,748.0*	1,727.0*	1,611.0*	1,569.0*	1,735.0*
Sino-Soviet Bloc	1,380	2,160	2,330	2,280	2,620	N.A.
USSR	662.6*	1,038.1*	977.2*	1,016.0*	1,062.8*	1,136.0*
Communist China	437.0*	720.0*	952.0*	844.0*	1,107.0*	1,497.0*
North Korea	N.A.	7.8	11.9	13.7	14.4	20.9
North Vietnam	1.2	0.2*	6.8*	9.5*	8.7*	9.7*
European Satellites	282	389	380	396	426	N.A.
Bulgaria	16.4*	30.2*	31.3*	35.2	38.5	N.A.
Czechoslovakia	88.0	88.0	90.3	87.5	94.5	N.A.
East Germany	24.0*	63.1*	62.2*	60.6*	65.4	N.A.
Hungary	32.8*	47.2*	37.7*	45.1*	46.5	N.A.
Poland	92.1*	115.3*	115.8*	123.3*	134.6*	N.A.
Rumania	29.2*	45.6*	43.0*	43.8*	46.0	N.A.

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	80.0*	97.6* <sup>c</sup>	Greece	25.7*	N.A.*	Portugal	37.0*	38.6*
Canada <sup>d</sup>	60.0*	62.8*	Italy	160.3*	175.2*	Turkey <sup>e</sup>	27.3*	27.4*
Denmark	7.2*	N.A.*	Netherlands <sup>c</sup>	68.8*	70.6*	UK	286.3*	274.8* <sup>d</sup>
France	260.2*	282.0* <sup>c,d</sup>	Norway	4.5*	2.6*	West Germany <sup>e</sup>	327.0*	398.4*

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
India <sup>c</sup>	764.4*	780.0*	Pakistan	156.0*	N.A.*	Yugoslavia <sup>c</sup>	45.2*	46.9*
Japan <sup>c</sup>	439.2*	476.4*						

<sup>a</sup> Unless otherwise indicated, data for the Free World refer to total weight of cotton yarn made for sale, excluding mixed yarn and tire-cord yarn. Data for the Sino-Soviet Bloc refer to the total factory production.

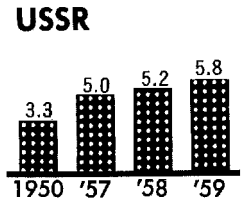
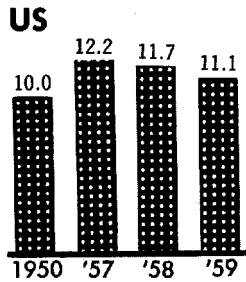
<sup>b</sup> Excluding Iceland and Luxembourg. From 1955 on, data for Turkey include only government production, which in 1952 was approximately 53 percent of total production. Data for West Germany include mixed yarn.

<sup>c</sup> Including mixed yarn.

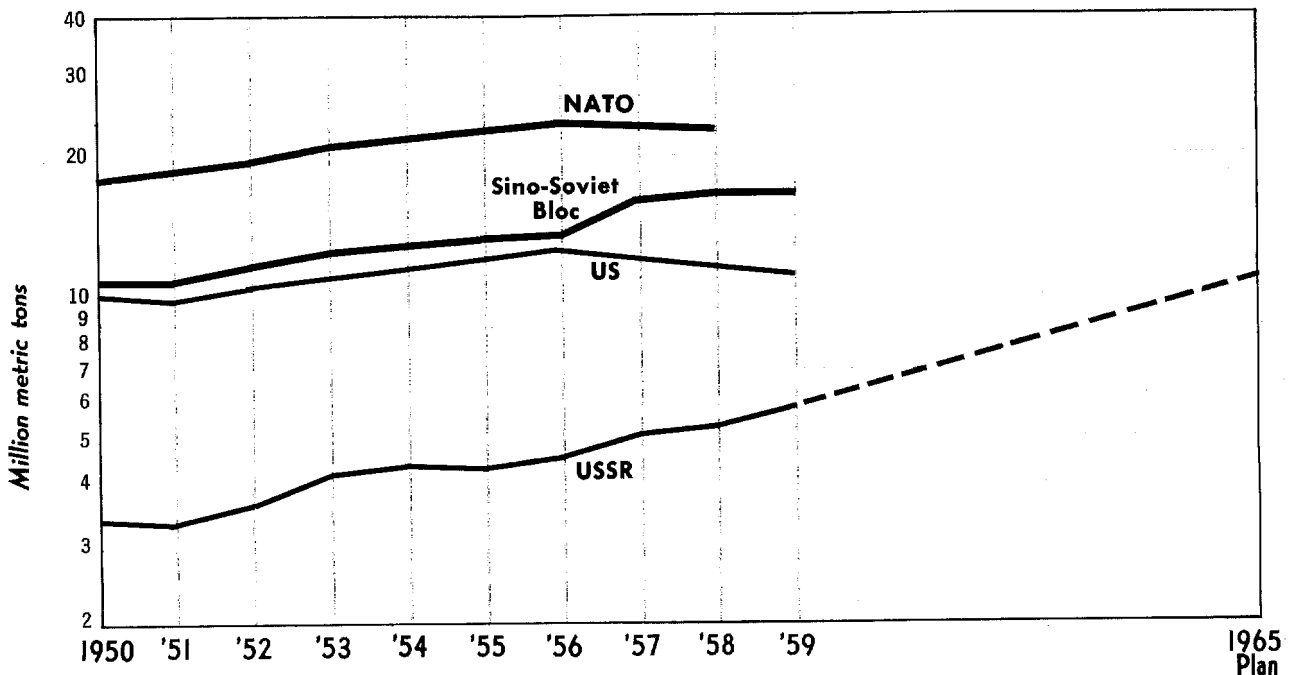
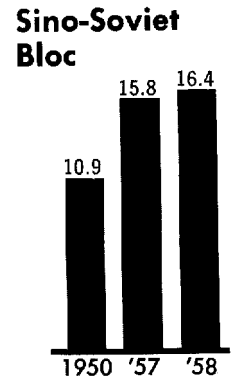
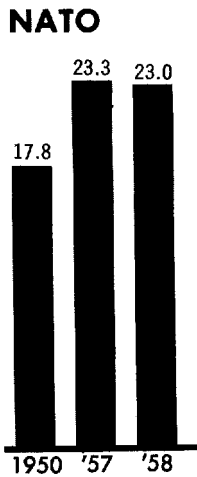
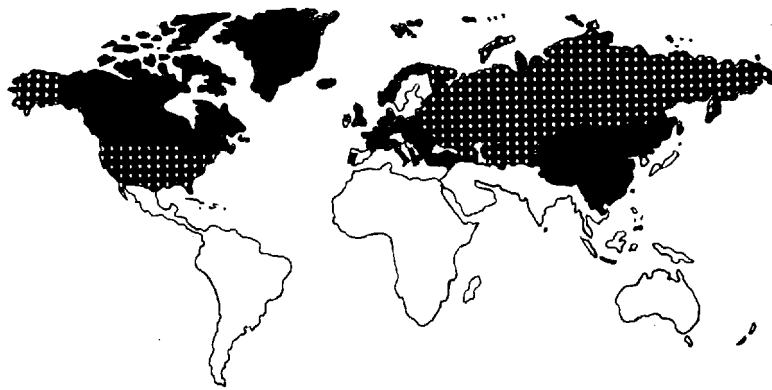
<sup>d</sup> Including tire-cord yarn.

<sup>e</sup> Production by government mills only.

## COMPARISON OF PRODUCTION OF MEAT IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



*Million metric tons*



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MANUFACTURED ITEMS

Table 68  
Production of Woolen Yarn in NATO, the USSR, and Communist China<sup>a</sup>  
1950 and 1955-59

Country	Thousand Metric Tons					
	1950	1955	1956	1957	1958	1959
NATO <sup>b</sup>	1,070*	1,050*	1,100*	N.A.*	N.A.*	N.A.*
US	367.0*	318.0*	333.0*	298.0*	283.0*	349.2*
USSR	101.6*	167.5*	180.0	190.0	200.0	216.0
Communist China	1.2*	3.7*	5.7*	N.A.	8.3*	N.A.

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium <sup>c</sup>	38.1*	46.4*	Italy	135.5*	164.2*	Turkey	8.0*	8.4*
Denmark	5.6*	N.A.*	Netherlands	26.5*	25.2*	UK	224.2*	246.0*
France	134.2*	136.8*	Norway	6.6*	8.3*	West Germany	106.3*	112.7*
Greece	4.8*	N.A.*	Portugal	10.5*	N.A.*			

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Australia <sup>d</sup>	20.9*	18.6*	Japan	92.8*	115.9*	Yugoslavia	16.7*	17.4*
India	13.3*	13.1*						

<sup>a</sup> Data for the Free World refer to total production of yarns in the wool industry. Data for the Sino-Soviet Bloc refer to the total factory production.

<sup>b</sup> Excluding Iceland.

<sup>c</sup> Including Luxembourg.

<sup>d</sup> Excluding mixed yarn.

Table 69  
Production of Rayon Yarn and Synthetic Fibers<sup>a</sup> in NATO, the USSR, and Communist China  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	1,250*	1,610*	1,610*	1,710*	N.A.*	N.A.*	
US	627.9*	743.3*	702.4*	751.1*	682.3*	498.0*	
USSR	24.2*	110.5*	129.0*	149.0*	166.0*	179.0*	666.0*
Communist China	0	Negl.	Negl.	Negl.	3.8	4.0	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium <sup>d</sup>	36.6*	28.8*	Italy	161.9*	156.5*	Turkey <sup>e</sup>	0.9*	0.9*
Canada	42.8*	9.8*	Netherlands	47.8*	48.8*	UK	256.8*	222.0*
France	140.0*	149.4*	Norway <sup>c</sup>	16.4*	13.2*	West Germany	257.4*	227.5*
Greece	1.5*	N.A.*	Portugal	1.6*	N.A.*			

<sup>a</sup> Unless otherwise indicated, data include rayon yarn and staple and synthetic fibers.

<sup>b</sup> Excluding Denmark and Iceland.

<sup>c</sup> Rayon yarn and staple only.

<sup>d</sup> Including Luxembourg.

<sup>e</sup> Synthetic fibers only.

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Table 70  
Production of Leather Footwear <sup>a</sup> in the US and the USSR  
1950, 1955-59, and 1965 Plan

Country	Million Pairs						
	1950	1955	1956	1957	1958	1959	1965 Plan
US .....	464.5*	514.5*	522.9*	528.7*	515.1*	561.3*	
USSR .....	203.4*	274.3*	289.8*	315.0*	356.0*	389.0*	515.0*

<sup>a</sup> Data refer to the total production of footwear with leather or mainly leather uppers and exclude slippers, rubber footwear, and footwear with fabric uppers.

Table 71  
Production of Sulfuric Acid <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup> .....	20,000*	25,400*	26,200*	27,000*	27,200*	N.A.*	
US .....	11,820*	14,296*	14,358*	14,701*	14,381*	15,893*	
Sino-Soviet Bloc .....	3,270	5,860	6,690	7,260	7,800	8,610	
USSR .....	2,125*	3,798*	4,323*	4,569*	4,804*	5,100*	11,000*
Communist China .....	49	375	517	632	740	1,000	
North Korea .....	165	28	110	197	240	255	
European Satellites .....	930	1,660*	1,740*	1,860*	2,020*	2,250	
Bulgaria .....	0*	19*	29*	40*	64*	91*	350*
Czechoslovakia .....	252*	383*	422*	445*	463*	513*	1,000
East Germany .....	280	592*	611*	640*	650*	689*	1,231*
Hungary .....	62*	124*	101*	115*	130*	148*	
Poland .....	285*	450*	482*	499*	572*	610*	1,140*
Rumania .....	52*	92*	95*	122*	144*	199*	

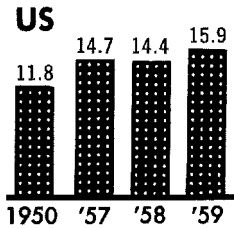
NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium .....	1,073*	1,087*	Greece .....	106*	106*	Portugal .....	245*	271*
Canada .....	1,170*	1,356*	Italy .....	2,055*	1,949*	Turkey .....	22*	19*
Denmark .....	191*	184*	Netherlands ..	700*	745*	UK .....	2,373*	2,277*
France .....	1,600*	1,786*	Norway .....	91*	82*	West Germany ..	2,723*	2,920*

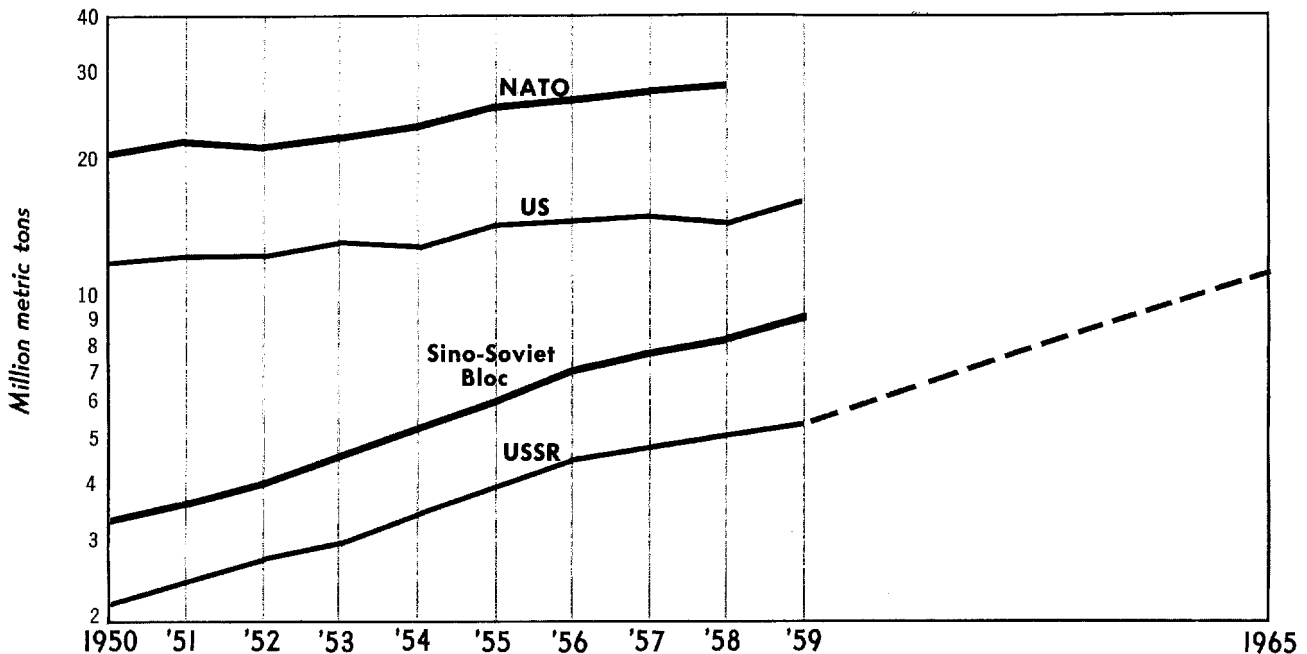
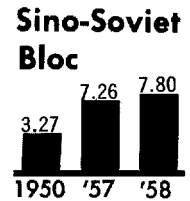
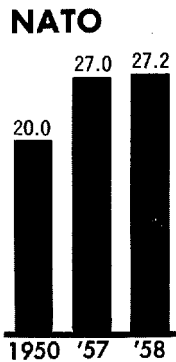
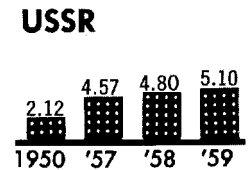
<sup>a</sup> Data refer to production expressed in terms of pure (monohydrate) sulfuric acid (100 percent H<sub>2</sub>SO<sub>4</sub>).

<sup>b</sup> Excluding Iceland and Luxembourg. Including quantities not commercialized but used on the spot for production of other products.

## COMPARISON OF PRODUCTION OF SULFURIC ACID IN SELECTED AREAS SELECTED YEARS, 1950-1959, AND 1965 PLAN



*Million metric tons*



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MANUFACTURED ITEMS

Table 72  
Production of Synthetic Ammonia<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						1965 Plan
	1950	1955	1956	1957	1958	1959	
NATO <sup>b</sup>	2,880*	4,630*	4,940*	5,550*	5,900*	N.A.*	
US <sup>c</sup>	1,170*	2,363*	2,524*	2,772*	2,859*	3,365*	
Sino-Soviet Bloc	757	1,260	1,470	1,610	1,880	2,090	
USSR	368	619	702	750	795	828	1,990 <sup>d</sup>
Communist China	13	69	104	123	195	275	
North Korea	46	6	30	55	94	110	
European Satellites	330	566	634	683	793	877	
Bulgaria	0*	34*	37*	48	61*	70	
Czechoslovakia	30	42	51	57	80	98	
East Germany	242*	335*	343*	346*	365*	370*	
Hungary	12	18	26	24	39	62	
Poland	46*	137*	167*	196*	230	258	
Rumania	N.A.	N.A.	9	13	17	18	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	234*	275*	Netherlands	336*	348*	Portugal	13*	30*
France	521*	593*	Norway	220*	240*	West Germany	1,054*	1,121*
Italy	401*	437*						

<sup>a</sup> Stated in terms of nitrogen content. To convert to actual production of synthetic ammonia, multiply by 1.2158.

<sup>b</sup> Including for all years, Belgium, France, Italy, the Netherlands, Norway, the US, and West Germany; for 1957-58, Portugal; and for 1950, the UK.

<sup>c</sup> Synthetic anhydrous (commercial grade).

<sup>d</sup> Estimated plan for 1965.

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Table 73  
Production of Nitric Acid <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	2,180*	3,910*	3,970*	4,130*	N.A.*	N.A.*	
US	1,211.7*	2,351.6*	2,351.8*	2,579.6*	2,453.1*	2,788.6*	
Sino-Soviet Bloc	1,280	2,390	2,780	3,030	3,620	3,990	
USSR	892.0	1,498.0	1,697.0	1,816.0	1,925.0	2,004.0	4,800 <sup>c</sup>
Communist China	9.0	70.0	112.0	125.0	314.0	360.0	
North Korea	13.9	0	0	0	65.0	95.0	
European Satellites	365	826	974	1,090	1,320	1,530	
Bulgaria	0*	115.1*	114.0*	143.0	184.0	208.8*	
Czechoslovakia	45.0	93.6	136.6	160.0	186.0	229.0	
East Germany	183.5	275.9	286.2	290.0	351.5	357.3	533
Hungary	32.0	37.8*	54.7*	48.7*	80.0	152.5	
Poland	104.4*	303.9*	353.8*	413.0*	480.0	539.0	
Rumania	N.A.	N.A.	29.0	32.0	39.0	40.8	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
France	1,052.5*	1,159.9*	Italy	476.0*	521.0*	Portugal	0.6*	N.A.*
Greece	1.0*	N.A.*	Norway	19.5*	N.A.*			

<sup>a</sup> Data refer to 100-percent nitric acid (HNO<sub>3</sub>).

<sup>b</sup> Including for all years, France, Italy, Norway, Portugal, and the US; for 1955-56, Canada; for 1950, 1955, and 1957, Greece; and for 1950 only, the UK.

<sup>c</sup> Estimated production for 1965.

Table 74  
Production of Soda Ash <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	5,450*	6,660*	6,350*	6,080*	5,700*	N.A.*	
US <sup>c</sup>	3,621*	4,452*	4,534*	4,226*	3,927*	4,442*	
Sino-Soviet Bloc	1,270*	2,720*	2,960*	3,130*	3,530	4,000	
USSR <sup>d</sup>	749*	1,437*	1,545*	1,618*	1,694	1,870	3,388 <sup>e</sup>
Communist China	160*	405*	476*	506*	640*	800*	
European Satellites	357*	876*	937*	1,003*	1,200	1,330	
Bulgaria	0*	70*	82*	90*	98*	114*	
Czechoslovakia	82*	89*	93*	91*	100	100	
East Germany	103*	458*	501*	531*	553*	559*	
Poland	133*	207*	211*	224*	362*	447*	646*
Rumania	39*	51*	51*	67*	83*	106*	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
France	826*	742*	Norway	20*	19*	West Germany	989*	902*
Netherlands	N.A.*	88*	Portugal	16*	18*			

<sup>a</sup> Unless otherwise indicated, data refer to the total production (100-percent basis) of soda ash (sodium carbonate—Na<sub>2</sub>CO<sub>3</sub>), excluding, as far as possible, natural sodium carbonate and sodium bicarbonate. Production data for the USSR and Communist China includes natural sodium carbonate.

<sup>b</sup> Including for all years, France, Norway, Portugal, the US, and West Germany; for 1950 and 1955, Italy; and for 1958 only, Norway.

<sup>c</sup> 98-percent to 100-percent basis.

