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Nº 345

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RESEARCH AID

ECONOMIC INTELLIGENCE
STATISTICAL HANDBOOK



CIA/RR RA-12-R3

June 1959

CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

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ECONOMIC INTELLIGENCE STATISTICAL HANDBOOK

CIA/RR RA-12-R3

NOTICE

This compilation was prepared primarily for use in ORR and is not a formal ORR publication. Data for the Sino-Soviet Bloc are the best estimates of ORR as of 1 May 1959.

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FOREWORD

1. *Objectives and Scope.*

The *Economic Intelligence Statistical Handbook*, 1959, 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 1959 *Handbook* consists of data on inventories and production for the years 1938, 1950, and 1955-58 for those commodities considered most important as measures of economic development. For the more important commodities, data for 1946 also are included. Certain of the more important commodities also are presented graphically both on semilogarithmic graphs and on bar charts: semilogarithmic graphs for data for 1950-58 and for planned data for 1965 and bar charts for data for 1950 and 1956-58. 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 certain new data, the 1959 *Handbook* is similar to previously published editions of the *Handbook*.

Unless otherwise indicated, data for the US, for the countries of the Sino-Soviet Bloc, for totals for NATO, for totals for the Sino-Soviet Bloc, and for totals for the European Satellites are presented for all years covered. Data for the individual

*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 political entity because its industrial production often is listed separately in the sources used.

countries of NATO and for other countries of the Free World are presented only for the latest two years available.

The titles of the tables are indicative of the commodities, years, and countries covered. A title of a table which includes only the name of the commodity or commodities and the years covered is intended to indicate coverage for NATO and the Sino-Soviet Bloc. Other countries of the Free World, however, also may occasionally be included in the table when such countries are significant producers. The title of a table will indicate the countries included in the table if any significant group of countries is omitted from the table.

2. *Sources and Reliability.*

In the 1959 *Handbook*, estimates for the Sino-Soviet Bloc are as of 1 May 1959 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. Reasonable care has been exercised in selecting sources, but because it has not been feasible to check the accuracy of such sources and data, this Office does not assume responsibility for their accuracy.

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 symbols *N.A.* and *Negl.* are used. The symbol *N.A.* is used when information on the existence of data or on the magnitude of data is not available, and the symbol *Negl.* is used when data are known

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to exist but, when recorded in terms of the rounded data, are less than one-half of the final significant digit.

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 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 shown in italics.

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. 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 and have been adjusted accordingly for the years before World War II. The exceptions to current boundaries have been noted in the footnotes in every case in which the date of the information was known.

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ECONOMIC INDICATORS

Table 1
 Estimated Gross National Product at Market Prices
 1950 and 1955-58

Country	Billion 1955 US \$				
	1950	1955	1956	1957	1958 ^a
NATO	496	619	639	651	642
Excluding US and Canada	152	194	202	211	214
US	321.5	397.5	407.3	411.3	399.4
Canada	21.5	27.0	29.1	29.0	29.0
Sino-Soviet Bloc ^b	193	269	295	306	331
USSR	111.0	150.0	166.0	172.0	184.0
Communist China	39.4	57.5	64.8	65.8	75.5
North Korea	N.A.	0.8	1.0	N.A.	N.A.
European Satellites	42.6	60.5	62.8	67.7	71.2
Bulgaria	1.2	1.7	1.8	2.0	2.1
Czechoslovakia	8.4	11.4	12.0	12.9	13.9
East Germany	10.8	16.6	17.5	18.4	19.6
Hungary	2.8	3.8	3.4	4.1	4.3
Poland	16.2	22.0	23.5	25.0	26.0
Rumania	3.2	5.0	4.6	5.3	5.3

^a Preliminary estimate.

^b Data for North Vietnam and Albania are not available.

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Table 2
Comparison of Selected Economic Indicators for the US and the USSR *
Selected Years, 1938-58, and 1965 Plan

Product, Unit of Measure, and Country	1938	1950	1955	1956	1957	1958	1965 Plan	Average Annual Rate of Growth ^b		
								1939-58	1951-58	1951-65
Gross national product (billion 1955 US \$)										
US	177.1	321.5	397.5	407.3	411.3	399.4		4.2	2.7	
USSR	N.A.	111.0	150.0	166.0	172.0	184.0	265-285 ^c	N.A.	6.5	6.2
Industrial production (1950=100)										
US	43	100	124	128	128	120		5.3	2.3	
USSR	N.A.	100	168-180	185-194	196-206	214-224	366-437 ^c	N.A.	10.3	9.7
Total population (million persons) ^d										
US	130.0	151.7	165.3	168.2	171.2	174.1	195.7	1.5	1.7	1.7
USSR	192.0	181.6	197.6	201.0	204.3	207.8	232.9 ^c	0.4	1.7	1.7
Electric power (billion kilowatt-hours)										
US	149.0	408.1	660.4	719.0	751.5	760.2		8.5	8.1	
USSR	39.4	91.2	170.1	192.0	209.7	233.0	500-520	9.3	12.4	12.2
Coal (million metric tons)										
US	358.0	508.4	445.3	479.6	487.6	382.4		0.3	-3.5	
USSR	133.3	260.7	391.3	429.2	463.0	496.0	600-612	6.8	8.4	5.8
Crude petroleum (million metric tons)										
US	164.1	266.7	335.7	353.7	353.6	330.9		3.6	2.7	
USSR	30.2	37.9	70.8	83.8	98.3	113.0	230-240	6.8	14.6	12.9
Crude steel (million metric tons)										
US	28.8	87.8	106.2	104.5	102.3	77.2		5.1	-1.6	
USSR	18.1	27.3	45.3	48.6	51.0	54.9	86-91	5.7	9.1	8.2
Refined copper (thousand metric tons)										
US	803	1,312	1,436	1,546	1,534	1,438		3.0	1.2	
USSR	103	247	377	387	396	406	772	7.1	6.4	7.9

1958										
Total grain										
(million metric tons)										
US	113.7	134.8	141.3	142.8	143.8	170.2		2.0	3.0	
USSR	88.7	84.9	103.3	115.2	100.0	125.0	164-180	1.7	5.0	4.8
Meat										
(million metric tons)										
US	7.47	10.01	12.20	12.73	12.22	11.39		2.1	1.6	
USSR	4.40	3.40	4.40	4.50	5.00	5.40	16.00	1.0	6.0	10.9
Wool										
(thousand metric tons)										
US	193.1	112.4	138.2	136.5	132.6	136.1		-1.7	2.4	
USSR	161.0	180.0	256.0	261.0	289.0	321.0	548.0	3.5	7.5	7.7
Sulfuric acid										
(million metric tons)										
US	3.80	11.82	14.30	14.36	14.70	14.38		6.9	2.5	
USSR	1.54	2.12	3.80	4.32	4.60	4.80	9.60	5.8	10.7	10.6
Radio and TV receivers										
(million units)										
US	7.14	22.05	22.29	21.37	21.83	17.43		4.6	-2.9	
USSR	0.16	1.08	4.02	4.27	4.30	4.90	10.50	18.7	20.8	16.4
Motor vehicles										
(thousand units)										
US	2,489	8,003	9,169	6,920	7,220	5,375 ¹		3.9	-4.9	
USSR	211	363	445	465	496	511	750-856	4.5	4.4	5.4
Railroad freight traffic										
(billion tkm) ²										
US	426	864	915	951	908	803		3.2	-0.9	
USSR	370	602	971	1,079	1,213	1,302	1,800-1,850	6.5	10.1	7.7
Cement										
(million metric tons)										
US	18.28	39.15	53.54	56.69	53.10	55.50		5.7	4.5	
USSR	5.69	10.19	22.48	24.86	28.90	33.30	75-81	9.2	16.0	14.5

¹ For detailed information on these items, see the pertinent tables.

² When a range of quantities or indexes occurred in data used in computing these averages, the midpoint of the range was used. The base year is the year before the stated year.

³ Estimates of 1965 plan; other plan data are official Soviet estimates.

⁴ Data are as of midyear.

⁵ Metric ton-kilometers.

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ECONOMIC INDICATORS

ECONOMIC INDICATORS

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Table 3
Comparison of Selected Economic Indicators for Communist China and India ^a
Selected Years, 1950-58

Product, Unit of Measure, and Country	1950	1955	1956	1957	Average Annual Rate of Growth ^b	
					1958	1951-58
Gross national product						
Communist China (billion 1955 US \$) . . .	39.4	57.5	64.8	65.8	75.5	8.5
India (billion 1957 US \$)	22.8	26.5	27.8	27.1	28.6	2.9
Industrial production (1950=100)						
Communist China	100	318	418	447	590	24.8
India	100	136	148	153	154	5.5
Total population (million persons) ^c						
Communist China	568	603	616	632	648	1.7
India	358	382	387	392	398	1.3
Electric power (billion kilowatt-hours)						
Communist China	4.55	12.30	16.60	19.00	27.50	25.2
India ^d	5.11	8.59	9.66	10.87	12.37	11.7
Coal (million metric tons)						
Communist China	40.9	96.6	110.5	130.4	270.2	26.6
India	32.8	38.8	39.9	44.2	46.1	4.3
Crude steel (million metric tons)						
Communist China	0.60	2.85	4.46	5.35	8.50	39.3
India	1.46	1.73	1.77	1.74	1.84	2.9
Rice (million metric tons)						
Communist China	64.0	78.0	82.5	86.7	105.0	6.4
India ^e	31.8	41.0	43.1	38.1	41.3	3.3
Motor vehicles (thousand units)						
Communist China	0	0	1.6	7.5	17.0	N.A.
India	14.6	23.1	32.1	31.9	26.1	7.5
Railroad freight traffic (billion tkm) ^f						
Communist China	39.4	98.1	120.4	134.6	186.0	21.4
India	44.2	59.6	65.8	70.7	N.A.	N.A.
Cement (million metric tons)						
Communist China	1.41	4.50	6.40	6.70	10.00	27.7
India	2.66	4.56	5.01	5.69	6.17	11.1

^a 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.

^b The base year is the year before the stated year.

^c Data are as of midyear.

^d Gross production by enterprises generating primarily for public use but excluding generation by industrial establishments generating primarily for their own use. In 1956, total net production was 11.97 billion kilowatt-hours.

^e Production estimated from planted acreage.

^f Metric ton-kilometers.

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Table 4
Distributive Shares of Gross National Product ^a
in the USSR
1958

Category	Percent of Total
Consumption	61-63
Investment	25-27
Defense	10-12
Administration	2

^a Percentages are based on ruble values expressed in 1955 prices. Estimated GNP for 1958 in 1955 rubles was 1,340 billion rubles. Percentages in this table are based on adjusted value added, which equals GNP at market prices plus subsidies minus indirect taxes. The ranges of the ruble values from which the percentages were derived prevent a more precise statement of the distribution of final product among the end uses.

Table 5
Indexes of Industrial Production in the US and the Sino-Soviet Bloc
1950 and 1955-58

Country	1950=100				
	1950	1955	1956	1957	1958
US	100	124	128	128	120 ^a
USSR	100	168-180	185-194	196-206	214-224
Communist China	100	318	418	447	590
North Korea ^b	N.A.	144	183	264	280
North Vietnam ^c	N.A.	100	210	433	505
European Satellites ^d	100	160	168	182	199 ^a
Bulgaria	100	165	184	207	234
Czechoslovakia	100	137	149	161	177
East Germany	100	173	183	197	217
Hungary	100	168	143	173	195
Poland	100	159	170	182	195
Rumania	100	171	176	202	221

^a Preliminary estimate.

^b 1949 equals 100.

^c 1955 equals 100.

^d Data for Albania are not available.

NOTE: The US index is the Federal Reserve Board series based on value added weights. The Soviet index has been calculated on a similar basis. Data for the other countries of the Sino-Soviet Bloc, however, are the official gross value series. The official Soviet index is as follows:

1950	1955	1956	1957	1958
100	185	205	225	247

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Table 6
State Budget of the USSR
1956-58 and 1959 Plan

Category	Billion Current Rubles ^a							
	1956		1957		1958		1959	
	Plan	Actual	Plan	Actual	Plan	Actual	Plan	
Revenues								
Turnover tax	271.2	258.6	277.3	275.6	301.5	N.A.	333.0	
Profit deductions ^b	107.3	102.9	116.0	118.4	130.3	N.A.	154.9	
Taxes on the population	50.3	50.5	51.5	52.0	49.8	N.A.	56.0	
State loans ^c	(40.3) ^d	44.3	39.2	35.2	17.6	N.A.	N.A.	
Social insurance receipts	(28.0)	28.3	31.0	33.3	33.5	N.A.	N.A.	
Machine Tractor Station revenue	N.A.	10.6	13.9	11.3	11.9	N.A.	1.5	
Taxes on enterprises and organizations	N.A.	14.1	15.5	14.1	15.6	N.A.	19.6	
Other revenues	N.A.	76.6	72.8	87.0	82.7	N.A.	N.A.	
Total	592.7	585.9	617.2	626.9	642.9	661.2	723.4	
Expenditures								
Financing the national economy	237.3	245.2	244.7	267.0	257.1	N.A.	308.7	
Industry	110.0	128.2	118.4	130.8	129.0	N.A.	145.3	
Heavy	100.9	112.0	103.5	N.A.	N.A.	N.A.	N.A.	
Light	9.1	16.2	14.9	N.A.	N.A.	N.A.	N.A.	
Agriculture	48.6	49.1	52.9	51.8	53.4	N.A.	30.3	
Procurement	N.A.	6.4	N.A.	N.A.	N.A.	N.A.	N.A.	
Transport and communications	21.8	21.5	18.0	N.A.	14.4	N.A.	20.8	
Trade	N.A.	12.2	N.A.	N.A.	N.A.	N.A.	N.A.	
Municipal economy	N.A.	11.3	N.A.	N.A.	N.A.	N.A.	N.A.	
Other	N.A.	16.5	N.A.	N.A.	N.A.	N.A.	N.A.	
Social-cultural measures	161.5	164.4	188.4	200.5	212.8	N.A.	232.2	
Education	72.8	73.6	78.9	80.7	84.2	N.A.	94.4	
Health	35.1	35.7	37.9	38.3	40.4	N.A.	44.1	
Social welfare	53.6	55.1	71.6	81.5	88.2	N.A.	93.7	
Administration	12.5	12.1	11.9	11.9	11.9	N.A.	11.5	
Defense	102.5	97.3	96.7	N.A.	96.3	N.A.	96.1	
Loan service ^e	(16.3)	16.3	18.0	N.A.	Negl.	Negl.	Negl.	
Reserve funds of the Council of Ministers	13.0		14.0		16.7		21.8	
Undisclosed expenditures	26.5	28.2	30.9	N.A.	32.9	N.A.	37.3	
Total	569.6	563.5	604.6	607.3	627.7	638.5	707.6	
Budget surplus	23.1	22.4	12.6	19.6	15.2	22.7	15.7	

^a 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.

^b Including return of surplus working capital.

^c Including (1) compulsory bond purchases by the population in annual mass loan campaigns, (2) voluntary bond purchases by the population at savings banks, (3) bond purchases by banks investing the net increase in savings deposits, and (4) bond purchases by the state commercial insurance organization investing part of its reserves.

^d Data in parentheses are estimates.

^e Including loan service payments to savings banks as well as to the population.

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Table 7
 Estimated Soviet Military-Economic Expenditures
 and the Announced Soviet Defense Budget ^a
 1957-58

Billion Current Rubles		
Category	1957	1958
Personnel costs	58	59
Pay and allowances ^b	30	30
Other ^c	29	29
Operation and maintenance	26	27
Procurement ^d	35	34
Aircraft	14	10
Ground armament ^e	5	5
Naval vessels	4	4
Guided missile programs ^f	2	6
Other ^g	10	10
Other programs ^h	34	37
Total military-economic ex- penditures	153	157
Announced defense budget (planned)	97	96

^a Totals are derived independently from unrounded data and do not always agree with the sums of their rounded components. All data are rounded to the nearest billion rubles.

^b Including militarized personnel of the Ministry of Defense and of the security forces.

^c Including food, clothing, miscellaneous supplies and services, pay and subsistence of reserves, and pensions.

^d Categories include initial spare parts.

^e Including armored vehicles and artillery and infantry weapons.

^f Excluding construction.

^g Including ground radar and communication equipment and organizational supporting equipment for all services.

^h Including military construction, research and development, atomic energy program, and DOSAAF support.

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Table 8
State Budget of Communist China
1955-58 and 1959 Plan

Category	Million Current Yuan				
	1955	1956	1957	1958	1959 Plan
Revenues, current					
Taxes	12,745	14,088	15,439	18,740	19,900
Profits of state enterprises ^a	11,194	13,426	14,221	22,020	31,800
Credits, loans, and insurance ^b	2,361	724	673	790	0
Other	903	505	369	310	310
Subtotal	27,203	28,743	30,702	41,860	52,010
Surplus ^c	3,155	1,011	0	0	0
Total	30,358	29,754	30,702 ^d	41,860	52,010
Expenditures, current					
Economic construction	13,762	15,915	14,861	26,270	31,700
Social, cultural, and educational	3,189	4,596	4,739	4,350	5,730
Defense	6,500	6,116	5,509	5,000	5,800
Administration	2,154	2,660	2,322	2,270	2,690
Loan repayments	666	722	839	905	1,100
Foreign aid	393	404	454	275	600
Other ^e	2,683	161	1,825	1,890	4,390
Total	29,347	30,574	30,549 ^d	40,960	52,010
Current budget surplus or deficit	-2,144	-1,831	590 ^d	900	0

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

^b After 1955, insurance revenue no longer was carried under this account.

^c Carried over from previous years.

^d Data for total revenues and expenditures and their breakdown are preliminary estimates. Final data for total revenues are 31,010 million yuan and for total expenditures 30,420 million yuan. No breakdown has been given for these final data.

^e Including allocations to the bank for credit funds, miscellaneous expenditures, and, in 1959, a general reserve of 950 million yuan.

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Table 9
Total Population ^a
1938, 1946, 1950, 1955-58, and 1960 Projection

Country	Million Persons							1960 (Projec- tion)
	1938	1946	1950	1955	1956	1957	1958	
NATO	372	396	418	444	450	456	462	473
US	130.0	141.4	151.7	165.3	168.2	171.2	174.1	180.1
Sino-Soviet Bloc ^b	857	846	863	917	934	955	976	1,020
USSR	192.0	174.7	181.6	197.6	201.0	204.3	207.8	215.0
Communist China	548.0	561.0	568.0	603.0	616.0	632.0	648.0	680.0
North Korea	8.2	9.0	9.3	7.9	8.1	8.3	8.5	8.8
North Vietnam	13.0	12.5	13.3	13.0	13.2	13.4	13.6	14.0
European Satellites	95.5	88.1	89.7	94.3	95.3	95.8	96.9	99.1
Albania	1.0	1.1	1.2	1.4	1.4	1.5	1.5	1.6
Bulgaria	6.7	7.0	7.3	7.5	7.6	7.6	7.7	7.9
Czechoslovakia	14.5	12.9	12.4	13.1	13.3	13.3	13.5	13.9
East Germany	16.6	18.1	18.4	17.9	17.7	17.5	17.3	17.2
Hungary	9.2	9.2	9.3	9.8	9.9	9.8	9.9	10.1
Poland	31.9	24.0	24.8	27.3	27.8	28.3	28.9	29.9
Rumania	15.6	15.8	16.3	17.3	17.6	17.8	18.1	18.5

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	9.0	9.0	Iceland	0.2	0.2	Portugal	8.9	8.9
Canada	16.6	17.0	Italy	48.4	48.6	Turkey	25.3	25.9
Denmark	4.5	4.6	Luxembourg	0.3	0.3	UK	51.5	51.8
France	44.0	44.3	Netherlands	11.0	11.2	West Germany ^c	53.7	54.1
Greece	8.1	8.2	Norway	3.5	3.5			

^a Present boundaries. Data are as of midyear.

^b Including Outer Mongolia.

^c Including West Berlin.

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Table 10
Civilian Employment ^a
1950 and 1955-58

Country	Million Persons				
	1950	1955	1956	1957	1958
NATO ^b	144	184	170	172	N.A.
US	63.1	65.8	67.5	67.9	68.6
Sino-Soviet Bloc ^c	402	434	445	455	463
USSR	84.2	91.4	94.4	96.2	97.9
Communist China	262	286	293	300	306
North Korea	4.40	3.50	3.60	3.70	3.80
North Vietnam	6.50	6.40	6.50	6.60	6.70
European Satellites	44.4	46.8	47.7	48.4	48.8
Albania	0.60	0.69	0.70	0.72	0.73
Bulgaria	4.22	4.05	4.17	4.26	4.41
Czechoslovakia	5.64	6.04	6.13	6.23	6.33
East Germany	8.43	8.45	8.56	8.62	8.54
Hungary	4.03	4.29	4.39	4.43	4.45
Poland	12.1	13.4	13.7	14.0	14.1
Rumania	9.38	9.89	10.0	10.1	10.3

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	3.60	3.59	Italy	20.0	20.4	Norway	1.48	1.49
Canada	5.70	6.00	Luxembourg	0.15	0.15	UK	24.2	24.2
France ^d	18.8	18.9	Netherlands	4.18	4.24	West Germany	24.8	25.3

^a 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 midyear employment for Communist China, North Korea, North Vietnam, and East Germany. All data for the countries of the Sino-Soviet Bloc, the US, and France exclude the military forces. Data for the US and NATO include unemployed. Data for the US refer to annual averages of monthly data. Data for the other NATO countries are as of midyear.

^b Excluding for 1950, France and Italy; for 1955-57, Denmark, Iceland, and Portugal; and for 1956-57, Greece and Turkey. For countries other than the US and France, armed forces are included.

^c Excluding Outer Mongolia.

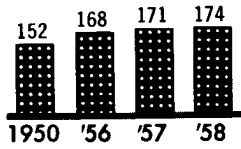
^d Civilian labor force.