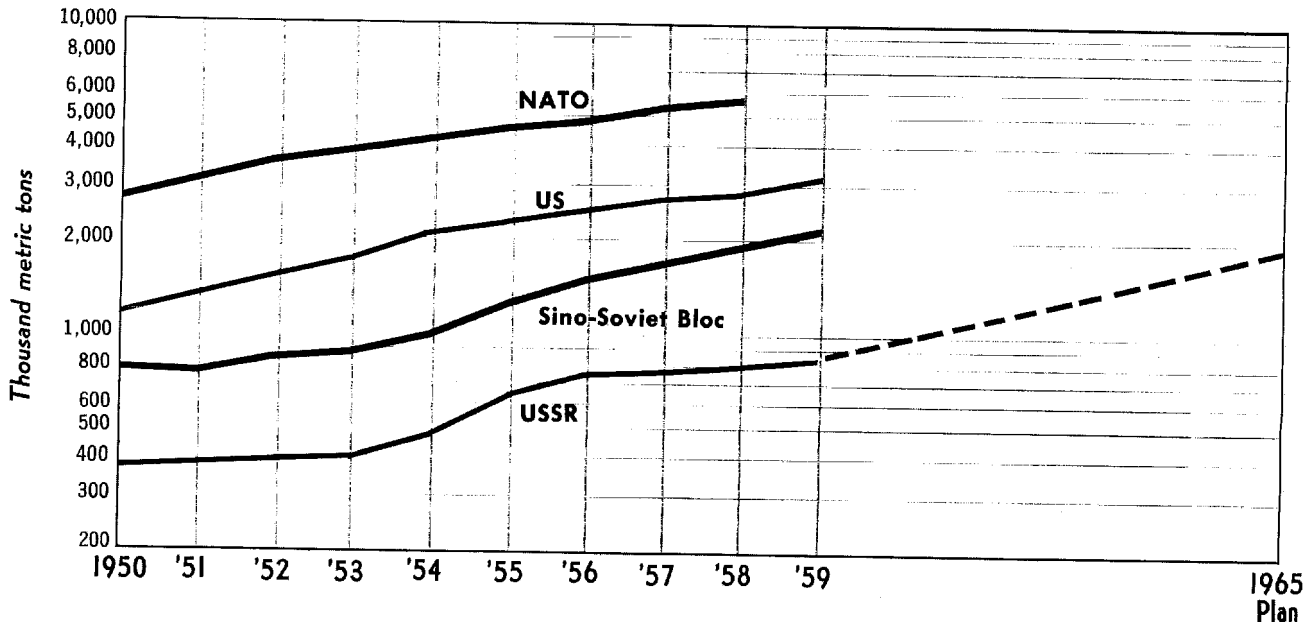
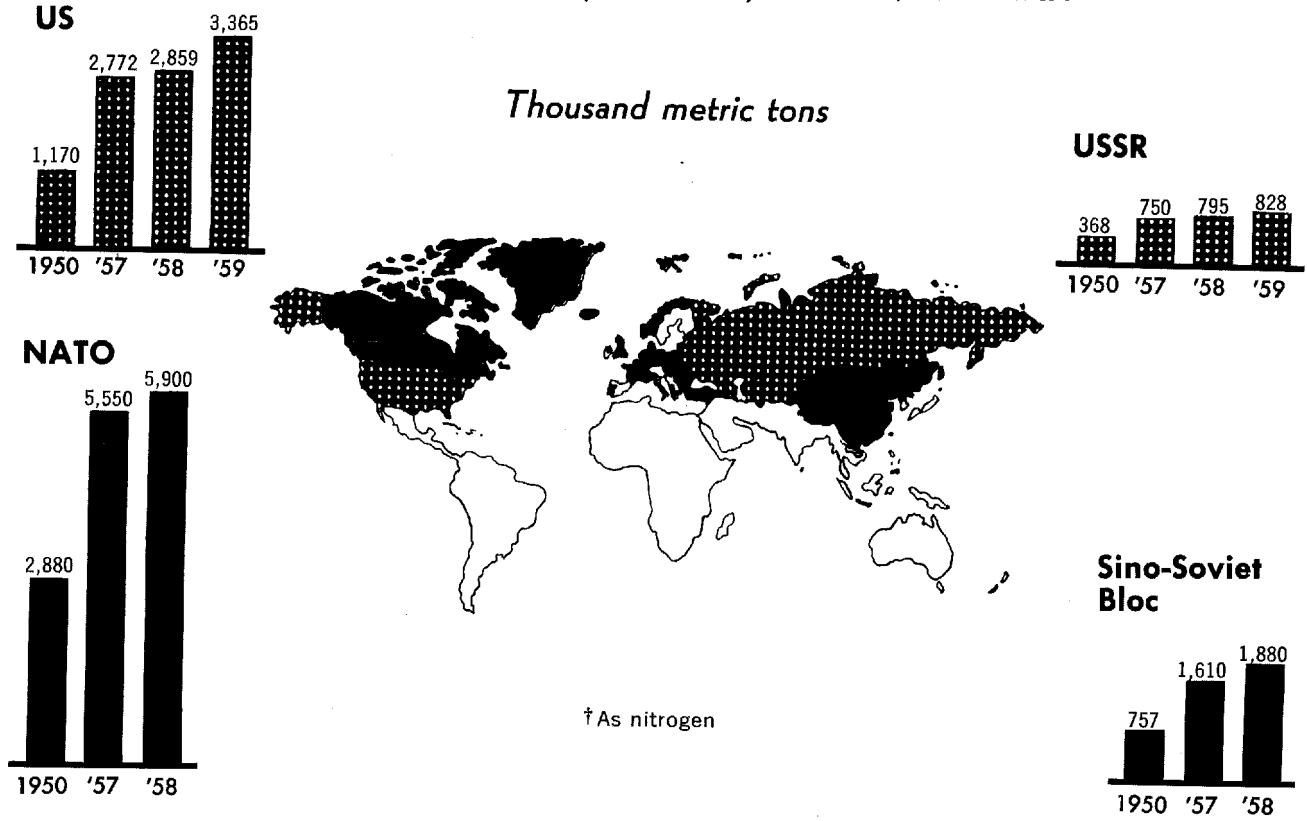
<sup>d</sup> 95-percent basis.

<sup>e</sup> Estimated plan for 1965.

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Figure 15

# COMPARISON OF PRODUCTION OF SYNTHETIC AMMONIA<sup>†</sup> IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



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MANUFACTURED ITEMS

Table 75  
Production of Caustic Soda<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	3,180*	4,860*	4,250*	5,410*	5,180*	N.A.*	
US	2,278*	3,542*	3,822*	3,919*	3,679*	4,241*	
Sino-Soviet Bloc	631	1,180*	1,320*	1,440	1,610	1,840	
USSR <sup>c</sup>	325*	563*	631*	680	720	800	1,440
Communist China	23*	137*	156*	198*	270*	364*	
North Korea	N.A.	3*	6*	9*	14*	24*	
European Satellites	283	476*	526*	555*	604*	652	
Bulgaria	Negl.*	2*	11*	12*	14*	16	28*
Czechoslovakia	49*	82*	86*	88*	93*	100	
East Germany	150*	257*	275*	277*	296*	304*	
Hungary	6	11*	12*	13*	16*	16*	40 <sup>d</sup>
Poland	63*	100*	119*	131*	144*	152*	245*
Rumania	15*	24*	24*	34*	41*	64*	

## NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada	239*	281*	Greece	1*	1*	Portugal	17*	19*
Denmark	4*	3*	Italy	296*	275*	Turkey	1*	1*
France <sup>e</sup>	243*	240*	Norway	40*	42*	West Germany	648*	636*

<sup>a</sup> Unless otherwise indicated, data refer to 100-percent NaOH.<sup>b</sup> Excluding Belgium, Iceland, Luxembourg, the Netherlands, and the UK.<sup>c</sup> 92-percent basis.<sup>d</sup> Estimated production for 1965.<sup>e</sup> Solid soda only, about two-thirds of total production.

Table 76  
Production of Chlorine<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	2,270*	3,810*	4,240*	4,490*	N.A.*	N.A.*	
US	1,890.9*	3,103.6*	3,445.3*	3,581.3*	3,265.6*	3,886.8*	
Sino-Soviet Bloc	397	672	732	792	911	1,090	
USSR	187	322	361	390	450	520	1,200 <sup>c</sup>
Communist China	7.0	69.0	71.0	85.0	110.0	158.0	
North Korea	14.8 <sup>d</sup>	3.0	5.3	8.1	12.4	21.0	
European Satellites	188	278	294	309	338	391	
Czechoslovakia	31.0	45.5	47.0	59.0	60.0	87.5	
East Germany	142.0	210.7*	214.9*	208.0*	218.6	230.0	
Hungary	4.9	8.7	8.0	8.5	12.0	12.0	
Poland	5.1	8.1*	19.5*	27.4*	37.2*	46.1*	
Rumania	5.0	5.0	5.0	5.7	10.5	15.3	

## NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Denmark	4.0*	3.0*	Italy	149.0*	N.A.*	West Germany	520.2*	538.5*
France	211.2*	245.5*	Norway	21.0*	21.6*			

<sup>a</sup> Represents the total production of gas, including quantities later liquefied for use, shipment, or storage.<sup>b</sup> Including for all years, France, Italy, Norway, the US, and West Germany, and for 1957, Denmark.<sup>c</sup> Estimated plan for 1965.<sup>d</sup> 1949.

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MANUFACTURED ITEMS

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Table 77  
Production of Calcium Carbide \*  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	1,760*	2,320*	2,520*	2,660*	2,740*	N.A.*	
US	609.2*	793.7*	929.5*	921.9*	819.2*	923.8*	
Sino-Soviet Bloc	1,180	1,610	1,730	1,840	1,990	2,120	
USSR	233.0	410.0	445.0	480.0	515.0	550.0	
Communist China	6.0	30.0	33.0	60.0	87.0	120.0	
North Korea	95.0	68.0	99.0	143.0*	150.0*	135.0*	
European Satellites	845	1,100	1,150	1,160	1,240	1,320	
Bulgaria	3.0*	8.9*	10.9*	11.7*	13.9*	13.9	
Czechoslovakia	55.5	75.8	83.5	91.0	93.7	96.5	
East Germany	606.1*	793.0*	801.7*	799.1*	830.7*	887.5*	1,180*
Hungary	8.5	12.6*	10.0*	12.6*	13.0	13.0	
Poland	172.0*	211.3*	213.3*	210.0*	251.5*	264.1*	
Rumania	N.A.	N.A.	30.0	36.0	39.0	42.3	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
France	283.0*	346.0*	Norway	57.0*	60.0*	UK	142.0*	147.0*
Italy	247.0*	321.0*	Portugal	4.0*	6.0*	West Germany	960.0*	997.0*
Netherlands	44.0*	40.0*						

\* Data refer to commercial grade CaC<sub>2</sub>.

<sup>b</sup> Including for all years, France, Italy, Norway, Portugal, the UK, the US, and West Germany, and for 1957-58, the Netherlands.

Table 78  
Production of Refined Benzol in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
US	882.3* <sup>a</sup>	1,020.9*	1,117.6*	1,100.8*	953.5*	N.A.*	
Sino-Soviet Bloc	337	542	572	601	630	711	
USSR	224.0	347.0	370.0	386.0	401.0	450.0	900 <sup>b</sup>
Communist China	8.0	36.0	36.0	44.0	51.0	58.0	
European Satellites	105	159	166	171	178	203	
Czechoslovakia	42.5	57.0	59.7	61.5	63.5	66.8	
East Germany	8.5	11.9	12.1	11.0	11.4	12.0	
Hungary	0.3	0.4*	0.2*	0.5*	1.4	1.8	
Poland	53.4	89.0	93.2	97.0	99.0	120.0	
Rumania	0.6	1.2	1.2	1.2	2.6	2.8	

<sup>a</sup> 1951.

<sup>b</sup> Estimated production for 1965.

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MANUFACTURED ITEMS

Table 79  
Production of Mineral Fertilizers<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons <sup>b</sup>						
	1950	1955	1956	1957	1958	1959	1965 Plan <sup>c</sup>
NATO <sup>d</sup>	9,500*	14,200*	14,600*	15,300*	15,800*	17,200*	
US	3,977.0*	5,792.0*	5,943.0*	6,071.0*	6,258.0*	7,117.0*	
Sino-Soviet Bloc	3,040	4,740	5,200	5,560	6,040	6,520	
USSR	1,234.7	2,293.9	2,606.3	2,783.0	2,940.7	3,045.0	8,220.0
Communist China	15.8	85.0	131.6	159.0	266.3	410.6	
North Korea	N.A.	16.3	38.9	65.1	93.6	101.5	
European Satellites	1,790	2,350	2,420	2,560	2,740	2,960	
Bulgaria	0	30.3	33.4	41.9	55.3	84.2	
Czechoslovakia	94.0	158.7	171.6	184.8	225.5	268.0	577.5
East Germany	1,498.2	1,821.0	1,857.6	1,926.2	1,984.3	2,034.2	2,798.0
Hungary	39.8	41.3	44.8	46.5	67.1	91.4	192.0
Poland	160.3	286.0	298.7	339.3	381.8	429.5	860.0
Rumania	0.8	10.7	12.7	18.3	28.9	52.0	570.4

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	562.4*	617.0*	Iceland	6.5*	6.0*	Portugal	89.5*	116.7*
Canada	325.0*	340.0*	Italy	819.1*	955.9*	Turkey	7.4*	13.7*
Denmark	84.2*	89.0*	Luxembourg	112.0*	109.8*	UK	682.3*	715.4*
France	2,703.0*	2,798.6*	Netherlands	549.3*	568.3*	West		
Greece	50.5*	50.6*	Norway	268.7*	275.8*	Germany	3,301.6*	3,420.1*

<sup>a</sup> Including, where produced, nitrogen fertilizers (in terms of nitrogen), phosphorous fertilizers (in terms of phosphoric anhydride), and potassium fertilizers (in terms of potassium oxide).

<sup>b</sup> Tonnages given refer to the nutrients expressed as nitrogen, phosphoric anhydride, and potassium oxide.

<sup>c</sup> Estimated plan for 1965.

<sup>d</sup> The years for the NATO data are "fertilizer years," that is, the 12 months ending on 30 June of the stated year.



Table 80  
Production of Synthetic Rubber \*  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	543*	1,100*	1,230*	1,280*	1,260*	1,660*	
US	483.8*	986.0*	1,096.9*	1,136.1*	1,071.5*	1,401.8*	
Sino-Soviet Bloc	182	311	308	345	385	406	
USSR	143.0	240.0	235.0	270.0	300.0	315.0	810.0 <sup>c</sup>
European Satellites	39.4	71.3	73.1	74.9	84.8	91.2	
Czechoslovakia	0.4	0.6	0.6	0.6	0.9	1.0	30.0*
East Germany	39.0	70.7	72.5	74.3*	83.8*	85.2*	105.0*
Poland	0*	0*	0*	0*	0*	5.0*	50.0 <sup>d</sup>
Rumania	0	0	0	0	0	0	50.0 <sup>d</sup>

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada	137.2*	102.3*	Italy	20.3*	39.0*	West Germany	23.1*	48.9*
France	N.A.*	6.0*	UK	11.5*	57.9*			

\* Data include copolymers of butadiene with styrene and acrylonitrile and neoprene and butyl rubber. Latices are included.

<sup>b</sup> Including for all years, Canada and the US; for 1959, France; for 1958-59, Italy; for 1957-59, the UK; and for 1955-59, West Germany.

<sup>c</sup> Estimated plan for 1965. It is believed that the plan will be underfulfilled and that production will be about 600,000 metric tons.

<sup>d</sup> Estimated plan for 1965.

Table 81  
Production of Rubber Tires \*  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	98,200*	134,000*	121,000*	128,000*	119,000*	144,000*	
US <sup>c</sup>	92,754*	112,178*	100,382*	106,941*	96,563*	117,875*	
Sino-Soviet Bloc	9,690	14,500	16,500	18,600	21,400	24,400	
USSR <sup>d</sup>	7,401*	10,190*	11,334*	12,786*	14,395*	15,500*	29,000*
Communist China	67	593	783	873	1,500	1,800	
European Satellites	2,220	3,700	4,420	4,920	5,530	7,070	
Bulgaria	38*	72*	102*	115*	125	132	
Czechoslovakia	1,390	1,550	1,750	1,939	2,000	2,860	
East Germany	394	1,225	1,480	1,452*	1,626*	1,892*	3,125 <sup>e</sup>
Hungary	104*	245*	240*	294*	300	350	500 <sup>f</sup>
Poland	215	425*	646*	887	1,205	1,517	2,000*
Rumania	81*	180*	199*	236*	270*	321	

NATO Countries

Country	1958	1959	Country	1958	1959
Canada <sup>g</sup>	7,800*	9,358*	UK	14,696*	17,008*

\* Unless otherwise indicated, data include motor vehicle tires and exclude aircraft and bicycle tires.

<sup>b</sup> Including for all years, Canada and the US, and for 1955-59, the UK.

<sup>c</sup> Excluding solid rubber tires and pneumatic tires for motorcycles and bicycles and tires used by aircraft, by industry and by agriculture.

<sup>d</sup> Believed to include all categories of tires except bicycle and possibly aircraft tires.

<sup>e</sup> Estimated plan for 1965 from published figure for "tires of all types," aircraft tires are presumably included.

<sup>f</sup> Estimated plan for 1965.

<sup>g</sup> Including a small number of imported tires and possibly aircraft tires.

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Table 82  
Production of Electric Motors <sup>a</sup> in the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Thousand Kilowatts						1965 Plan
	1950	1955	1956	1957	1958	1959	
Sino-Soviet Bloc	10,300	15,300	17,400	20,700	29,700	N.A.	33,000*
USSR	6,780*	8,819*	9,754*	11,691*	14,380*	16,393*	
Communist China	199*	607*	1,069*	1,455*	6,052*	N.A.	
European Satellites	3,370	5,860	6,620	7,540	9,260	N.A.	
Bulgaria	65*	114*	105*	200*	467*	N.A.	
Czechoslovakia <sup>b</sup>	1,327*	1,180*	1,407*	1,649*	1,957*	1,695	
East Germany	1,140	2,150	2,400	2,700	3,000	3,500	
Hungary	352	1,180	1,320	1,470	1,650	1,840	
Poland	392	1,092*	1,214*	1,247*	1,808*	2,230	
Rumania	94*	147*	172*	275*	374*	467*	

<sup>a</sup> All sizes. Unless otherwise indicated, including alternating and direct current.

<sup>b</sup> Alternating current only.

Table 83  
Production of Electric Generators <sup>a</sup> in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Thousand Kilowatts						1965 Plan
	1950	1955	1956	1957	1958	1959	
US <sup>b</sup>	6,788*	10,584*	9,128*	14,256*	17,833*	13,977*	
Sino-Soviet Bloc	1,730	6,610	7,280	7,990	8,740	11,900	18,400*
USSR	934*	4,526*	5,184*	5,558*	5,200*	6,500*	
Communist China	N.A.	108*	281	198	800	2,150*	
European Satellites	794	1,970	1,810	2,240	2,740	3,290	
Bulgaria	0*	10*	1*	0*	0*	0*	
Czechoslovakia <sup>c</sup>	506*	1,179*	808*	1,004*	1,248	1,552	
East Germany	50	500	650	800	950	1,100	
Hungary	230	225	250	300	350	400	
Poland	Negl.	12	50	75	140	200	
Rumania	8	46	52	56	47*	38*	

<sup>a</sup> Unless otherwise indicated, all sizes, including alternating and direct current.

<sup>b</sup> Units of 4,000 kilowatts and larger.

<sup>c</sup> Alternating current only.

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Table 84  
Production of Turbines <sup>a</sup> in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Thousand Kilowatts						
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>b</sup>	6,788*	10,584*	9,128*	14,256*	17,833*	13,977*	
Sino-Soviet Bloc	3,150	7,580	7,880	7,130	9,300	11,900	
USSR <sup>c</sup>	2,696*	5,561*	5,848*	5,370*	6,631*	7,600*	18,700
Communist China	N.A.	69*	223*	198*	800*	2,150*	to 20,400*
European Satellites	452	1,950	1,810	1,560	1,870	2,160	
Czechoslovakia	281*	1,004*	982*	674*	964*	1,168*	2,590*
East Germany	171	673	768	800	830	860	1,606* <sup>d</sup>
Hungary	N.A.	240*	N.A.	N.A.	N.A.	N.A.	
Poland	Negl.*	19*	40*	65*	53*	129*	550* <sup>d</sup>
Rumania	0*	15*	18*	22*	23*	N.A.	

<sup>a</sup> Unless otherwise indicated, data refer to steam and hydraulic turbines. Most turbine production is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

<sup>b</sup> Units of 4,000 kilowatts and larger.

<sup>c</sup> Including a small amount of gas turbines.

<sup>d</sup> Steam turbines only.

Table 85  
Production of Electron Tubes in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Million Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>a</sup>	383.0*	479.8*	464.2*	456.4*	397.4*	432.9*	
Sino-Soviet Bloc	33.2	104	121	138	175	209	
USSR	25.2*	76.6*	89.6*	98.0*	110.0*	119.0*	250.0 <sup>b</sup>
Communist China	Negl.	0.3	0.5	6.0	21.4	42.8	
European Satellites	8.0	27.6	31.0	34.2	43.2	47.3	
Czechoslovakia	2.7	6.7	8.3	9.3	10.6	11.7	26.5 <sup>c</sup>
East Germany	2.7	9.5	10.0	12.6	16.2	17.4	30.0 <sup>c</sup>
Hungary	2.6	8.6	8.7	7.0	9.5	10.0	12.5 <sup>b</sup>
Poland	Negl.	2.6*	3.5*	4.6	5.9	7.2	20.3*
Rumania	Negl.	0.2	0.5	0.7	1.0	1.0	

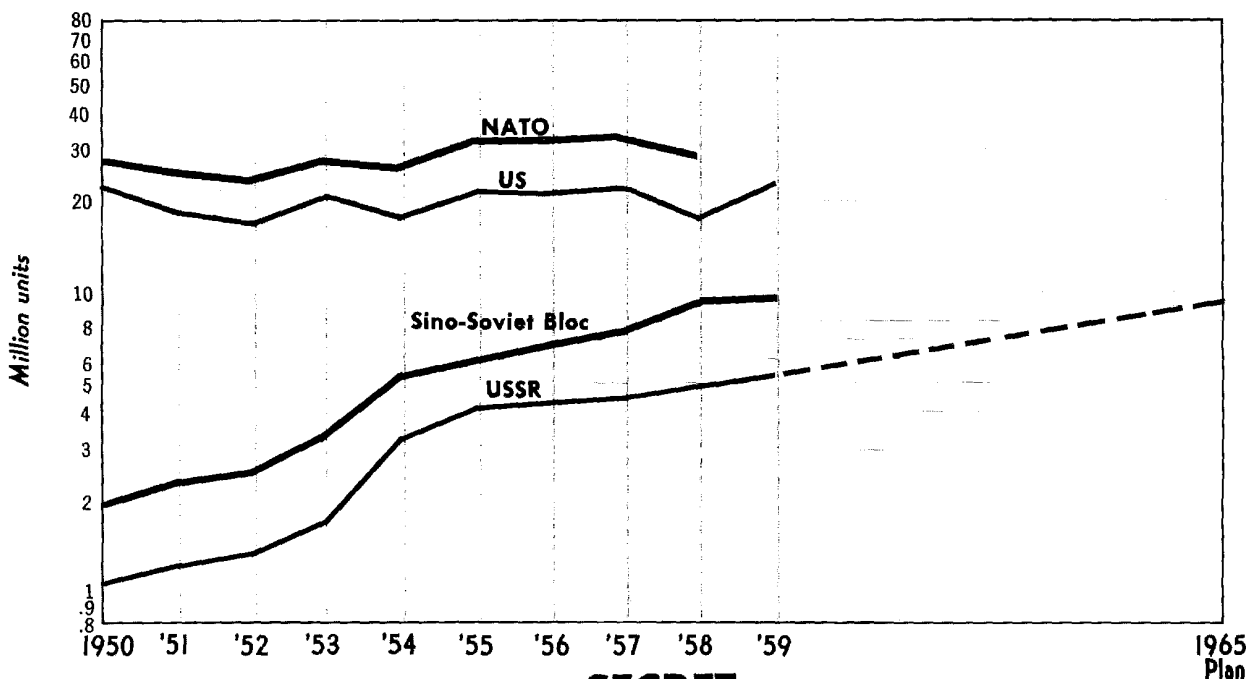
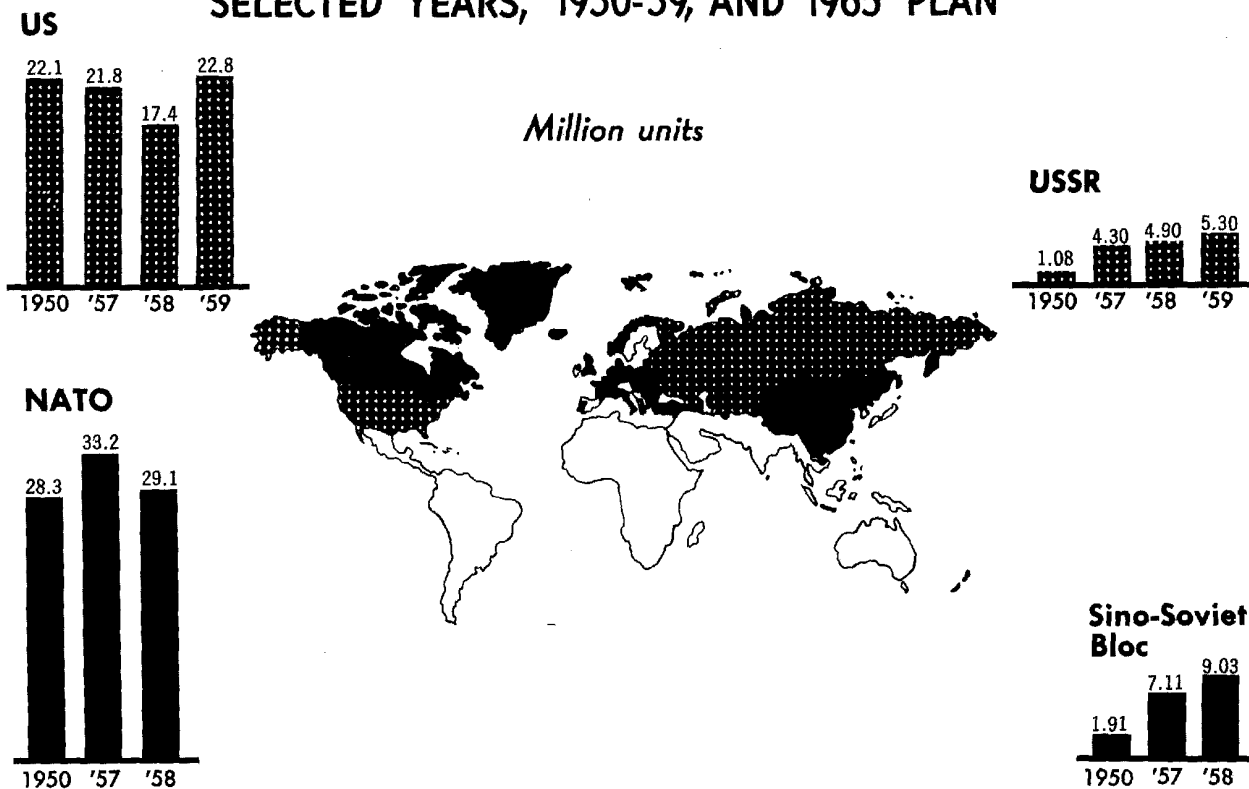
<sup>a</sup> Including only those tubes manufactured for civilian use.

<sup>b</sup> Estimated production for 1965.

<sup>c</sup> Estimated plan for 1965.

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## COMPARISON OF PRODUCTION OF RADIO RECEIVERS AND TELEVISION RECEIVERS IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN



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MANUFACTURED ITEMS

Table 86  
Production of Radio Receivers <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	20,300*	21,800*	21,700*	23,300*	19,900*	N.A.*	
US	14,590*	14,529*	13,982*	15,428*	12,507*	16,451*	
Sino-Soviet Bloc	1,900	5,400	5,790	6,200	7,620	7,760	
USSR	1,071*	3,529*	3,675*	3,600*	3,900*	4,000*	5,977*
Communist China	<i>Negl.</i>	50	190	360	1,300	1,500	
European Satellites	832*	1,820*	1,920*	2,240*	2,420*	2,260	
Bulgaria	8*	66*	92*	108*	132*	140	
Czechoslovakia	293*	102*	221*	255*	303*	280*	
East Germany	277*	725*	653*	664*	609*	666	875
Hungary	98*	377*	352*	453*	452*	259*	
Poland	116*	461*	499*	646*	790*	750*	1,100*
Rumania	40*	89*	104*	113*	139*	167*	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada <sup>c</sup>	696*	770*	UK	1,812*	1,837*	West Germany	3,288*	N.A.*
France	1,583*	N.A.*						

<sup>a</sup> Civilian radio receivers, including radio-phonograph combinations.

<sup>b</sup> Including for all years, Canada, France, the UK, the US, and West Germany; except for 1957 and 1958, Denmark; and except for 1956-58, Norway.

<sup>c</sup> Producer sales.

Table 87  
Production of Television Receivers  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	8,040*	10,800*	10,300*	9,850*	9,160*	N.A.*	
US	7,464*	7,756*	7,387*	6,899*	4,920*	6,349*	
Sino-Soviet Bloc	12*	550*	696*	910*	1,408*	1,990*	
USSR	12*	495*	596*	700*	1,000*	1,300*	3,325*
European Satellites	0*	56*	100*	210*	408*	692*	
Czechoslovakia	<i>Negl.</i> *	17*	40*	79*	134*	197*	400*
East Germany	<i>Negl.</i> *	39*	55*	109*	180*	290*	670*
Hungary	0*	<i>Negl.</i> *	2*	6*	37*	88*	166*
Poland	0*	<i>Negl.</i> *	2*	16*	57*	117*	440*

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada <sup>b</sup>	420*	405*	UK	1,985*	2,838*	West Germany	1,487*	N.A.*
France	349*	N.A.*						

<sup>a</sup> Including for all years, Canada, France, the UK, and the US; except for 1950, 1957, and 1958, Denmark; and except for 1950, West Germany.

<sup>b</sup> Producer sales.

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MANUFACTURED ITEMS

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Table 88  
Production of Metalcutting Machine Tools in the US and the Sino-Soviet Bloc  
1950 and 1955-59

Country	Thousand Units					
	1950	1955	1956	1957	1958	1959
US	46.00*	56.00*	70.00*	60.00*	30.00*	33.90*
Sino-Soviet Bloc	105	186	209	227	258	293
USSR	70.60*	117.09*	121.30*	130.00*	138.00*	146.00*
Communist China	3.31*	13.71*	25.93*	28.30*	50.00* <sup>a</sup>	70.00* <sup>a</sup>
North Korea	0*	N.A.	1.01*	1.02*	1.45*	2.20
North Vietnam	0*	0.04*	N.A.	N.A.	1.04*	1.50
European Satellites	N.A.	54.8	60.9	68.0	67.8	73.7
Bulgaria	0.90*	1.40*	1.06*	1.66*	1.97*	2.50
Czechoslovakia	12.91*	18.49*	19.02*	22.67*	22.12*	24.00*
East Germany	13.58	16.21	18.57	17.55	18.50	19.00
Hungary	3.45*	5.28*	6.25* <sup>a</sup>	7.71* <sup>a</sup>	6.00	6.50
Poland	N.A.	12.72*	15.14*	17.42*	18.13*	20.50*
Rumania	0.18*	0.71*	0.84*	1.02*	1.08*	1.21*

<sup>a</sup> Including items not previously reported as machine tools.

Table 89  
Production of Metalforming Machine Tools\* in the US and the USSR  
1950 and 1955-59

Country	Thousand Units					
	1950	1955	1956	1957	1958	1959
US	N.A.*	N.A.*	34.7*	28.9*	21.0*	25.0*
USSR	9.0*	19.4*	20.5*	24.0*	24.6*	28.5*

\* Metalforming machine tools are defined as power driven; not supported in the hands of an operator when in use; and designed to press, forge, emboss, hammer, extrude, blank, spin, shear, or bend metal into shape.

Table 90  
Production of Antifriction Bearings\* in the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Million Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
Sino-Soviet Bloc	104	252	307	357	417*	463	
USSR	93.3*	218.0*	263.0*	296.0*	325.0*	350.0*	
Communist China	0.4*	N.A.	N.A.	10.5*	29.4*	42.0*	
European Satellites	10.5	33.5	44.3	50.5	62.9*	71.1	
Czechoslovakia	5.9*	14.3*	18.0*	22.7*	27.1*	30.2*	
East Germany	3.9	14.2	17.4	17.3	22.6*	24.0	60.0*
Hungary	N.A.	N.A.	2.2	2.8	3.5*	4.5*	
Poland	0.5*	3.3*	4.6*	5.4*	6.9*	8.9*	
Rumania	0.2*	1.7*	2.1*	2.3*	2.8*	3.5*	

\* Data for the US in terms of production of antifriction bearings are not available. Shipments in current US dollars for ball and roller bearings and components totaled, for 1950, US \$450 million; for 1955, US \$674 million; for 1956, US \$735 million; and for 1957, US \$750 million.

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Table 91  
Production of Metallurgical Equipment\* in the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
Sino-Soviet Bloc	152*	272	273	265*	379*	522*	
USSR	111.2*	172.1*	177.2*	167.2*	172.7*	200.0*	200.0 to 220.0* <sup>b</sup>
Communist China <sup>c</sup>	<i>Negl.*</i>	11.5	12.5	13.9*	110.0*	205.0*	
European Satellites	41.1*	88.1*	83.2*	83.8*	96.2*	117*	
Czechoslovakia	20.3*	37.3*	29.5*	37.4*	55.3*	85.6*	182.6*
East Germany <sup>d</sup>	17.2*	24.3*	27.8*	22.1*	13.6*	<i>N.A.</i>	
Poland	3.6* <sup>e</sup>	22.9*	16.5*	10.6*	12.0*	15.2*	
Rumania	<i>Negl.*</i>	3.6*	9.4*	13.7*	15.3*	15.8*	

\* Metallurgical equipment includes rolling mills; mechanical equipment for coke, blast, and smelting furnaces; mixers; crushers; grinding mills for ore and coal; agglomeration installations; and special hoist-transport mechanisms for metallurgical shops. Equipment for nonferrous shops is believed to be included but probably amounts to only a small percentage of total physical volume. Data are not available for the US in terms of metric tons. Expenditures in the US in current US dollars for new machinery and equipment for blast furnaces, steel mills, and nonferrous metal-producing facilities totaled US \$354 million for 1950, US \$522 million for 1955, US \$950 million for 1956, and US \$1,331 million for 1957.

<sup>b</sup> The plan for 1965 is for rolling mill equipment only, which normally constitutes 50 to 60 percent of all metallurgical equipment produced in the USSR.

<sup>c</sup> Production in Communist China in 1958 and 1959 included large quantities of small-scale equipment not normally produced in other Bloc countries.

<sup>d</sup> Rolling mill equipment only. Production data are not available for all metallurgical equipment.

<sup>e</sup> 1949.

Table 92  
Production of Chemical Equipment in Selected Sino-Soviet Bloc Countries  
1950, 1955-59, and 1965 Plan

Country	Unit of Measure	1950	1955	1956	1957	1958	1959	1965 Plan
USSR	Thousand tons <sup>a</sup>	43*	111*	114*	135	154	232	490
	Million rubles <sup>b</sup>	<i>N.A.</i>	810	837*	989*	1,129*	1,700*	3,500 to 3,700*
Czechoslovakia	Thousand tons	4	29*	26*	26*	41*	55	225
	Million crowns <sup>c</sup>	<i>N.A.</i>	327.5*	271.7*	269.5*	409.2*	540	2,268*
East Germany	Thousand tons	<i>N.A.</i>	<i>N.A.</i>	32*	39*	48	55	130
	Million DME <sup>d</sup>	171.2*	297.8*	292.4*	338.8*	394.3*	<i>N.A.</i>	<i>N.A.</i>
Hungary	Thousand tons	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	15	50
Poland	Thousand tons	7*	28*	28*	29*	32*	25	85
Rumania	Thousand tons	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	12	35

<sup>a</sup> Tonnages are given in metric tons.

<sup>b</sup> Value figures probably are based on 1955 prices.

<sup>c</sup> Value figures probably are based on 1954 prices.

<sup>d</sup> Deutsche Mark East. Including pumps and compressors. Value figures are based on 1955 constant plan prices. Value for 1950 is converted to constant plan price on the basis of production figures for 1955.

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Table 93  
Production of Grain Combines<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
UK	4,325*	6,209*	5,088*	6,883*	6,553*	4,440*	
US	116,137*	63,739*	42,233*	44,704*	47,137*	N.A.*	
Sino-Soviet Bloc	46,400	51,200*	86,400*	137,000*	74,900*	62,000	
USSR	46,338*	48,012*	81,800*	131,500*	65,000*	54,700* <sup>b</sup>	65,000 <sup>c</sup>
Communist China	0*	3*	22*	124*	545*	1,240*	
European Satellites	56	3,200*	4,570*	5,040*	9,340*	6,090	
Bulgaria	1	300*	600*	1,309*	1,600*	N.A. <sup>d</sup>	
Czechoslovakia	0*	5*	337*	83*	0* <sup>e</sup>	0*	
East Germany	0*	1,053*	1,374*	422*	475*	897*	2,200* <sup>f</sup>
Hungary	5*	1,535*	1,474*	511*	1,338*	1,661* <sup>g</sup>	3,500* <sup>h</sup>
Poland	0*	300*	662*	419*	23*	29*	
Rumania	50*	2*	120*	2,301*	5,901*	3,500	

<sup>a</sup> Tractor-drawn and self-propelled.

<sup>b</sup> Production of tractor-drawn grain combines was dropped in the USSR in the first half of 1958 except for limited production for the northern regions of a small combine that is operated through a power take-off from a tractor.

<sup>c</sup> Estimated plan for 1965.

<sup>d</sup> Production probably ceased some time during 1959 or may not even have been carried over into 1959.

<sup>e</sup> Production ceased in 1957 in favor of imports of this item from Hungary. There are no known plans for resumption of production in the future.

<sup>f</sup> Production "after 1960" during the Seven Year Plan has been planned at an annual average of 2,200 units.

<sup>g</sup> Plan.

<sup>h</sup> Estimated plan for 1965. The EMAG (Elso Magyar Gazdasagi Gepgyar) Plant in Hungary, which produced grain combines, is expected to produce 3,500 units, presumably by 1965.

Table 94  
Production of Tractors  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	742*	751*	620*	653*	646*	N.A.*	
US	542.4*	377.1*	272.3*	265.9*	265.5*	304.5*	
Sino-Soviet Bloc	136*	200*	224*	243*	262*	272	
USSR	108.8*	163.4*	183.5*	203.8*	219.7*	213.5*	375.0*
Communist China	0*	0*	0*	0*	1.0*	4.9*	
North Korea	0*	0*	0*	0*	0*	1.2	
European Satellites	27.2*	36.6*	40.6*	38.8*	41.8*	52.3	
Czechoslovakia	10.5*	12.6*	18.0*	21.2*	24.6*	29.2*	43.1*
East Germany	5.2*	7.8*	7.0*	3.9*	4.3*	6.7 <sup>b</sup>	
Hungary	4.1*	4.7*	2.9*	1.4*	1.5*	2.3*	
Poland	4.0*	8.1*	8.5*	6.9*	4.4*	3.0*	30.0*
Rumania	3.5*	3.5*	4.2*	5.5*	7.0*	11.0*	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
France	93.4*	92.9*	UK	147.1*	143.9*	West Germany	118.2*	118.3*
Italy	28.0*	25.6*						

<sup>a</sup> Including France, Italy, the UK, the US, and West Germany.

<sup>b</sup> Plan.

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Table 95  
Production of Tractor Drills<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country							Units
	1950	1955	1956	1957	1958	1959	1965 Plan
UK <sup>b</sup>	6,469*	3,796*	2,993*	4,164*	3,695*	4,581*	
US <sup>c</sup>	153,421* <sup>d</sup>	72,212*	63,347*	61,029*	58,760*	N.A.*	
Sino-Soviet Bloc	126,000*	139,000*	210,000*	292,000*	230,000*	N.A.	
USSR	118,400*	123,300*	199,400*	278,100*	218,300*	136,500*	110,000 <sup>e</sup>
European Satellites	8,080*	15,400*	10,900*	14,200*	11,500*	N.A.	
Bulgaria	590*	2,452*	1,901*	2,069*	666*	1,843*	
Czechoslovakia	2,827*	7,160*	4,450*	5,494*	3,310*	N.A.	
East Germany	4,208*	2,390*	3,085*	2,162*	3,056*	N.A.	
Hungary	N.A.	N.A.	N.A.	1,410*	N.A.	N.A.	
Poland	10*	2,006*	584*	20*	0*	0*	
Rumania	450*	1,428*	901*	3,011*	4,496*	6,200* <sup>f</sup>	

<sup>a</sup> Including tractor-drawn and tractor-mounted drills.

<sup>b</sup> Including combined seed and fertilizer drills.

<sup>c</sup> Excluding tractor-drawn corn planters and tractor-drawn corn and cotton planters. Published data list drawn units as a category without a breakdown into tractor-drawn and horse-drawn units. If it is assumed that the "3-row and larger" drawn corn planters are tractor drawn, production for the years shown would increase by the following amounts: 1951, 80,549 (two-row and larger); 1955, 20,573; 1956, 16,480; 1957, 18,635; and 1958, 31,512.

<sup>d</sup> 1951.

<sup>e</sup> Estimated plan based on reported deliveries to agriculture of 750,000 tractor drills during the Seven Year Plan (1959-65), or an annual average of 107,100 units.

<sup>f</sup> Plan.

Table 96  
Production of Tractor Moldboard Plows<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country							Units
	1950	1955	1956	1957	1958	1959	1965 Plan
UK	52,080*	26,571*	19,534*	22,443*	27,835*	23,848*	
US	341,710*	141,174*	101,915*	103,287*	109,238*	112,242*	
Sino-Soviet Bloc	168,000*	137,000*	161,000*	170,000*	203,000*	193,000*	
USSR	121,900*	103,200*	123,500*	127,800*	164,000*	155,000*	150,000 <sup>b</sup>
European Satellites	45,900*	33,300*	37,000*	42,700*	39,000*	N.A.	
Bulgaria	900*	1,947*	3,374*	4,303*	2,700*	4,788*	
Czechoslovakia	20,812*	9,955*	9,786*	14,213*	11,554* <sup>c</sup>	11,215*	
East Germany	7,304*	3,572*	5,056*	3,587*	3,784*	N.A.	
Hungary	3,274*	4,556*	1,876*	1,056*	N.A.	N.A.	
Poland	8,600*	9,296*	13,185*	15,515*	14,830*	12,500*	
Rumania	5,030*	4,005*	3,766*	4,006*	5,738*	9,396*	

<sup>a</sup> Excluding surface (shallow) plows.

<sup>b</sup> Estimated plan for 1965 based on the reported total delivery of 1 million tractor plows to agriculture during the Seven Year Plan (1959-65), or an annual average of 143,000.

<sup>c</sup> Excluding production of USVD (Central Union of Producer Cooperatives).

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Table 97  
Construction of Maritime Vessels<sup>a</sup>  
1950 and 1955-59

Country	Thousand Gross Register Tons					
	1950	1955	1956	1957	1958	1959
NATO <sup>b</sup>	4,020*	4,960*	5,440*	6,590*	7,180*	6,480*
US	340.0*	104.0*	209.0*	520.0*	862.0*	603.0*
Sino-Soviet Bloc	76.8	306	389	373	417	488
USSR	43.0	132.0	206.6	178.7	150.0	200.2
Communist China	4.0	22.0	15.0	20.0	30.0	30.8
European Satellites	29.8	152	167	175	237	257
East Germany	5.6	61.1	54.1	55.4	100.5	99.8
Hungary	13.8	15.6	21.3	12.3	20.4	13.3
Poland	10.4	75.1	91.5	107.0	116.5	143.9

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	156.0*	175.0*	Italy	885.0*	707.0*	Portugal	44.0*	21.0*
Denmark	199.0*	270.0*	Netherlands	781.0*	745.0*	UK	2,234.0*	2,033.0*
France	593.0*	624.0*	Norway	329.0*	382.0*	West Germany	1,094.0*	916.0*

<sup>a</sup> Including only countries in which domestic construction is a significant percentage of over-all construction. Data refer to oceangoing tankers, cargo and passenger vessels, self-propelled barges, and harbor craft put into place during the year.

<sup>b</sup> Excluding Canada, Greece, Iceland, Luxembourg, and Turkey.

Table 98  
Construction of Inland and Fishing Vessels in the Sino-Soviet Bloc<sup>a</sup>  
1950 and 1955-59

Country	1950	1955	1956	1957	1958	1959
Thousand Horsepower						
Sino-Soviet Bloc	71.5	145	143	177	204	222
USSR	48.9	72.6	84.0	99.5	115.1	130.7
Communist China	13.0	26.0	24.0	30.0	40.0	50.0
European Satellites	9.6	46.8	34.9	47.8	48.5	41.6
Czechoslovakia	7.2	13.8	13.8	15.9	17.2	14.4
East Germany	0	6.6	10.7	20.1	19.0	17.2
Hungary	2.4	26.4	10.4	11.8	12.3	10.0
Inland Non-Self-Propelled						
Thousand Deadweight Tons Carrying Capacity						
Sino-Soviet Bloc	740	685	582	501	456	437
USSR	725.2	614.1	456.4	355.0	295.0	260.0
Communist China	12.0	51.0	93.0	110.0	130.0	145.0
European Satellites	2.4	20.0	32.4	34.6	31.0	32.0
Czechoslovakia	2.4	18.0	24.4	26.6	25.0	25.0
Hungary	0	2.0	8.0	8.0	6.0	7.0
Fishing						
Thousand Gross Register Tons						
Sino-Soviet Bloc	71.8	101	89.2	108	142	154
USSR	9.9	22.5	31.7	40.9	75.2	59.4
Communist China	0	6.0	N.A.	N.A.	N.A.	N.A.
North Korea	2.5	5.0	N.A.	N.A.	N.A.	N.A.
European Satellites	59.4	67.4	57.4	67.4	66.6	94.2
East Germany	55.4	48.5	42.9	39.0	23.6	29.9
Poland	4.0	18.9	14.6	28.4	43.0	64.3

<sup>a</sup> Including only countries in which domestic construction is a significant percentage of over-all construction.

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Table 99  
Production of Mainline Locomotives <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	4,940*	3,520*	4,150*	4,000*	3,210*	N.A.*	
US <sup>c</sup>	3,144*	1,664*	2,257*	2,036*	1,385*	1,237*	
Sino-Soviet Bloc	1,940	1,790	1,660	1,440	1,840	2,590	
USSR	1,212*	982*	867*	670*	1,056*	1,437*	2,550 to 2,700*
Communist China	0*	98	184	167*	350*	532	
European Satellites	730	712	604	598	435	623	
Czechoslovakia <sup>d</sup>	221	175*	115*	156*	152*	170	790*
East Germany	0	27	31	20	50	50	
Hungary	213*	148*	127*	136*	100	150	
Poland	240*	308*	278*	221*	85*	174*	
Rumania	56*	54*	53*	65*	48*	79*	

## NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada	521*	417*	Italy	85*	112*	UK	1,142*	1,063*
France	216*	229*						

<sup>a</sup> Including all types (diesel, diesel-electric, electric, and steam). For detailed data for diesel and electric locomotives, see Tables 100 and 101 (p. 80, below).

<sup>b</sup> Including for all years, Canada, France, Italy, the UK, and the US, and for 1950 only, Denmark and West Germany. Data for Italy include only locomotives produced for state railroads.

<sup>c</sup> Data refer to units put in service on first-class railroads and include mainline locomotives exported in the following amounts: for 1950, 756; for 1955, 482; for 1956, 804; for 1957, 720; for 1958, 951; and for 1959, 395.

<sup>d</sup> May include nonmainline types.

Table 100  
Production of Mainline Diesel Locomotives  
1950, 1955-59, and 1965 Plan

Country	Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
France	43* <sup>a</sup>	172*	141*	216*	229*	113*	
UK	515*	760*	937*	922*	958*	N.A.*	
US <sup>b</sup>	2,376*	1,172*	1,445*	1,312*	430*	837*	
Sino-Soviet Bloc	125*	138	169	472*	772	1,180*	
USSR	125*	134*	161*	400*	712*	1,002*	
Communist China	0*	0*	0*	0*	2	3*	
European Satellites	0*	4	8	72*	60	175*	
Czechoslovakia <sup>c</sup>	0*	2	4	27*	60	90*	590*
East Germany <sup>c</sup>	0*	N.A.	N.A.	N.A.	N.A.	N.A.	183*
Hungary <sup>c</sup>	N.A.	2	4	45*	N.A.	N.A.	
Poland <sup>c</sup>	N.A.	N.A.	N.A.	N.A.	N.A.	85*	

<sup>a</sup> 1952.