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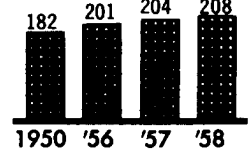
Figure 1

COMPARISON OF POPULATION* IN SELECTED AREAS SELECTED YEARS, 1950-1958

US



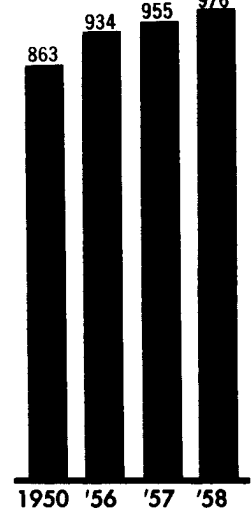
USSR



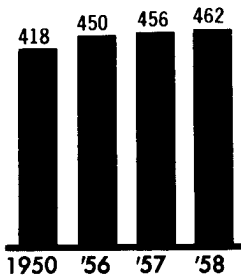
Million persons



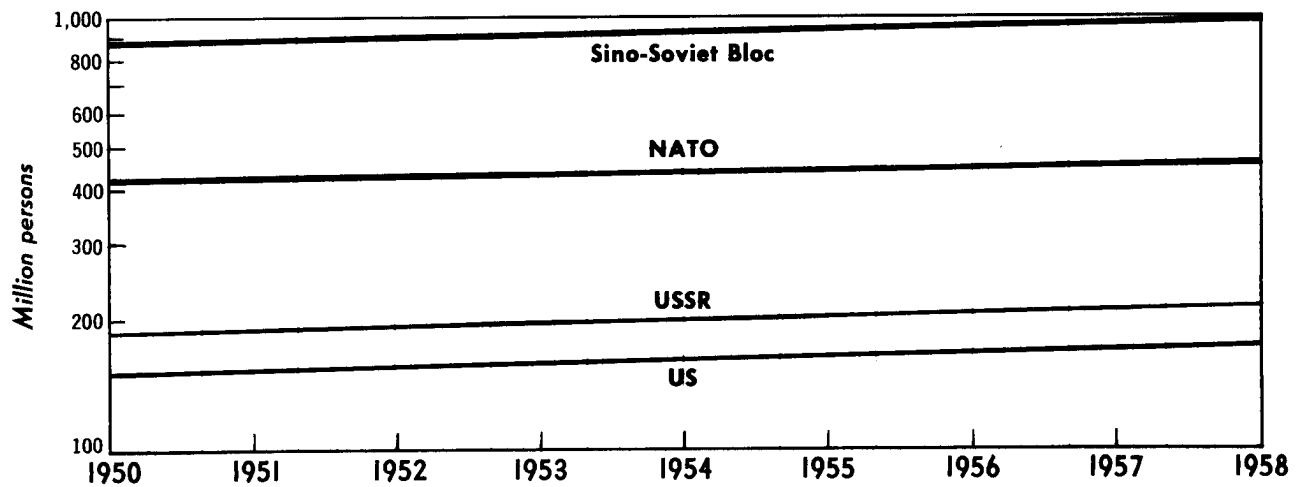
Sino-Soviet Bloc



NATO



* Midyear population



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Table 11
Agricultural Employment in the US and the Sino-Soviet Bloc ^a
1950 and 1955-58

Country	Million Persons				
	1950	1955	1956	1957	1958
US	7.51	6.73	6.58	6.22	5.84
Sino-Soviet Bloc ^b	295	312	318	326	331
USSR	45.3	45.6	46.8	46.9	46.3
Communist China	217	235	240	247	252
North Korea	3.30	2.60	2.70	2.80	2.80
North Vietnam	5.50	5.50	5.60	5.60	5.70
European Satellites	24.2	23.1	23.3	23.5	23.7
Albania	0.47	0.51	0.52	0.53	0.54
Bulgaria	3.25	2.71	2.80	2.82	2.95
Czechoslovakia	2.06	1.96	1.92	1.90	1.88
East Germany	2.07	1.74	1.73	1.64	1.63
Hungary	2.10	1.95	1.99	2.03	2.03
Poland	7.14	7.18	7.24	7.30	7.36
Rumania	7.15	7.02	7.10	7.25	7.33

^a For an explanation of data, see Table 10, footnote a (p. 10, above).

^b Excluding Outer Mongolia.

Table 12
Nonagricultural Employment in the US and the Sino-Soviet Bloc ^a
1950 and 1955-58

Country	Million Persons				
	1950	1955	1956	1957	1958
US	52.4	56.5	58.4	58.8	58.1
Sino-Soviet Bloc ^b	106	122	127	129	133
USSR	38.9	45.8	47.6	49.3	51.6
Communist China	45.0	51.0	53.0	53.0	54.0
North Korea	1.10	0.90	0.90	0.90	1.00
North Vietnam	1.00	0.90	0.90	1.00	1.00
European Satellites	20.2	23.7	24.4	24.9	25.1
Albania	0.13	0.18	0.18	0.19	0.19
Bulgaria	0.97	1.34	1.37	1.44	1.46
Czechoslovakia	3.58	4.08	4.21	4.33	4.45
East Germany	6.36	6.71	6.83	6.98	6.91
Hungary	1.93	2.34	2.40	2.40	2.42
Poland	4.99	6.20	6.44	6.68	6.75
Rumania	2.23	2.87	2.94	2.88	2.93

^a For an explanation of data, see Table 10, footnote a (p. 10, above).

^b Excluding Outer Mongolia.

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Table 13
 Military Age Group ^a in the US and the
 Sino-Soviet Bloc
 1956 and 1961 and 1966 Projections

Country	Thousand Persons		
	1956	1961	1966
US	11,200	11,500	13,100
Sino-Soviet Bloc ^b ...	<i>82,800</i>	<i>82,500</i>	<i>81,800</i>
USSR	18,540	19,170	18,760
Communist China ..	55,000	54,000	54,000
North Korea	670	670	680
North Vietnam	1,100	1,120	1,140
European Satellites.	<i>7,470</i>	<i>7,500</i>	<i>7,170</i>
Albania	130	140	150
Bulgaria	660	610	580
Czechoslovakia ...	930	910	990
East Germany ...	1,100	1,260 ^c	1,110 ^c
Hungary	760	690	720
Poland	2,330	2,310	2,120
Rumania	1,560	1,580	1,500

^a The male population 20 to 29 years of age as of the beginning of the year.

^b Excluding Outer Mongolia.

^c Assuming average annual emigration of 200,000 persons of all ages.

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Table 14
Production of Electric Power
1938, 1946, 1950, and 1955-58

Country	Billion Kilowatt-Hours						
	1938	1946	1950	1955	1956	1957	1958
NATO ^a	292	462	663	1,060	1,150	1,210 ^b	1,220 ^b
US Total ^c	149.05	283.08	408.14	660.40	719.04	751.49 ^b	760.21 ^b
of which hydro ^c	50.82	87.04	105.94	121.80	131.46	139.86 ^b	150.50 ^b
Sino-Soviet Bloc	78.3	80.4	143	259	294	321	362
USSR Total	39.40	48.60	91.20	170.10	192.00	209.70	233.00
of which hydro	5.10	6.00	12.70	23.20	29.10	39.30	44.00
Communist China	4.50	3.80	4.55	12.30	16.60	19.00	27.50
North Korea	2.50	3.93	3.00	3.00	5.10	6.90	7.63
North Vietnam	0.12 ^d	N.A.	0.07	0.05	0.09	0.14	0.16
European Satellites	31.8	24.1	44.1	73.4	79.9	85.2	93.6
Albania	Negl.	Negl.	0.02	0.08	0.10	0.12	0.15
Bulgaria	0.23	0.44	0.80	2.07	2.39	2.66	3.24
Czechoslovakia	4.05	5.57	9.27	15.00	16.60	17.72	19.60
East Germany	18.00	11.10	19.50	28.70	31.20	32.70	34.80
Hungary	1.40	1.28	3.00	5.43	5.20	5.44	6.50
Poland	6.96	5.70	9.40	17.80	19.50	21.16	23.60
Rumania	1.13	N.A.	2.11	4.30	4.93	5.42	5.70

NATO Countries

Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b
Belgium	12.61	12.22	Iceland	0.44	N.A.	Portugal	2.37	2.65
Canada	90.25	96.74	Italy	42.72	44.30	Saar	2.88	N.A.
Denmark	3.64 ^e	3.53 ^f	Luxembourg	1.22	N.A.	Turkey	2.06	N.A.
France	57.43	61.80 ^g	Netherlands	13.37	13.85	UK	105.54	98.51 ^h
Greece	1.71	N.A.	Norway	25.84	27.18	West Germany	91.77	94.21

Other Countries

Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b
Austria	12.46	10.99 ^f	Japan ^o	81.30	N.A.	Switzerland ¹	15.89	16.87
Finland	7.71	7.88	Spain	14.52	15.50	Yugoslavia	6.25	7.36
India ^r	10.87	12.37	Sweden	28.97	30.42			

^a Excluding for 1958, Greece, Iceland, Luxembourg, and Turkey. Data refer to total production at generating centers (therefore including transmission losses) except for 1958 for Denmark and the UK and for 1938 for Greece. These countries include production by enterprises generating primarily for public use. For further information regarding data for these countries, see footnote for individual countries.

^b Preliminary estimate.

^c Data are gross estimates based on reported net, adjusted by adding 5 percent to include production which is consumed on the station itself. These data are therefore a more realistic comparison with countries of the Sino-Soviet Bloc, which have been reporting on a gross basis.

^d 1939.

^e Data are for the year beginning on 1 April.

^f Production by enterprises generating primarily for public use.

^g Total for 1958 for France is approximately 95 percent of gross production.

^h Excluding Northern Ireland.

¹ Data are for the year ending on 30 September.

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Table 15
Production of Coal ^a
1955-58

Country	Million MT/SF ^b			
	1955	1956	1957	1958
NATO ^c	967	1,010	996 ^d	N.A.
US	460.42	496.09	483.69 ^d	395.53 ^d
Sino-Soviet Bloc	607	653	705	870
USSR	310.82	337.77	364.42	389.93
Communist China	89.70	102.62	121.04	250.89
North Korea	2.62	2.95	3.78	5.20
North Vietnam	0.71	0.91	1.15	1.39
European Satellites	204	209	214	223
Albania	0.10	0.11	0.12	0.13
Bulgaria	5.07	5.47	6.00	6.41
Czechoslovakia	36.43	40.12	43.03	47.12
East Germany	65.34	67.07	69.18	70.04
Hungary	10.92	9.99	10.31	11.80
Poland	82.73	83.32	82.35	83.56
Rumania	2.97	3.14	3.41	3.58

^a Including hard coal (anthracite and bituminous), brown coal, and lignite in terms of standard fuel. For actual tonnages of hard or brown coal, see Tables 16 and 17 (pp. 15 and 16, respectively, below).

^b Million metric tons of standard fuel. The average calorific values used to convert to standard fuel of 7,000 kilocalories per kilogram are listed below. Computations for standard fuel were not carried out for data before 1952, because to do so, using these same values, would be misleading. In most countries, there has been since 1938 a deterioration in the quality of coal which has resulted in lower calorific values. Because the trend has not been uniform, it would be difficult to arrive at the appropriate calorific values to be used for years before 1952.

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
USSR	6,653	2,925
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	3,476
Czechoslovakia	5,090	3,492
East Germany	6,000	2,200
Hungary	4,700	3,250
Poland	6,000	2,000
Rumania	6,500	3,300

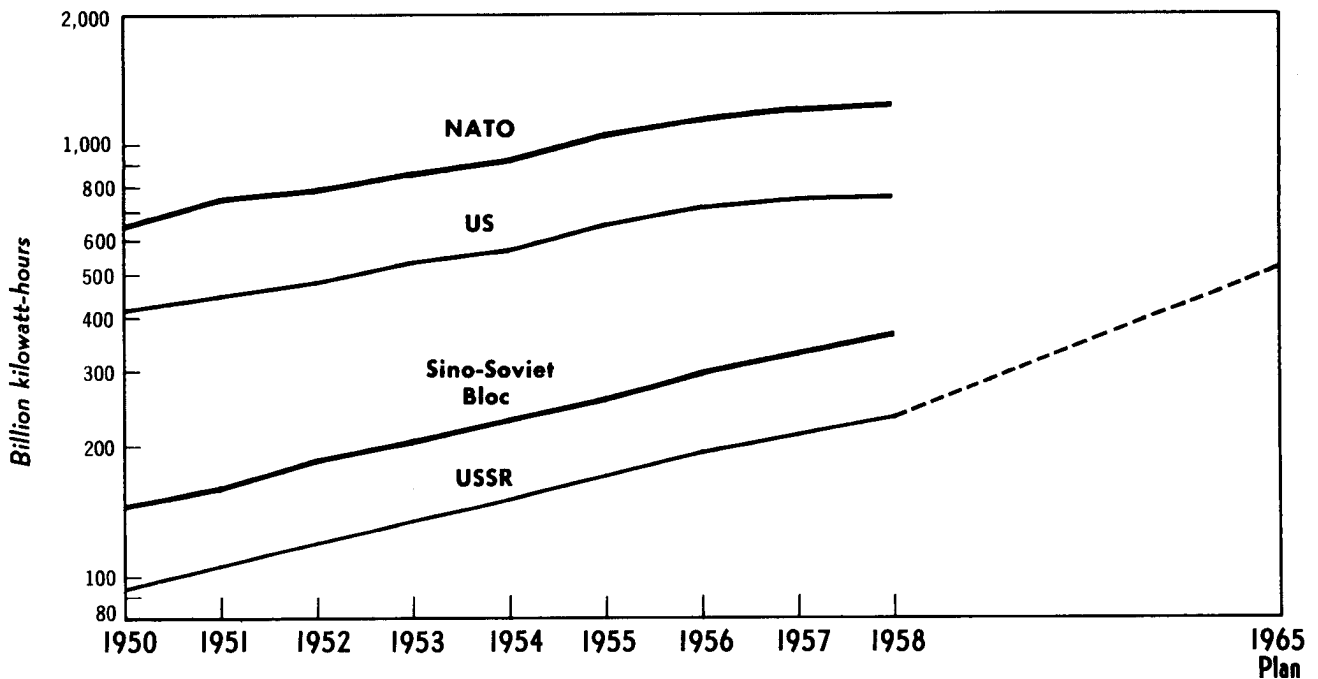
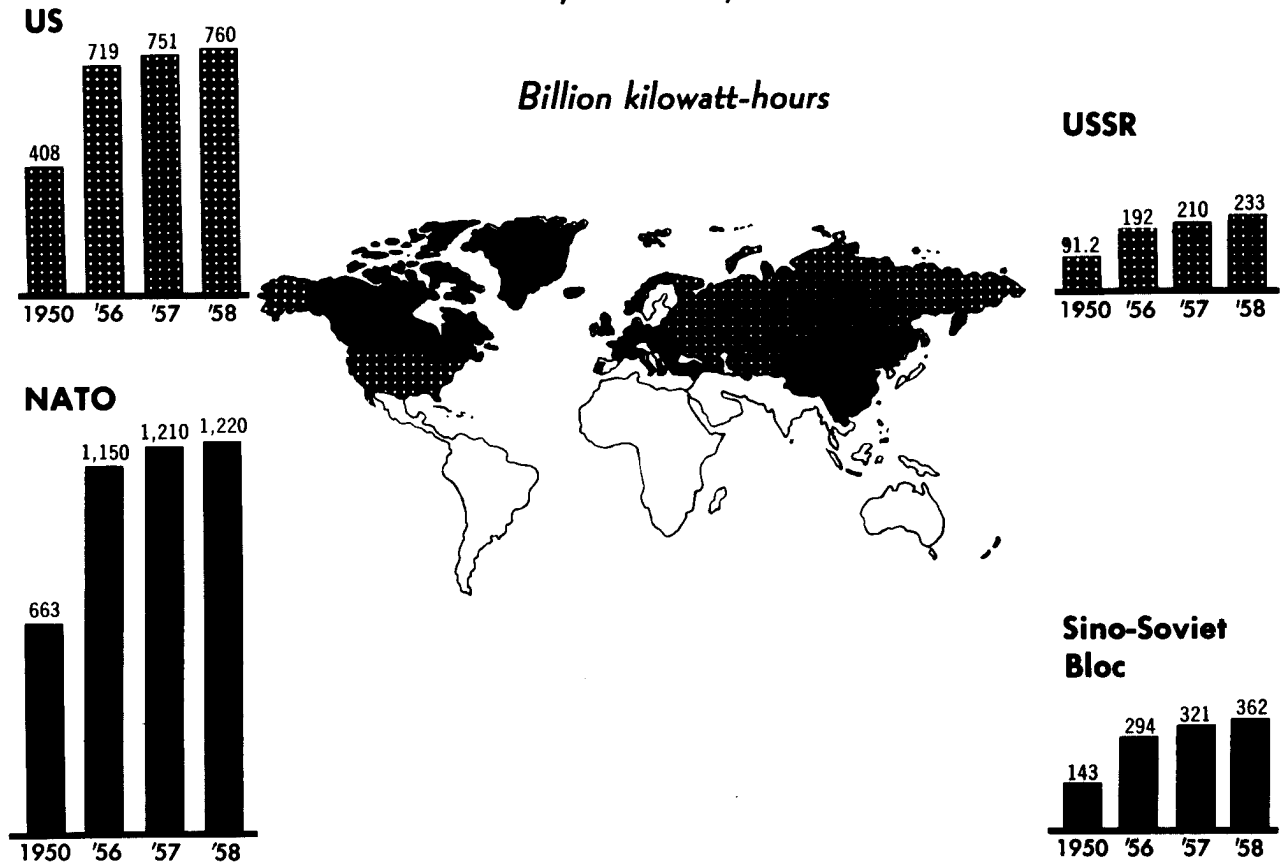
^c Excluding Iceland and Luxembourg. Production for Belgium, Norway, the Saar, and the UK includes hard coal only. Production for Denmark and Greece includes brown coal and lignite only.

^d Preliminary estimate.

Figure 2

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**COMPARISON OF PRODUCTION OF ELECTRIC POWER
IN SELECTED AREAS
SELECTED YEARS, 1950-58, AND 1965 PLAN**



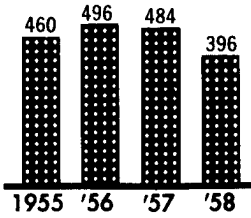
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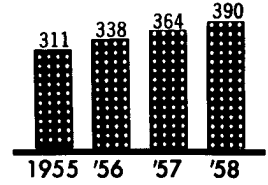
Figure 3

COMPARISON OF PRODUCTION OF COAL * (STANDARD FUEL EQUIVALENT) IN SELECTED AREAS, 1955-58

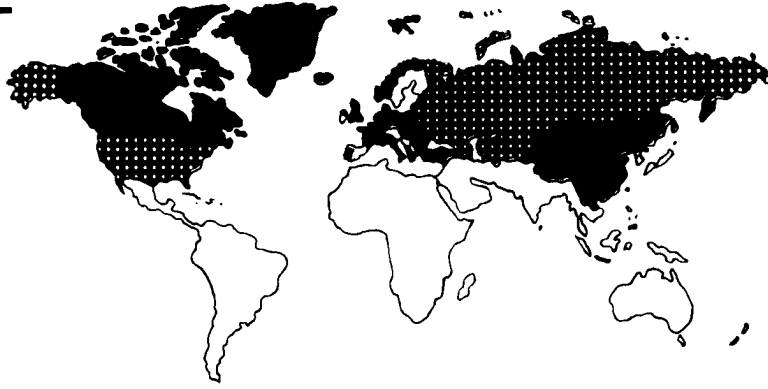
US



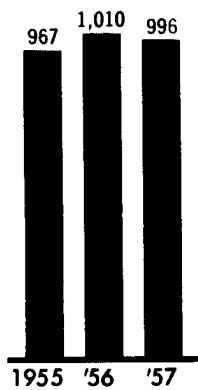
USSR



*Million metric tons
of standard fuel equivalent*



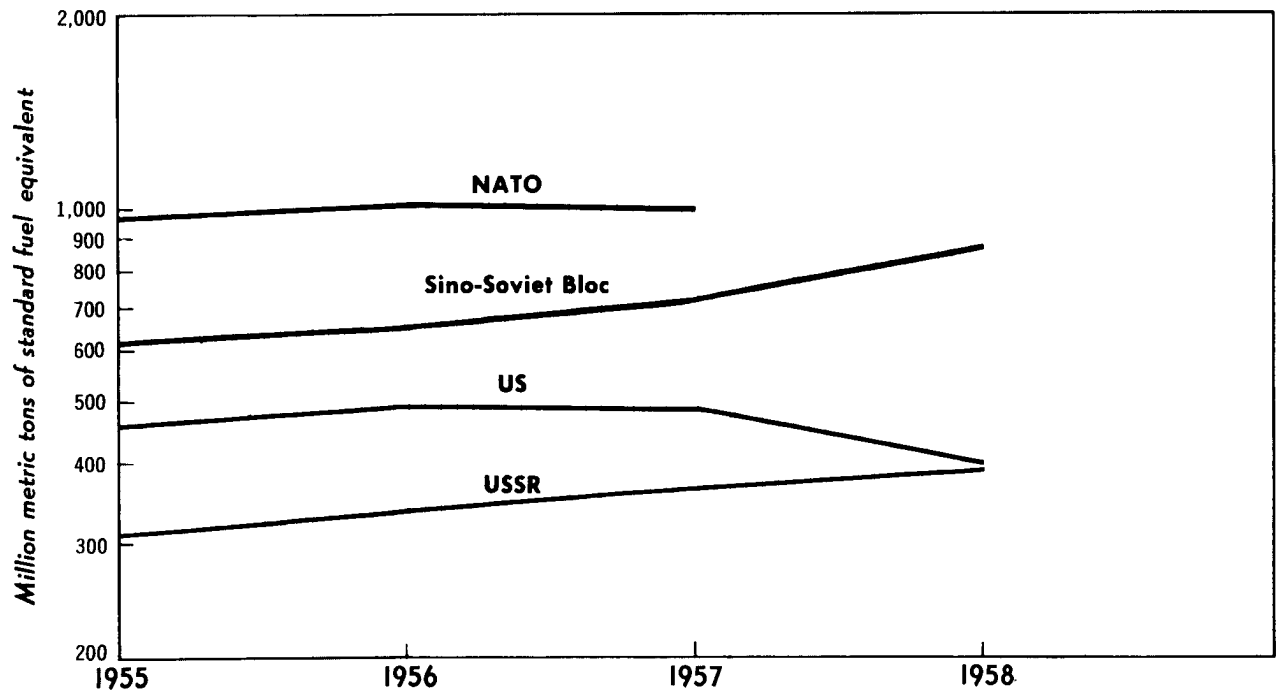
NATO



Sino-Soviet Bloc



* Including hard (anthracite and bituminous) and brown coal and lignite.



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Table 16
Production of Hard Coal ^a
1938, 1946, 1950, and 1955-58

Country	Million Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	843	889	962	930	969	956 ^c	860 ^c
US	355.3	536.8	505.3	442.4	476.9	465.0 ^c	380.2 ^c
Sino-Soviet Bloc ^d	249	199	329	499	535	579	746
USSR	114.7	114.3	185.2	276.6	297.5	321.0	343.0
Communist China ^e	39.6	19.0 ^f	40.9	96.6	110.5	130.4	270.2
North Korea	1.1	0.7	1.1	2.1	2.2	2.8	3.9
North Vietnam	2.3 ^g	0.3 ^g	0.5 ^g	0.8	1.0	1.0	1.5
European Satellites	91.1	64.9	101	122	124	124	127
Bulgaria	0.1	0.1	0.2	0.3	0.4	0.4	0.4
Czechoslovakia	16.7 ^h	14.1	18.5	22.1	23.4	24.2	25.8
East Germany	3.5	2.5	2.8	2.7	2.7	2.8	2.9
Hungary	1.0	0.7	1.4	2.7	2.1	2.3	2.6
Poland	69.4	47.3	78.0	94.5	95.2	94.1	95.0
Rumania	0.4	0.2	0.2	0.2	0.2	0.2	0.2

NATO Countries

Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c
Belgium	29.1	27.1	Netherlands	11.4	11.9	Turkey	4.0	4.2
Canada	9.9	8.5	Norway ⁱ	0.4	0.3	UK	227.0	219.2
France	56.8	57.7	Portugal	0.5	0.6	West Germany	134.3	133.6
Italy	1.0	0.7	Saar	16.4	16.4			

Other Countries

Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c
Australia	20.1	20.7	Spain	13.9	14.2	Yugoslavia	1.2	1.2
India	44.2	46.4	Union of South					
Japan	52.3	49.8	Africa	34.8	37.1			

^a Including anthracite and bituminous coal.