<sup>b</sup> Data refer to units put into service on first-class railroads but do not include exports.

<sup>c</sup> Data may include some nonmainline types.

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Table 101

Production of Mainline Electric Locomotives in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country							Units
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>a</sup>	12*	10*	8*	4*	4*	5*	
Sino-Soviet Bloc	103	247	378	319*	421	621	
USSR	102*	194*	216*	270*	344*	510	
Communist China	0*	0*	0*	0*	0*	1*	
European Satellites	1	53	162	N.A.	N.A.	N.A.	
Czechoslovakia <sup>b</sup>	N.A.	29*	40*	23*	60	80	200*
East Germany	0	20	114	N.A.	N.A.	N.A.	
Hungary	1*	4	8*	26*	N.A.	N.A.	
Poland	N.A.	N.A.	N.A.	N.A.	17*	30*	

<sup>a</sup> Data refer to units put into service on first-class railroads but do not include exports.<sup>b</sup> Data may include nonmainline types.

Table 102

Production of Mainline Railroad Freight Cars <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country							Thousand Units
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	96.6*	129*	169*	192*	107*	N.A.*	
US <sup>c</sup>	44.21*	42.06*	67.50*	100.37*	44.28*	38.45*	
Sino-Soviet Bloc	78.0*	68.2*	72.2*	71.4	77.0	90.8	
USSR	50.80*	34.40*	40.00*	38.30*	41.00*	38.60*	
Communist China	N.A.	9.26*	6.69* <sup>d</sup>	7.30*	11.00*	19.67*	
North Korea	0*	0*	0*	0.10	0.54	0.70	
European Satellites	27.2*	24.5*	25.5*	25.7	24.5	31.9	
Bulgaria	0*	0.99*	0.45*	1.15*	1.29*	2.00*	
Czechoslovakia	2.11*	5.55*	5.90*	5.46*	5.36*	8.00	
East Germany	6.35*	4.00*	4.12*	4.00	4.00	4.00	
Hungary	1.23*	0.57*	0.54*	0.59*	0.60	0 <sup>e</sup>	
Poland	15.44*	11.92*	12.34*	11.93*	9.78*	13.46*	14*
Rumania	2.09*	1.46*	2.14*	2.54*	3.47*	4.39*	

## NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada	10.45*	5.31*	Italy	0.58*	3.26*	West Germany	5.04*	5.52*
France	7.32*	6.84*	UK	67.81*	41.89*			

<sup>a</sup> Including cars of two, four, or more axles. Although the European NATO countries still are producing some smaller cars, most production in the US, the USSR, and the European Satellites now consists of four-axle units.<sup>b</sup> Including for all years, Canada, France, Italy, the UK, the US, and West Germany, and for 1950 only, Norway. Data for Italy include railroad passenger cars for 1955-58.<sup>c</sup> Shipments.<sup>d</sup> Including more than 300 passenger cars.<sup>e</sup> Production is believed to have been discontinued except for a few special types.

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Table 103  
Production of Automobiles  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	8,050*	10,700*	8,670*	9,310*	8,080*	10,000*	
US <sup>b</sup>	6,665.9*	7,920.0*	5,816.1*	6,112.8*	4,257.6*	5,591.3*	
Sino-Soviet Bloc	97.0	147*	157*	192*	217	242*	
USSR	64.6*	107.8*	97.8*	113.6*	122.0*	124.5*	200.0*
Communist China	0*	0*	0*	<i>Negl.</i>	1.0	<i>N.A.</i>	
European Satellites	32.4	38.8*	59.0*	78.1*	93.6*	118*	
Czechoslovakia	24.5*	12.5*	25.1*	34.6*	43.4*	50.5*	110.0*
East Germany	7.2*	22.2*	28.1*	35.6*	38.4*	52.8*	108.0*
Poland	0.8 <sup>c</sup>	4.0*	5.8*	8.0*	11.7*	14.2*	22.5*

NATO Countries					
Country	1958	1959	Country	1958	1959
Canada	297.0*	301.8*	Italy <sup>e</sup>	369.4*	470.6*
France <sup>d</sup>	924.0*	1,085.0*	UK	1,051.2*	1,190.0*

Other Countries		
Country	1958	1959
Japan	50.6*	78.6*

<sup>a</sup> Including Canada, France, Italy, the UK, the US, and West Germany.

<sup>b</sup> Sales from factories, including parts shipped for assembly abroad.

<sup>c</sup> 1951.

<sup>d</sup> Including buses.

<sup>e</sup> Excluding production for the armed forces.

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Table 104  
Production of Commercial Vehicles<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	1,920*	2,080*	1,940*	1,960*	1,800*	2,160*	
US <sup>c</sup>	1,337.2*	1,249.1*	1,104.5*	1,107.6*	877.2*	1,137.1*	
Sino-Soviet Bloc	310*	387*	424*	445	462	451	
USSR	298.3*	337.5*	367.0*	381.9*	389.0*	370.5*	656.0*
Communist China	0*	0*	1.6*	7.5	15.0	19.2	
European Satellites	12.1*	49.8*	55.2*	55.2*	58.1*	61.3*	
Czechoslovakia	7.3*	14.0*	15.3*	14.5*	15.9*	16.5*	22.3*
East Germany	1.1*	14.9*	17.9*	16.4*	16.4*	15.7*	18.4*
Hungary	2.9*	5.0*	3.7*	4.0*	5.1*	5.0*	
Poland	0.8*	12.8*	13.1*	15.0*	13.8*	16.7*	34.0*
Rumania	0*	3.0*	5.2*	5.4*	6.8*	7.4*	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Canada <sup>d</sup>	61.4*	67.2*	Italy	34.8*	30.2*	West Germany	314.4*	362.0*
France	204.0*	198.0*	UK	313.2*	370.3*			

Other Countries

Country	1958	1959
Japan	137.6*	183.2*

<sup>a</sup> Including light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

<sup>b</sup> Including Canada, France, Italy, the UK, the US, and West Germany.

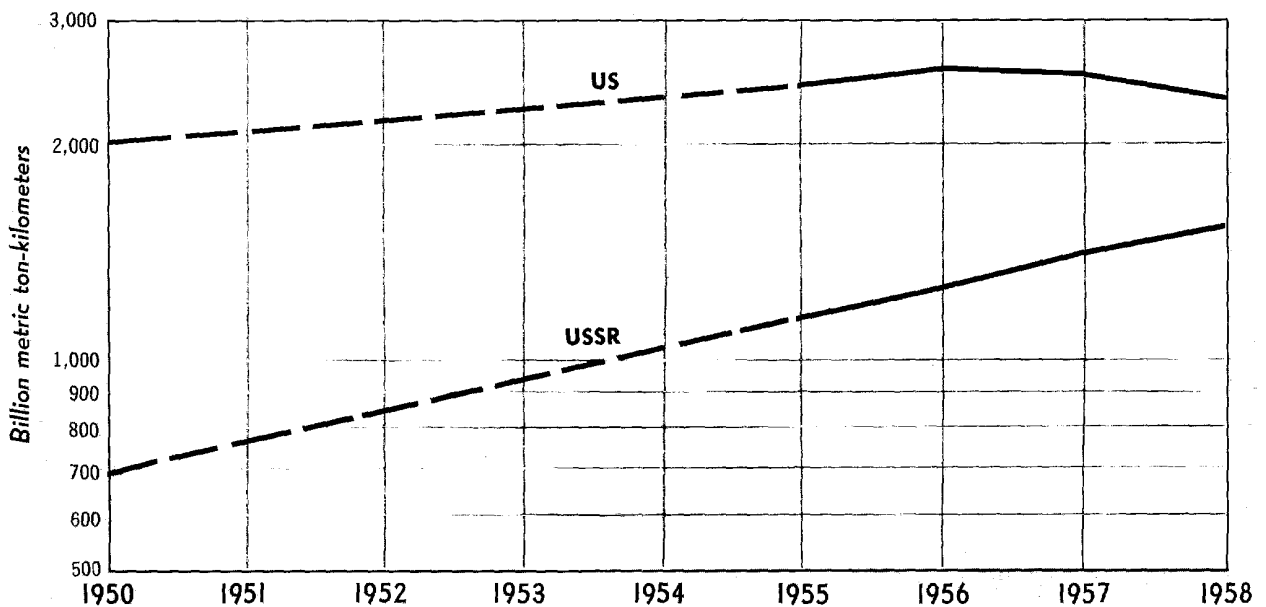
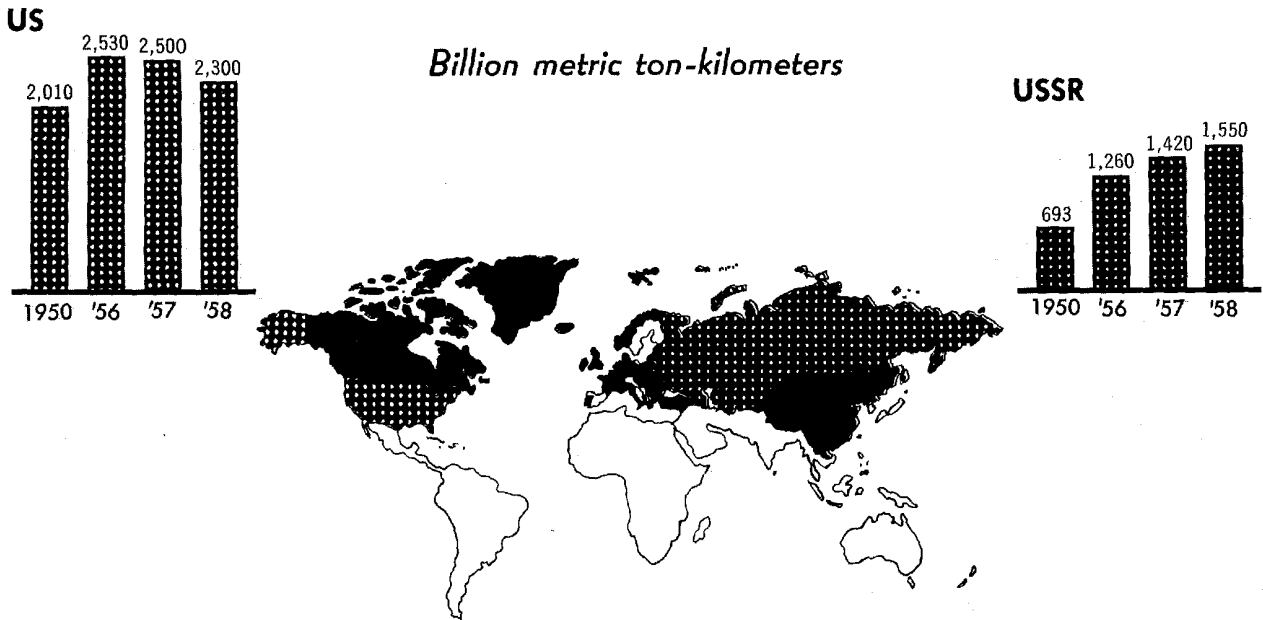
<sup>c</sup> Factory sales, including parts shipped for assembly abroad.

<sup>d</sup> Shipments.

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Figure 17

### COMPARISON OF TON-KILOMETER PERFORMANCE BY INLAND TRANSPORT IN THE US AND THE USSR, SELECTED YEARS, 1950-58



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Table 105  
 Inland Transport Performance<sup>a</sup> in Ton-Kilometers in the US and the USSR  
 1950 and 1955-58

Country	Billion Metric Ton-Kilometers				
	1950	1955	1956	1957	1958
Total US	2,010*	2,400*	2,530*	2,500*	2,300*
Railroads	918*	956*	988*	941*	839*
Motor vehicles <sup>b</sup>	325*	421*	463*	470*	474*
Domestic shipping <sup>c</sup>	579*	726*	745*	767*	676*
Petroleum pipelines	189*	297*	336*	325*	308*
Total USSR	693*	1,130*	1,260*	1,420*	1,550
Railroads	602*	971*	1,079*	1,213*	1,302*
Motor vehicles <sup>b</sup>	20*	42*	48*	62*	77
Domestic shipping <sup>d</sup>	66*	102*	112*	123*	139*
Petroleum pipelines	5*	15*	20*	27*	34*

<sup>a</sup> Excluding airfreight transport.

<sup>b</sup> Highway freight traffic, including urban and rural traffic.

<sup>c</sup> Domestic freight by water, including inland waterway freight and estimated coastal and intercoastal freight traffic.

<sup>d</sup> Domestic freight by water, including totals for inland waterway freight plus 50 percent of the freight carried by the maritime fleet.



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Table 106  
Railroad Freight Traffic in Ton-Kilometers \*  
1950, 1955-59, and 1965 Plan

Country	Billion Metric Ton-Kilometers						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup> .....	1,150*	1,220*	1,270*	1,220*	1,100*	1,130*	
US .....	917.54*	955.66*	988.36*	941.31*	839.13*	870.00*	
Sino-Soviet Bloc .....	730*	1,210*	1,350*	1,510*	1,660*	1,870	
USSR .....	602.30*	970.90*	1,079.10*	1,212.80*	1,302.00*	1,429.00*	1,850.00*
Communist China .....	39.41*	98.15*	120.35*	134.59*	185.52*	263.40*	
North Korea .....	2.48*	3.79*	4.29*	5.07*	6.29*	7.80*	
North Vietnam .....	N.A.	0.03	0.11	0.12	0.29	0.59	
European Satellites ..	85.7*	139*	144*	157*	164*	173	
Albania .....	0.01*	0.02*	0.02*	0.03*	0.03*	0.03	
Bulgaria .....	2.58*	4.12*	4.48*	4.93*	5.37*	6.10	
Czechoslovakia .....	18.63*	31.70*	34.28*	39.54*	42.70*	43.80	
East Germany .....	16.35*	28.71*	29.57*	31.19*	32.20*	33.12	
Hungary .....	5.41*	8.78*	8.15*	9.47*	9.98*	10.50	
Poland .....	35.14*	51.97*	52.10*	55.26*	57.20*	62.20	
Rumania .....	7.61*	14.08*	15.26*	16.12*	16.23*	17.50	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium <sup>c</sup> .....	5.77*	5.97*	Italy <sup>d, e</sup> .....	13.07*	13.37*	Portugal .....	0.74*	0.76*
Canada .....	96.83*	101.00*	Luxembourg <sup>f</sup> .....	0.58*	0.57*	Turkey .....	5.06*	4.88*
Denmark <sup>d, e</sup> .....	1.36*	1.30*	Netherlands <sup>h</sup> .....	3.12*	3.20*	UK <sup>i, k</sup> .....	30.13*	28.97*
France .....	52.88*	53.38*	Norway <sup>d, i, j</sup> .....	1.42*	1.40*	West Germany <sup>d</sup> .....	45.91*	47.84*
Greece <sup>f</sup> .....	0.36*	0.36*						

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
India <sup>l, o, 1</sup> .....	73.85*	N.A.*	Japan <sup>o, m</sup> .....	44.72*	47.83*	Yugoslavia <sup>1</sup> .....	13.03*	13.99*

\* Unless otherwise indicated, data refer to net metric ton-kilometers and include all goods and live-stock carried by trains other than plantation, industrial, mining, funicular, and cable railroads but exclude service traffic, mail, and nonrevenue government stores. Data for the US specifically include revenue and nonrevenue freight traffic on Class I and II railroads and on electric railroads. For other specific exceptions, see footnotes for individual countries.

<sup>b</sup> Excluding Iceland.

<sup>c</sup> Full carloads only; excluding military traffic.

<sup>d</sup> State railroads.

<sup>e</sup> Twelve months beginning 1 April of the stated year.

<sup>f</sup> Including military and government traffic.

<sup>g</sup> Excluding livestock.

<sup>h</sup> Full carloads only.

<sup>i</sup> Including service traffic.

<sup>j</sup> Twelve months beginning 1 July of the stated year.

<sup>k</sup> Excluding Northern Ireland.

<sup>l</sup> Government railroads, broad and meter gauge only.

<sup>m</sup> Including revenue service traffic.

Table 107  
 Railroad Freight Traffic in Tons Originated<sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Million Metric Tons Originated						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	2,250*	2,390*	2,510*	2,440*	2,150*	2,180*	
US	1,289.01*	1,323.36*	1,379.99*	1,314.52*	1,131.63*	1,117.00*	
Sino-Soviet Bloc	1,410*	2,200	2,370	2,560	2,840	3,200	
USSR	834.30*	1,267.00*	1,371.00*	1,487.70*	1,616.90*	1,763.80*	2,372.00*
Communist China	99.83*	193.76*	246.05*	274.20*	381.09*	542.00*	
North Korea	11.27*	16.76*	18.23*	21.46*	28.03*	35.04*	
North Vietnam	N.A.	0.43	1.06	1.20	2.60	5.20	
European Satellites	465*	722*	735*	780*	811*	853	
Albania	0.24*	0.35*	0.35*	0.49*	0.56*	0.60	
Bulgaria	14.04*	23.75*	25.51*	27.64*	29.70*	34.30	
Czechoslovakia	96.01*	140.22*	149.02*	159.86*	174.00*	181.00	
East Germany	128.50*	207.51*	210.21*	220.30*	227.16*	231.80	
Hungary	40.88*	67.82*	61.12*	70.30*	75.70*	78.80	
Poland	150.30*	223.70*	226.50*	236.20*	237.50*	254.70	
Rumania	35.07*	58.96*	62.02*	65.27*	66.60*	71.40	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium <sup>c</sup>	57.35*	57.83*	Italy <sup>d,e</sup>	46.92*	50.10*	Portugal	3.77*	3.77*
Canada	139.20*	172.00*	Luxembourg <sup>f</sup>	16.86*	16.60*	Turkey	15.62*	15.40*
Denmark <sup>d</sup>	6.95*	6.58*	Netherlands	23.59*	24.40*	UK <sup>g</sup>	246.77*	238.01*
France	211.88*	212.70*	Norway <sup>d,h,i</sup>	5.38*	5.23*	West Germany <sup>d</sup>	244.75*	254.36*
Greece <sup>t</sup>	2.32*	2.30*						

Other Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
India <sup>o,k</sup>	131.33*	N.A.*	Japan <sup>o,l</sup>	159.19*	168.58*	Yugoslavia <sup>l</sup>	57.29*	60.74*

<sup>a</sup> Unless otherwise indicated, data refer to the total volume of traffic during the calendar year. Performance data for NATO countries other than the US; for the European Satellites; and for India, Japan, and Yugoslavia are for million metric tons carried. Data for all other countries are for million metric tons originated.

<sup>b</sup> Excluding Iceland.

<sup>c</sup> Full carloads only; excluding military traffic.

<sup>d</sup> State railroads.

<sup>e</sup> Twelve months beginning 1 April of the stated year.

<sup>f</sup> Including military and government traffic.

<sup>g</sup> Excluding livestock.

<sup>h</sup> Twelve months beginning 1 July of the stated year.

<sup>i</sup> Including service traffic.

<sup>j</sup> Excluding Northern Ireland.

<sup>k</sup> Government railroads, including service traffic.

<sup>l</sup> Including revenue service traffic.

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Table 108  
Highway Freight Traffic <sup>a</sup> in Ton-Kilometers in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Million Metric Ton-Kilometers						
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>b</sup>	325,000*	421,000*	463,000*	470,000*	474,000*	N.A.*	
Sino-Soviet Bloc	25,000	55,800	63,700	78,800	98,200	117,000	
USSR	20,100*	42,500*	48,500*	61,700*	76,800	87,600*	146,000*
Communist China	380	2,520*	3,490*	3,940*	6,960*	12,000	
North Korea	27* <sup>c</sup>	138*	129*	189*	203*	291*	
North Vietnam	N.A.	28	31 <sup>d</sup>	40	43	46	
European Satellites <sup>e</sup>	4,530	10,600	11,500	12,900	14,100	17,200	
Albania	35*	93*	110*	133*	144*	166	
Bulgaria <sup>f</sup>	150*	260*	270*	294*	332*	444	
Czechoslovakia	1,248	2,700*	3,100*	3,500*	4,000*	4,700	
East Germany	1,945*	3,194*	3,492*	3,918*	4,147*	4,396	
Hungary	93*	590*	588*	600*	604*	613	
Poland	1,018	3,500	3,700	4,100	4,500	4,900	
Rumania	42*	272*	286*	375*	422*	500	

<sup>a</sup> Unless otherwise indicated, including traffic by trucks, whether on improved roads or not, but excluding primitive modes of transportation.

<sup>b</sup> Including urban and rural traffic. Data from the US Bureau of Public Roads for 1950 and 1955-56 have been revised downward by an arbitrary 4 percent in lieu of a revision now in process by the Bureau of Public Roads.

<sup>c</sup> 1949.

<sup>d</sup> Plan.

<sup>e</sup> Except for Bulgaria, data refer to traffic by state automotive transport organizations, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

<sup>f</sup> Traffic by common-carriers only.

Table 109  
Highway Freight Traffic in Tons Originated in the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Million Metric Tons Originated						
	1950	1955	1956	1957	1958	1959	1965 Plan
Sino-Soviet Bloc	2,180	4,500	5,070	6,200	7,640	8,830	
USSR	1,859.2*	3,730.0*	4,200.9*	5,216.4*	6,474.4*	7,361.3*	10,500*
Communist China	9.2* <sup>a</sup>	49.0*	79.1*	83.7*	176.3*	344.0*	
North Korea	1.1* <sup>b</sup>	8.8*	9.2*	13.9*	17.5*	28.9*	
North Vietnam	N.A.	1.4	1.6	1.9	2.2	2.3	
European Satellites <sup>c</sup>	307*	710*	781*	886	974*	1,090	
Albania	0.5*	1.4*	1.6*	1.9*	2.1*	2.4	
Bulgaria <sup>d</sup>	6.6*	9.5*	9.6*	10.9*	14.5*	22.4	
Czechoslovakia	111.0*	222.5*	257.8*	304.9*	334.8*	395.1*	
East Germany	87.3*	169.1*	187.4*	208.5*	226.6*	244.6	
Hungary	6.7*	36.8*	39.7*	40.3*	43.9*	46.6	
Poland	93.9*	263.0*	275.7*	306.1	330.0*	351.0	
Rumania	1.1*	7.3*	9.0*	13.8*	22.2*	32.7	

<sup>a</sup> Tariff tons.

<sup>b</sup> 1949.

<sup>c</sup> Tons carried. Except for Bulgaria, data refer to traffic by state automotive transport organizations, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

<sup>d</sup> Traffic by common-carriers only.

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Table 110  
Inland Water Freight Traffic in Ton-Kilometers  
1950, 1955-59, and 1965 Plan

Country	Million Metric Ton-Kilometers						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	112,000*	200,000*	223,000*	233,000*	223,000*	N.A.*	
US <sup>b</sup>	75,417*	142,584*	159,594*	167,256*	159,328*	N.A.*	
Sino-Soviet Bloc <sup>c</sup>	52,100	88,200	93,300	103,000	117,000	141,000	
USSR	46,200*	67,700*	70,500*	76,400*	85,500*	94,000	140,000* <sup>d</sup>
Communist China	1,948	14,250	16,900	20,120	25,070	40,200	
European Satellites	3,910	6,210	5,860	6,470	6,680	7,260	
Bulgaria	158*	372*	395*	428*	391*	497	
Czechoslovakia	764*	1,485*	1,472*	1,604*	1,784*	2,000	
East Germany	1,579*	2,168*	2,268*	2,498*	2,398*	2,400	
Hungary	478	765	598	680	835	860	
Poland	264	774	627	707	690	700	
Rumania	669*	648*	496*	548*	585*	800	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	4,602*	4,326*	Netherlands	17,184*	16,962*	West Germany	33,953*	32,783*
France	9,771*	9,425*	UK	286*	272*			

<sup>a</sup> Including Belgium, France, the Netherlands, the UK, the US, and West Germany.

<sup>b</sup> Excluding traffic on the Great Lakes. Reporting coverage increased slightly after 1952.

<sup>c</sup> Data for North Korea and North Vietnam are included with ocean freight traffic in Table 112, p. 88, below.

<sup>d</sup> Estimated performance for 1965.

Table 111  
Inland Water Freight Traffic in Tons Originated  
1950 and 1955-59

Country	Million Metric Tons Originated <sup>a</sup>					
	1950	1955	1956	1957	1958	1959
NATO <sup>b</sup>	N.A.*	694*	739*	761*	722*	N.A.*
US <sup>c</sup>	270.06*	328.90*	348.45*	355.52*	332.48*	N.A.*
Sino-Soviet Bloc	113	190	206	225	262	312
USSR	91.80*	139.50*	147.10*	159.20*	178.30*	192.00*
Communist China	5.62	26.67	35.97	40.49	56.70	91.40
North Korea <sup>d</sup>	0.49	0.81	0.98	1.10	1.98	2.76
European Satellites	15.2	23.3	22.4	24.0	25.2	25.7
Bulgaria	0.43*	0.92*	0.99*	1.08*	1.15*	1.30
Czechoslovakia	1.34*	2.84*	2.65*	2.93*	3.25*	3.40
East Germany	10.00*	12.90*	13.46*	14.44*	14.86*	14.90
Hungary	1.11	1.75	1.51	1.55	1.88	1.90
Poland	1.24	3.31	2.45	2.55	2.46	2.60
Rumania	1.11*	1.60*	1.30*	1.41*	1.56*	1.63

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	55.72*	51.23*	Italy	2.33*	2.39*	UK	10.06*	9.45*
France	65.68*	63.47*	Netherlands	129.07*	126.14*	West Germany	142.33*	137.14*

<sup>a</sup> Data for the USSR, Communist China, and North Korea refer to tons originated; data for NATO countries and European Satellite countries refer to tons carried.

<sup>b</sup> Including Belgium, France, Italy, the Netherlands, the UK, the US, and West Germany.

<sup>c</sup> Including all inland, intraport, and local water traffic and excluding Great Lakes traffic.

<sup>d</sup> Including both inland and coastal water freight traffic.

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Table 112  
 Ocean Freight Traffic in Ton-Kilometers in the Sino-Soviet Bloc  
 1950, 1955-59, and 1965 Plan

Country	Million Metric Ton-Kilometers						
	1950	1955	1956	1957	1958	1959	1965 Plan <sup>a</sup>
Sino-Soviet Bloc	50,800	99,400	116,000	132,000	157,000	185,000	
USSR <sup>b</sup>	39,700*	68,900*	82,400*	92,700*	106,300*	115,200*	233,800
Communist China <sup>c</sup>	952	10,190	11,310	14,270	18,840	28,600	85,400
North Korea <sup>d</sup>	27*	23*	31*	37*	69*	104*	
North Vietnam <sup>d</sup>	N.A.	64	137 <sup>e</sup>	145	174	266* <sup>o</sup>	
European Satellites <sup>f</sup>	10,100*	20,200*	22,000*	25,300*	31,600	41,100	
Albania <sup>g</sup>	11*	17*	17*	33*	34	300	980
Bulgaria <sup>g</sup>	325*	919*	1,095*	1,554*	2,099*	2,050	9,800
Czechoslovakia	0*	2,196*	2,375*	2,220*	2,325*	2,800	12,200
East Germany <sup>g</sup>	Negl.*	480*	412*	833*	3,738*	6,300	23,400
Hungary	59*	82*	107*	130*	150*	175	620
Poland <sup>h</sup>	9,090*	15,806*	17,391*	19,662*	22,335*	28,540	57,960
Rumania <sup>g</sup>	611*	712*	628*	914*	940*	945	4,400

<sup>a</sup> Estimated performance for 1965.

<sup>b</sup> Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

<sup>c</sup> Coastal traffic only.

<sup>d</sup> Including both coastal and inland water traffic.

<sup>e</sup> Plan.

<sup>f</sup> Including performance of vessels of less than 1,000 gross register tons.

<sup>g</sup> Including both coastal and international freight traffic.

<sup>h</sup> May exclude the performance of 9 to 16 ships flying the Polish flag but not controlled by Poland. (There were 16 ships totaling 165,000 deadweight tons at the end of 1959 in this category.) It is possible that the performance of one-half of these is included, but no definite information is available.

Table 113  
 Passenger-Kilometers Flown by Civil Air Carriers in the US and the USSR  
 1950, 1955-59, and 1965 Plan

Country	Billion Passenger-Kilometers						
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>a</sup>	16.43*	39.01*	44.24*	50.07*	50.43*	56.62*	
USSR <sup>b</sup>	1.22	2.90	3.26	4.76	7.84*	11.60*	47.00 <sup>c</sup>

<sup>a</sup> Revenue passenger-kilometers.

<sup>b</sup> Including scheduled operations of Aeroflot, the civil carrier of the Main Administration of the Civil Air Fleet, but excluding Polar Aviation, regional carriers, and special services.

<sup>c</sup> Estimated performance for 1965.

Table 114  
 Passengers Carried by Civil Air Carriers in the US and the USSR  
 1950, 1955-59, and 1965 Plan

Country	Thousand Passengers						
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>a</sup>	19,020*	41,441*	45,687*	52,984*	52,724*	56,116*	
USSR	1,410	2,540*	3,050*	5,150*	8,040*	11,900*	48,240 <sup>b</sup>

<sup>a</sup> Revenue passengers carried, including both domestic and international unduplicated air operations. Because of changes in the reporting procedure of the Civil Aeronautics Board, data for 1957-59 are not strictly comparable to previous years.

<sup>b</sup> Estimated performance for 1965.

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**Table 115**  
Petroleum Pipeline Transportation in Ton-Kilometers in the US and the USSR  
1951-59 and 1965 Plan

Country	Billion Metric Ton-Kilometers									
	1951	1952	1953	1954	1955	1956	1957	1958	1959	1965 Plan
US	222.1*	229.9*	248.0*	261.6*	296.7*	335.7*	325.2*	308.5*	N.A.*	
USSR	5.5*	6.4*	7.6*	10.2*	14.7*	20.5*	26.6*	33.8*	41.0*	185.0* <sup>a</sup>

<sup>a</sup> The plan may be revised downward if the original construction plan is not fulfilled.

**Table 116**  
Petroleum Pipeline Transportation in Tons Originated in the US and the USSR  
1951-59 and 1965 Plan

Country	Million Metric Tons Originated									
	1951	1952	1953	1954	1955	1956	1957	1958	1959	1965 Plan
US	279.8*	289.4*	302.1*	305.7*	343.8*	374.0*	372.9*	361.2*	N.A.*	
USSR	18.4*	23.2*	29.4*	39.7*	51.7*	65.3*	80.9*	94.7*	111.0*	170.0*

**Table 117**  
Inventory of Locomotives<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	108,000*	89,600*	88,200*	87,100*	83,700*	N.A.*	
US	42,951*	33,533*	32,593*	32,391*	31,616*	31,300*	
Sino-Soviet Bloc	41,000	52,000	59,400	59,900	60,000	59,800	
USSR	31,468	34,820	35,559	35,569	35,979	34,169	26,343 <sup>c</sup>
Communist China	N.A.	3,500	3,680	3,850	4,250	5,550	
North Korea	N.A.	N.A.	N.A.	330	N.A.	N.A.	
North Vietnam	N.A.	60	60	60	60	60	
European Satellites	9,570	13,700	20,100	20,100	19,700	20,000	
Albania	7	7	7	7	7	9	
Bulgaria	571	604	624	624	625	625	
Czechoslovakia	N.A.	5,134*	5,093*	5,101*	5,101*	5,144*	
East Germany	6,762	N.A.	6,478	6,020	5,670	5,900	
Hungary	2,231*	2,322*	2,337	2,352	2,385	2,400	
Poland	N.A.	5,600	5,600	5,957	5,957	5,957	

**NATO Countries**

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	1,902*	1,716*	Italy	5,518*	4,897*	Portugal	501*	487*
Canada	4,821*	4,823*	Luxembourg	124*	123*	Turkey	989*	946*
Denmark	681*	503*	Netherlands	713*	697*	UK <sup>d</sup>	17,879*	17,381*
France	9,751*	9,211*	Norway	517*	415*	West Germany	11,093*	10,684*

<sup>a</sup> Including diesel-electric, steam, and electric locomotives. Unless otherwise indicated, data are as of the end of the year.

<sup>b</sup> Excluding for 1956-59, Greece, and for all years, Iceland.

<sup>c</sup> Estimated inventory for 1965.

<sup>d</sup> Including Northern Ireland.

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Table 118  
Inventory of Railroad Freight Cars<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>b</sup>	2,009.0*	1,997.0*	1,978.0*	2,022.5*	1,999.6*	1,960.0*	
USSR <sup>c</sup>	784.1	832.2	846.2	859.6	875.9	889.0	969.7 <sup>d</sup>
Communist China <sup>e</sup>	50.0	74.0	80.0	86.0	97.0	115.0	
North Korea <sup>e</sup>	N.A.	N.A.	N.A.	12.0	12.3	12.9	
North Vietnam	N.A.	0.7	0.7	0.7	0.7	0.7	
Bulgaria	12.6	16.8	17.6	18.4	19.2	22.0	
Czechoslovakia	N.A.	119.6*	112.4*	122.4*	125.0*	128.4*	
East Germany	99.8	145.7	145.6	146.0	147.0	148.2	
Hungary	52.2*	58.2*	58.2	58.2	58.2	59.6*	
Poland	149.6	186.1	192.2	195.6	196.7	210.3	
Rumania	N.A.	52.2	48.3	51.3	53.2	55.1	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	77.8*	78.9*	Italy	129.5*	131.3*	Portugal	10.1*	10.2*
Canada	197.9*	196.9*	Luxembourg	3.7*	3.7*	Turkey	17.2*	17.1*
Denmark	13.5*	13.3*	Netherlands	24.2*	23.2*	UK	1,105.0*	1,020.0*
France	375.3*	373.7*	Norway	12.6*	12.5*	West Germany	303.9*	304.3*
Greece	5.7*	N.A.*						

Other Countries

Country	1957	1958	Country	1957	1958
India	269.9*	290.3*	Japan <sup>f</sup>	107.2*	112.0*

<sup>a</sup> Including cars of two, four, or more axles. The size of the car is given in the footnotes if it is known. Because of the lack of comparability in data, totals for NATO and the Sino-Soviet Bloc are omitted. Unless otherwise indicated, data are as of the end of the year.

<sup>b</sup> All freight cars in the US have four axles or more.

<sup>c</sup> Of the freight cars in the USSR, 70 percent were four-axle or multiaxle units in 1958, and 86 percent are to be four-axle or multiaxle by 1965.

<sup>d</sup> Estimated inventory for 1965.

<sup>e</sup> Most Chinese Communist and North Korean cars have four axles.

<sup>f</sup> State railroad cars only.

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Table 119  
Inventory of Trucks <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	N.A.*	14,700*	15,400*	15,800*	16,200*	N.A.*	
US	8,272.2*	9,893.4*	10,261.8*	10,492.6*	10,659.3*	N.A.*	
Sino-Soviet Bloc	692	1,610	1,840	2,070	2,390	2,730	
USSR	602.3*	1,275.0*	1,453.3*	1,648.1*	1,947.7*	2,250.0	3,350
Communist China	40.0	65.0	72.0*	80.0	96.0	110.0	
North Korea	N.A.	N.A.	10.0	11.5	N.A.	N.A.	
North Vietnam	N.A.	N.A.	3.0	3.0	3.0	3.0	
European Satellites	N.A.	297	299	327	345	371	
Albania	1.2	1.4	1.7	2.0	2.2	2.4	
Bulgaria	N.A.	9.0	10.0	10.0	15.0	15.0	
Czechoslovakia	N.A.	61.5	70.0	75.0	76.0	85.3	
East Germany	N.A.	89.1	95.2	104.4	105.8	110.0	
Hungary	9.3 <sup>c</sup>	23.0	24.5	26.0	27.5	29.0	
Poland	39.5	73.2*	82.8*	93.5*	101.4*	111.5	
Rumania	N.A.	10.0	15.0	16.0	17.0	17.6	

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	N.A.*	158.7*	Iceland <sup>d</sup>	5.9*	N.A.*	Portugal	52.6*	57.3*
Canada	1,025.3*	1,067.6*	Italy	480.2*	511.6*	Turkey	N.A.*	36.9*
Denmark	114.3*	127.3*	Luxembourg	7.0*	7.6*	UK	1,257.0*	1,289.0*
France	1,338.4*	1,432.1*	Netherlands	123.9*	130.0*	West Germany	636.9*	644.4*
Greece	N.A.*	25.8*	Norway	89.7*	94.5*			

<sup>a</sup> Data for NATO are based on census or registration numbers of civilian vehicles in the years for which those data are available; otherwise, the officially estimated number of vehicles in use is shown. Unless otherwise indicated, data for the Sino-Soviet Bloc refer to civilian vehicles as of the end of the year.

<sup>b</sup> Total for 1955 includes data for 1954 for Belgium and Greece. Total for 1957 includes data for 1956 for Belgium, Greece, and Turkey. Total for 1958 includes data for 1957 for Iceland.

<sup>c</sup> 1949.

<sup>d</sup> Including motor coaches and buses.



Table 120  
Inventory of Merchant Fleet\*  
1950 and 1956-59

Country	1950		1956		1957		1958		1959	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
NATO <sup>b</sup>	9,530*	60,400*	10,200*	68,500*	10,300*	69,600*	10,500*	72,700*	10,800*	76,700*
US <sup>c</sup>	3,516*	26,114*	3,238*	24,772*	3,032*	23,468*	3,047*	23,840*	3,047*	24,220*
Sino-Soviet Bloc	573	1,880	807	2,760	868	3,080	962	3,550	1,050	4,010
USSR <sup>d</sup>	471	1,564	647	2,225	676	2,407	721	2,629	764	2,844
Communist China	41	103	68	169	84	216	108	327	125	414
European Satellites	61*	217*	92*	369*	108*	460*	133*	598*	157*	750*
Albania	0*	0*	0*	0*	0*	0*	0*	0*	3*	7*
Bulgaria	4*	10*	6*	20*	8*	28*	9*	30*	11*	33*
Czechoslovakia	0*	0*	3*	17*	3*	17*	5*	33*	8*	62*
East Germany	0*	0*	3*	8*	5*	22*	15*	82*	21*	115*
Hungary	2*	2*	4*	4*	5*	6*	6*	7*	6*	7*
Poland <sup>e</sup>	49*	176*	69*	289*	80*	356*	91*	416*	101*	496*
Rumania	6*	28*	7*	31*	7*	31*	7*	31*	7*	31*

Country	1958		1959	
	Number	Thousand GRT	Number	Thousand GRT
Belgium	522*	2,247*	49*	200*
Canada	289*	1,143*	263*	1,043*
Denmark	1,877*	7,800*	2,011*	8,400*
France	4,085*	17,400*	4,310*	17,800*
Greece	1,575*	6,500*	1,575*	6,500*
Iceland	49*	200*	49*	200*
Italy	4,654*	19,400*	4,654*	19,400*
Netherlands	4,034*	16,500*	4,034*	16,500*
Norway	8,956*	36,200*	8,956*	36,200*
Portugal	423*	1,700*	423*	1,700*
Turkey	527*	2,100*	527*	2,100*
UK	18,292*	73,000*	18,292*	73,000*
West Germany	3,577*	14,300*	3,577*	14,300*

\* Including vessels of 1,000 gross register tons (GRT) or more and excluding coastal passenger ships.

<sup>b</sup> Excluding Luxembourg. Data are as of midyear.

<sup>c</sup> Including both private and government-owned fleets. Data are as of midyear.

<sup>d</sup> Excluding the Caspian Sea fleet.

<sup>e</sup> Except for 1950, data include a varying number of ships flying the Polish flag but not controlled by Poland. At the end of 1959, there were 16 ships, totaling 114,300 GRT.

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Table 121  
Volume of Construction in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Unit of measure	Value*							
		1950	1955	1956	1957	1958	1959	1965 Plan	
US <sup>b</sup>	Billion 1947-49 dollars	26.6*	35.3*	34.7*	34.9*	35.4*	38.4*		
USSR <sup>c</sup>	Billion 1 July 1955 rubles	53.1*	100*	113*	129*	150*	174*	260 <sup>d</sup>	
Communist China	Billion yuan <sup>e</sup>	N.A.	5.58*	8.88*	8.28*	16.02*	14.88*		
North Korea	Billion won <sup>e</sup>	N.A.	N.A. <sup>f</sup>	80.6* <sup>g</sup>	27.1*	34.1*	41.9*		
Albania	Billion 1955 leks	1.07*	2.40*	2.27*	2.82*	3.55	4.50		
Bulgaria	Billion 1 April 1956 leva	1.61*	2.80*	2.80*	2.31*	2.70*	3.30	9.25*	
Czechoslovakia	Billion 1958 korunas	9.96*	15.9*	17.8*	19.5*	21.4*	24.6*	37.0*	
East Germany	Billion DME <sup>h</sup>	2.43*	4.30*	4.81*	5.41*	5.68*	6.76*	11.8*	
Hungary	Billion current forints	6.76*	11.2*	11.3*	13.2*	14.3*	15.5* <sup>h</sup>	25.0*	
Poland	Billion 1956 zlotys	11.9*	28.0*	36.8*	44.4*	48.1*	48.9*	80.0	
Rumania	Billion 1 January 1955 lei	3.34*	7.79*	9.13*	7.99*	8.23*	9.65		

\* Because of the difficulty of determining valid exchange rates, data are not presented in terms of a common currency. Rates of exchange are given in Table 140, p. 108, below, but these exchange rates should be used with caution because they have been established and maintained arbitrarily.

<sup>b</sup> Data for the US include farm construction and private housing construction.

<sup>c</sup> Data for the USSR do not include construction work on collective farms and private housing construction.

<sup>d</sup> Estimated volume of construction for 1965.

<sup>e</sup> Believed to be in current prices.

<sup>f</sup> Total for 1954-56 (Three Year Plan).

<sup>g</sup> Deutsche Mark East. Believed to be in current prices.

<sup>h</sup> Plan.

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Table 122  
New Urban Housing Construction in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	Thousand Square Meters						
	1950	1955	1956	1957	1958	1959	1965 Plan
US <sup>a</sup>	108,722*	126,221*	110,563*	106,998*	128,695*	151,686*	
USSR	24,200*	33,400*	41,000*	52,000*	71,200*	80,000*	
Communist China	N.A.	14,460*	25,230*	28,160*	26,420*	N.A.	
North Korea	N.A.	N.A.	6,100* <sup>b</sup>	1,540*	N.A.	N.A.	
North Vietnam	N.A.	N.A.	N.A.	85* <sup>c</sup>	N.A.	N.A.	
Albania <sup>d</sup>	6	14	5	10	14	21	
Bulgaria <sup>d</sup>	339	898	769	760	860	930	
Czechoslovakia <sup>d</sup>	2,289	2,127	2,032	2,391	2,130	2,638	
East Germany <sup>d</sup>	1,350	1,440	1,410	2,480	2,500	3,130	4,330
Hungary <sup>d</sup>	425	664	397	1,106	874	944	
Poland <sup>d, e</sup>	2,198	2,740	2,683	3,332	3,714	3,772	
Rumania <sup>d</sup>	370	1,228	1,408	1,586	1,675	2,159	

<sup>a</sup> Although US data are estimated from a fairly large sector of the economy, these data are not a completely representative sample. It is possible, therefore, that the actual area of urban housing construction is underestimated by as much as 20 percent.

<sup>b</sup> Total area constructed during 1954-56.

<sup>c</sup> Total area constructed during 1955-57.

<sup>d</sup> Thousand square meters of usable area.

<sup>e</sup> Excluding "workers settlements."

Table 123  
Production of Cement <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	89,800*	111,000*	128,000*	126,000*	130,000*	143,000*	
US	39,146*	52,822*	55,970*	52,403*	54,653*	60,400*	
Sino-Soviet Bloc	20,500	41,000	46,500*	52,700*	61,800*	73,000*	
USSR	10,194*	22,484*	24,858*	28,896*	33,306*	38,800*	75,000 to 81,000*
Communist China	1,410	4,500*	6,390*	6,860*	9,300*	12,270*	
North Korea	350	350	597*	895*	1,244*	1,544*	
North Vietnam	143*	8*	197*	165*	302*	381*	
European Satellites	8,370*	13,600*	14,500*	15,900*	17,600*	20,000*	
Albania	16*	45*	65*	70*	78*	74*	
Bulgaria	602*	812*	859*	880*	934*	1,433*	4,000*
Czechoslovakia	1,998*	2,892*	3,148*	3,672*	4,110*	4,744*	8,600*
East Germany	1,412*	2,971*	3,269*	3,460*	3,558*	4,205*	7,975*
Hungary	797*	1,175*	995*	989*	1,302*	1,433*	
Poland	2,514*	3,813*	4,035*	4,496*	5,058*	5,308*	10,000*
Rumania	1,028*	1,936*	2,098*	2,355*	2,572*	2,850*	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	4,056*	4,439*	Italy	12,600*	14,074*	Saar	338*	331*
Canada	5,724*	5,696*	Luxembourg	196*	N.A.*	Turkey	1,512*	1,740*
Denmark	1,068*	1,385*	Netherlands	1,366*	1,600*	UK	11,856*	12,885*
France	13,632*	14,192*	Norway	1,031*	1,106*	West Germany	19,392*	22,849*
Greece	1,361*	1,420*	Portugal	1,024*	1,031*			

<sup>a</sup> Data refer, as nearly as possible, to all types of hydraulic cements used for construction.

<sup>b</sup> Excluding for all years, Iceland, and for 1959, Luxembourg.