^b Excluding Denmark, Greece, Iceland, and Luxembourg.

^c Preliminary estimate.

^d There has been little or no production in Albania.

^e Including a negligible amount of brown coal.

^f 1947.

^g Including production from all areas of Indochina.

^h 1937.

ⁱ Norwegian mines in Svalbard only.

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FUELS AND POWER

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Table 17
Production of Brown Coal and Lignite
1938, 1946, 1950, and 1955-58

Country	Million Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^a	74.5	62.7	85.6	102	108	110 ^b	N.A.
US	2.7	2.4	3.1	2.9	2.7	2.6 ^b	2.2 ^b
Sino-Soviet Bloc ^c	176	192	267	399	427	451	477
USSR	18.5	49.8	75.5	114.6	131.7	142.0	153.0
North Korea	1.7	0.6	0.9	1.3	1.7	2.2	3.0
European Satellites	156	142	191	283	294	307	321
Albania	<i>Negl.</i>	<i>Negl.</i>	<i>Negl.</i>	0.2	0.2	0.2	0.3
Bulgaria	1.9	3.4	5.8	9.8	10.4	11.5	12.3
Czechoslovakia	18.0 ^d	19.5	27.5	40.8	46.3	51.0	56.8
East Germany	119.6	109.8	137.0	200.6	205.9	212.6	214.9
Hungary	8.3	5.6	11.9	19.6	18.5	18.9	21.6
Poland	5.8	1.4	4.8	6.0	6.2	6.0	7.5
Rumania	2.5	1.8	3.7	5.9	6.3	6.7	7.1

NATO Countries

Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b
Canada	2.0	2.0	Greece	0.9	N.A.	Portugal	0.2	0.2
Denmark	2.0	N.A.	Italy	0.4	0.8	Turkey	2.4	N.A.
France	2.3	2.3	Netherlands	0.3	0.3	West Germany	96.9	93.5

Other Countries

Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b
Australia	10.9	11.8	Japan	1.7	1.6	Spain	2.5	N.A.
Austria	6.9	6.5	New Zealand	1.8	1.9	Yugoslavia	16.8	17.9

^a Excluding Belgium, Iceland, Luxembourg, Norway, and the UK, and for 1938, Denmark and Portugal.

^b Preliminary estimate.

^c Negligible production in Communist China is included in hard coal. There has been little or no production in North Vietnam.

^d 1937.

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Table 18
Production of Peat ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	N.A.	N.A.	3,310	3,400	3,500	N.A.
US	N.A.	119	248	322	349	N.A.
USSR	26,500	36,000	50,800	44,300	54,000	53,000
Czechoslovakia	N.A.	N.A.	110	175	N.A.	N.A.
Poland	N.A.	N.A.	651	661	365	N.A.

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada	116	120	Iceland	<i>Negl.</i>	<i>Negl.</i>	Norway	265	372
Denmark	706	734	Italy	1	N.A.	West Germany	1,510	1,441
France	32	32	Netherlands	450	450			

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Finland	160	206	Ireland	3,642	4,156	Sweden	324	325

^a Including peat produced for agricultural use only in the US and Canada and for both fuel and agricultural use in other NATO countries. Data for the Sino-Soviet Bloc refer to peat used as fuel only. There has been little or no production in countries of the Sino-Soviet Bloc that are not listed.

^b Excluding for all years, Belgium, Greece, Luxembourg, Portugal, Turkey, and the UK, and for 1957, Italy.

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Table 19
Production of Metallurgical Coke
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	98,000	132,000	159,000	167,000	171,000 ^b	N.A.
US ^c	29,480	65,969	68,313	67,570	68,902 ^b	N.A.
Sino-Soviet Bloc ^d	25,800	36,600	61,500	65,200	69,600	73,800
USSR	19,600	27,700	43,600	46,600	48,600	50,900
Communist China	1,043	1,275	5,500	5,570	7,460	8,500
North Korea	N.A.	405	154	200	240	540
European Satellites	5,180	7,180	12,200	12,800	13,300	13,900
Bulgaria ^e	4	9	10	10	12	12
Czechoslovakia	2,296	4,047	5,460	5,825	5,943	5,860
East Germany	280	254	465 ^f	500 ^f	500 ^f	500 ^f
Hungary ^g	0	0	30	30	197	274
Poland	2,523 ^h	2,802	6,127	6,200	6,242	6,647
Rumania	80	72	144	256	435	559

NATO Countries

Country	1956	1957 ^b	Country	1956	1957 ^b	Country	1956	1957 ^b
Belgium ⁱ	7,270	7,156	Italy ^j	3,411	3,687	Turkey	586	612
Canada	3,634	3,450	Netherlands ^k	4,237	4,244	UK	19,958	20,820
France	12,249	12,564	Saar	4,206	4,324	West Germany	43,546	45,332

Other Countries

Country	1956	1957 ^b	Country	1956	1957 ^b	Country	1956	1957 ^b
Australia ^l	2,091	2,270	Spain	1,596	1,884	Yugoslavia	923	1,037
Austria ^m	1,720	1,843	Union of South Africa ⁿ	1,487	1,816			
Japan	5,292	5,989						

^a Excluding Denmark, Greece, Iceland, Luxembourg, Norway, and Portugal. Data exclude breeze coke in all countries except Belgium, Italy, and the Netherlands.

^b Preliminary estimate.

^c Including coke made in byproduct coke ovens installed in gas works.

^d Data for North Vietnam are not available. There has been little or no production in Albania.

^e Mainly foundry coke; probably not metallurgical grade.

^f Including some high-temperature brown coal coke used for metallurgical purposes, estimated at 180,000 metric tons in 1955 and 200,000 metric tons in 1956, in 1957, and in 1958.

^g Hungarian data are for 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.

^h 1937.

ⁱ Including breeze coke.

^j Data are for the year ending on 30 June.

^k Production of the Linz cokery only.

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Table 20
Production of Crude Petroleum
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^a	166,000	236,000	273,000	359,000	384,000	387,000 ^b	363,000 ^b
US	164,107	234,323	266,708	335,744	353,698	353,630 ^b	330,936 ^b
Sino-Soviet Bloc ^c	37,500	26,900	44,000	84,600	97,900	113,000	128,000
USSR	30,200	21,700	37,878	70,793	83,795	98,300	113,000
Communist China ^d	N.A.	N.A.	200	966	1,163	1,455	2,180
European Satellites	7,290	5,220	5,960	12,800	12,900	12,900	13,000
Albania	120	100	132	208	266	490	403
Bulgaria	0	0	0	150	247	285	220
Czechoslovakia	19	29	63	107	108	110	110
East Germany	0	0	0	Negl.	Negl.	Negl.	5
Hungary	40	670	510	1,600	1,200	675	824
Poland	507	120	160	180	184	181	175
Rumania	6,600	4,300	5,100	10,600	10,900	11,180	11,300

NATO Countries

Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b
Canada	24,536	22,368	Netherlands	1,523	1,621	UK	155	N.A.
France	1,418	1,390	Turkey	298	328	West Germany	3,960	4,428
Italy	1,257	1,535						

Other Countries

Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b
Argentina	4,858	N.A.	Iran	35,129	N.A.	Peru	2,553	N.A.
Austria	3,186	2,832	Iraq	21,980	N.A.	Qatar	6,611	8,220
Bahrein	1,599	2,028	Kuwait	57,286	70,212	Saudi Arabia	48,361	49,476
Brunei	5,526	N.A.	Kuwait Neutral Zone	3,328	N.A.	Trinidad	4,875	5,340
Colombia ^e	6,339	6,480	Mexico	12,630	13,548	Venezuela	148,378	139,116
Indonesia	15,468	N.A.				Yugoslavia	396	462
World total	884,300	N.A.						

^a Excluding for all years, Belgium, Denmark, Greece, Iceland, Luxembourg, Norway, and Portugal; for 1938, the Netherlands; for 1938 and 1946, Turkey; and for 1958, the UK. Natural gasoline is excluded.

^b Preliminary estimate.

^c Excluding production of synthetic crude oil except for Communist China. There has been little or no production in North Korea and North Vietnam.

^d Including production of natural and synthetic crude oil.

^e Including natural gasoline.

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Table 21
Production of Natural Gas
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	54,200	145,000	220,000	236,000	251,000 ^b	265,000 ^b
US	53,422	142,311	213,065	227,986	241,946 ^b	252,000 ^b
Sino-Soviet Bloc ^c	N.A.	7,400	12,400	15,400	21,200	30,600
USSR	N.A.	4,600	7,100	9,500	14,700	22,300
European Satellites	2,480	2,800	5,290	5,860	6,480	8,340
Czechoslovakia	Negl.	25	137	216	610	1,000
East Germany	0	0	8	9	12	28
Hungary	8	140	431	357	326	297
Poland	552	140	310	344	375	466
Rumania	1,924	2,500	4,400	4,930	5,157	6,544

NATO Countries

Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b
Canada	4,671	7,661	Italy	3,995	4,147	West Germany	286	N.A.
France	449	843						

Other Countries

Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b	Country	1957 ^b	1958 ^b
Austria	609	657	Japan	195	294	Venezuela	2,899	N.A.
Indonesia ^d	1,734	N.A.	Mexico ^d	3,714	4,800			

^a Including for all years, Canada, Italy, and the US; except for 1938, France; except for 1958, West Germany; and except for 1938 and 1957-58, the Netherlands.

^b Preliminary estimate.

^c There has been little or no production in countries of the Sino-Soviet Bloc that are not listed. Data for Communist China are not available. Data have been converted at the rate of 0.00079 metric ton per cubic meter.

^d Total production, including gas for repressuring and gas wasted.

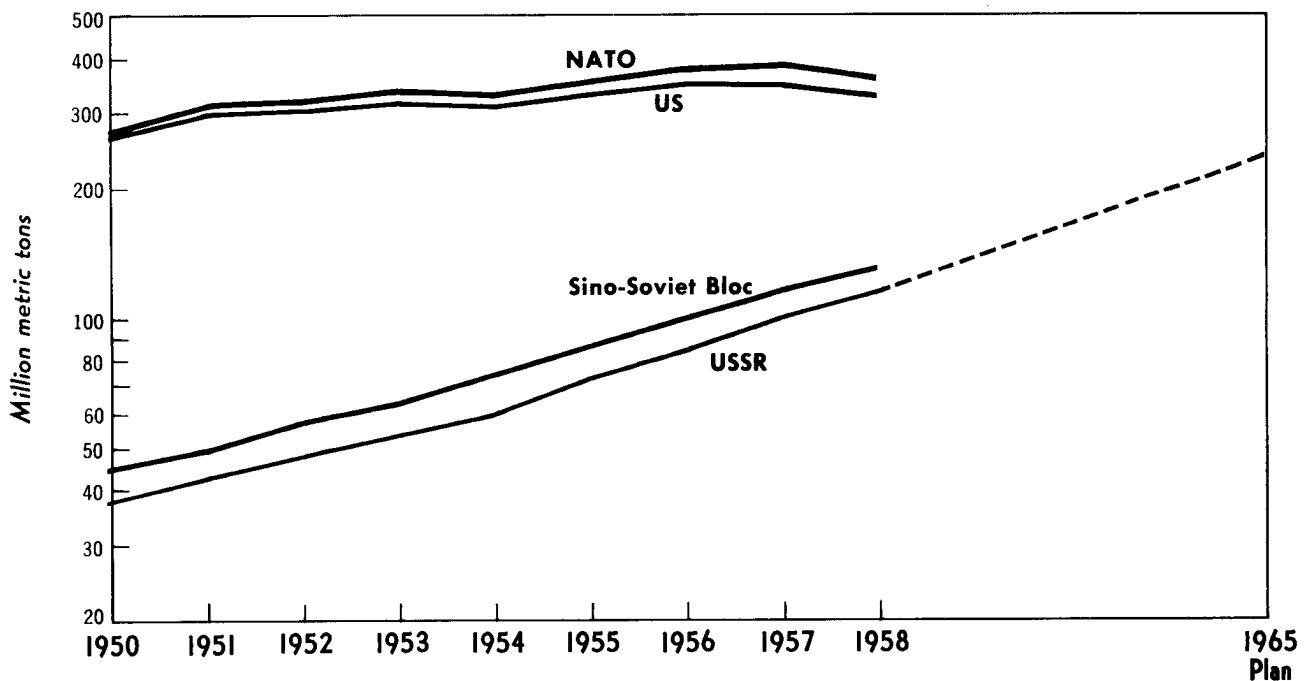
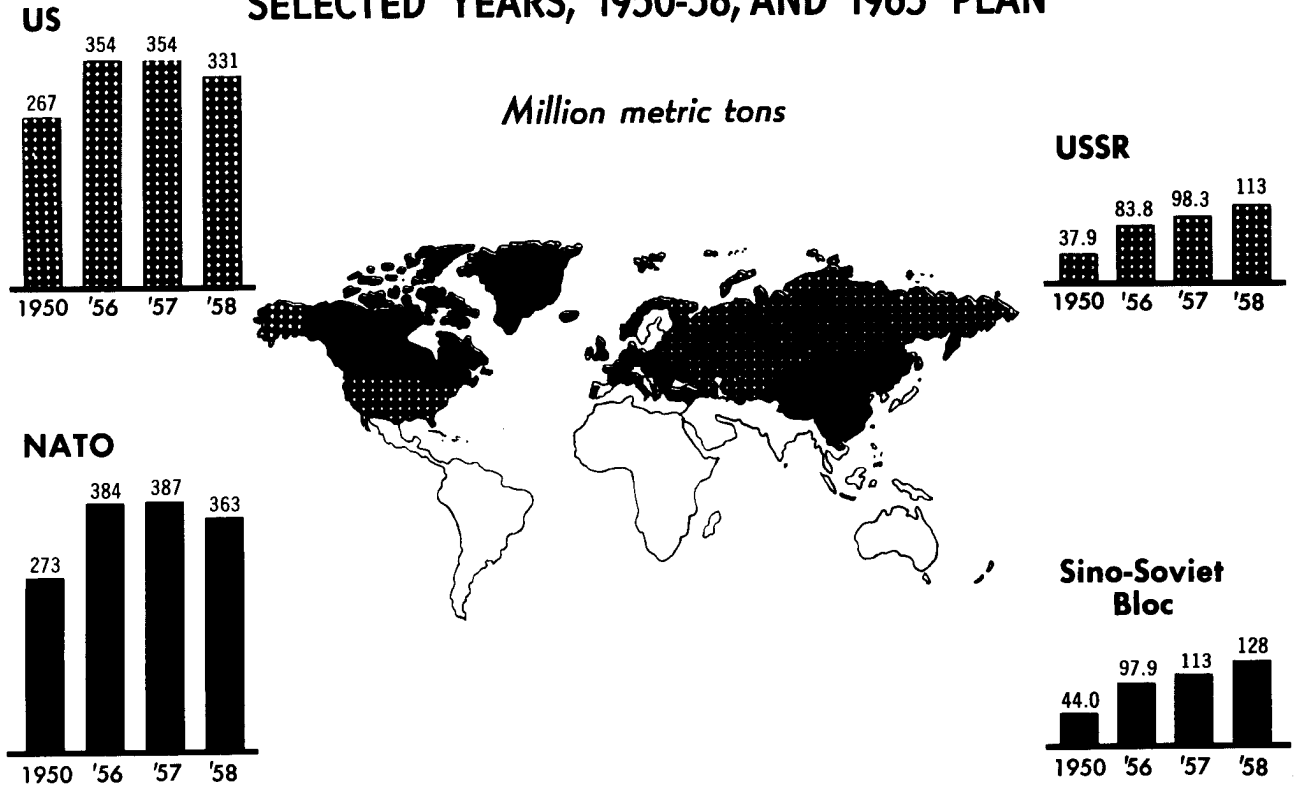
$$\begin{aligned}
 0005 X &= 252 \\
 X &= 315,000 \\
 1,008 X &= 265 \\
 X &= 331,250
 \end{aligned}$$

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Figure 4

**COMPARISON OF PRODUCTION OF CRUDE PETROLEUM
IN SELECTED AREAS
SELECTED YEARS, 1950-58, AND 1965 PLAN**



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Table 22

Production of Petroleum Products ^a
1938, 1950, and 1955-58

Thousand Metric Tons

Country	1938	1950	1955	1956	1957	1958
NATO ^b	162,000	322,000	470,000	505,000	505,000	N.A.
US ^c	145,000	272,300	355,300	378,100	377,800	N.A.
Sino-Soviet Bloc ^d	30,500	41,100	79,400	91,300	104,000	117,000
USSR ^e	24,300 ^f	33,400	62,900	74,200	85,600	97,500
Communist China	111	170	1,153	1,339	1,571	2,158
European Satellites	6,060	7,520	15,300	15,800	16,800	17,600
Albania	0	<i>Negl.</i>	65	90	225	250
Bulgaria	30	5	29	59	73	85
Czechoslovakia	N.A.	560	1,032 [*]	1,169 [*]	1,369 [*]	1,400 [*]
East Germany	N.A.	1,300	2,100	2,305	2,650	2,700
Hungary	240	560	1,570	1,360	1,480	1,720
Poland	N.A.	320	675	710	745	755
Rumania	5,785	4,775	9,830	10,070	10,220	10,700

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	5,113	5,071	Greece	8	14	Portugal	890	955
Canada	28,200	29,200	Italy	17,708	18,998	Turkey	275	269
Denmark	28	33	Netherlands	13,434	13,970	UK	26,155	25,271
France	24,680	22,814	Norway	85	103	West Germany	10,307	10,755

Other Countries

Country	1956	1957	Country	1956	1957
Austria	2,073	2,112	Sweden	1,933	2,127

^a Data presented in this table are not intended to be totals of data in Tables 23 through 27 (pp. 22-26, respectively, below), because this table includes some minor miscellaneous products which are not in any of the following tables.

^b Excluding for all years, Iceland and Luxembourg; for 1938, Denmark, Greece, Norway, Portugal, and Turkey; and for 1950, Greece. Data refer to total production less consumption at the refineries except data for 1938 for France, which include the internal consumption of refineries. Synthetic products and substitute fuels are excluded.

^c Including products obtained from natural gasoline treated in refineries.

^d Data for North Korea are not available. There has been no production in North Vietnam. Data for the Sino-Soviet Bloc include petroleum products from indigenous and imported natural crude oil and from synthetic sources.

^e Excluding relatively small yields of synthetic stocks.

^f 1937.

^{*} Including alcohol and benzol blended with motor gasoline.

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Table 23
Production of Gasoline ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	71,000	130,000	186,000	195,000	198,000	N.A.
US	64,976	116,637	155,602	163,229	165,641	167,325 ^c
Sino-Soviet Bloc ^d	4,630	9,730	20,000	24,100	N.A.	N.A.
USSR ^e	3,000 ^f	7,200	15,700	19,600	N.A.	N.A.
Communist China	15	46	254	326	385	500
European Satellites	1,610	2,480	4,020	4,150	4,380	4,540
Albania	0	Negl.	5	7	21	30
Bulgaria	6	0	0	0	Negl.	Negl.
Czechoslovakia	N.A.	190	346 ^g	361 ^g	375 ^g	380 ^g
East Germany	N.A.	480	670	685	750	760
Hungary	77	210	230	190	240	270
Poland	N.A.	100	130	160	190	195
Rumania	1,530	1,500	2,640	2,750	2,800	2,900

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	1,156	1,132	Italy	3,098	3,071	Turkey	52	63
Canada	9,603	10,200	Netherlands	2,364	2,734	UK	6,880	6,003
Denmark	1	1	Norway	7	8	West Germany	2,961	3,149
France	5,517	5,437	Portugal	234	227			

Other Countries

Country	1956	1957 ^e	Country	1956	1957 ^e	Country	1956	1957 ^e
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 ^h	4,027	3,801			

^a Including motor and aviation gasoline but excluding jet fuel.

^b Excluding for all years, Greece, Iceland, and Luxembourg; for 1938, Norway, Portugal, and Turkey; and for 1938, 1950, and 1955, Denmark. Data for France for 1938 include the internal consumption of refineries.

^c Preliminary estimate.

^d There has been no production in North Korea and North Vietnam. Data for the Sino-Soviet Bloc include production of gasoline from indigenous and imported natural crude oil and from synthetic sources.

^e Excluding relatively small yields of synthetic stocks.

^f 1937.

^g Including alcohol and benzol blended with gasoline.

^h Exports.

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Table 24
Production of Kerosine and Jet Fuel
1938, 1950, and 1955-58

Thousand Metric Tons						
Country	1938	1950	1955	1956	1957	1958
NATO ^a	9,210	17,200	21,100	22,700	20,500	N.A.
US	8,317	15,262	15,085	15,902	14,028	14,290 ^b
Sino-Soviet Bloc ^c	8,620	8,230	13,100	13,900	N.A.	N.A.
USSR ^d	7,400 ^e	7,300	11,300	12,000	N.A.	N.A.
Communist China	5	12	115	140	179	269
European Satellites	1,220	915	1,650	1,710	1,760	1,860
Albania	0	<i>Negl.</i>	2	4	13	15
Bulgaria	8	0	0	<i>Negl.</i>	<i>Negl.</i>	<i>Negl.</i>
Czechoslovakia	N.A.	50	85	97	110	120
East Germany	N.A.	10	110	130	145	160
Hungary	71	80	60	60	50	50
Poland	N.A.	40	30	20	5	10
Rumania	1,140	735	1,360	1,400	1,440	1,500

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium ^f	181	170	Italy	1,135	1,018	UK	883	853
Canada	2,463	2,350 ^g	Netherlands	741	900	West Germany	212	102
France	972	839	Portugal	193	209			

Other Countries								
Country	1956	1957 ^h	Country	1956	1957 ^h	Country	1956	1957 ^h
Bahrein	1,129	949	Mexico	982	1,034	Saudi Arabia	775	902
Indonesia	1,658	1,675	Netherlands An-			Venezuela	1,109	1,139
Japan	738	987	tilles ^h	3,065	3,185	Yugoslavia	29	36

^a Excluding for all years, Denmark, Greece, Iceland, Luxembourg, Norway, and Turkey, and for 1938, the Netherlands and Portugal. Data refer to kerosine and jet fuel except where noted for individual countries.

^b Preliminary estimate.