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## COMPARISON OF PRODUCTION OF CEMENT IN SELECTED AREAS SELECTED YEARS, 1950-59, AND 1965 PLAN

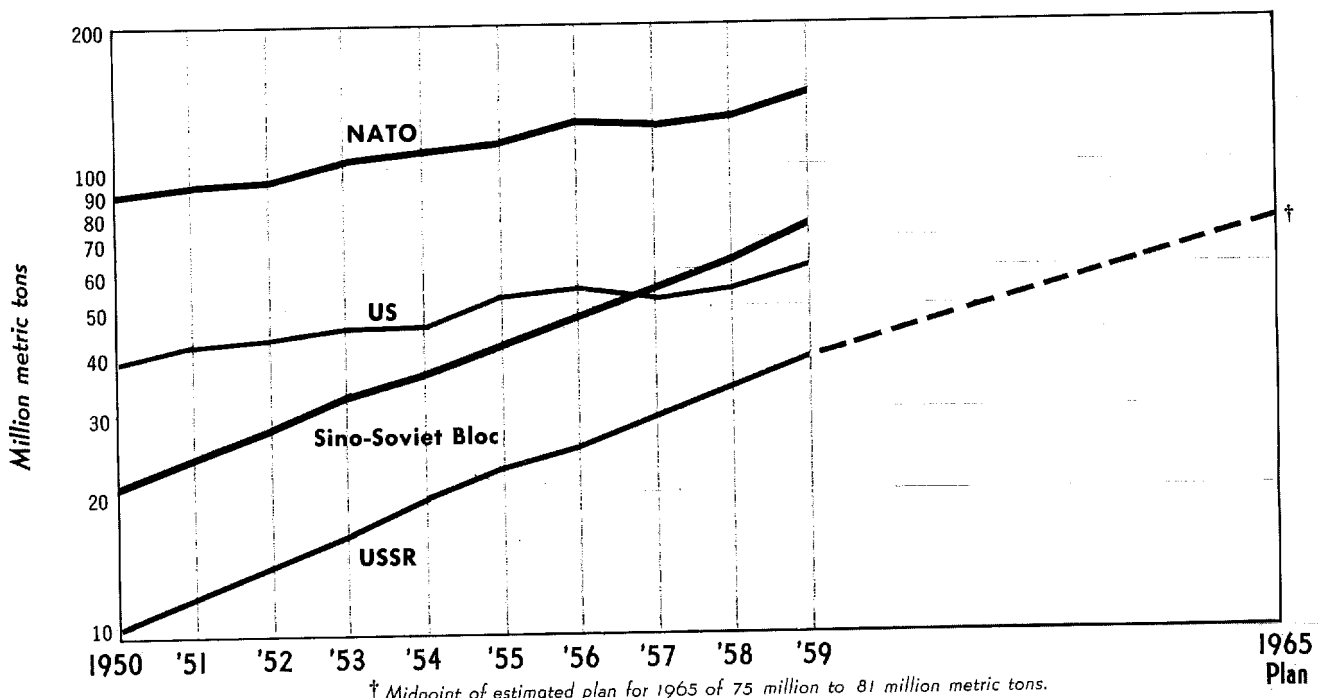
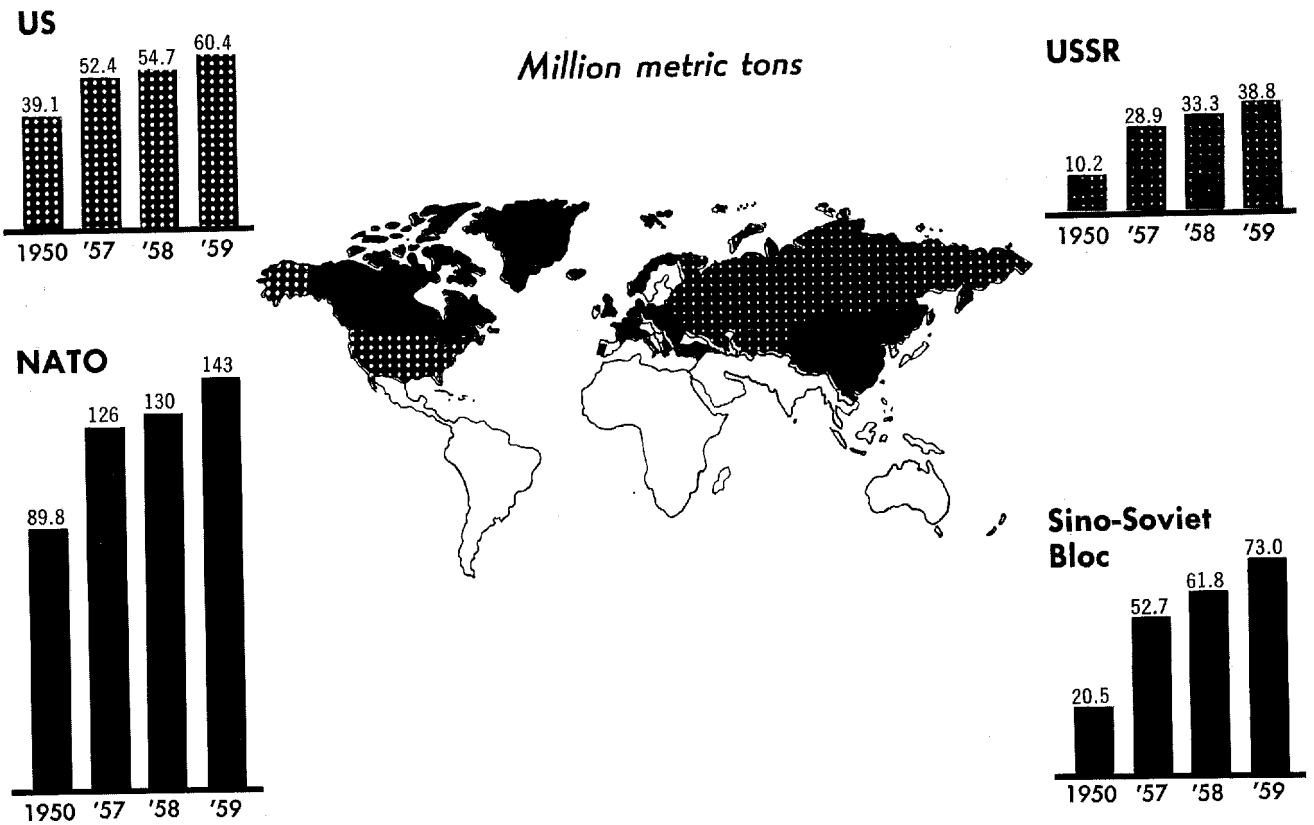


Table 124  
 Production of Bricks  
 1950, 1955-59, and 1965 Plan

Country	Million Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	22,400*	29,300*	29,400*	28,000*	26,100*	28,300*	
US	6,333*	7,902*	8,085*	6,660*	6,492*	7,296*	
Sino-Soviet Bloc	15,300*	30,200*	31,400*	55,200*	78,500*	N.A.	
USSR	10,179*	20,825*	21,569*	24,673*	28,340*	32,000*	
Communist China <sup>b</sup>	N.A.	N.A.	N.A.	20,000*	40,000*	N.A.	
North Korea	N.A.	620*	694*	736*	N.A.	N.A.	
European Satellites	5,090*	8,780*	9,150*	9,760*	10,200*	11,400	
Albania	14*	58*	61*	68*	76*	125*	
Bulgaria	237*	444*	553*	489*	575*	758*	
Czechoslovakia <sup>c</sup>	865*	1,668*	1,826*	2,007*	2,196*	2,323*	3,430*
East Germany	1,356*	1,963*	1,954*	2,148*	2,187*	2,347*	
Hungary <sup>d</sup>	820*	1,237*	1,238*	1,421*	1,416*	1,659*	
Poland	1,426*	2,740*	2,786*	2,936*	3,000*	3,412*	5,300*
Rumania	371*	668*	736*	690*	755*	820	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	2,210*	2,148*	Netherlands	1,517*	1,536*	UK <sup>e</sup>	6,440*	6,972*
Canada <sup>f</sup>	541*	545*	Norway	85*	N.A.*	West Germany	5,409*	6,120*
Italy <sup>g</sup>	3,344*	3,580*	Saar	71*	63*			

<sup>a</sup> Excluding for all years, France, Iceland, Portugal, and Turkey; for 1958-59, Denmark and Greece; for 1955-59, Luxembourg; and for 1959 only, Norway.

<sup>b</sup> Claimed brick production in Communist China probably includes all brick produced, the major share of which comes from kiln installations of a native type. Other data probably include production from modern or semimodern installations.

<sup>c</sup> Data for 1955-59 and the plan for 1965 include solid, hollow, and unbaked bricks.

<sup>d</sup> Data are expressed in small-brick units. Data for 1950 and 1955-57 include lime-sand brick. Data exclude production of the construction industry.

<sup>e</sup> Producer sales.

<sup>f</sup> Including roofing tile.

<sup>g</sup> Including engineering bricks and bricks made from concrete, shale, and sand-lime. Excluding Northern Ireland.

Table 125  
Number of Radiobroadcasting Transmitters \*  
1950 and 1955-59

Country	1950	1955	1956	1957	1958	Units 1959
NATO <sup>b</sup>	3,550*	4,290*	4,590*	4,920*	N.A.*	N.A.*
US	2,908*	3,364*	3,538*	3,717*	3,889*	4,115*
Sino-Soviet Bloc	381	453	495	556	606	645
USSR	162	190	220	256	292	328
Communist China	127	133	140	147	155*	158
North Korea	11	9*	9	9	9	9
European Satellites	81	121	126	144	150	150
Albania	5	7	8*	8*	8	8*
Bulgaria	5*	6*	7*	7*	8*	8
Czechoslovakia	21*	31*	31*	33	33	33
East Germany	13	32	34	35	36	36
Hungary	8	8	9*	9	13	13
Poland	22 <sup>c</sup>	22	21	36	36	36
Rumania	7*	15*	16*	16	16	16

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	12*	12*	Italy	274*	390*	Portugal	33*	34*
Canada	249*	258*	Luxembourg	3*	3*	Turkey	5*	N.A.*
Denmark	19*	19*	Netherlands	8*	9*	UK	60*	62*
France <sup>d</sup>	45*	50*	Norway	31*	34*	West Germany	294*	308*
Greece	18*	18*						

\* Including frequency-modulated (FM) and amplitude-modulated (AM) types. Data in some cases may refer to operating radiobroadcasting stations. There may be more than one transmitter per station.

<sup>b</sup> Totals for 1956-57 include data for 1955 for Iceland, and the total for 1957 includes data for 1956 for Turkey.

<sup>c</sup> 1949.

<sup>d</sup> Including Algeria.

Table 126  
Number of Amplitude Modulated (AM) Radiobroadcasting Transmitters \*  
in the US and the Sino-Soviet Bloc  
1950, 1955-59, and 1965 Plan

Country	1950	1955	1956	1957	1958	1959	Units 1965 Plan
US	2,232*	2,824*	3,008*	3,180*	3,318*	3,450*	
Sino-Soviet Bloc	378	437	458	488	507	520	
USSR	160	185	196	206	216	226	286
Communist China	127	133	140	147	155*	158	
North Korea <sup>b</sup>	11	9*	9	9	9	9	
European Satellites	80	110	113	126	127	127	
Albania	5	7	8*	8*	8	8*	
Bulgaria	5*	6*	7*	7*	8*	8	
Czechoslovakia	21*	31*	31*	32	32	32	
East Germany	12	21	21	21	21	21	
Hungary	8	8	9*	9	11	11	
Poland	22 <sup>c</sup>	22	21	33	33	33	
Rumania	7*	15*	16*	16	14	14	

\* Data in some cases may refer to operating radiobroadcasting stations. There may be more than one transmitter per station.

<sup>b</sup> Including AM and FM radiobroadcasting transmitters.

<sup>c</sup> 1949.

Table 127  
 Number of Radio Receivers in Public Use <sup>a</sup>  
 1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	136,000*	194,000*	209,000*	218,000*	226,000*	227,000*	
US	98,000*	135,000*	143,500*	149,000*	155,000*	155,000*	
Sino-Soviet Bloc	10,800	21,200	24,100	27,000	29,800	32,500	
USSR	1,767*	6,097*	7,380*	8,300*	9,600*	10,788	27,720*
Communist China	1,000	1,690	1,890	2,800	3,300	3,800	
North Korea	100	81	104	110	110	124	
North Vietnam	N.A.	N.A.	230*	300	300	335	
European Satellites	7,930*	13,300*	14,500*	15,500*	16,500	17,500	
Albania	9*	20*	20*	24*	28	33*	
Bulgaria	201*	327*	399*	492*	588*	674	
Czechoslovakia	2,420*	2,839*	2,915*	2,971*	3,055*	3,127	
East Germany	3,490*	5,009*	5,218*	5,306*	5,378*	5,501	
Hungary	618*	1,432*	1,587*	1,774*	1,945	2,116	
Poland	892*	3,057*	3,625*	4,005*	4,465*	4,934	
Rumania	300*	654*	768*	885*	1,003*	1,119	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	N.A.*	2,409*	Iceland	62*	70*	Portugal	636*	996*
Denmark	1,822*	1,714*	Italy	7,541*	7,851*	Turkey	N.A.*	1,208*
France	11,259*	11,484*	Luxembourg	91*	N.A.*	UK <sup>c</sup>	16,219*	15,584*
Greece	765*	846*	Netherlands	2,537*	2,715*	West Germany	15,228*	16,050*
			Norway	1,250*	1,250*			

<sup>a</sup> Excluding wired loudspeaker receiving units.

<sup>b</sup> Including for 1950, data for 1949 for Belgium, Denmark, Luxembourg, and Portugal. The total for 1958 includes data for 1957 for Belgium, Canada, and Turkey, and the total for 1959 includes data for 1957 for Canada and data for 1958 for Luxembourg. Data refer to the estimated number of radio receivers in use in all countries (except the UK) in 1956-59 and in Canada and the US in all available years. Otherwise, data refer to the number of licenses issued. Data for the UK for all years refer to licenses for combined sound and television sets.

<sup>c</sup> Licenses for combined sound and television sets.

Table 128  
Number of Wired Loudspeakers in Public Use <sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>b</sup>	N.A.*	1,740*	1,750*	1,710*	1,840*	1,830*	
Sino-Soviet Bloc	10,400	22,400	25,500	28,800	32,600	37,000	
USSR	9,685*	19,544*	22,191*	24,800*	27,100*	29,619	36,000*
Communist China	96	438	510	980*	2,320*	3,660	
North Korea	N.A.	29	43	63*	108	488*	
European Satellites	613	2,430	2,790	2,950	3,070	3,270	
Albania	0	7	8	13	18	22	
Bulgaria	26*	300*	355*	406*	471*	551*	
Czechoslovakia	0	35*	98*	180*	262*	337	
Hungary	2*	259*	264*	264*	266	269	
Poland	572	1,319*	1,509*	1,471*	1,427*	1,427	1,600*
Rumania	13*	510*	557*	615*	630	660	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	N.A.*	135*	UK	1,042*	1,048*	West Germany	134*	159*
Netherlands	531*	490*						

<sup>a</sup> As distinct from radio receivers, wired loudspeakers are connected to government-controlled distribution (wire-diffusion) centers. These centers receive normal radiobroadcasts and retransmit them to loudspeakers by wire or cable. Program reception on wired loudspeakers is thereby restricted to those radiobroadcasts sponsored by the government.

<sup>b</sup> Including for all years, the Netherlands and the UK; for 1955-57 and 1959, Belgium; and for 1958-59, West Germany. The total for 1958 includes data for 1957 for Belgium. Data refer to the number of licenses issued for wired loudspeakers. The date of information varies during the stated year.



Table 129  
Number of Television Broadcasting Stations<sup>a</sup>  
1950, 1955-59, and 1965 Plan

Country	1950	1955	1956	1957	1958	1959	1965 Plan	Units
NATO <sup>b</sup>	N.A.*	581*	663*	820*	1,030*	1,240*		
US	107*	482*	511*	521*	546*	570*		
Sino-Soviet Bloc <sup>c</sup>	2	25	37	58	91	110		
USSR	2*	12*	20*	37*	60*	70*	160*	
Communist China	0	0	0	1*	3*	3		
European Satellites	0	13	17	20	28	37		
Bulgaria	0	0	1	1	1	1		
Czechoslovakia	0	2*	3*	3	7	9		
East Germany	0	8*	9*	9	11	12		
Hungary	0	1	1	1	1	2		
Poland	0	1*	2*	5	7	11		
Rumania	0	1	1	1	1	2		

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	5*	5*	Italy <sup>f</sup>	252*	343*	Portugal	5*	5*
Canada <sup>d</sup>	59*	62*	Luxembourg	1*	1*	Turkey	1*	1*
Denmark	6*	8*	Netherlands	6*	6*	UK	27*	34*
France <sup>e</sup>	32*	52*	Norway	1*	1*	West Germany	91*	152*

<sup>a</sup> Unless otherwise indicated, data refer to stations broadcasting to the public and in some cases represent the number of stations and/or transmitters.

<sup>b</sup> There are no stations in Greece and Iceland. There were no stations in Portugal until 1956.

<sup>c</sup> Data for the Sino-Soviet Bloc include major stations only and exclude relay stations and local amateur stations.

<sup>d</sup> Data are as of midyear.

<sup>e</sup> Including Algeria.

<sup>f</sup> Including television relay stations.

Table 130  
 Number of Television Receivers in Public Use  
 1950, 1955-59, and 1965 Plan

Country	Thousand Units						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO <sup>a</sup>	N.A.*	47,000*	53,000*	60,000*	66,800*	72,600*	
US	10,600*	39,000*	42,200*	46,100*	49,800*	52,000*	
Sino-Soviet Bloc	10	869	1,480	2,160	3,270	4,790	
USSR	10*	823*	1,324*	1,800*	2,500*	3,475	15,000*
Communist China	0	0	0	0	<i>Negl.</i>	5	
European Satellites	0	46.3	153	364	767	1,310	
Bulgaria	0	0	<i>Negl.</i>	1	1	3	
Czechoslovakia	0	32*	76*	173*	328*	493	
East Germany	0*	14*	71*	160*	318*	503	
Hungary	0	<i>Negl.</i>	1	2	24	50	450*
Poland	0*	<i>Negl.</i>	6*	22*	85*	238*	1,700*
Rumania	0	<i>Negl.</i>	<i>Negl.</i>	8	12	20	

NATO Countries

Country	1958	1959	Country	1958	1959	Country	1958	1959
Belgium	300*	350*	Luxembourg	4*	4*	Turkey	1*	1*
Denmark	200*	359*	Netherlands	370*	594*	UK	9,314*	10,000*
France	1,000*	1,400*	Norway	1*	6*	West Germany	2,000*	3,500*
Italy	1,070*	1,666*	Portugal	20*	35*			

<sup>a</sup> Excluding for all years, Greece and Iceland, and for 1950, Portugal. Totals for 1958-59 include data for 1957 for Canada.

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Table 131  
Number of Telephone Subscribers <sup>a</sup>  
1950 and 1955-59

Country	Thousand Units					
	1950	1955	1956	1957	1958	1959
NATO .....	60,300*	80,800*	86,600*	91,500*	96,200*	N.A.*
US .....	43,004*	56,243*	60,190*	63,621*	66,645*	N.A.*
Sino-Soviet Bloc .....	3,010	4,270	4,600	4,960	5,350	5,820
USSR <sup>b</sup> .....	1,410*	1,932*	2,067*	2,205*	2,370*	2,600
Communist China .....	230	399	460	551	629*	718
North Korea .....	15	17*	19*	22*	24	30*
European Satellites .....	1,350	1,920	2,060	2,190	2,330	2,470
Albania .....	1	3	4	5	7	8
Bulgaria .....	78*	112*	120*	128*	140*	144
Czechoslovakia .....	451*	662*	703*	743*	790*	833
East Germany .....	357*	481*	506*	534*	553*	577
Hungary .....	110*	183*	192*	206*	220	234
Poland .....	253	338*	378	406*	446*	492*
Rumania .....	103*	145*	155*	164*	174*	184

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium .....	987*	1,036*	Iceland .....	33*	36*	Portugal .....	305*	332*
Canada .....	4,816*	5,122*	Italy .....	2,871*	3,182*	Turkey .....	204*	239*
Denmark .....	951*	979*	Luxembourg ..	38*	42*	UK <sup>d</sup> .....	7,355*	7,525*
France .....	3,499*	3,704*	Netherlands ..	1,318*	1,402*	West Germany ..	4,732*	5,090*
Greece .....	154*	169*	Norway <sup>c</sup> .....	646*	672*			

<sup>a</sup> Unless otherwise indicated, estimates are for the end of the year. Data for the Sino-Soviet Bloc refer to telephone subscribers, including both private and civil government (other than military) users. Data for NATO refer to telephones in use, including both public and private telephones that can be connected to a central exchange. The number of subscribers is less than the number of telephones in the same country, but no reliable ratio between the two can be supplied.

<sup>b</sup> Including telephones in booths.

<sup>c</sup> Data are as of midyear.

<sup>d</sup> Data are as of 31 March of the stated year.

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Table 132  
Number of Long-Distance Telephone Calls \*  
1950 and 1955-59

Country	Million Calls					
	1950	1955	1956	1957	1958	1959
NATO <sup>b</sup>	N.A.*	4,920*	5,750*	5,840*	6,130*	N.A.*
US	2,114.8*	2,475.0*	3,080.0*	2,975.0*	3,040.0*	N.A.*
Sino-Soviet Bloc	365	573	601	624	667	708
USSR	103.0*	135.0*	143.0*	152.0*	163.0*	172.0*
Communist China	15.6	54.9	61.9	70.9	84.3	100.2
North Korea	3.5	7.7	7.8*	8.2*	9.8	11.4
European Satellites	243*	375*	389*	393*	410	425
Albania <sup>c</sup>	0.6*	1.1*	1.2*	1.3*	1.4	1.5
Bulgaria	18.7*	29.9*	27.9*	27.3*	27.8*	28.3
Czechoslovakia	51.5*	71.6*	75.5*	78.7*	84.0*	88.1
East Germany <sup>d</sup>	88.6*	115.4*	119.3*	126.3*	132.7*	138.5
Hungary	13.9*	25.2*	24.9*	24.7*	24.9	25.1
Poland	47.0*	97.0*	101.5*	94.4*	95.3*	96.2
Rumania	22.7*	34.9*	38.4*	40.6*	43.9*	46.9

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	96.4*	103.5*	Iceland	1.8*	1.9*	Portugal	53.2*	57.3*
Canada	178.6*	194.2*	Italy <sup>c</sup>	310.2*	359.6*	Turkey	10.4*	N.A.*
Denmark	196.5*	209.0*	Netherlands	328.0*	361.2*	UK	330.0*	343.0*
Greece	7.3*	8.5*	Norway	57.5*	57.2*	West Germany	724.1*	812.6*

<sup>a</sup> Domestic interurban telephone calls generally. Some references to calls, however, also include international telephone calls.

<sup>b</sup> Excluding Luxembourg. Totals for 1957-58 include data for 1956 for France, and the total for 1958 includes data for 1957 for Turkey.

<sup>c</sup> Probably including local and interurban telephone calls.

<sup>d</sup> Including both regular long-distance telephone calls and urgent or fast service long-distance calls.

<sup>e</sup> Three-minute units.