^c There has been no production in North Korea and North Vietnam. Data for the Sino-Soviet Bloc include production of kerosine from indigenous and imported natural crude oil and from synthetic sources.

^d Excluding relatively small yields of synthetic stocks but including ligroine.

^e 1937.

^f Excluding gasoline types of jet fuel.

^g Estimate.

^h Exports only.

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FUELS AND POWER

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Table 25
Production of Diesel Fuel
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	7,150	28,200	58,300	61,800	62,700	N.A.
US ^b	2,842	14,034	22,680	24,234	24,583	N.A.
Sino-Soviet Bloc ^c	N.A.	5,080	14,200	17,700	N.A.	29,200
USSR ^d	1,600 ^e	3,600	10,900	14,200	N.A.	24,700
Communist China	5	7	54	63	77	116
European Satellites	N.A.	1,470	3,270	3,450	4,030	4,360
Albania	0	<i>Negl.</i>	7	9	38	45
Bulgaria	4	0	5	12	14	20
Czechoslovakia	N.A.	150	401	491	654	700
East Germany	N.A.	410	750	830	930	980
Hungary	79	120	350	330	460	520
Poland	N.A.	60	130	140	170	195
Rumania	860	730	1,630	1,640	1,760	1,900

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	1,404	1,248	Netherlands	2,690	3,182	Turkey	18	16
Canada ^f	15,274	15,600	Norway	20	26	UK	5,272	5,148
France	5,554	5,218	Portugal	153	143	West Germany	3,229	3,204
Italy	3,944	4,359						

Other Countries

Country	1956	1957	Country	1956	1957
Austria	531	548	Sweden	418	442

^a Excluding for all years, Denmark, Greece, Iceland, and Luxembourg, and for 1938, Norway and Turkey. Data refer to production of gas-diesel oil, except in the US and Canada (see footnotes for individual countries).

^b Sales of diesel fuel oil on the basis of all categories of use.

^c There has been no production in North Korea and North Vietnam. Data for the Sino-Soviet Bloc include production of diesel fuel from indigenous and imported natural crude oil and from synthetic sources.

^d Total of light and heavy types, excluding relatively small yields of synthetic stocks.

^e 1937.

^f Including gas-diesel oil and fuel oil.

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FUELS AND POWER

Table 26
Production of Lubricating Oils
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	5,320	9,060	10,200	10,900	10,300	N.A.
US	4,411	7,403	7,990	8,473	7,973	7,223 ^b
Sino-Soviet Bloc ^c	N.A.	2,070	3,380	4,140	5,000	5,430
USSR	1,700 ^d	1,700	2,700	3,400	4,200	4,600
Communist China	Negl.	5	39	46	57	69
European Satellites	N.A.	365	639	697	739	760
Albania	0	Negl.	1	2	6	10
Bulgaria	0	5	8	15	18	20
Czechoslovakia	N.A.	70	100	120	130	100
East Germany	N.A.	100	150	170	175	200
Hungary	14	30	80	80	80	80
Poland	N.A.	30	140	150	150	150
Rumania	65	130	160	160	180	200

NATO Countries

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

Other Countries

Country	1956	1957 ^b	Country	1956	1957 ^b	Country	1956	1957 ^b
Japan	403	454	Venezuela	169	160	Yugoslavia	32	42
Netherlands Antilles ^f	700	612						

^a Excluding for all years, Denmark, Iceland, Luxembourg, Portugal, and Turkey; for 1938, the Netherlands; and for 1938 and 1950, Greece and Norway. Data refer to lubricating oils made at refineries and in the lubricating oil industry. Solid lubricants are excluded.

^b Preliminary estimate.

^c There has been no production in North Korea and North Vietnam. Data for the Sino-Soviet Bloc include production of lubricating oils from indigenous and imported natural crude oil and from synthetic sources.

^d 1937.

^e Estimate.

^f Exports only.

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FUELS AND POWER

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Table 27
Production of Residual and Other Petroleum Products
1938, 1950, and 1955-58

Thousand Metric Tons						
Country	1938	1950	1955	1956	1957	1958
NATO ^a	49,200	83,300	106,000	113,000	111,000	N.A.
US	44,540	64,224	63,486	65,626	63,928	55,884
Sino-Soviet Bloc ^b	12,900	16,000	28,700	31,500	N.A.	N.A.
USSR ^c	10,600 ^d	13,600	22,300	25,000	N.A.	N.A. ^e
Communist China	80	100	691	764	873	1,204
European Satellites	2,200	2,290	5,720	5,750	5,860	6,100
Albania	0	20 ^f	50	68	147	150
Bulgaria	8	0	16	32	41	45
Czechoslovakia	N.A.	100	100	100	100	100
East Germany	N.A.	320	420	490	650	600
Hungary	3	120	850	700	650	800
Poland	N.A.	50	245	240	230	205
Rumania	2,190	1,680	4,040	4,120	4,040	4,200

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	1,968	2,076	Italy	8,508	9,499	Turkey	166	152
Canada	7,404	7,015 ^g	Netherlands	6,663	6,268	UK	10,561	10,634
Denmark	9	9	Norway	3	8	West Germany	1,938	2,272
France	10,057	8,632	Portugal	282	340			

Other Countries					
Country	1956	1957 ^g	Country	1956	1957 ^g
Netherlands			Venezuela	19,061	20,805
Antilles ^h	25,153	22,835			

^a Excluding for all years, Greece, Iceland, and Luxembourg; for 1938, Denmark and Portugal; and for 1938 and 1950, Norway and Turkey. Data refer to residual fuel oils only.

^b There has been no production in North Korea and North Vietnam. Data for the Sino-Soviet Bloc include production from indigenous and imported natural crude oil and from synthetic sources.

^c Excluding relatively small yields of synthetic stocks.

^d 1937.

^e Yield of furnace mazut in 1958 was 30 million metric tons. Balance of production of residual petroleum products is not available.

^f 1949.

^g Preliminary estimate.

^h Exports only.

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MINERALS AND METALS

Table 28

Production of Iron Ore
1938, 1950, and 1955-58

Million Metric Tons

Country	1938	1950	1955	1956	1957	1958
NATO ^a	93.6	160	208	213	228	180
US	28.90	99.60	104.65 ^b	99.42 ^b	107.86 ^b	69.07 ^b
Sino-Soviet Bloc ^c	30.3	46.0	86.3	98.8	107	118
USSR	26.60	39.70	71.90	78.10	84.20	88.80
Communist China ^d	N.A.	2.35	7.61	12.89	14.90	20.00 ^e
North Korea	N.A.	0.74	0.14	0.68	1.06	1.55
North Vietnam	0.13	0	0	N.A.	N.A.	0.12
European Satellites	3.56	3.16	6.61	7.15	7.04	7.44
Bulgaria	0.02	0.05	0.11	0.24	0.27	0.30
Czechoslovakia	1.65	1.16	1.99	2.14	2.38	2.35
East Germany	0.60	0.40	1.66	1.76	1.48	1.52
Hungary	0.28	0.37	0.35	0.35	0.28	0.37
Poland	0.87 ^f	0.79	1.86	1.97	1.99	2.17
Rumania	0.14	0.39	0.64	0.69	0.64	0.73

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	0.14	0.12	Luxembourg	7.85	6.64	Turkey ¹	0.51	N.A.
Canada ²	20.23	14.11	Norway ³	1.55	1.77	UK	17.17	14.87
France	57.77	59.46	Portugal	0.29	0.22	West Germany	13.14	12.64
Italy	1.59	1.29						

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Algeria	2.80	2.30	Japan ⁴	2.24	2.00	Venezuela	15.38	N.A.
Austria	3.49	3.41	Spain	5.23	N.A.	Yugoslavia	1.87	1.99
India	5.16	5.80	Sweden	19.92	18.60			

^a Excluding for all years, Denmark, Iceland, and the Netherlands; for 1955-58, Greece; for 1938 and 1950, Portugal; and for 1958, Turkey. Data refer to the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites. 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, the US, and Yugoslavia, 50 percent; Algeria, Canada, and Japan, 55 percent; Sweden, 60 percent; and India, Norway, Turkey, and Venezuela, 65 percent.

^b Excluding manganiferous ores containing 5 percent or more of manganese.

^c There has been no production in Albania. Metal content of ore in the countries of the Sino-Soviet Bloc is as follows: USSR, commercial grade; East Germany, 26 to 28 percent; Hungary, 30 percent; Czechoslovakia, 34 percent; Poland, 35 percent; Rumania, 45 percent; and Bulgaria, Communist China (see footnote d, below), and North Korea, 50 percent.

^d Iron content of crude ore production varies from 33 to 58 percent. Data given here, however, are in terms of 50 to 55 percent.

^e Excluding very low grade ore mined for producing crude iron in native furnaces.

^f 1937.

¹ Shipments.

² Including ferrotitanium.

³ State-owned mines only.

⁴ Including iron sand.

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MINERALS AND METALS

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Table 29
Production of Manganese Ore ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	84.3	172	396	448	463	N.A.
US ^c	26	122	261	313	332	N.A.
Sino-Soviet Bloc ^d	2,480	3,810	5,750	5,930	6,030	6,080
USSR	2,275	3,375	4,745	4,938	4,956	5,000
Communist China	23	88	196	400	469	534
North Vietnam	N.A.	0	0	N.A.	N.A.	N.A.
European Satellites	183	347	808	591	608	545
Bulgaria	2	8	63	77	81	85
Czechoslovakia	105	168	260	201	164	160
Hungary	16	79	95	78	98	100
Rumania	60	93	390	235	265	200

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Greece	26	25	Portugal	3	5	Turkey	60	53
Italy	46	47						

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgian Congo	330	367	Ghana ^e	646	648	Mexico	155	200
Brazil	311	798	India	1,655	1,593	Union of		
Cuba ^e	234	134	Japan	285	280	South Africa	697	715
Southern Morocco	421	492						

^a Metal content of ore of the various countries is as follows: the US, more than 35 percent; the USSR, 45 percent; Communist China, more than 35 percent; Bulgaria and Rumania, 30 percent; Czechoslovakia, less than 30 percent; Hungary, less than 27 percent; and other Free World countries, 30 to 50 percent.

^b Including Greece, Italy, Portugal, Turkey, and the US.

^c Shipments.

^d There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^e Exports.

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MINERALS AND METALS

Table 30
Production of Pig Iron
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^a	56,100	61,300	98,900	130,000	132,000	138,000	113,000
US	19,475	42,024	60,211	71,906	70,461	73,409	52,416 ^b
Sino-Soviet Bloc ^c	18,300	N.A.	25,000	46,300	50,500	53,500	60,700
USSR	14,700	9,900	19,200	33,300	35,800	37,000	39,600
Communist China	970	1	960	3,795	4,777	5,900	9,500 ^d
North Korea	N.A.	3	190	112	187	270	320
European Satellites	2,580	N.A.	4,600	9,050	9,700	10,400	11,300
Bulgaria	0	0	0	0	0	56	84
Czechoslovakia	1,323	N.A.	1,951	2,982	3,282	3,563	3,774
East Germany	74	N.A.	337	1,517	1,574	1,663	1,775
Hungary	335	N.A.	461	868	755	714	1,082
Poland	720 ^e	887 ^f	1,533	3,112	3,506	3,682	3,864
Rumania	133	65	320	570	583	686	745

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	5,588	5,520	Italy	2,205	2,165	Saar	3,168	3,096
Canada	3,582	2,880	Luxembourg	3,368	3,288	Turkey	218	N.A.
Denmark	59	44	Netherlands	701	913	UK ^g	14,512	13,188
France	12,077	12,144	Norway	557	508	West Germany	18,470	16,752

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Australia	2,132	2,280	Japan	7,134	7,728	Union of South Africa	1,419	1,583
Austria	1,962	1,820	Spain	999	N.A.	Yugoslavia	737	780
India	1,942	2,148	Sweden	1,545	1,298 ^h			

^a Excluding for all years, Greece, Iceland, and Portugal, and for 1938, Denmark. Total for 1938 includes production for 1939 for Turkey. Total for 1958 excludes Turkey. Unless otherwise indicated, data refer to total production of pig iron and ferroalloys.

^b Excluding production of pig iron and ferroalloys in electric furnaces.

^c There has been no production in North Vietnam and Albania.

^d Excluding native furnace production.

^e 1937.

^f 1947.

^g Excluding production of ferroalloys in electric furnaces.

^h Excluding production of ferroalloys.

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MINERALS AND METALS

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Table 31
Production of Crude Steel ^a
1938, 1946, 1950, and 1955-58

Country	Million Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	73.5	87.8	140	184	188	189	160
US	28.80	60.42	87.85	106.17	104.52	102.25	77.24
Sino-Soviet Bloc ^c	24.6	18.9	36.6	62.6	68.6	72.8	81.1
USSR	18.10	13.30	27.30	45.30	48.60	51.00	54.90
Communist China	0.48	0.01	0.60	2.85	4.46	5.35	8.50 ^d
North Korea	N.A.	Negl.	0.14	0.14	0.19	0.28	0.36
European Satellites	5.99	5.60	8.55	14.3	15.4	16.2	17.4
Bulgaria	0.02	0.03 ^e	0.03	0.12	0.18	0.21	0.26
Czechoslovakia	1.87	2.62 ^e	3.12	4.47	4.88	5.17	5.51
East Germany	1.70	0.42 ^e	1.27	2.84	3.11	3.30	3.40
Hungary	0.65	0.60 ^f	1.05	1.63	1.42	1.38	1.63
Poland	1.47 ^g	1.58 ^f	2.52	4.43	5.01	5.30	5.63
Rumania	0.28	0.35 ^e	0.56	0.77	0.78	0.86	0.95

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	6.28	6.01	Italy	6.79	6.26	Saar	3.47	3.49
Canada	4.57	3.94	Luxembourg	3.49	3.38	Turkey	0.18	N.A.
Denmark	0.26	0.26	Netherlands	1.19	1.44	UK	22.05	19.88
France	14.10	14.60	Norway	0.34	0.37	West Germany	24.51	22.79

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Australia ^h	2.82	2.62	Japan	12.57	12.12	Union of		
Austria	2.51	2.38	Spain ^h	1.34	N.A.	South Africa ⁱ	1.74	1.84
India	1.74	N.A.	Sweden	2.51	2.40	Yugoslavia	1.05	1.12
World total	278.20	286.30						

^a Unless otherwise indicated, data refer to total production of ingots and steel for castings.

^b Excluding Greece, Iceland, and Portugal. Total for 1938 includes production for 1940 for Turkey. Total for 1958 excludes Turkey. Total for 1946 includes finished castings for West Germany.

^c There has been no production in North Vietnam and Albania.

^d Excluding native furnace production.

^e 1948.

^f 1947.

^g 1937.

^h Excluding castings.

ⁱ Including finished castings.

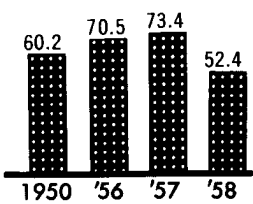
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Figure 5

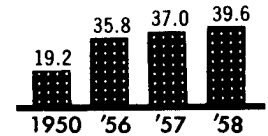
**COMPARISON OF PRODUCTION OF PIG IRON IN SELECTED AREAS
SELECTED YEARS, 1950-58, AND 1965 PLAN**

US

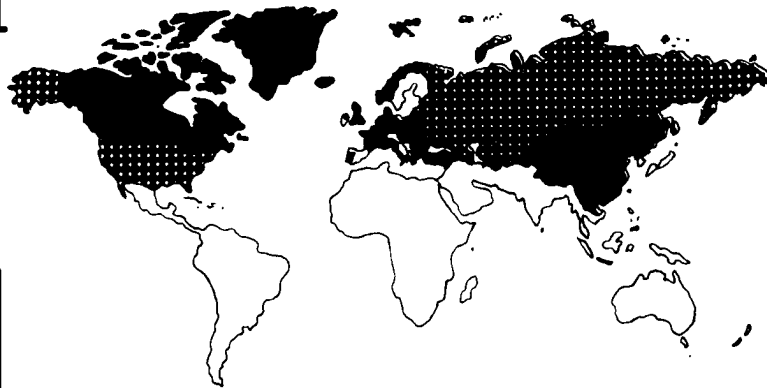
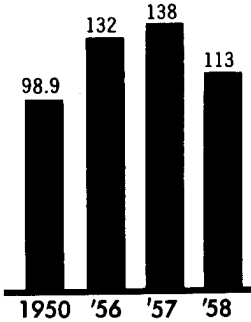


Million metric tons

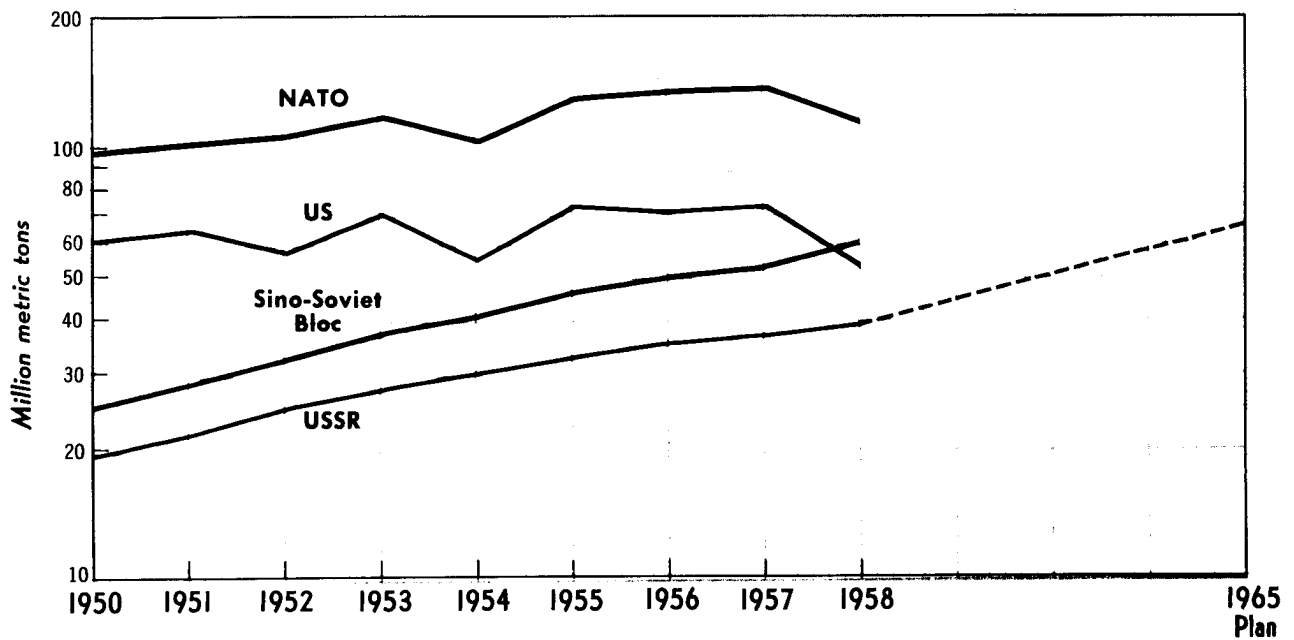
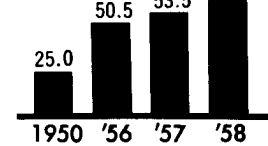
USSR



NATO



Sino-Soviet Bloc



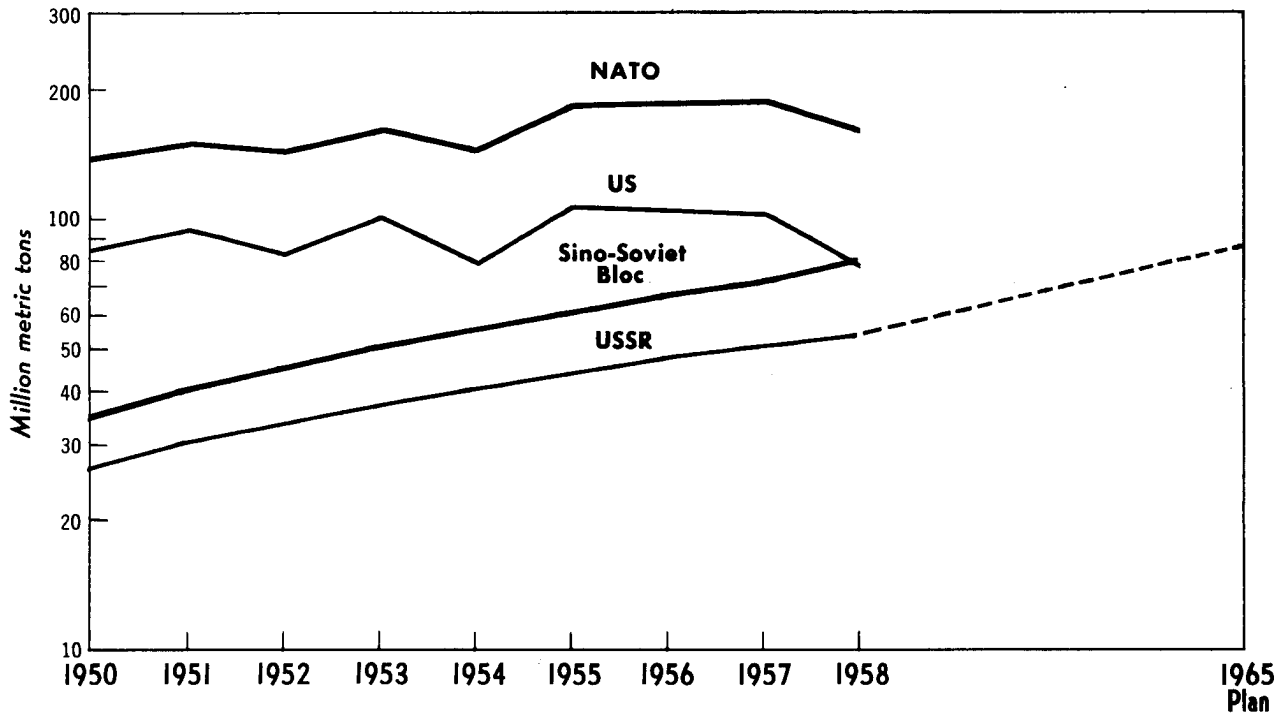
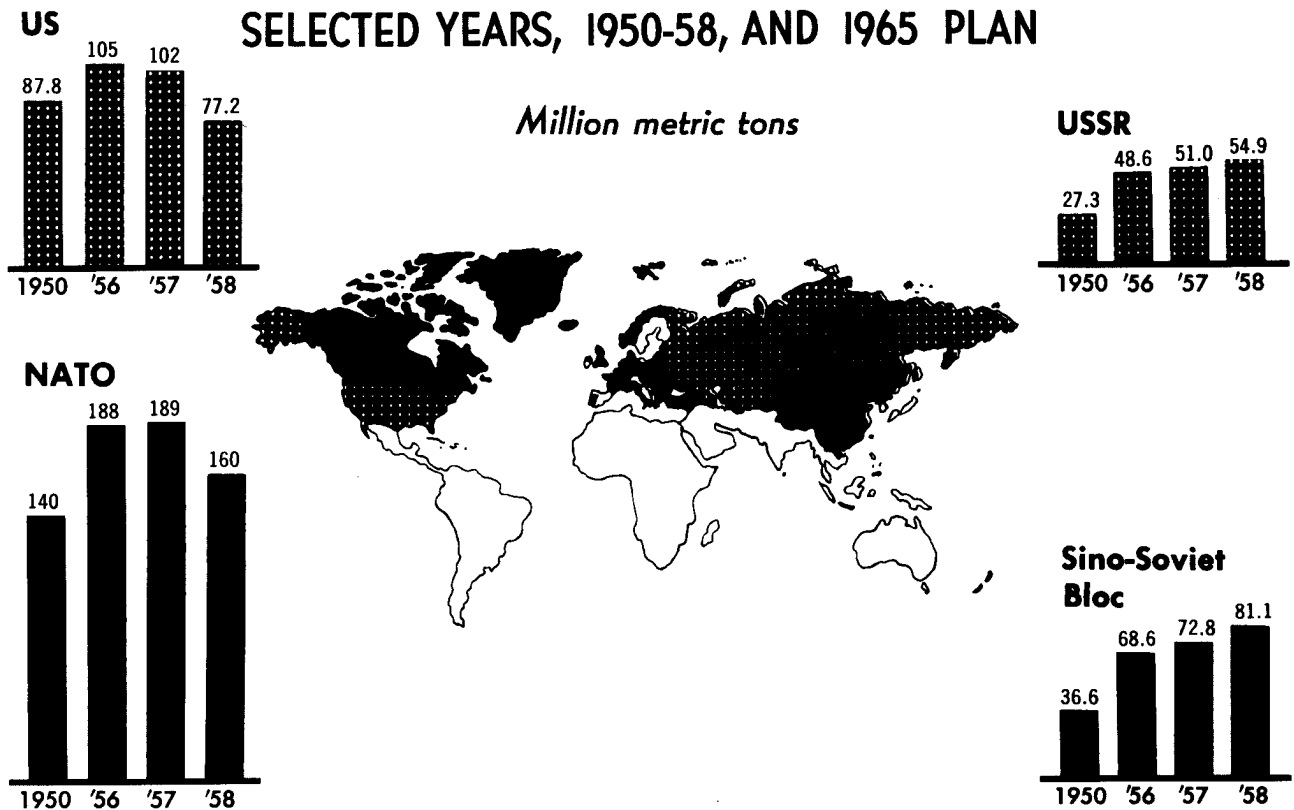
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Figure 6

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

SELECTED YEARS, 1950-58, AND 1965 PLAN



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MINERALS AND METALS

Table 32
Production of Chrome ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	123	212	376	497	546	N.A.
US ^c	0.4	0.2	53.7	77.6	58.5	N.A.
Sino-Soviet Bloc ^d	86.4	368	406	374	416	461
USSR	85.0	338.1	304.0	310.0	337.0	367.5
North Vietnam	0	0	0	1.2	0.8	2.8
European Satellites	1.4	30.0	102	62.8	78.6	90.6
Albania	0.9 ^e	23.4	54.9	59.8	75.6	90.6
Bulgaria	0.5	3.0	3.0	3.0	3.0	N.A.
Rumania	N.A.	3.6	44.1	N.A.	N.A.	N.A.

NATO Countries					
Country	1956	1957	Country	1956	1957
Greece	19.4	17.8	Turkey	400.0	470.0

Other Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
India	24.2	36.1	Philippines	326.3	326.5	Union of South Africa	277.9	295.5
Japan	13.9	15.8	Southern					
New Caledonia	24.0	32.0	Rhodesia	195.5	314.0			
Pakistan	11.3	8.1						

^a Data refer to the estimated chromic oxide (Cr₂O₃) content of ores mined. The following percentages were used to reduce to their Cr₂O₃ content estimates of ores mined in the Sino-Soviet Bloc: USSR, a portion at 35 percent and the rest at 40 percent; North Vietnam, at 50 percent; Albania and Rumania, at 45 percent; and Bulgaria, at 30 percent.

^b Including Greece, Turkey, and the US.

^c Shipments from mines.

^d There has been no production in Czechoslovakia, East Germany, Hungary, and Poland. Data for Communist China and North Korea are not available.

^e 1939.

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MINERALS AND METALS

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Table 33
Production of Tungsten ^a
1938, 1950, and 1955-58

Country	Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	3,660	4,400	13,200	13,100	8,660	N.A.
US	1,657	2,267	9,055	8,442	4,593	N.A.
Sino-Soviet Bloc ^c	9,460	10,800	18,600	21,300	26,800	27,400
USSR	300	2,700	4,500	5,040	5,520	6,000
Communist China	9,165	7,540	13,000	15,080	19,500	19,500
North Korea	N.A.	576	990	990	1,650	1,800
East Germany	0	0	100	150	140	98

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada	1,030	871	Italy	16	11	UK	37	30
France	650	562	Portugal	2,963	2,589			

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Australia	1,607	1,418	Brazil ^e	783	N.A.	Spain	835	718
Belgian Congo ^d	1,610	1,423	Burma	621	385	Thailand	767	587
Bolivia ^e	2,860	2,618	South Korea	2,432	2,486			

^a Unless otherwise indicated, data refer to estimated tonnage of tungsten trioxide (WO₃).

^b Including for all years, France, Italy, Portugal, the UK, and the US; except for 1938, Canada; and for 1938 only, Norway.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed. Data for North Vietnam are not available.

^d Including Ruandi-Urundi.

^e Exports.

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MINERALS AND METALS

Table 34
Production of Nickel
1938, 1950, and 1955-58

Country	Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	98,300	113,000	162,000	168,000	181,000	N.A.
US	380 ^b	830 ^b	3,454	6,098	9,135	N.A.
Sino-Soviet Bloc ^c	3,510	33,800	46,100	49,200	54,200	59,600
USSR	3,000	33,400	46,000	49,000	54,000	59,400
European Satellites	513	448	130	200	168	164
East Germany ^d	N.A.	92	130	200	168	164
Poland	513	356	0	0	0	0

NATO Countries

Country	1956	1957
Canada ^e	161,945	171,423

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Cuba ^f	14,571	20,180	New Caledonia ^g	22,680	29,937	Union of South Africa ^h	3,288	4,139

^a Including for all years, Canada and the US, and for 1938, Greece and Norway.

^b Data refer chiefly to byproduct from electrolytic refining of copper.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed. Data for Communist China and North Korea are not available.

^d Production in 1950 from imported ores; in 1955, from ore stocks and scrap.

^e Production in all forms from Canadian ores.

^f Nickel content and small fraction of cobalt in oxide.

^g Nickel in matte and ferronickel produced plus estimated recoverable nickel in ore exported.

^h Nickel content of matte and refined nickel.

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Table 35
Production of Molybdenum ^a
1950 and 1955-58

Country	Metric Tons				
	1950	1955	1956	1957	1958
NATO ^b	13,000	28,600	26,600	28,100	N.A.
US	12,918	28,023	26,064	27,557	N.A.
Sino-Soviet Bloc ^c	3,220	5,750	6,920	7,550	11,700
USSR	3,045	4,400	5,300	5,800	6,700
Communist China	125	1,250	1,500	1,600	4,850
North Korea	50	100	125	150	160

NATO Countries

Country	1956	1957	Country	1956	1957
Canada	382	397	Norway	166	180

Other Countries

Country	1956	1957	Country	1956	1957
Chile	1,416	1,360	Japan	398	453

^a Molybdenum content of molybdenum ores mined.

^b Including Canada, Norway, and the U.S.

^c There has been little or no production in countries of the Sino-Soviet Bloc that are not listed. Bulgaria began production of molybdenum concentrates in 1956, but quantities are unknown.

Table 36

Production of Cobalt ^a
1950 and 1955-58

Country	Metric Tons				
	1950	1955	1956	1957	1958
NATO ^b	632	2,690	3,230	3,570	N.A.
US	367	1,183	1,631	1,877	N.A.
USSR	900 ^c	1,220	1,300	1,430	1,570

NATO Countries

Country	1956	1957
Canada ^d	1,595	1,695

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgian Congo ^e	9,089	8,115	French Morocco	644	450	Northern Rhodesia ^e	1,093	1,436

^a Metal content of ore. There has been little or no production in countries of the Sino-Soviet Bloc that are not listed. Data for Communist China and North Korea are not available. Bulgaria began production of cobalt concentrates in 1956, but quantities are unknown.

^b Including Canada and the US.

^c 1951.

^d Metal, salts, and oxides recovered from smelter production plus cobalt contained in cobalt ore and residues exported.

^e Cobalt content of cobalt alloys.

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MINERALS AND METALS

Table 37
Production of Primary Aluminum ^a
1938, 1946, 1950, and 1955-58

W.C.
V.H.T.

Thousand Metric Tons							
Country	1938	1946	1950	1955	1956	1957	1958
NATO ^b	367	655	1,210	2,400	2,570	2,510	N.A.
US	130.1	371.6	651.9	1,420.4	1,522.8	1,495.2	1,420.8
Sino-Soviet Bloc ^c	124	99.1	173	553	597	628	675
USSR	43.8	97.1	155.3	434.8	469.6	490.3	511.5
Communist China	<i>Negl.</i>	0	0	10.0	15.0	40.0 ^d	40.0
European Satellites	80.0	2.0	17.5	109	112	98.1	123
Czechoslovakia	0	0	0	24.4	21.2	16.7	26.4
East Germany	78.7	0	0.8	26.8	34.3	35.0	35.0
Hungary	1.3	2.0	16.7	37.0	34.8	26.0	39.5
Poland	0	0	0	20.4	21.8	20.4	22.4

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada	505.2	N.A.	Italy	66.6	64.1	UK	29.9	26.9
France	160.2	169.0	Norway	95.6	121.6	West Germany	153.8	136.8

Other Countries		
Country	1957	1958
Japan	70.0	85.2

^a Unless otherwise indicated, data refer to production of primary (virgin) aluminum from both domestic and imported ores.

^b Including for all years, Canada, France, Italy, Norway, the UK, the US, and except for 1946, West Germany.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.

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MINERALS AND METALS

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Table 38
Production of Refined Copper ^a
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	1,460	1,400	2,090	2,410	2,550	2,500	2,420
US	802.8	907.9	1,312.3	1,436.1	1,545.7	1,534.4	1,438.0
Sino-Soviet Bloc ^c	133	157	297	456	471	483	532
USSR	103.2	142.8	246.6	377.3	386.7	396.4	406.3
Communist China	0.5	1.0	5.3	15.0	14.0	14.0	50.0
North Korea ^d	N.A.	1.1	3.9	2.7	3.4	4.0	9.0
European Satellites	29.5	12.2	41.0	60.9	66.5	68.5	67.1
Albania ^e	0	0.2 ^f	0.9	0.9	0.6	0.9	1.0
Bulgaria ^e	N.A.	N.A.	0.1	3.8	4.6	5.1	5.7
Czechoslovakia	N.A.	N.A.	1.0	4.7	5.2	5.8	6.1
East Germany	29.5	12.0	27.8	33.3	32.8	32.8	32.9
Poland	0	0	10.5	15.7	20.3	19.9	17.4
Rumania	0	N.A.	0.7	2.5	3.0	4.0	4.0

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	152.6	153.7	Italy	15.2	15.2	Turkey ^g	10.9	13.0
Canada	293.5	298.7	Netherlands	0.2	0.4	UK	207.4	199.0
Denmark	0.5	0.6	Norway	12.2	13.7	West Germany	253.3	268.0
France	19.2	23.8						

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgian Congo ^h	131.3	130.2	Japan	142.2	124.1	Northern Rhodesia ^h	250.8	245.4
Chile ^h	221.2	190.3						

^a Refined copper produced from domestic and foreign ores and scrap except where noted.

^b Including for all years, Belgium, Canada, France, Italy, Norway, the US, West Germany, and, except for 1938, the UK; for 1955-58, Denmark and Turkey; and for 1956-58, the Netherlands.

^c There has been no production in North Vietnam. Data for Hungary are negligible.

^d Metal content of ore mined.

^e Blister.

^f 1947.

^g Smelter production of copper was considerably larger than production of refined copper in these countries, as shown by the following figures on smelter production:

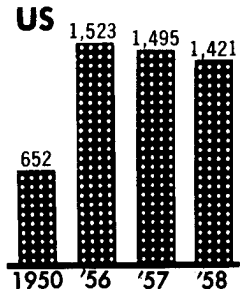
	1957	1958
Belgian Congo	241.0	236.2
Chile	450.1	442.3
Northern Rhodesia	427.2	386.8
Turkey	23.6	24.4

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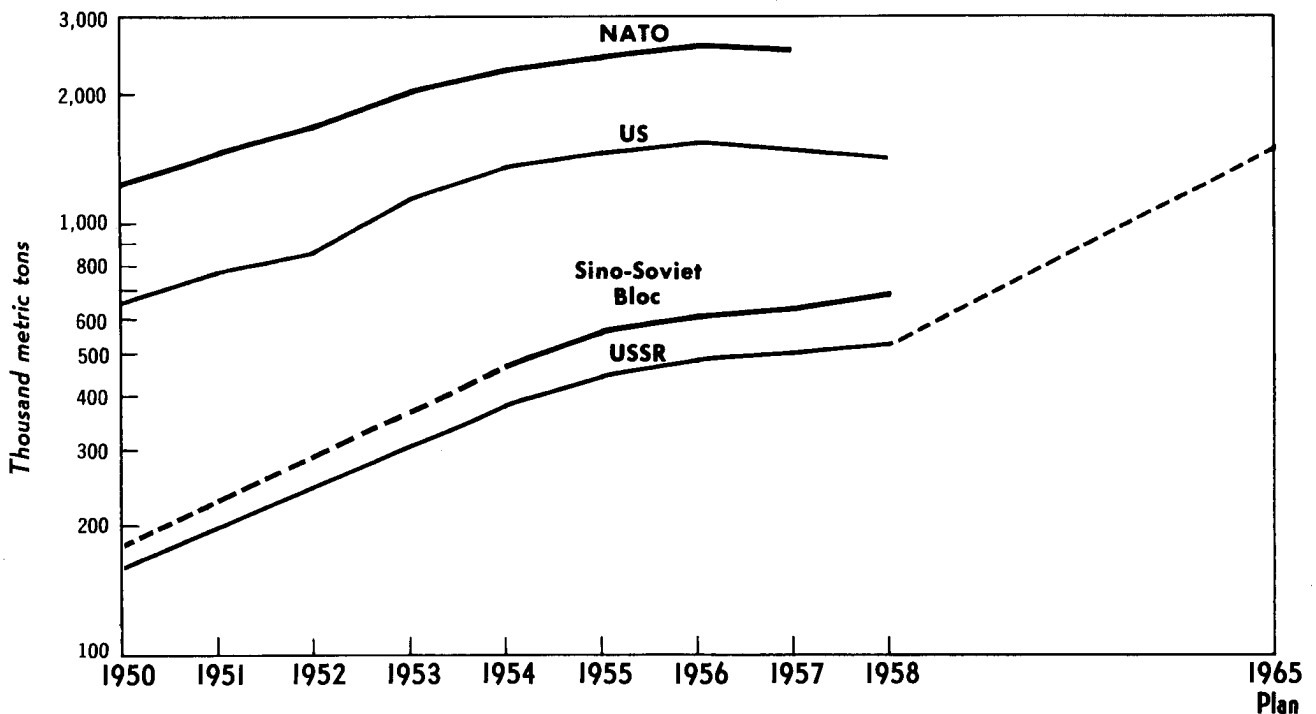
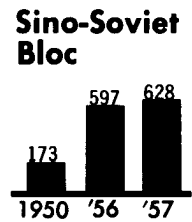
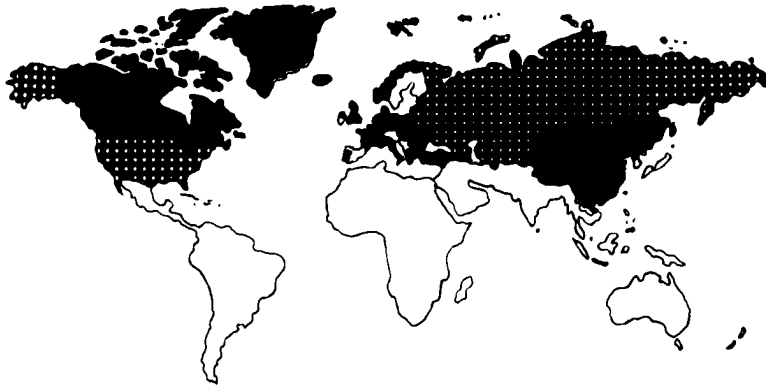
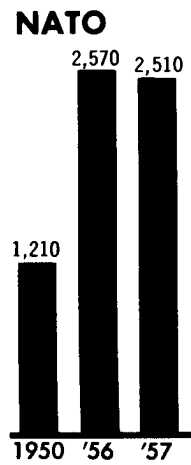
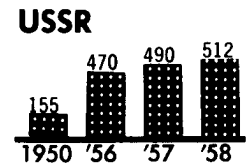
Figure 7

COMPARISON OF PRODUCTION OF PRIMARY ALUMINUM IN SELECTED AREAS

SELECTED YEARS, 1950-58, AND 1965 PLAN



Thousand metric tons



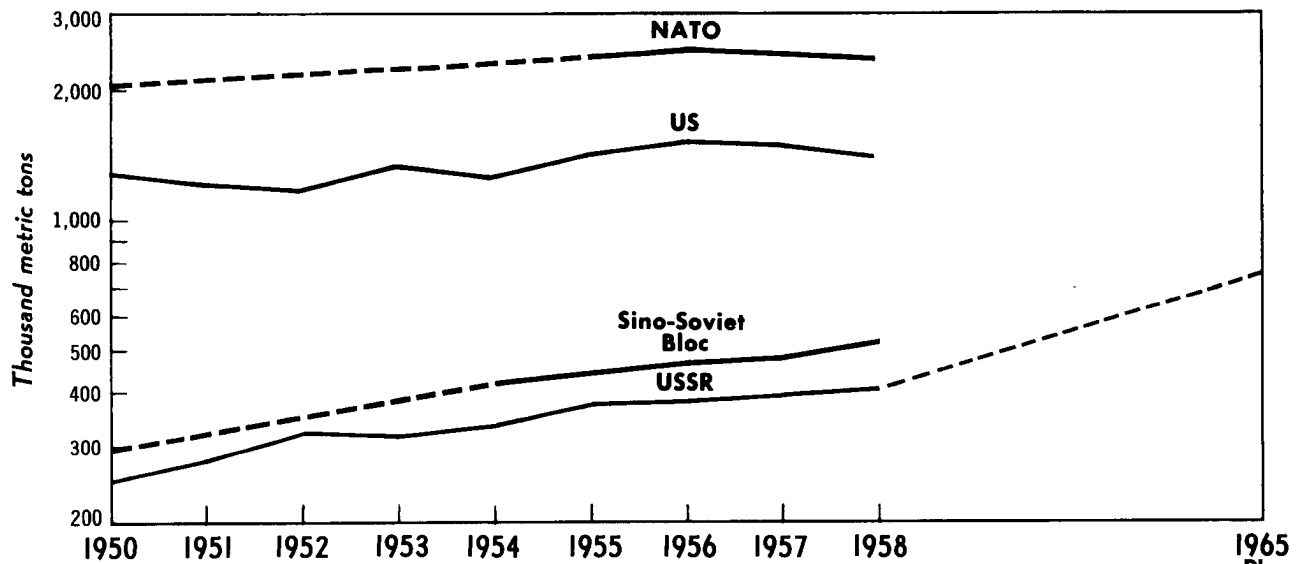
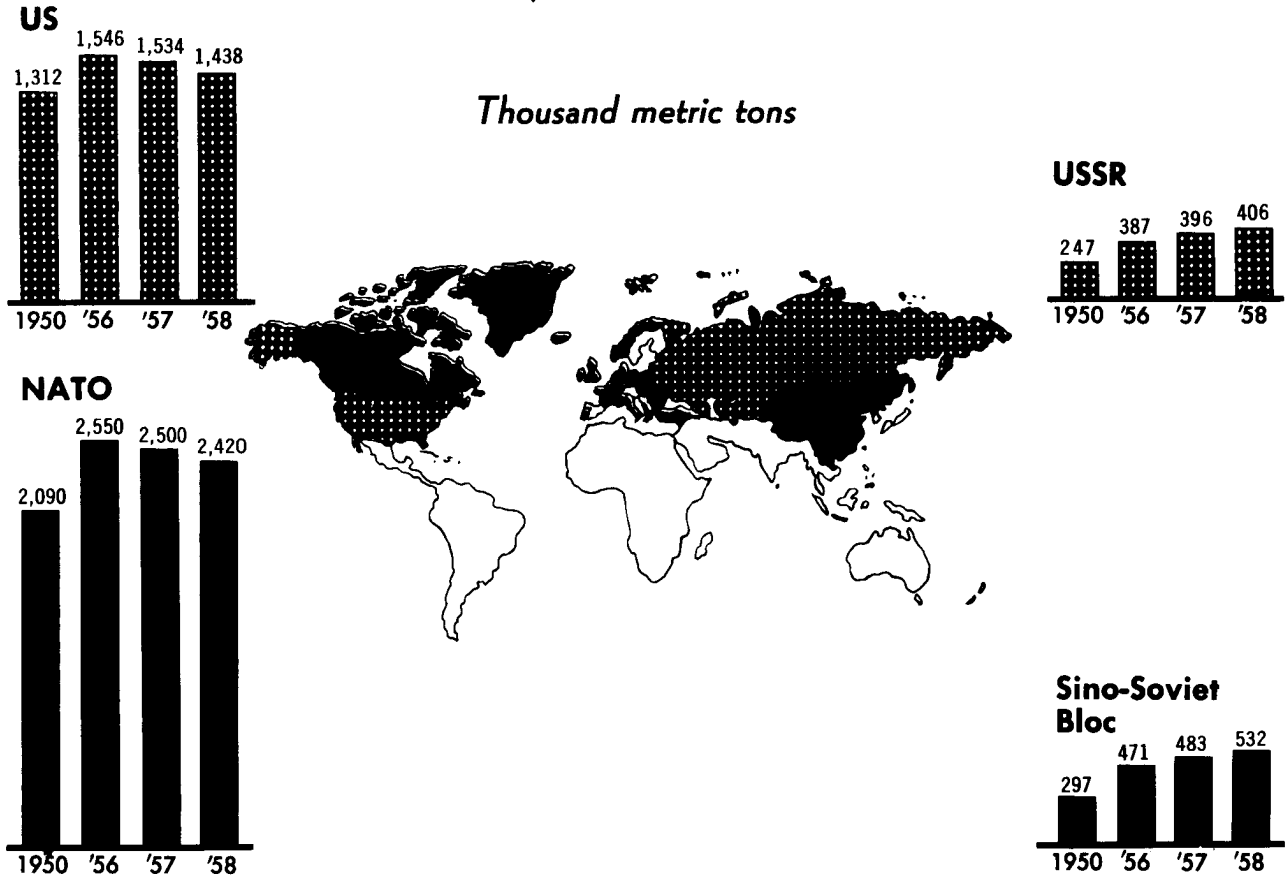
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Figure 8

**COMPARISON OF PRODUCTION OF REFINED COPPER
IN SELECTED AREAS
SELECTED YEARS, 1950-1958, AND 1965 PLAN**



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MINERALS AND METALS

Table 39
Production of Lead ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	<i>N.A.</i>	1,090	1,110	1,220	1,220	<i>N.A.</i>
US	<i>N.A.</i>	518.7	510.4	581.2	570.6	481.8
Sino-Soviet Bloc ^c	136	168	363	386	427	454
USSR	77.5	112.0	258.0	268.0	277.0	282.0
Communist China	3.7	2.8	16.0	17.0	31.0	45.0
North Korea	<i>N.A.</i>	<i>N.A.</i>	7.2	14.5	17.0	19.9
European Satellites	54.5	53.4	81.8	87.0	102	107
Bulgaria	<i>N.A.</i>	2.8	5.1	6.0	19.3	26.4
Czechoslovakia	5.0	7.6	10.0	10.7	11.3	11.8
East Germany	15.0	12.2	21.4	23.5	24.5	22.2
Poland	29.0	22.2	34.2	35.2	35.7	35.0
Rumania	5.5	8.6	11.1	11.6	11.6	11.6

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium ^d	99.3	93.2	Greece	2.8	3.0	Portugal	0.8	0.9
Canada	129.7	120.6	Italy	50.0	57.4	Turkey	1.8	1.8
Denmark	9.1	9.1	Netherlands	9.6	8.3	UK	87.1	81.8
France	92.6	<i>N.A.</i>	Norway	1.2	1.2	West Germany	165.3	164.3

Other Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Australia	240.8	248.6	Peru	68.9	64.1	Tunisia	24.6	25.2
Austria	8.6	<i>N.A.</i>	Spain	62.5	<i>N.A.</i>	Yugoslavia	78.5	84.3
Morocco	31.2	33.1						

^a Production of refined metal from domestic and foreign ores and scrap.