Table 133  
Number of Telegrams Sent Over the Domestic Public System in the US and the Sino-Soviet Bloc \*  
1950 and 1955-59

Country	Million Telegrams					
	1950	1955	1956	1957	1958	1959
US	178.9*	153.9*	151.6*	143.9*	131.9*	N.A.*
Sino-Soviet Bloc	207	266	272	296	293	304
USSR	154.0*	203.0*	206.0*	227.0*	223.0*	230.0*
Communist China <sup>b</sup>	11.4	17.2	18.8	20.3	22.5	24.9
North Korea	1.4 <sup>c</sup>	0.8	0.8*	0.9*	1.0	1.1
European Satellites	39.8*	44.8*	46.7*	47.5*	46.9	47.8
Albania	0.9*	0.9*	0.8*	0.8*	0.8	0.8
Bulgaria	6.8*	6.1*	6.1*	6.0*	6.2*	6.4
Czechoslovakia	8.2*	9.7*	10.0*	10.1*	10.1*	10.2
East Germany	9.8*	7.6*	8.0*	8.6*	8.6*	8.9
Hungary	3.4*	5.7*	6.2*	6.2*	6.4	6.7
Poland <sup>b</sup>	7.2*	10.3*	10.8*	10.9*	10.1*	10.1
Rumania	3.5*	4.5*	4.8*	4.8*	4.7*	4.7

<sup>a</sup> Data for the most part refer to all types of domestic telegrams sent, excluding international telegrams and cablegrams.

<sup>b</sup> Data include domestic and international telegrams.

<sup>c</sup> 1948.

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Table 134  
Number of Domestic Subscribers in the Subscriber Telegraph (TELEX) Network<sup>a</sup>  
in the US and the Sino-Soviet Bloc  
1955-59 and 1965 Plan

Country	Units					
	1955	1956	1957	1958	1959	1965 Plan
US <sup>b</sup>	39,959*	42,496*	44,752*	47,293*	50,788*	
Sino-Soviet Bloc	N.A.	N.A.	5,630	7,300	10,900	60,000*
USSR	1,000	1,400	2,200*	3,000	6,000	
European Satellites	N.A.	N.A.	3,430	4,300	4,910	
Bulgaria	0	0	0	15*	15	
Czechoslovakia	N.A.	N.A.	1,000	1,300	1,351*	
East Germany	1,284*	1,394*	1,777*	2,272*	2,767	
Hungary	279*	282*	327*	358	389	
Poland	270*	300	330	360	390	

<sup>a</sup> The subscriber telegraph network service is a two-way service in which a subscriber is provided with a teletype machine connected to a switchboard of a local subscriber telegraph exchange.

<sup>b</sup> In the US, domestic subscriber telegraph service is known as TWX rather than TELEX.

Table 135  
Number of Letters Sent<sup>a</sup> in the Domestic Public System in the US and the Sino-Soviet Bloc  
1950 and 1955-59

Country	Million Letters					
	1950	1955	1956	1957	1958	1959
US <sup>b</sup>	44,646*	54,722*	55,907*	58,519*	59,595*	N.A.*
Sino-Soviet Bloc	7,000*	9,410	10,100	10,600*	11,200	11,800
USSR	2,607*	3,778*	3,896*	3,888*	3,985*	4,104*
Communist China	608*	806	1,252	1,440*	1,628	1,816
North Korea	44* <sup>c</sup>	40	45*	50*	56	61
European Satellites	3,740*	4,790*	4,950*	5,220*	5,530	5,810
Albania	7*	9*	8*	9*	9	10
Bulgaria	167*	185*	156*	155*	159*	159
Czechoslovakia	1,036*	1,320*	1,380*	1,419*	1,510*	1,573
East Germany	1,142*	1,282*	1,281*	1,343*	1,372*	1,402
Hungary	395*	469*	430*	404*	404	404
Poland	845*	1,312*	1,463*	1,656*	1,828	2,000
Rumania	146*	214*	228*	234*	248*	259

<sup>a</sup> Data refer to letters (airmail, ordinary mail, and registered), postcards, printed matter, business papers, small merchandise samples, small packets, and phonopost packets and include mail carried without a charge but, unless otherwise indicated, exclude ordinary packages and letters with a declared value.

<sup>b</sup> Data are as of 30 June of the stated year.

<sup>c</sup> 1949.

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Table 136  
Trade Turnover of the Sino-Soviet Bloc, by Country  
1950 and 1956-59

Country	Million Current US \$				
	1950	1956	1957	1958	1959
USSR	3,251*	7,225*	8,319*	8,647*	10,500*
Communist China	1,215*	3,135*	3,060*	3,765*	4,125 <sup>a</sup>
North Korea	182* <sup>b</sup>	140*	215*	N.A.	N.A.
North Vietnam	N.A.	113*	198*	187*	228*
Albania	28*	58*	82*	108*	121*
Bulgaria	252*	588*	703*	741*	N.A.
Czechoslovakia	1,353*	2,573*	2,745*	2,871*	N.A.
East Germany	876*	2,741*	3,426*	3,570*	4,136*
Hungary	644*	961*	1,170*	1,309*	1,556*
Poland	1,302*	2,006*	2,226*	2,286*	2,565*
Rumania	405*	662*	700*	800*	N.A.

<sup>a</sup> Estimated data.

<sup>b</sup> Data for 1949, because 1950 was a war year.

Table 137  
Trade Within the Sino-Soviet Bloc  
1957-59

Country	Million Current US \$								
	Imports			Exports			Total Trade		
	1957	1958	1959	1957	1958	1959	1957	1958	1959
USSR	2,769*	3,191*	N.A.	3,231*	3,085*	N.A.	6,000*	6,276*	7,800*
Communist China	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1,925*	2,350*	2,900*
North Korea	111*	N.A.	N.A.	97*	N.A.	N.A.	208*	N.A.	N.A.
North Vietnam	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	176 <sup>a</sup>	174 <sup>a</sup>	N.A.
Albania	50*	76*	N.A.	28*	28*	N.A.	78*	104*	N.A.
Bulgaria	N.A.	310*	N.A.	N.A.	318*	N.A.	584*	629*	N.A.
Czechoslovakia	966*	942*	N.A.	866*	1,040*	N.A.	1,832*	1,982*	N.A.
East Germany	1,150*	1,167*	N.A.	1,351*	1,425*	N.A.	2,501*	2,592*	N.A.
Hungary	486*	436*	N.A.	308*	451*	N.A.	795*	886*	N.A.
Poland	760*	686*	N.A.	559*	586*	N.A.	1,319*	1,271*	N.A.
Rumania	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	525*	600*	N.A.

<sup>a</sup> Estimated data.

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Table 138  
Trade of the Sino-Soviet Bloc with the Free World, by Country  
1957-59

Country	Million Current US \$								
	Imports from the Free World			Exports to the Free World			Total Trade with the Free World		
	1957	1958	1959	1957	1958	1959	1957	1958	1959
USSR .....	1,169*	1,158*	N.A.	1,150*	1,212*	N.A.	2,319*	2,371*	2,700*
Communist China .....	535*	697*	720 <sup>a</sup>	519*	649*	505 <sup>a</sup>	1,054*	1,347*	1,225 <sup>a</sup>
North Korea .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	7*	N.A.	N.A.
North Vietnam .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	24 <sup>a</sup>	12 <sup>a</sup>	N.A.
Albania .....	3*	2*	N.A.	1*	2*	N.A.	4*	4*	N.A.
Bulgaria .....	N.A.	56*	N.A.	N.A.	56*	N.A.	119*	112*	N.A.
Czechoslovakia .....	421*	415*	N.A.	492*	473*	N.A.	913*	888*	N.A.
East Germany .....	465*	512*	N.A.	460*	464*	N.A.	925*	977*	N.A.
Hungary .....	196*	194*	N.A.	180*	229*	N.A.	376*	423*	N.A.
Poland .....	492*	541*	N.A.	416*	474*	N.A.	907*	1,015*	N.A.
Rumania .....	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	175*	200*	N.A.

<sup>a</sup> Estimated data.

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Table 139  
Trade of the Sino-Soviet Bloc with the Free World, by Area of the Free World  
1950, 1955, and 1957-58

Reporting Areas	Imports (f.o.b. <sup>a</sup> ) <sup>b</sup>			Exports (c.i.f. <sup>c</sup> ) <sup>b</sup>			Thousand Current US \$
	1950	1955	1957	1950	1955	1957	
USSR							
Total reporting areas	301,098*	601,648*	994,276*	1,001,237*	252,101*	1,023,905*	1,016,538*
US	752*	252*	4,481*	3,422*	38,300*	16,780*	17,558*
Canada	168*	2,716*	11,491*	19,495*	104*	2,934*	1,740*
OEEC <sup>a</sup> countries	120,280*	270,155*	449,603*	473,367*	154,627*	612,619*	577,857*
Other European countries	64,802*	155,852*	211,878*	170,675*	23,676*	226,319*	190,954*
Near East and Africa	33,364*	70,633*	172,120*	152,010*	27,821*	90,486*	129,457*
Far East	54,521*	22,889*	79,590*	132,684*	6,315*	69,347*	77,261*
Oceania	26,121*	6,408*	7,579*	1,933*	1,216*	715*	1,601*
Latin America	1,090*	72,743*	57,534*	47,651*	42*	4,705*	20,110*
Communist China							
Total reporting areas	452,128*	317,263*	521,731*	767,457*	534,695*	622,622*	749,210*
US	46,548*	3*	9*	5*	146,496*	195*	142*
Canada	1,890*	1,030*	1,461*	8,083*	4,884*	3,162*	5,529*
OEEC countries	56,869*	99,031*	225,813*	452,193*	94,848*	128,352*	183,199*
Other European countries	395*	12,455*	10,373*	13,205*	265*	4,128*	13,385*
Near East and Africa	3,543*	27,028*	59,904*	55,045*	15,566*	26,438*	46,079*
Far East	331,832*	165,038*	198,086*	196,538*	266,807*	317,909*	412,819*
Oceania	1,897*	6,761*	22,162*	29,905*	5,251*	5,177*	6,697*
Latin America	9,148*	5,917*	3,923*	12,483*	578*	1,729*	1,483*
European Satellites							
Total reporting areas	791,600*	1,158,058*	1,564,959*	1,636,380*	939,758*	1,509,262*	1,685,541*
US	25,949*	6,791*	81,773*	109,152*	42,285*	44,551*	46,125*
Canada	3,717*	7,996*	19,838*	3,744*	5,946*	7,586*	9,260*
OEEC countries	583,395*	770,892*	997,087*	1,003,209*	688,010*	970,945*	1,065,005*
Other European countries	16,265*	70,205*	129,692*	146,223*	46,637*	189,265*	202,752*
Near East and Africa	29,664*	89,159*	143,231*	153,993*	65,200*	159,865*	216,698*
Far East	28,388*	67,635*	61,884*	67,006*	26,906*	65,412*	53,166*
Oceania	42,801*	44,680*	68,159*	53,156*	15,598*	8,780*	9,525*
Latin America	61,421*	100,700*	63,315*	99,897*	49,176*	62,113*	82,694*

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Table 139 (Continued)

Reporting Areas	Thousand Current US \$					
	Imports (f.o.b.) <sup>b</sup>			Exports (c.i.f.) <sup>b</sup>		
	1950	1955	1957	1958	1950	1957
				Sino-Soviet Bloc <sup>c</sup>		
Total reporting areas	1,544,826*	2,076,994*	3,087,283*	3,413,501*	1,726,554*	3,176,912*
US	73,249*	7,046*	86,263*	112,579*	227,081*	65,625*
Canada	5,781*	11,742*	32,790*	31,322*	10,934*	16,049*
OEEC countries	760,544*	1,140,097*	1,672,544*	1,928,890*	937,485*	1,720,283*
Other European countries	81,462*	238,512*	351,943*	330,103*	70,578*	428,969*
Near East and Africa	66,571*	186,820*	375,432*	361,048*	108,587*	296,441*
Far East	414,741*	255,562*	345,639*	404,534*	300,028*	564,307*
Oceania	70,819*	57,855*	97,900*	84,994*	22,065*	16,937*
Latin America	71,659*	179,360*	124,772*	160,031*	49,796*	68,301*
						3,469,278*
						68,267*
						16,542*
						1,826,556*
						399,368*
						405,244*
						627,454*
						20,925*
						104,822*

\* Free on board.

<sup>b</sup> Unadjusted.

<sup>c</sup> Cost, insurance, and freight.

<sup>d</sup> Organization for European Economic Cooperation.

\* Although the totals for the Sino-Soviet Bloc include North Korea, North Vietnam, and Mongolia, data on trade with these countries are not shown for individual reporting areas.

Table 140  
Foreign Exchange Rates for Sino-Soviet Bloc Currencies  
1959

Country	Unit of Measure	Commercial Rate <sup>a</sup> (In Terms of US \$1)	Noncommercial Rate <sup>b</sup> (In Terms of 1 Ruble <sup>c</sup> )	Noncommercial Rate <sup>d</sup> (In Terms of US \$1)
USSR	Ruble <sup>e</sup>	4.00*		10.00*
Communist China	Yuan	{ 2.50* <sup>e</sup> 4.00* }	0.1670*	2.50* <sup>f</sup>
North Korea	Won	1.57* <sup>g</sup>	0.1745*	1.57* <sup>g</sup>
North Vietnam	Dong	4.00* <sup>h</sup>	0.3080*	4.00* <sup>h</sup>
Albania	Lek	50.00*	10.0000*	N.A.
Bulgaria	Lev	6.80*	0.8900*	9.52*
Czechoslovakia	Koruna	7.17*	1.1600*	14.34*
East Germany	Mark	2.22* <sup>i</sup>	0.3876*	4.20*
Hungary	Forint	11.74*	1.4000*	23.48*
Poland	Zloty	4.00*	1.5000*	24.00*
Rumania	Leu	6.00*	0.9700*	12.00*

<sup>a</sup> Official rate unless otherwise indicated. Usually the official rate is a result of the legal definition of the currency in terms of gold and may not represent internal purchasing power. This rate, however, is usually reliable for converting trade statistics.

<sup>b</sup> An intra-Bloc series of rates that probably represent internal purchasing power for travelers and embassy personnel.

<sup>c</sup> As part of the Soviet price and currency reform that is to take place in early 1961, the gold content of the ruble is to be increased by an as-yet-unspecified amount so that the official ruble exchange rate will be revised upward at that time.

<sup>d</sup> Tourist rates for Free World currencies. These series of rates are inconsistent with the intra-Bloc series.

<sup>e</sup> Generally accepted conversion rates, with the rate of 2.5 being used in Free World trade and the rate of 4.0 in Bloc trade. As official rates have never been announced by Communist China, these conversion rates have been estimated and therefore only represent approximations to actual rates.

<sup>f</sup> An approximate rate. Actual rates vary depending on the transaction involved and the currency being traded. Actual rates also appear to change from time to time.

<sup>g</sup> A bank rate. North Korea has not announced an official relationship between the won and Free World currencies. This rate probably is used for noncommercial transactions.

<sup>h</sup> An unofficial rate that has been announced in the North Vietnam press as the relationship of North Vietnamese currency to dollars. This rate probably applies also to noncommercial transactions.

<sup>i</sup> Beginning in 1959, the exchange rate of 4.2 Deutsche Mark East to US \$1 has been employed in quoting commercial trade totals. No announcement has been made, however, concerning a change in the official commercial rate of exchange.

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MILITARY END ITEMS

Table 141  
Construction of Naval Vessels <sup>a</sup> in the Sino-Soviet Bloc  
1950-59

Country	Thousand Standard Displacement Tons									
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
Sino-Soviet Bloc	162	151	129	155	195	205	170	99.0	61.7	62.5
USSR	161	150	124	149	188	196	153	80.0	42.0	45.3
Communist China	0.20	0.30	1.50	3.00	3.00	5.00	13.0	15.0	14.0	15.0
European Satellites	0.42	1.15	3.05	2.80	3.68	3.72	3.96	4.01	5.71	2.20
East Germany	0.42	1.15	3.05	2.80	3.68	3.72	3.96	2.31	2.96	<i>Negl.</i>
Poland	0	0	0	0	0	0	0	1.70	2.75	2.20

<sup>a</sup> Including major and minor combatant types but excluding naval auxiliaries.

Table 142  
Inventory of Naval Vessels, by Type, as of January 1960 <sup>a</sup>

Country	Surface Ships						Submarines	Units
	Aircraft Carriers	Battle-ships	Cruisers	Destroyers	Patrol Vessels	Mine Vessels		
NATO <sup>b</sup>	42	14	70	560	804	944	274	
US <sup>b</sup>	25	10	49	368	339	222	171	
Sino-Soviet Bloc	0	0	25	145	1,730	699	456	
USSR	0	0	25	129	1,301	528	421	
Communist China	0	0	0	4	223	27	23	
North Korea	0	0	0	0	37	22	0	
North Vietnam	0	0	0	0	9	4	0	
European Satellites	0	0	0	12	160	118	12	
Albania	0	0	0	0	18	5	0	
Bulgaria	0	0	0	1	29	19	5	
East Germany	0	0	0	0	39	59	0	
Poland	0	0	0	4	49	18	7	
Rumania	0	0	0	7	25	17	0	

<sup>a</sup> Data for the US are as of 29 February 1960.

<sup>b</sup> Including active and reserve fleets.

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Table 143  
Production of Aircraft, by Type \*  
1958-59

Country	Units							
	Bombers		Fighters		Transports		Others	
	1958	1959	1958	1959	1958	1959	1958	1959
NATO	806	652	2,238	1,390	901	870	9,450	10,591
US	639	517	1,385	947	560	578	8,226	9,318
Belgium	0	0	67	4	0	0	0	0
Canada	44	38	285	7	60	38	161	173
France	19	35	139	116	42	45	422	406
Italy	0	0	33	24	6	16	0	0
Netherlands	0	0	103	10	5	26	6	2
Portugal	0	0	0	0	0	0	22	24
UK	104	62	226	282	217	113	276	243
West Germany	0	0	0	0	11	54	220	324
Sino-Soviet Bloc	350	54	735	959	663	576	3,030	2,725
USSR	350	54	264	419	524	402	2,146	1,787
Communist China	0	0	104	194	47	94	0	8
European Satellites	0	0	367	346	92	80	884	930
Czechoslovakia	0	0	8	1	56	56	623	641
East Germany	0	0	0	0	36	24	0	0
Hungary	0	0	0	0	0	0	36	36
Poland	0	0	359	345	0	0	213	238
Rumania	0	0	0	0	0	0	12	15

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Table 144  
Production of Tanks and Assault Guns in the Sino-Soviet Bloc, by Type \*  
1958-59

Country	Units									
	Amphibious Tanks		Medium Tanks		Heavy Tanks		Medium Assault Guns		Heavy Assault Guns	
	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
Sino-Soviet Bloc	575	1,400	4,900	4,900	800	800	800	800	300	200
USSR	575	1,400	4,000	4,000	800	800	800	800	300	200
European Satellites	0	0	900	900	0	0	0	0	0	0
Czechoslovakia	0	0	600	600	0	0	0	0	0	0
Poland	0	0	300	300	0	0	0	0	0	0