^b Excluding for all years, Iceland and Luxembourg, and for 1950, Denmark, Norway, and Turkey.

^c There has been little or no production in North Vietnam, Albania, and Hungary.

^d Including Luxembourg.

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MINERALS AND METALS

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Table 40
Smelter Production of Tin Metal
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	68.9	93.8	89.3	85.1	78.2	N.A.
US	1.4 ^b	32.6	22.7	17.9	1.6	N.A.
Sino-Soviet Bloc ^c	17.7	14.2	31.6	33.7	41.8	46.8
USSR	1.7 ^b	8.0	13.0	14.0	15.0	16.0
Communist China	16.0	6.0	18.0	19.0	26.0	30.0
East Germany	N.A.	0.2	0.6	0.7	0.8	0.8

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	9.9	10.0	Portugal	1.1	1.1	West Germany	0.7	1.0
Netherlands	28.6	29.7	UK	26.9	34.7			

Other Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Australia	1.9	1.8	Indonesia ^d	1.5	0.6	Malaya	74.4	72.4
Belgian Congo ^d	2.8	2.7						

^a Including for all years, Belgium, the Netherlands, Portugal, the UK, the US, and West Germany; for 1938, Italy; and for 1950, Canada. Total for 1938 includes all Germany and data for 1940 for the US.

^b 1940.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^d Countries having considerably larger mine production than smelter production of tin (in terms of tin content) are as follows:

	1956	1957
Belgian Congo	15.0	14.5
Indonesia	30.5	28.2

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MINERALS AND METALS

Table 41
Production of Zinc ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	1,170	1,570	1,900	1,960	1,970	1,720
US	414.6	825.9	934.0	957.8	959.3	752.0
Sino-Soviet Bloc ^c	202	234	407	450	486	542
USSR	83.0	111.0	222.0	260.0	280.0	300.0
Communist China	2.5	2.7	13.0	15.0	19.0	29.0
North Korea	N.A.	0	0	0	5.0	25.0 ^d
European Satellites	117	121	172	175	182	188
Bulgaria	0	0	1.4	5.8	7.5	8.3
Czechoslovakia	8.9	4.1	5.7	6.5	6.3	6.7
East Germany ^e	0	Negl.	3.2	2.9	3.2	4.0
Poland	108.0	113.6	156.2	153.3	158.8	162.6
Rumania	0	3.0	6.0	6.0	6.0	6.0

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	235.6	213.9	Italy	78.3	74.7	UK	78.1	75.8
Canada	224.9	228.7	Netherlands	30.0	N.A.	West Germany	185.2	179.3
France	128.3	148.0	Norway	47.9	45.0			

Other Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Australia	112.1	116.6	Japan	138.0	141.0	Mexico	56.6	57.5

^a Production of refined metal from domestic and foreign ores and scrap.

^b Excluding for all years, Denmark, Greece, Iceland, Luxembourg, Portugal, and Turkey, and for 1958, the Netherlands.

^c There has been no production in North Vietnam, Albania, and Hungary.

^d Mine production of zinc content of concentrates in 1958 was at least 75,000 tons.

^e Except for about 150 to 200 tons, annual production consists of zinc produced from scrap.

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MINERALS AND METALS

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Table 42
Production of Primary Magnesium
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	7.6	19.6	79.2	87.6	98.7	N.A.
US	2.9	14.3	55.5	62.0	73.7	N.A.
Sino-Soviet Bloc ^b	14.2	7.3	18.1	20.8	24.4	27.6
USSR	1.0	7.3	17.4	20.5	24.0	27.6
East Germany	13.2	0	0.7	0.3	0.4	0

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada	9.1	7.3	Italy	3.7	3.8	UK ^c	3.7	3.5
France	1.5	1.6	Norway	7.4	8.6	West Germany ^c	0.2	0.2

^a Including for all years, Canada, France, Italy, the UK, the US, and, except for 1938 and 1950, Norway and West Germany. Data refer to production of primary magnesium in the US, but, except as noted, it is uncertain whether or not secondary magnesium is included in the data of the other countries.

^b There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^c Including some secondary magnesium.

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MINERALS AND METALS

Table 43
Production of Sulfur ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	4,660	7,410	8,600	9,460	8,710	N.A.
US ^c	2,654.0	5,675.0	6,309.4	7,027.0	6,111.1	N.A.
Sino-Soviet Bloc ^d	201	1,730	2,640	2,930	3,330	3,740
USSR	146.0	1,258.0	1,767.0	1,961.0	2,157.0	2,373.0
Communist China	N.A.	20.0	160.0	220.0	280.0	420.0
North Korea ^e	N.A.	68.0	36.0	48.0	88.0	108.0
European Satellites	54.7	384	679	701	800	834
Albania ^e	Negl.	0.7	1.8	1.8	1.8	1.8
Bulgaria ^e	0.4	5.6	27.5	30.0	37.8	44.9
Czechoslovakia ^e	3.8	16.0	64.8	71.2	148.0	154.0
East Germany	N.A.	273.5	426.1	437.7	444.2	453.4
Hungary ^e	1.6	4.8	7.2	7.2	7.6	7.6
Poland ^e	36.9	60.0	96.0	96.0	96.0	101.6 ^f
Rumania	12.0	23.0	56.0	57.0	65.0	71.0

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada ^g	429.6	562.5	Italy ^h	817.2	865.4	Turkey ⁱ	23.4	36.2
France	127.6	135.9	Norway	370.0	355.6	UK	1.7	1.5
Greece ^h	105.1	100.8	Portugal	301.4	300.3	West Germany	257.5	241.0

^a Unless otherwise indicated, sulfur from all sources is included.

^b Excluding Belgium, Denmark, Iceland, Luxembourg, and the Netherlands. Total for 1938 includes all Germany. Unless otherwise indicated, all sulfur produced in the NATO countries is from pyrites (see country footnotes).

^c Although most sulfur produced in the US is native sulfur, the following amounts produced from pyrites are included: 1938, 222,000 metric tons; 1950, 399,000 metric tons; 1955, 416,000 metric tons; 1956, 439,000 metric tons; and 1957, 443,000 metric tons.

^d There has been little or no production in North Vietnam. All sulfur produced in countries of the Sino-Soviet Bloc, with the exception of about 80,000 to 160,000 metric tons of native sulfur in the USSR and 70,000 to 100,000 metric tons of native sulfur in East Germany, is from such sources as pyrites, gypsum, waste gases, and kieserite.

^e Sulfur content of pyrites.

^f Including 5,600 metric tons of native sulfur.

^g Sales.

^h About 1 percent of annual production is native sulfur.

ⁱ About 170,000 metric tons annually are native sulfur.

^j About 13,000 metric tons annually are native sulfur.

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AGRICULTURE AND PROCESSED FOODS

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Table 44
 Production of Grain in the US and the Sino-Soviet Bloc ^a
 1938, 1950, and 1955-58

Country	Million Metric Tons					
	1938	1950	1955	1956	1957	1958
US	113.67	134.78	141.32	142.78	143.85	170.19
Sino-Soviet Bloc	252	263	307	320	317	363
USSR ^b	88.70	84.90	103.30	115.20	100.00	125.00
Communist China ^c	136.50	138.00	155.90	160.70	164.70	190.00
North Korea	N.A.	2.49 ^d	2.20	2.80	3.20	3.70
North Vietnam	3.68	2.30	3.79	4.39	4.14	4.70
European Satellites	45.1	35.3	42.3	37.4	44.9	39.4
Albania	0.19	0.21	0.31	0.27	0.34	0.28
Bulgaria	3.84 ^e	2.84	3.56	3.03	3.95	2.83
Czechoslovakia	5.63 ^e	4.73	5.09	5.41	5.18	4.87
East Germany	6.46 ^e	5.63	5.19	4.72	4.66	5.09
Hungary	7.19	5.50	6.62	5.31	7.02	5.66
Poland	13.81 ^e	11.53 ^f	12.96	12.46	14.03	13.79
Rumania	8.01 ^e	5.14	8.62	6.23	9.69	6.87

^a 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. Total for grain for the Sino-Soviet Bloc consists of data for rice, breadgrains, and other grains, except for North Korea, where the breakdown is not available.

^b Including pulses.

^c The Chinese Communist definition of grain includes rice, wheat, miscellaneous grains, and tubers. Data as presented here exclude production of tubers as grain equivalents, which are estimated as follows:

Year	Million Metric Tons
1938	9.5
1950	15.0
1955	18.9
1956	21.8
1957	20.3
1958	30.0

^d 1949.

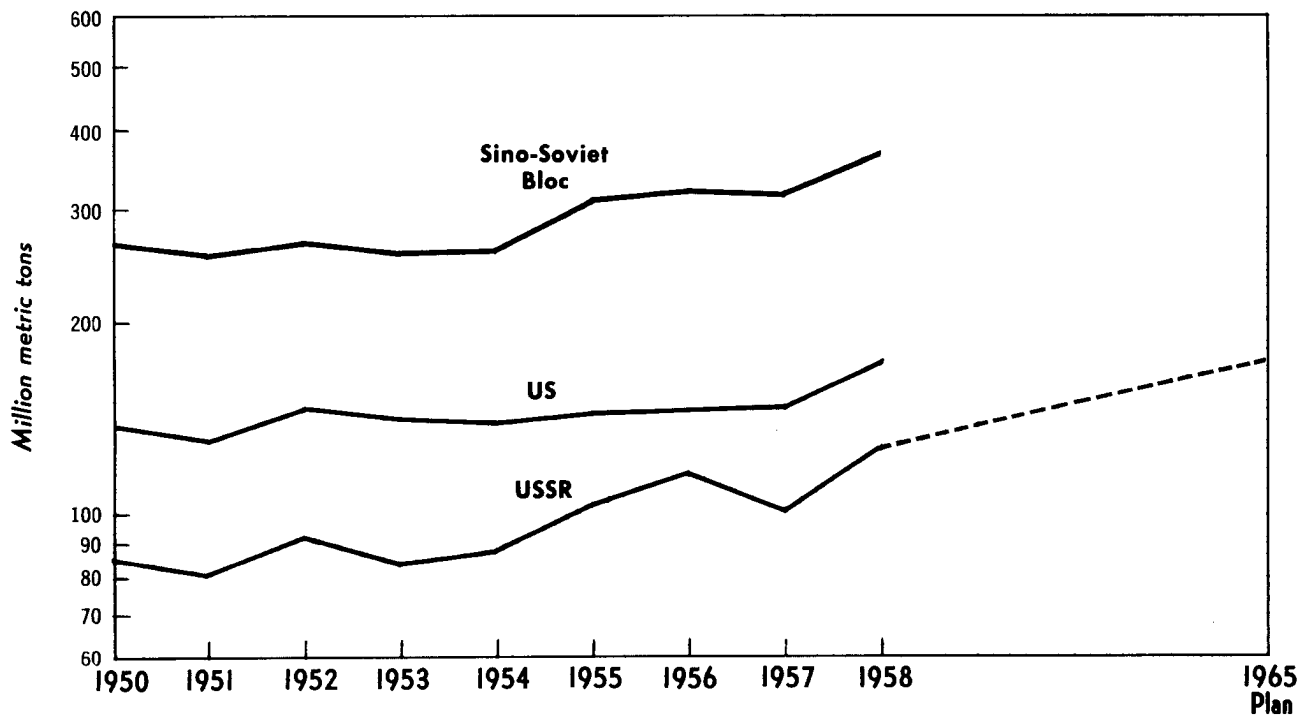
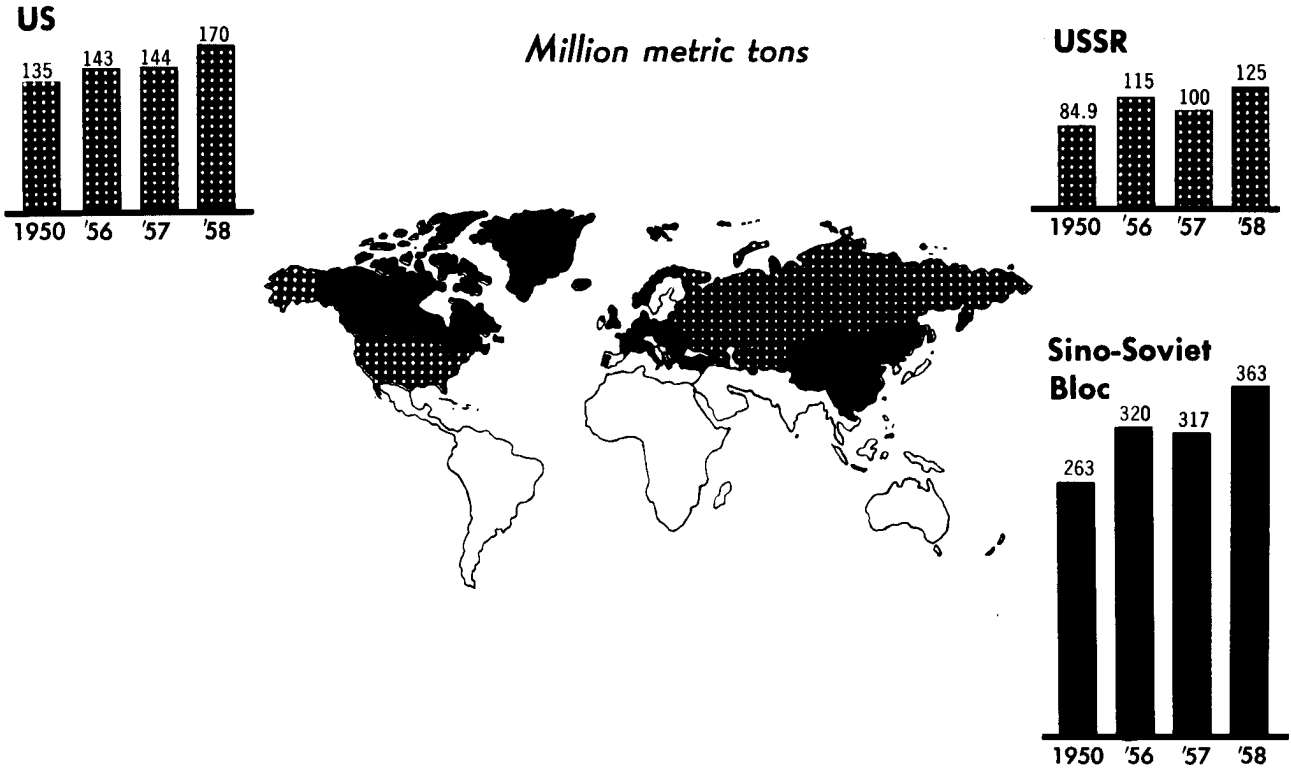
^e Average for 1934-38.

^f Including production of miscellaneous grains for 1951.

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Figure 9

**COMPARISON OF PRODUCTION OF GRAIN IN SELECTED AREAS
SELECTED YEARS, 1950-58, AND 1965 PLAN**



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AGRICULTURE AND PROCESSED FOODS

Table 45
Production of Breadgrains in the US and the Sino-Soviet Bloc ^a
1938, 1950, and 1955-58

Country	Million Metric Tons					
	1938	1950	1955	1956	1957	1958
US	26.46	28.28	26.18	27.68	26.56	40.63 ^b
Sino-Soviet Bloc ^c	101	93.9	104	116	114	132
USSR	52.30	51.30	58.40	70.10	66.80	80.00
Communist China ^d	24.50 ^e	21.00	23.00	24.80	23.50	30.00
North Korea ^d	N.A.	0.10	0.10	N.A.	N.A.	N.A.
European Satellites	24.1	21.5	22.3	20.7	23.7	22.0
Albania	0.04	0.06	0.08	0.07	0.12	0.10
Bulgaria	2.27 ^f	1.81	1.78	1.66	2.12	1.86
Czechoslovakia	3.09 ^g	2.58	2.44	2.59	2.48	2.27
East Germany	3.62 ^g	3.63	3.02	2.76	2.84	2.94
Hungary	3.49	2.86	2.67	2.34	2.45	1.86
Poland	8.81 ^g	8.13	9.13	8.68	9.75	9.71
Rumania	2.79 ^g	2.40	3.22	2.58	3.95	3.25

^a Unless otherwise indicated, only wheat and rye are included.

^b Preliminary estimate.

^c Data for North Vietnam are not available.

^d Wheat only.

^e Average for 1931-37.

^f 1939.

^g Average for 1934-38.

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Table 46
Production of Wheat
1938, 1950, and 1955-58

Country	Thousand Metric Tons ^a					
	1938	1950	1955	1956	1957	1958
NATO ^b	59,500 ^c	67,800	75,600	73,800	72,900	86,100 ^d
US	25,036	27,744	25,440	27,140	25,873	39,796 ^d
Sino-Soviet Bloc ^e	70,000	62,700	76,700	90,700	87,200	104,000
USSR	33,100	31,200	42,100	55,500	51,000	63,000
Communist China	24,500 ^f	21,000	23,000	24,800	23,500	30,000
North Korea	N.A.	105 ^g	98	N.A.	N.A.	N.A.
European Satellites	12,400	10,400	11,500	10,400	12,700	11,200
Albania	38	62	84	72	117	104
Bulgaria	2,003 ^h	1,576	1,625	1,541	2,008	1,756
Czechoslovakia	1,513 ⁱ	1,430	1,473	1,541	1,525	1,350
East Germany	1,547 ⁱ	1,214	1,066	887	990	1,050
Hungary	2,688	2,085	2,131	1,845	1,959	1,487
Poland	1,963 ⁱ	1,837	2,134	2,121	2,311	2,338
Rumania	2,630 ⁱ	2,219	3,006	2,436	3,750	3,122

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	751	778	Italy	8,437	9,798	Portugal	797	748
Canada	10,084	10,035	Luxembourg	38	42	Turkey	6,804	6,532
Denmark	273	275	Netherlands	393	402	UK	2,726	2,754
France	11,082	9,526	Norway	30	18	West Germany	3,843	3,674
Greece	1,727	1,769						

Other Countries

Country	1957	1958	Country	1957	1958
Argentina	5,811	6,396	India	9,463	8,165

^a Conversion factor for Free World data: 1 bushel of wheat equals 60 pounds.

^b Excluding Iceland.

^c Average for 1935-39, using data for 1938 for the US.

^d Preliminary estimate.

^e Data for North Vietnam are not available.

^f Average for 1931-37.

^g 1949.

^h 1939.

ⁱ Average for 1934-38.

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Table 47
Production of Other Grains in the US and the Sino-Soviet Bloc^a
1938, 1950, and 1955-58

Country	Million Metric Tons					
	1938	1950	1955	1956	1957	1958
US	86.14	104.75	112.60	112.86	115.33	127.40
Sino-Soviet Bloc	110	102	121	116	110	117
USSR	36.40	33.60	44.90	45.10	33.20	45.00
Communist China	52.00	53.00	54.90	53.40	54.50	55.00
North Korea ^b	N.A.	1.16	0.80	0.75	1.12	N.A.
North Vietnam ^c	0.18 ^d	0.06	0.19	0.26	0.19	0.20
European Satellites	21.0	14.0	19.9	16.5	21.0	17.2
Albania	0.15	0.15	0.22	0.19	0.21	0.17
Bulgaria	1.54 ^e	0.99	1.73	1.31	1.78	0.92
Czechoslovakia	2.54	2.15	2.65	2.82	2.70	2.60
East Germany	2.84 ^f	2.00	2.17	1.96	1.82	2.15
Hungary	3.70 ^e	2.59	3.91	2.87	4.48	3.73
Poland	5.00 ^g	3.40 ^h	3.83	3.78	4.28	4.08
Rumania	5.22	2.70	5.36	3.61	5.70	3.59

^a Data for Czechoslovakia and the US include barley, corn, and oats. Unless otherwise indicated, in addition to these items, data for the Sino-Soviet Bloc include miscellaneous grains. Miscellaneous grains include buckwheat, millet, mixed grains, and silage corn. In addition, the USSR includes pulses, and Communist China includes broadbeans, field peas, and kaoliang.

^b Excluding barley and oats for 1950 and 1955 and miscellaneous grains for 1956 and 1957.

^c Corn only.

^d Average for 1937-41.

^e Average for 1933-37.

^f Average for 1934-38.

^g Including data for 1951 for miscellaneous grains.

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Table 48
Production of Rice ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	2,000 ^c	2,770	3,830	3,350	3,060 ^d	3,360 ^d
US	1,072	1,755	2,536	2,243	1,956 ^d	2,162 ^d
Sino-Soviet Bloc ^e	63,500	67,600	83,000	88,300	90,800	110,000
Communist China	60,000 ^f	64,000	78,000	82,500	86,700	105,000
North Korea	N.A.	1,250	1,307	1,470	N.A.	N.A.
North Vietnam	3,500	2,238	3,604	4,132	3,947	4,500
European Satellites	32	125	128	193	182	158
Albania	1	1	4	4	4	4
Bulgaria	31 ^g	38	49	56	56	48
Hungary	0	50	40	96	86	74
Rumania	1 ^h	36	35	36	36	32

NATO Countries								
Country	1957 ^d	1958 ^d	Country	1957 ^d	1958 ^d	Country	1957 ^d	1958 ^d
France	110	129	Italy	597	726	Turkey	173	120
Greece	58	69	Portugal	162	155			

Other Countries								
Country	1957 ^d	1958 ^d	Country	1957 ^d	1958 ^d	Country	1957 ^d	1958 ^d
India ⁱ	38,102	41,277	Japan	14,256	15,050	Pakistan ^j	12,946	12,700
Indonesia	11,566	N.A.						

^a 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.

^b Including France, Greece, Italy, Portugal, Turkey, and the US.

^c Average for 1935-39, using data for 1938 for the US.

^d Preliminary estimate.

^e Data for the USSR are not available. Czechoslovakia, East Germany, and Poland have no production of rice.

^f Average for 1931-37.

^g 1939.

^h Average for 1934-38.

ⁱ Estimated from planted acreage.

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Table 49
Production of Potatoes
1938, 1950, and 1955-58

Country	Million Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	64.8 ^b	79.8	78.3	88.9	82.2	77.1 ^c
US	9.68 ^b	11.70	11.53	12.37	12.16	13.23 ^c
Sino-Soviet Bloc	149	163	139	183	170	174
USSR	75.00 ^d	87.00	70.00	96.00	87.80	86.10
Communist China ^e	9.50 ^f	15.00	18.90	21.80	20.30	30.00
North Korea ^e	N.A.	N.A.	0.15	N.A.	0.30	0.20
North Vietnam ^e	0.13 ^h	0.15	0.54	1.06	0.53	0.54
European Satellites	64.8	60.9	49.6	63.8	60.8	57.6
Albania	Negl.	0.02	0.03	0.02	0.03	0.02
Bulgaria	0.14 ⁱ	0.15	0.36	0.21	0.31	0.25
Czechoslovakia	9.64 ^j	8.16	7.90	9.64	8.76	7.15
East Germany	13.57 ^j	13.10	9.69	11.73	11.51	10.80
Hungary	2.14	1.35	2.47	2.06	2.60	2.49
Poland	38.04	36.51	27.02	38.05	35.12	34.73
Rumania	1.32 ^j	1.60	2.09	2.14	2.45	2.16

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium ^k	2.44	2.34	Greece	0.53	0.49	Portugal	1.34	1.18
Canada	2.24	2.00	Italy	3.53	4.05	UK	6.49	6.32
Denmark	1.99	1.77	Netherlands	4.19	4.13	West Germany	29.42	25.36
France	16.72	14.89	Norway	1.13	1.34			

^a Excluding Iceland and Turkey.^b Average for 1935-39.^c Preliminary estimate.^d Average for 1933-37.^e All tubers (grain equivalent).^f Average for 1931-37.^g Sweet potatoes (yams).^h Average for 1935-39 based on boundaries existing before World War II.ⁱ 1939.^j Average for 1934-38.^k Including Luxembourg.

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Table 50
Production of Ginned Cotton
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons ^a						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	2,940 ^c	2,710 ^d	2,330	3,410	3,100	2,580 ^e	2,720 ^c
US	2,862.9 ^c	2,635.4 ^d	2,180.0	3,205.2	2,898.0	2,387.2 ^e	2,521.5 ^c
Sino-Soviet Bloc ^f	1,570	922	1,910	2,840	2,870	3,080	4,020
USSR	900.0	487.7	1,180.0	1,310.0	1,440.0	1,450.0	1,470.0
Communist China	658.0 ^g	419.1	710.0	1,500.0	1,400.0	1,600.0	2,500.0
North Korea	N.A.	5.0	N.A.	N.A.	N.A.	N.A.	20.0
North Vietnam	0.4	N.A.	N.A.	N.A.	5.7	5.6	5.7
European Satellites	7.8	9.9	22.2	31.2	23.6	25.8	21.9
Albania	0.6	N.A.	2.5	4.0	4.0	5.3	4.5
Bulgaria	7.0 ^h	8.8	10.6	20.4	13.2	16.3	15.3
Hungary	0	0	0.1	0.1	Negl.	0	0
Rumania	0.2 ^h	1.1	9.0	6.7	6.4	4.2	2.1

NATO Countries								
Country	1957 ^e	1958 ^e	Country	1957 ^e	1958 ^e	Country	1957 ^e	1958 ^e
Greece	63.1	62.9	Italy	8.3	7.0	Turkey	119.8	130.6

Other Countries								
Country	1957 ^e	1958 ^e	Country	1957 ^e	1958 ^e	Country	1957 ^e	1958 ^e
Argentina	170.9	N.A.	India	963.5	936.2	Peru	108.2	109.3
Brazil	289.6	272.2	Mexico	454.0	495.3	Syria	107.1	93.6
Egypt	405.2	442.0	Pakistan	298.3	283.0			

^a Conversion factor for Free World data: 1 bale of cotton equals 480 pounds (net weight).

^b Including Greece, Italy, Turkey, and the US. The stated year refers to the crop year beginning on 1 August.

^c Average for 1935-39.

^d Average for 1945-49.

^e Preliminary estimate.

^f There has been no production in the countries of the Sino-Soviet Bloc that are not listed.

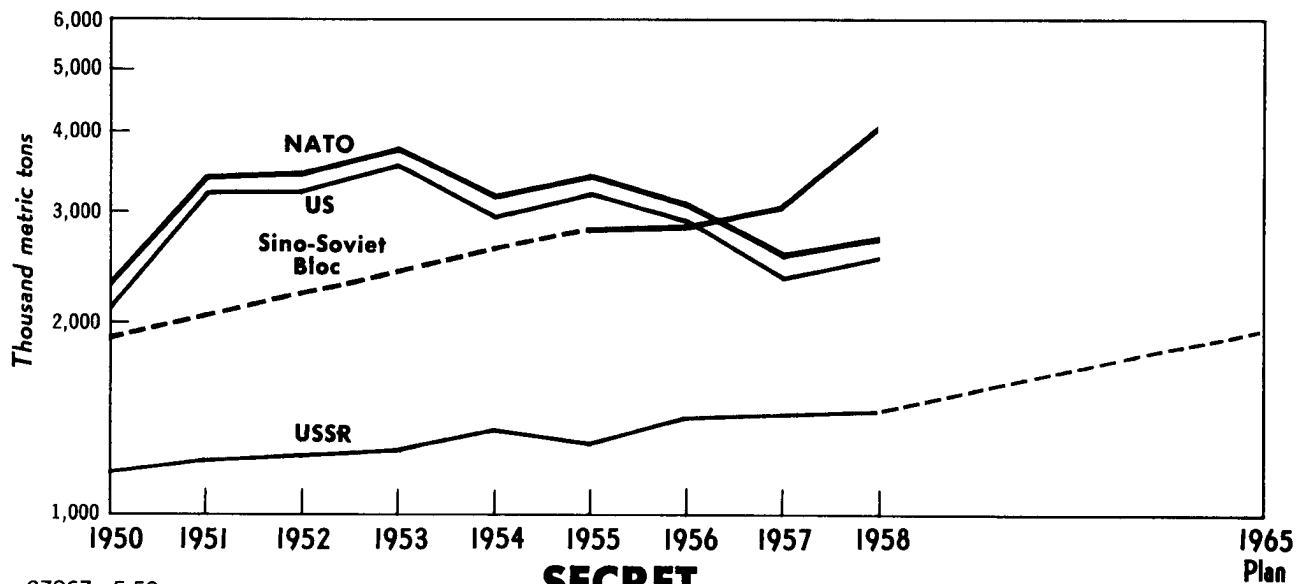
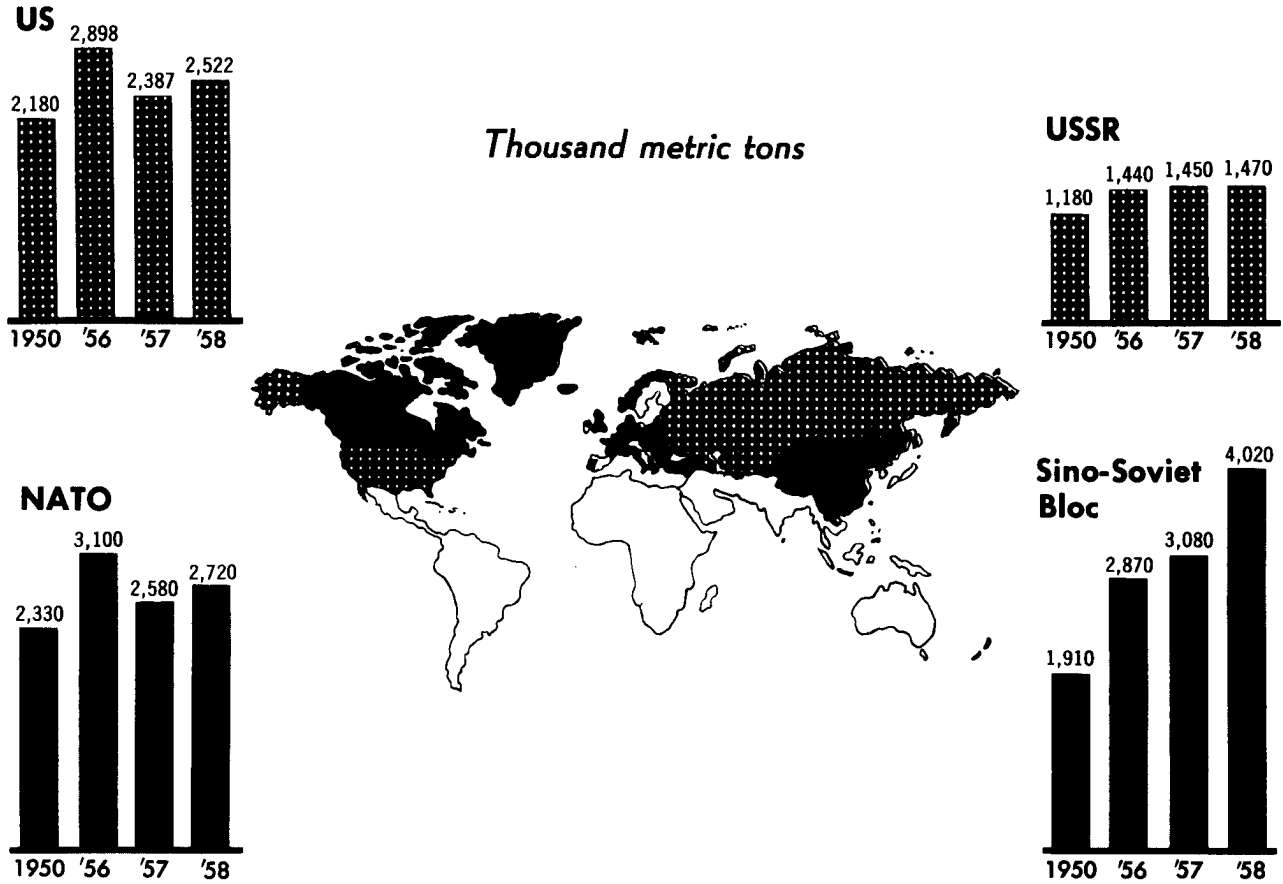
^g Average for 1931-37.

^h Average for 1934-38.

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Figure 10

COMPARISON OF PRODUCTION OF GINNED COTTON IN SELECTED AREAS SELECTED YEARS, 1950-1958, AND 1965 PLAN



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Table 51
Production of Wool ^a
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons							
	1938	1946	1950	1955	1956	1957	1958	
NATO ^b	354	287	250	296	298	298	302 ^c	
US	193.1	155.0	112.4	138.2	136.5	132.6	136.1 ^c	
Sino-Soviet Bloc ^d	250	196	259	355	361	389	N.A.	
USSR	161.0 ^e	130.3	180.0	256.0	261.0	289.0	321.0	
Communist China ^f	40.8 ^g	34.0	34.0	36.1	36.8	37.5	N.A.	
European Satellites	47.8	31.9	45.2	63.2	63.2	62.7	63.2	
Albania	2.0	2.2	2.2	2.6	2.6	2.6	2.3	
Bulgaria	14.1 ^h	10.6	13.8	14.4	15.0	14.2	16.5	
Czechoslovakia	1.1	0.6	1.4	2.9	2.9	2.9	2.7	
East Germany	6.2	3.0	2.9	7.1	6.9	7.6	7.6	
Hungary	6.2	0.9	4.4	5.7	6.5	7.0	7.0	
Poland	3.1	1.1	3.7	9.8	9.8	9.3	8.9	
Rumania	15.1	13.5	16.8	20.7	19.5	19.1	18.2	
NATO Countries								
Country	1957	1958 ^c	Country	1957	1958 ^c	Country	1957	1958 ^c
Canada	3.6	3.6	Netherlands	1.7	1.7	Turkey	38.0	36.0
France	27.9	28.8	Norway	3.6	3.6	UK	51.0	52.2
Greece	10.8	10.9	Portugal	10.4	10.4	West Germany	4.7	5.0
Italy	13.9	13.8						
Other Countries								
Country	1957	1958 ^c	Country	1957	1958 ^c	Country	1957	1958 ^c
Argentina	185.3	185.1	New Zealand	225.4	229.1	Uruguay	94.8	95.3
Australia	663.6	657.7						

^a Grease basis.^b Excluding Belgium, Denmark, Iceland, and Luxembourg. Total for 1938 includes all Germany.^c Preliminary estimate.^d Data for North Korea and North Vietnam are not available.^e 1940.^f Excluding Tibet, Inner Mongolia, Sikang, and Sinkiang.^g Average for 1931-37.^h 1939.

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Table 52
Production of Vegetable Oils in the Sino-Soviet Bloc^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
Sino-Soviet Bloc ^b	<i>N.A.</i>	1,940	2,620	2,950	3,150	<i>N.A.</i>
USSR	<i>N.A.</i>	819.0	1,168.0	1,525.0	1,663.0	1,400.0
Communist China	<i>N.A.</i>	847.0	1,142.0	1,176.0	1,222.0	<i>N.A.</i>
North Vietnam ^c	2.2 ^d	2.3	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>
European Satellites	136	271	308	252	266	245
Albania	2.7	2.7	3.4	4.0	4.3	3.7
Bulgaria	47.0	29.4	48.5	54.7	52.7	64.3
Czechoslovakia	11.0	13.0	12.0	12.1	11.8 ^e	11.3 ^e
East Germany	14.0	57.2	72.2	60.1	62.5	48.0
Hungary	12.0	54.5	50.7	39.9	42.1	29.5
Poland	20.0	54.1	54.5	24.0	30.0	23.0
Rumania	29.6	60.0	66.8	56.8	63.1	65.0

^a Production of edible oils from indigenous raw materials.

^b Data for North Korea are not available.

^c Including peanut, cottonseed, sesame, and castor oils.

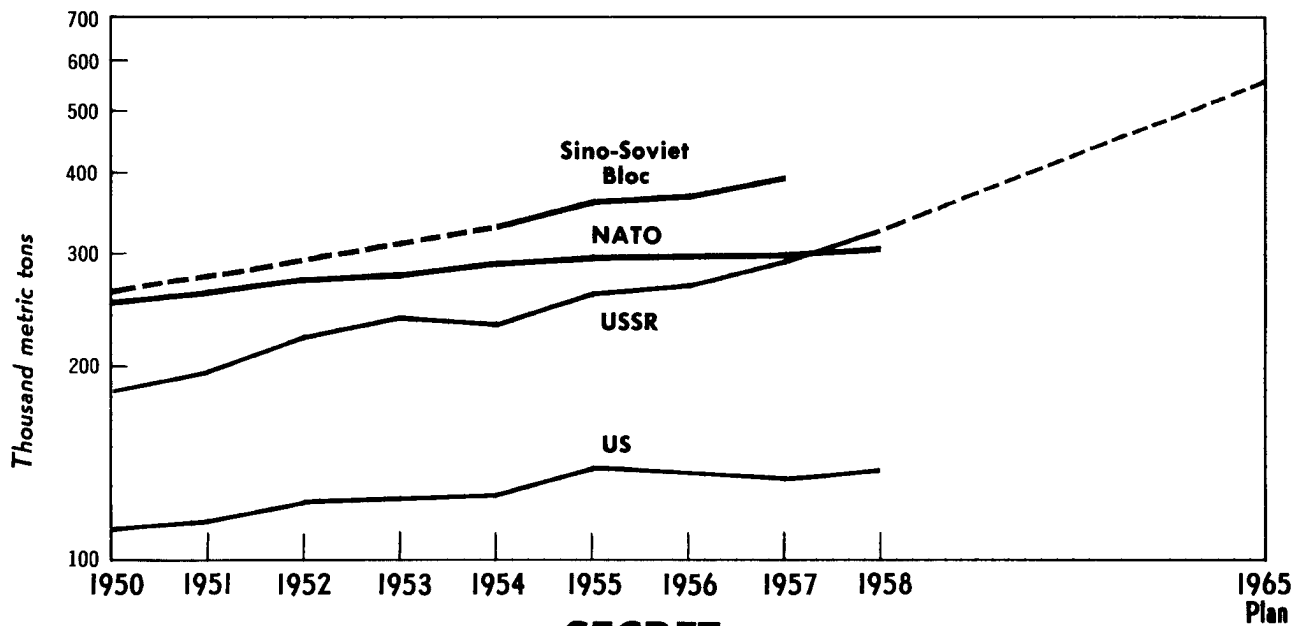
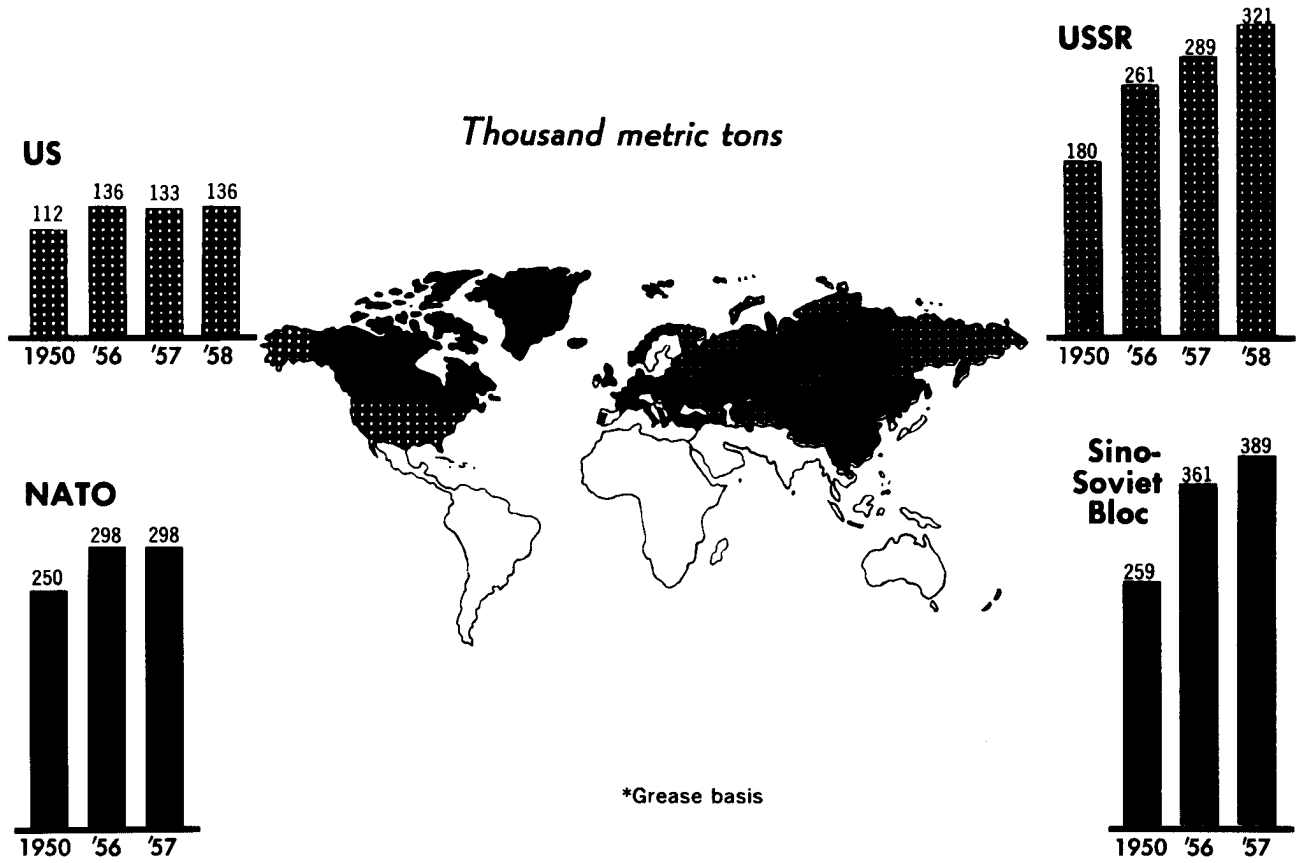
^d Average for 1937-41.

^e Extracted from rape and mustard seed.

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Figure 11

COMPARISON OF PRODUCTION OF WOOL* IN SELECTED AREAS SELECTED YEARS, 1950-58, AND 1965 PLAN



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Table 53
Number of Cattle ^a
1938, 1950, and 1955-58

Country	Million Head					
	1938	1950	1955	1956	1957	1958
NATO ^b	139 ^c	152	177	177	177 ^d	176 ^d
US	66.71 ^c	77.96	96.59	96.80	94.50 ^d	93.97 ^d
Sino-Soviet Bloc	85.8	127	148	152	155	N.A.
USSR ^e	59.70	58.10	56.70	58.80	61.40	66.80
Communist China ^f	N.A.	43.90 ^g	66.00	66.80	67.00	N.A.
North Korea	N.A.	0.97	N.A.	0.54	0.60	0.66
North Vietnam	0.42 ^h	0.08	0.58	0.78	0.85	N.A.
European Satellites	25.7	23.7	24.5	25.2	24.7	24.7
Albania ^f	0.41	0.42	0.43	0.44	0.44	0.43
Bulgaria	1.51 ⁱ	1.68	1.61	1.60	1.53	1.44
Czechoslovakia	4.71	4.21	4.04	4.11	4.13	4.09
East Germany ^j	3.65	3.62	3.76	3.72	3.74	4.14
Hungary	1.88	2.22	2.13	2.17	1.97	1.94
Poland	9.92	7.20	7.91	8.35	8.26	8.21
Rumania	3.65	4.38	4.63	4.80	4.64	4.47

NATO Countries								
Country	1957 ^d	1958 ^d	Country	1957 ^d	1958 ^d	Country	1957 ^d	1958 ^d
Belgium	2.30	2.48	Greece ^f	1.06	1.09	Norway	1.11	N.A.
Canada	10.38	10.29	Italy ^f	8.48	8.64	Turkey ^f	12.62	12.71
Denmark	3.11	3.15	Luxembourg	0.10	N.A.	UK	10.71	10.83
France	17.79	17.93	Netherlands	2.78	2.87	West Germany	11.82	11.95

Other Countries								
Country	1957 ^d	1958 ^d	Country	1957 ^d	1958 ^d	Country	1957 ^d	1958 ^d
Argentina	44.20	N.A.	Australia	17.26	18.50	Brazil	65.82	68.12
World Total	961.53	971.81						

^a Unless otherwise indicated, data refer to census periods ranging from October of the preceding year to September of the stated year. Data for Communist China are as of midyear.