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Agricultural employment	14	Civil air carriers, passenger-kilometers flown	88
Agricultural machinery	76, 77	Civilian employment	14
Agriculture and processed foods	46-61	Coal	10, 19-21
Air carriers, civil, passengers carried	88	Cobalt	38
Air carriers, civil, passenger-kilometers flown	88	Coke, metallurgical	22
Aircraft	110	Combines, grain	76
Aluminum, primary	39	Commercial vehicles	9, 11, 82
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Barley	46, 47	Copper, refined	8, 10, 40
Bauxite	39	Corn	47
Bearings, antifriction	74	Cotton, ginned	49
Benzol, refined	68	Cotton yarn	62
Bituminous coal	19, 20	Crude petroleum	8, 23
Breadgrains	46	Crude steel	8, 10, 34
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Fish catch	57	Iron, pig	27
Fishing vessels, inland	78	Jet fuel	27
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Food availability per capita	61	Land utilization	55
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Foreign trade with the Free World, Sino-Soviet Bloc	105, 106	Locomotives, diesel	79
Forest products	56	Locomotives, electric	79, 80
Freight cars, railroad, inventory	90	Locomotives, inventory	89
Freight cars, railroad, production	80	Locomotives, mainline	79, 80
Freight traffic, highway	83, 86	Long-distance telephone calls	102
Freight traffic, inland water	87	Loudspeakers, wired	98
Freight traffic, ocean	88	Lubricating oils	29
Freight traffic, railroad	11, 83-85	Machine tools, metalcutting	74
Fuel, aviation	26, 27	Machine tools, metalforming	74
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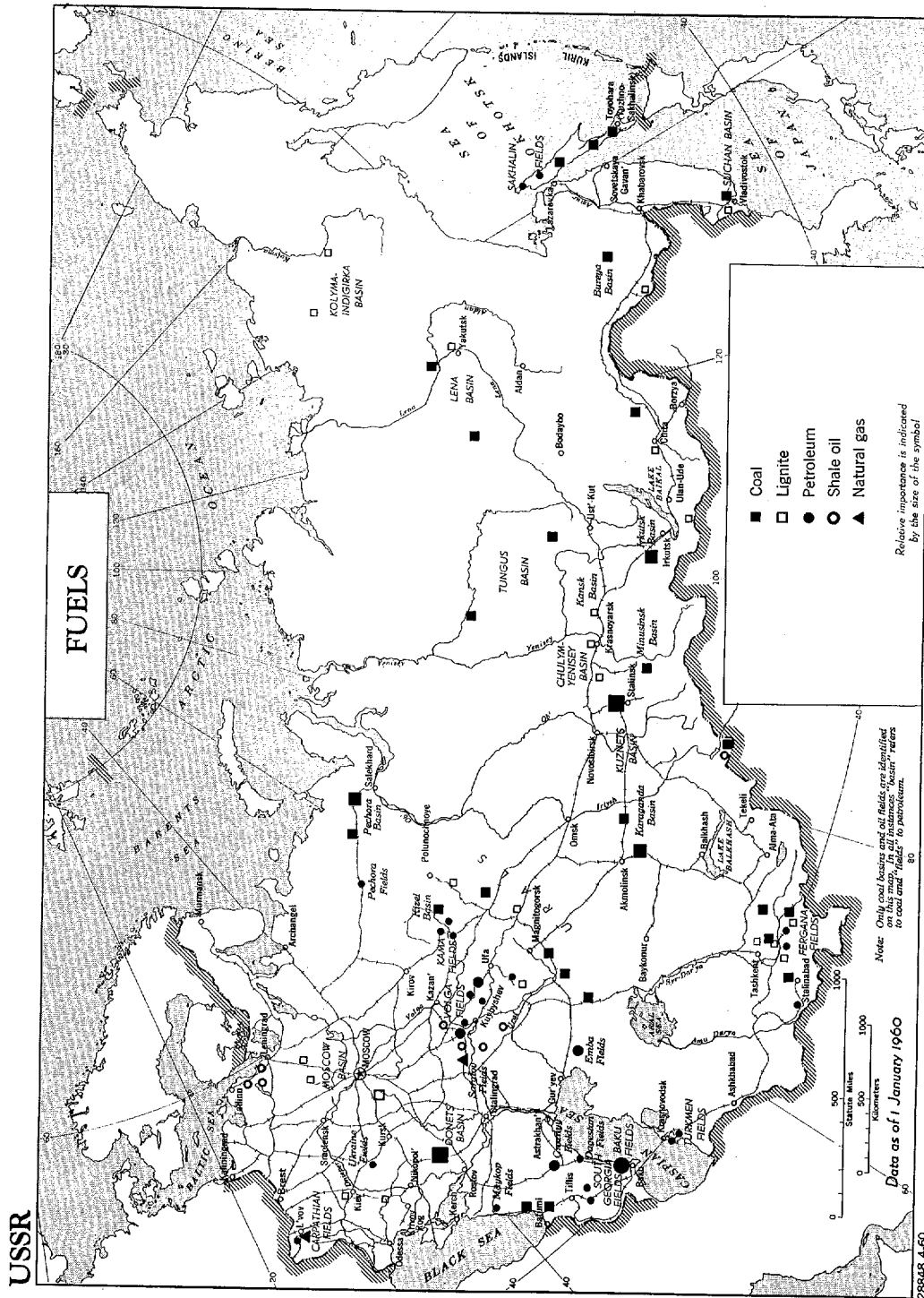
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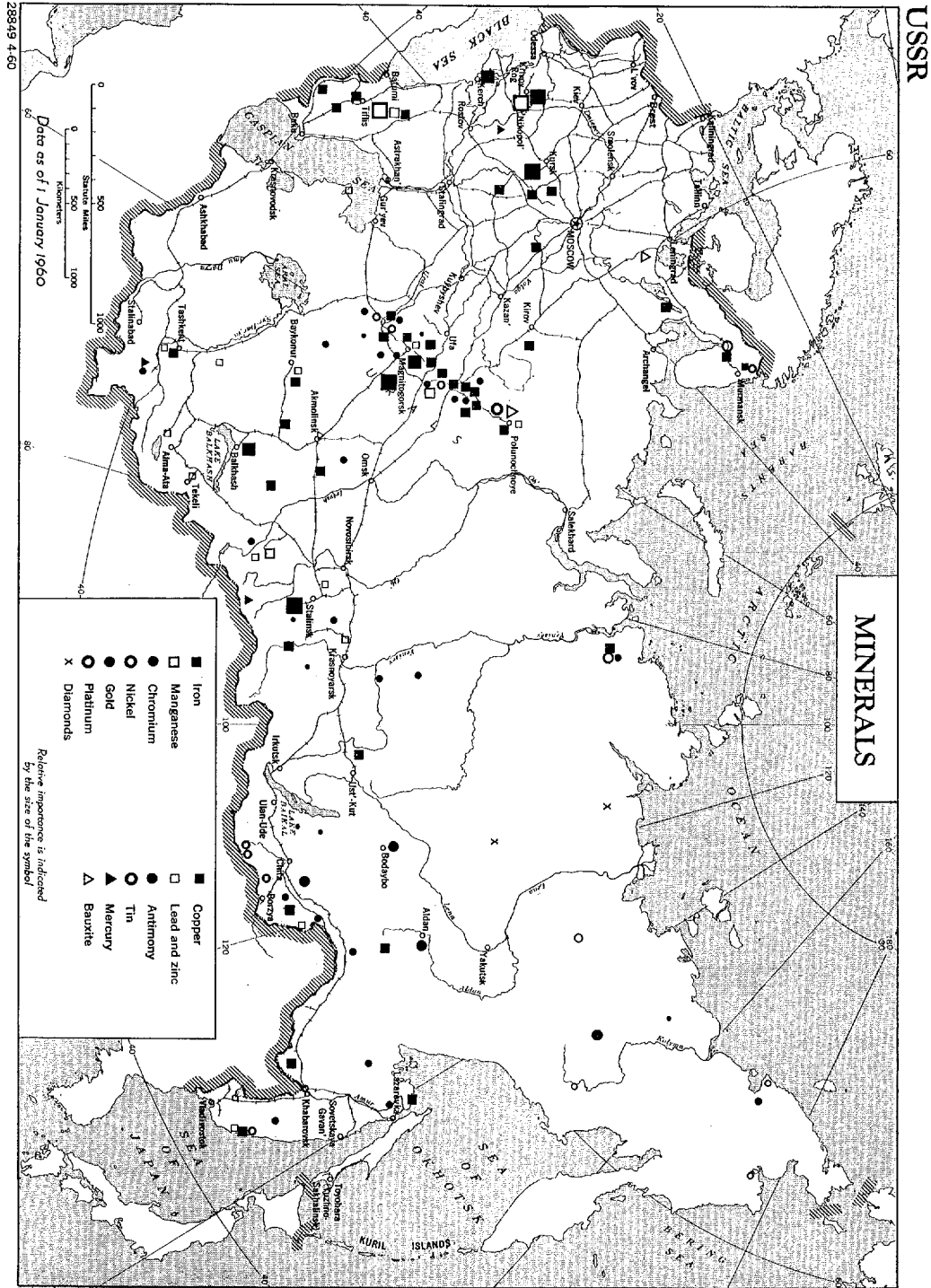
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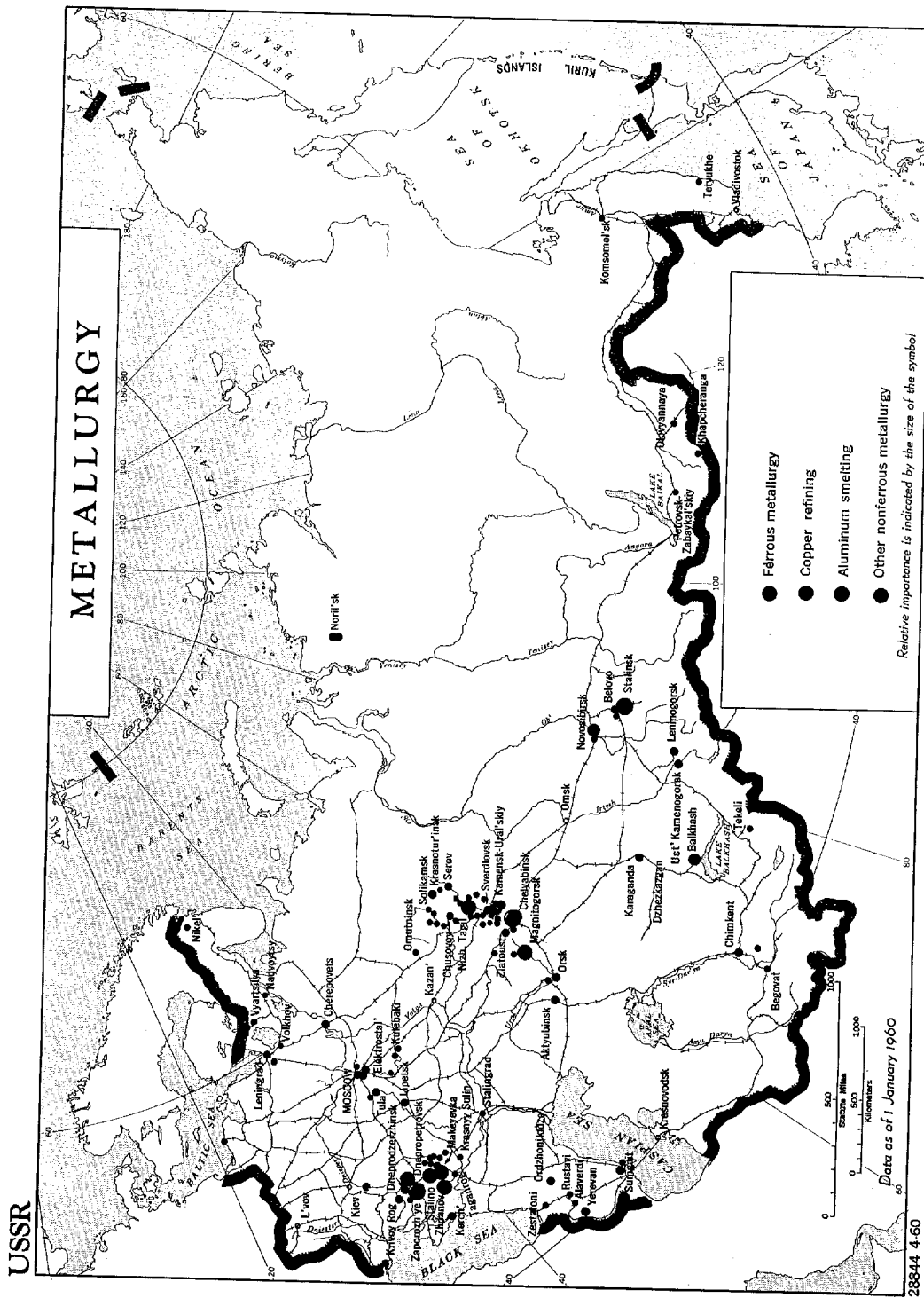
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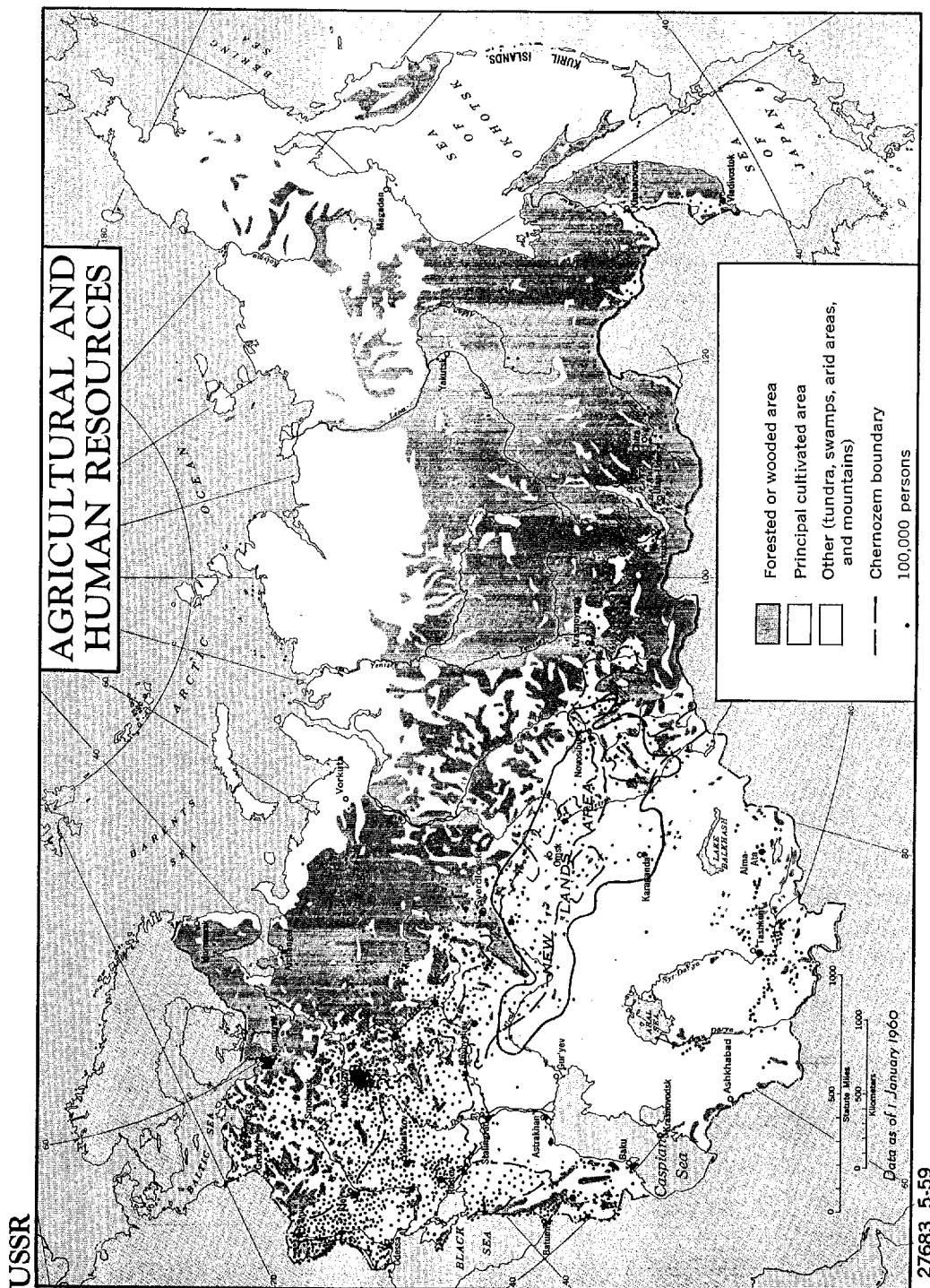
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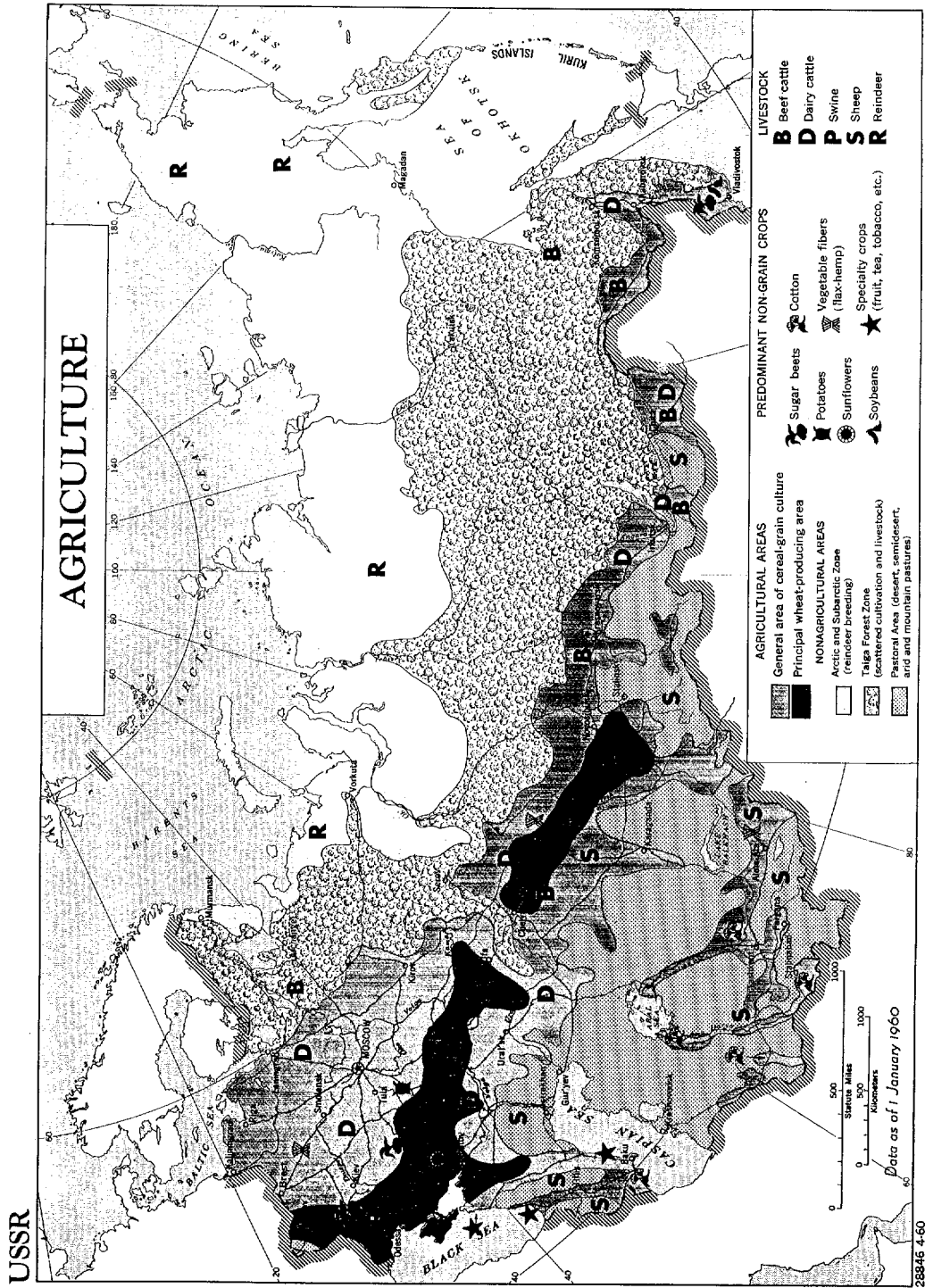


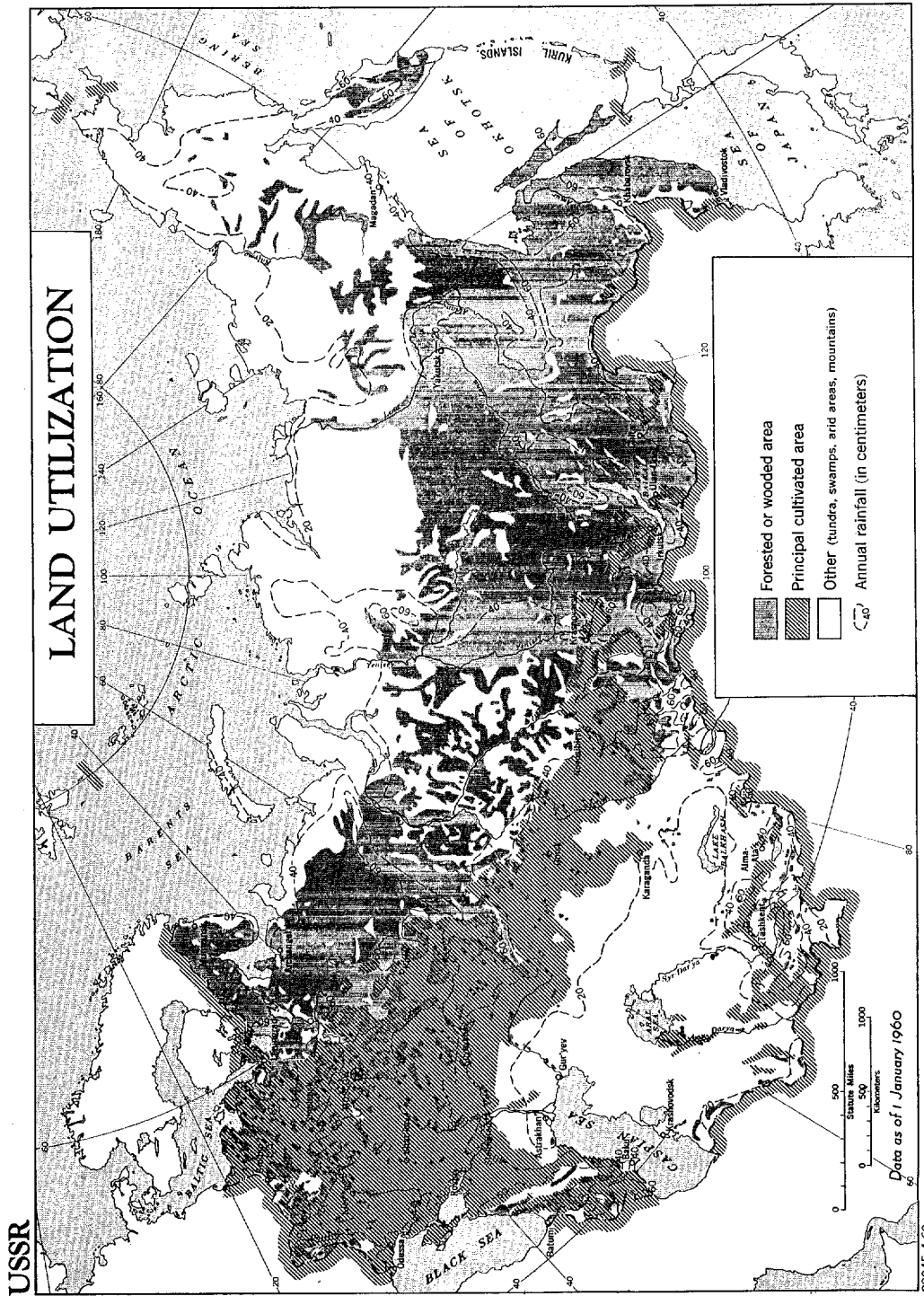


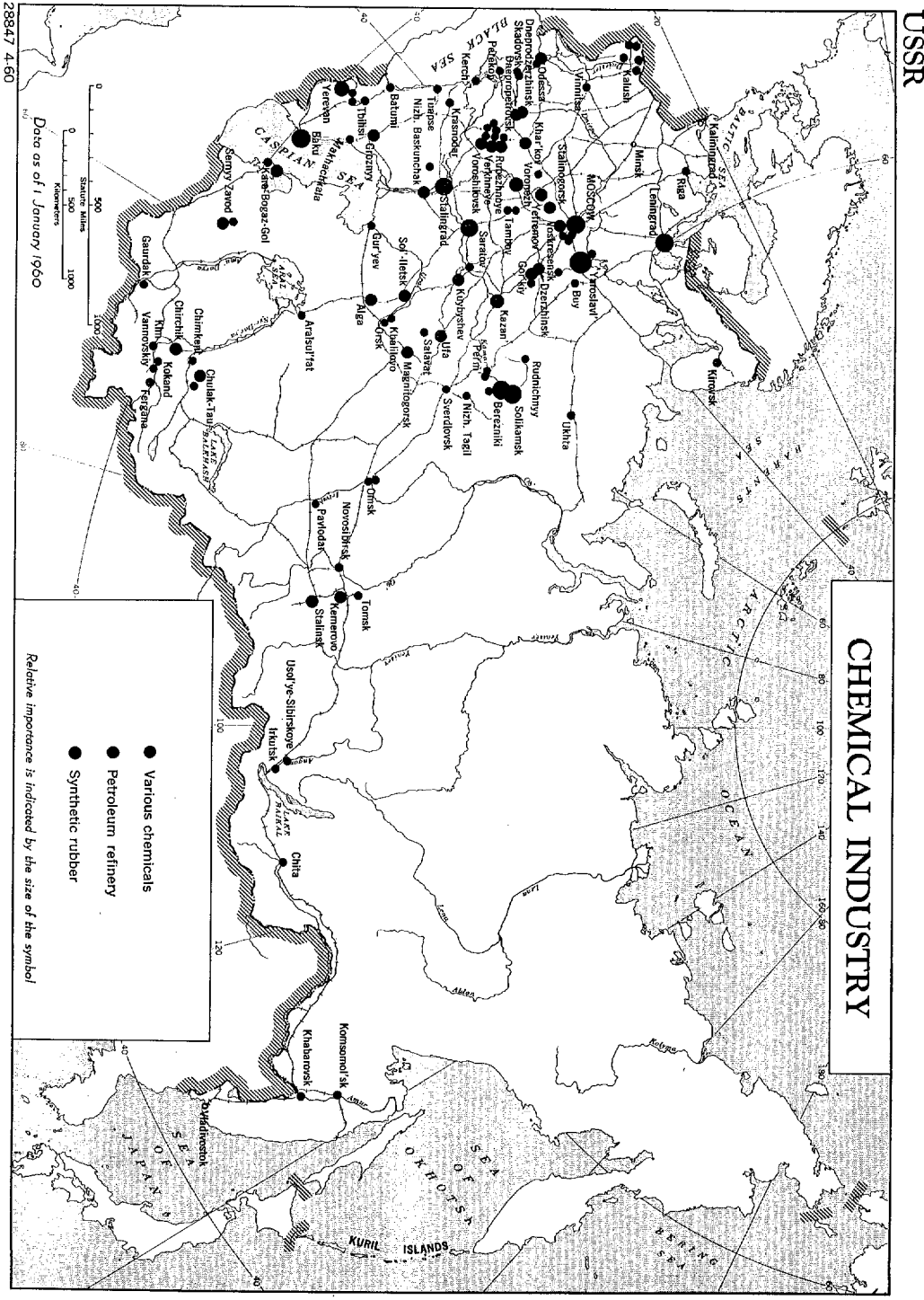












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