^b Excluding for all years, Iceland and Portugal, and for 1958, Norway, and including for 1957 only, Luxembourg.

^c Average for 1936-40.

^d Preliminary estimate.

^e Census of 1 January.

^f Including buffalo.

^g 1949.

^h Average for 1936-38.

ⁱ 1939.

^j Census of 3 December.

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Table 54
Number of Hogs ^a
1938, 1950, and 1955-58

Country	Million Head					
	1938	1950	1955	1956	1957	1958
NATO ^b	87.0 ^c	95.4 ^d	97.3	103	98.1 ^e	96.8 ^e
US	48.35 ^c	58.85	50.47	55.17	51.70 ^e	51.56 ^e
Sino-Soviet Bloc	59.8	109	156	159	194	N.A.
USSR	32.10	22.20	30.70	34.00	40.80	44.30
Communist China	N.A.	57.80 ^f	87.90	84.00	114.00	N.A.
North Korea	N.A.	0.93	0.70	0.84	N.A.	1.46
North Vietnam	2.11 ^g	0.14	N.A.	2.50	2.90	3.97
European Satellites	25.6	28.0	36.3	37.7	36.6	36.1
Albania	0.02	0.03	0.09	0.08	0.10	0.10
Bulgaria	0.75 ^h	1.04	1.32	1.41	1.47	1.99
Czechoslovakia	3.54	4.22	4.77	5.28	5.37	5.44
East Germany ⁱ	5.71	5.70	9.03	8.33	8.25	8.00
Hungary	3.11	5.54	5.82	6.06	5.00	5.34
Poland ^j	9.68	9.35	10.89	11.56	12.32	11.96
Rumania	2.76	2.11	4.37	4.95	4.10	3.25

NATO Countries

Country	1957 ^e	1958 ^e	Country	1957 ^e	1958 ^e	Country	1957 ^e	1958 ^e
Belgium	1.37	1.33	Greece	0.64	0.65	Norway	0.46	N.A.
Canada	4.56	5.16	Italy	3.86	N.A.	UK	6.06	6.60
Denmark	4.78	5.29	Netherlands	2.56	2.76	West Germany	14.41	15.42
France	7.73	8.06						

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

^b Excluding for all years, Iceland, Portugal, and Turkey; for 1957-58, Luxembourg; and for 1958, Italy and Norway.

^c Average for 1936-40.

^d Including some official statistics that may underestimate the actual inventory.

^e Preliminary estimate.

^f 1949.

^g Average for 1936-38.

^h Census of September 1939.

ⁱ As of 3 December.

^j Census of 30 June.

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Table 55
 Number of Sheep in the US and the Sino-Soviet Bloc^a
 1938, 1950, and 1955-58

Country	Million Head					
	1938	1950	1955	1956	1957	1958
US ^b	44.97	26.18	27.14	27.01	26.54	27.39 ^c
Sino-Soviet Bloc ^d	102	162	226	238	255	N.A.
USSR ^e	74.10	93.60	112.90	116.20	119.70	130.00
Communist China ^e	N.A.	42.30 ^f	84.20	92.10	106.00	N.A.
North Korea	N.A.	0.01	N.A.	N.A.	N.A.	N.A.
European Satellites	27.5	26.6	29.3	29.7	29.2	28.6
Albania	1.57	1.64	1.73	1.75	1.76	1.66
Bulgaria	9.94 ^g	8.85	7.80	7.83	7.60	7.74
Czechoslovakia	0.53	0.53	1.02	1.00	0.96	0.89
East Germany ^h	1.76	1.08	1.81	1.89	2.08	2.02
Hungary	1.63	1.05	1.86	1.93	1.87	2.05
Poland ⁱ	1.94	2.20	4.24	4.22	4.04	3.88
Rumania	10.09	11.20	10.88	11.12	10.92	10.37

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

^b Stock sheep only.

^c Preliminary estimate.

^d Data for North Vietnam are not available.

^e Including goats.

^f 1949.

^g September 1939.

^h As of 3 December.

ⁱ Census of June.

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Table 56
Production of Industrial Wood ^a
1938, 1950, and 1955-58

Country	Million Cubic Meters					
	1938	1950	1955	1956	1957	1958
NATO ^b	279	356	415	420	385	N.A.
US	N.A.	230.7	266.8	268.3	245.8	N.A.
Sino-Soviet Bloc	162	215	288	299	312	N.A.
USSR	114.0 ^c	161.0	212.0	222.0	234.0	248.0
Communist China ^d	10.0	10.0	24.0	26.0	28.0	N.A.
North Korea	N.A.	1.8	2.0	N.A.	N.A.	N.A.
North Vietnam	0.4	0.1	Negl.	Negl.	Negl.	N.A.
European Satellites	38.1	42.1	50.1	51.2	49.5	49.0
Albania	Negl.	0.2	0.4	0.4	0.4	0.5
Bulgaria	0.7	2.0	3.1	2.7	3.0	2.9
Czechoslovakia	9.5	9.4	11.8	11.5	11.5	10.2
East Germany	10.0	9.5	8.3	7.6	7.5	7.5
Hungary	0.7	0.9	1.0	1.0	0.9	0.9
Poland	10.2	11.3	16.4	16.7	15.8	14.8
Rumania	7.0	8.8	9.1	11.2	10.4	12.3

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	1.8	1.7	Italy ^e	4.8	N.A.	Portugal	1.8	2.0
Canada	89.8	79.4	Luxembourg ^e	0.2	0.2	Turkey	1.3	1.7
Denmark	1.2	1.3	Netherlands	0.6	0.6	UK	2.7	2.8
France	19.2	19.6	Norway ^{e f}	8.7	9.0	West Germany ^e	19.2	20.6
Greece	0.3	0.6						

Other Countries

Country	1956	1957	Country	1956	1957
Japan ^g	42.5	42.6	Sweden ^g	36.0	35.8

^a 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.

^b Excluding Iceland.

^c 1937.

^d Excluding Tibet.

^e 1954/55 and 1955/56.

^f Excluding rural consumption.

^g 1955/56 and 1956/57.

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Table 57
Fish Catch
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	7,950	8,690	10,000	10,900	10,000	N.A.
US	2,253.1	2,589.6	2,738.9	2,959.4 ^b	2,741.1 ^b	N.A.
Sino-Soviet Bloc ^c	3,130	3,230	5,960	6,230	6,580	N.A.
USSR ^d	1,542.0	1,755.0	2,737.0	2,850.0	2,800.0	2,900.0
Communist China	1,481.0 ^e	911.0	2,518.0	2,640.0	2,950.0	N.A.
North Korea	N.A.	440.0	317.0	332.0	400.0	N.A.
North Vietnam	N.A.	N.A.	152.0	120.0	142.0	N.A.
European Satellites	104	127	240	284	288	307
Albania	N.A.	N.A.	2.6	3.0	4.1	4.1
Bulgaria	5.0 ^f	4.7	4.5	5.7	5.7	5.7
Czechoslovakia	3.0 ^g	N.A.	6.3	6.5	7.1	7.5
East Germany	18.0	34.0	69.0	75.0	97.0	110.0
Hungary	7.0	4.5	9.5	10.9	11.6	12.0
Poland ^h	40.0	66.2	107.1	122.5	108.7	111.2
Rumania	31.2	17.8	41.5	60.1	54.1	56.9

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	69.1	62.9	Iceland	517.3	502.7	Portugal	472.2	464.6
Canada	1,091.9	991.7	Italy	218.6	215.7	Turkey	139.5	116.7
Denmark	463.0	533.3	Luxembourg	0.3	0.3	UK	1,050.4	1,014.7
France	537.9	514.5	Netherlands	298.1	300.8	West Germany	770.8	753.8
Greece	65.0	75.0	Norway	2,201.3	1,738.9			

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
India	1,012.3	1,233.0	Peru	267.3	350.0	Spain	748.9	767.7
Japan	4,762.6	5,399.0						

^a Excluding for 1938 and 1950, Luxembourg. Total for 1938 includes all Germany and for 1950 includes data for 1951 for Turkey. Data refer to live weight and include seaweed, crustaceans, and mollusks but not aquatic mammals.

^b Including Alaska.

^c Landed weight.

^d Including marine animals.

^e Average for the period before World War II.

^f 1939.

^g Average for 1933-37.

^h Salt water catch only.

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Table 58

Production of Meat ^a
1938, 1946, 1950, and 1955-58

Thousand Metric Tons

Country	1938	1946	1950	1955	1956	1957	1958
NATO ^b	15,000	16,800 ^c	17,800	22,700	23,500	22,000	N.A.
US	7,475	10,098 ^c	10,015	12,200	12,726	12,215	11,394 ^d
Sino-Soviet Bloc	7,490	N.A.	11,000	13,400	13,400	15,800	N.A.
USSR ^e	4,400	N.A.	3,400	4,400	4,500	5,000	5,400
Communist China	N.A.	N.A.	5,207	6,265	5,944	7,713	N.A.
North Korea	N.A.	N.A.	N.A.	N.A.	24	40	N.A.
North Vietnam	122 ^f	N.A.	25	N.A.	N.A.	N.A.	N.A.
European Satellites	2,970	1,020	2,380	2,770	2,950	3,050	3,120
Albania	12	8	7	14	14	15	14
Bulgaria	153	76	134	155	172	179	217
Czechoslovakia	393 ^g	291	377	381	417	442	433
East Germany	845	185	428	592	594	645	660
Hungary	280 ^h	84	338	311	368	294	320
Poland	927	219	858	894	1,000	1,101	1,072
Rumania	361	154	239	421	384	375	399

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	400	390	Greece	104	108	Portugal	156	164
Canada	1,095	1,051	Italy	940	N.A.	Turkey	196	N.A.
Denmark	614	704	Netherlands	563	579	UK	1,685	1,702
France	2,500	2,430	Norway	118	118	West Germany	2,434	2,588

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Argentina ⁱ	2,856	2,881	Brazil ⁱ	1,437	1,465	New Zealand ⁱ	652	648
Australia ⁱ	1,196	1,294	New Mexico	557	610			

^a 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.

^b Excluding for all years, Iceland and Luxembourg; for 1957, Italy; and for 1950 and 1957, Turkey. Total for 1938 includes averages for several years for all NATO except the US, for which data are for 1938.

^c Average for 1946-50.

^d Preliminary estimate.

^e Cattle, hogs, sheep, goats, and poultry; carcass weight, bone in basis, including slaughter fats.

^f Average for 1935-39, including beef, carabao, and pork.

^g 1939.

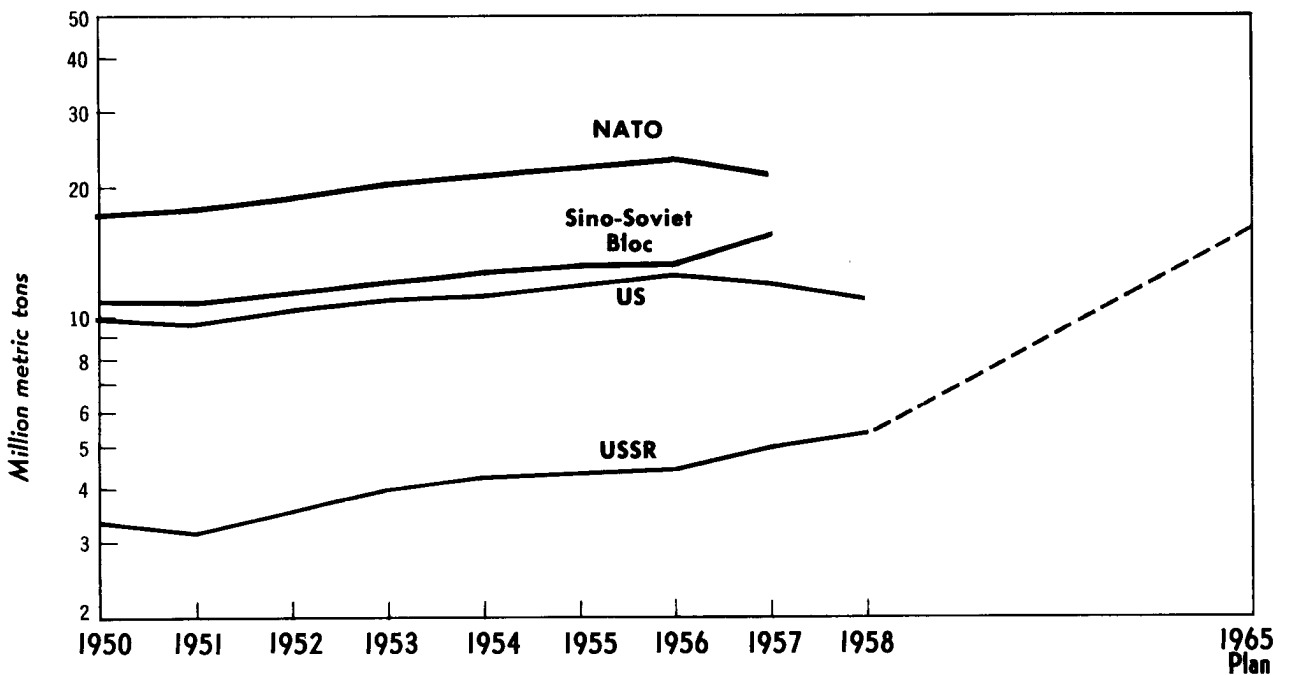
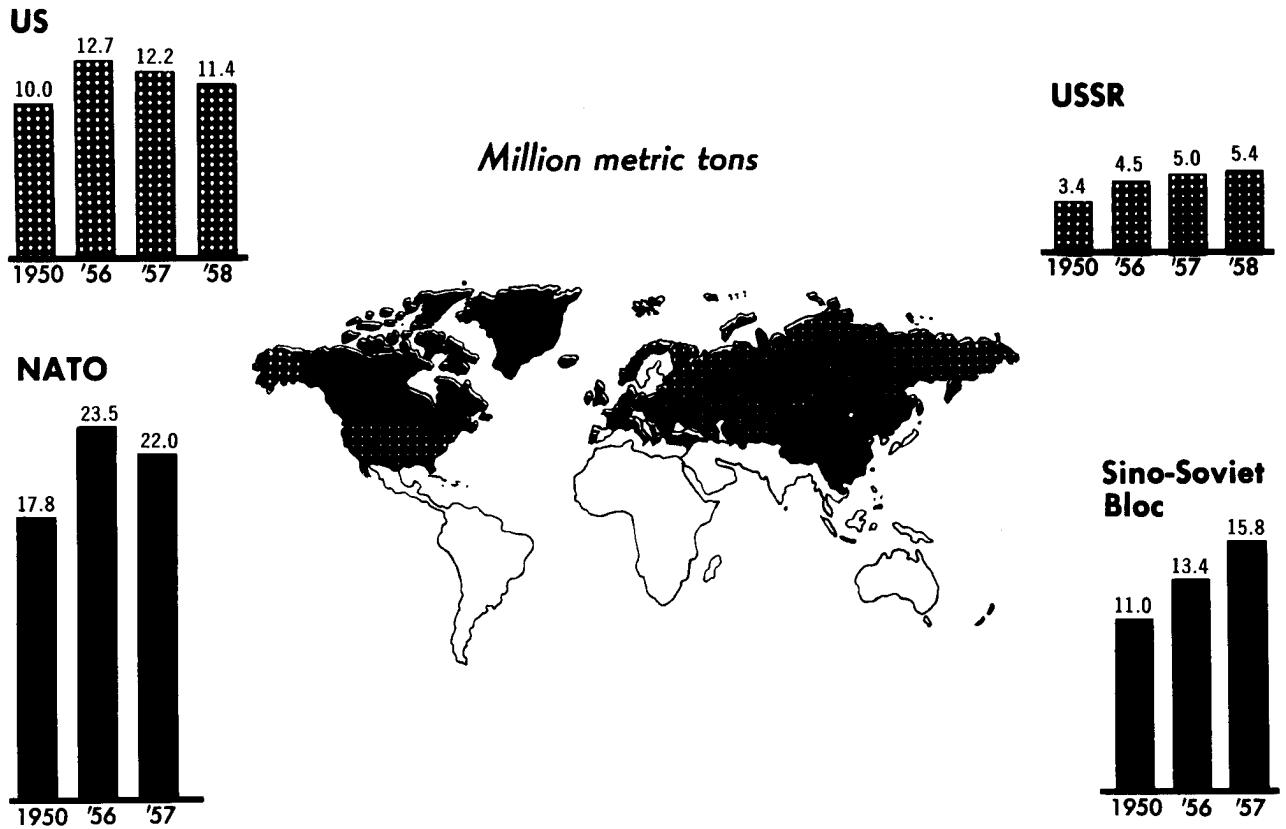
^h Average for 1933-37.

ⁱ Excluding horse meat.

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Figure 12

**COMPARISON OF PRODUCTION OF MEAT IN SELECTED AREAS
SELECTED YEARS, 1950-58, AND 1965 PLAN**



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Table 59
Production of Milk ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons							
	1938	1950	1955	1956	1957	1958		
NATO ^b	113,000 ^c	124,000 ^d	135,000	138,000	141,000	143,000 ^e		
US	47,595	53,343	55,850	56,914	57,325	57,198 ^e		
Sino-Soviet Bloc ^f	57,100	48,500	60,100	65,800	71,900	76,100		
USSR	34,000	31,200	38,100	43,400	48,200	51,000		
European Satellites	23,100	17,300	22,000	22,400	23,700	25,100		
Albania	13	N.A.	14	14	14	14		
Bulgaria	253 ^g	282	382	456	515	600		
Czechoslovakia	4,835 ^h	3,271	3,521	3,711	3,742	3,761		
East Germany	4,952 ⁱ	2,944	5,077	4,985	5,286	5,800		
Hungary	1,571	1,445	1,525	1,516	1,715	1,925		
Poland	10,000 ^j	7,760	9,615	9,979	10,585	11,300		
Rumania	1,496	1,592	1,830	1,713	1,798	1,748		
NATO Countries								
Country	1957	1958 ^e	Country	1957	1958 ^e	Country	1957	1958 ^e
Belgium	3,720	3,788	Greece	312	318	Norway	1,727	1,746
Canada	7,842	8,165	Italy	8,450	8,596	UK	12,040	11,982
Denmark	5,330	5,062	Luxembourg	197	202	West Germany	17,263	18,271
France	20,593	21,772	Netherlands	5,891	6,244			

^a Whole milk from cows.

^b Excluding Iceland, Portugal, and Turkey.

^c Average for 1934-38; except Canada, average for 1935-39; Denmark, Greece, and Norway, average for 1933-37; and West Germany, average for 1935-38. For Denmark, Norway, and West Germany, data are as of 30 June.

^d Greece, average for 1947-50, and Luxembourg, average for 1948-50.

^e Preliminary estimate.

^f Data for Communist China, North Korea, and North Vietnam are not available.

^g 1939.

^h 1937.

ⁱ Average for 1934-38.

^j Boundaries existing before World War II.

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Table 60
Production of Sugar ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	5,020 ^c	7,720	8,430	8,060	8,760	9,300 ^d
US	1,807 ^c	2,337	2,098	2,292	2,481	2,558 ^d
Sino-Soviet Bloc ^e	5,670	5,680	7,160	7,830	8,810	9,780
USSR	2,520	2,523	3,419	4,354	4,491	5,256
Communist China	400 ^f	376	726	807	860	900
North Vietnam ^g	23 ^h	28	6	13	15	N.A.
European Satellites	2,720	2,750	3,010	2,660	3,450	3,630
Albania	N.A.	1	8	9	10	10
Bulgaria	28 ⁱ	41	69	118	129	164
Czechoslovakia	725	779	732	659	880	984
East Germany	790 ^j	680	720	610	727	810
Hungary	123	199	276	241	334	299
Poland	954 ^j	955	1,066	855	1,165	1,155
Rumania	105	96	143	166	204	207

NATO Countries

Country	1957	1958 ^d	Country	1957	1958 ^d	Country	1957	1958 ^d
Belgium ^k	390	408	France	1,572	1,610	Turkey	356	363
Canada	125	145	Italy	862	966	UK	630	712
Denmark	366	363	Netherlands	396	435	West Germany	1,583	1,737

Other Countries

Country	1957	1958 ^d	Country	1957	1958 ^d	Country	1957	1958 ^d
Australia	1,403	1,334	Hawaii	744	907	Philippines	1,244	1,169
Cuba	5,781	5,987	India	2,254	2,268	Taiwan	930	898

^a Raw value, 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.

^b 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.

^c Average for 1935-39.

^d Preliminary estimate.

^e Data for North Korea are not available.

^f 1937.

^g Centrifugal and noncentrifugal.

^h Average for 1937-41.

ⁱ 1939.

^j Average for 1934-38.

^k Including Luxembourg.

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Table 61

Daily Food Availability per Capita
Average for Period Before World War II and Data for 1956-58
Calories Per Day

Country	Average for Period Before World War II	1957/58
NATO ^a	2,330-3,330	2,450-3,270 ^b
US	3,220	3,150
Sino-Soviet Bloc	1,760-2,900	1,980-3,150
USSR	2,900 ^c	3,100
Communist China	2,200 ^d	2,000
European Satellites	1,760-2,810	1,980-3,150
Albania	1,760 ^e	1,980
Bulgaria	2,424 ^e	2,555
Czechoslovakia	2,630 ^e	2,810
East Germany	2,813 ^f	2,755
Hungary	2,630 ^e	2,720
Poland	2,775 ^g	3,150
Rumania	2,610 ^e	2,620

NATO Countries

Country	Average for Period Before World War II	1956/57	Country	Average for Period Before World War II	1956/57
Belgium	2,935	2,915	Norway	2,970	3,170
Canada	3,010 ^h	3,140	Portugal	2,330	2,450
Denmark	3,330	3,270	Turkey	2,450 ^g	2,660 ⁱ
France	2,955	3,020	UK	3,090	3,185
Greece	2,500	2,580	West Germany	2,985	2,970
Italy	2,560	2,720			
Netherlands	2,920	2,880			

^a Excluding Iceland and Luxembourg.^b 1956/57 range for NATO, except US.^c 1938/39.^d Average for 1931-37.^e Average for 1933-37.^f Average for 1935-38.^g Average for 1934-38.^h Average for 1935-39.ⁱ Average for 1954-56.

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Table 62

Production of Cotton Yarn ^a
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	2,550	2,780	3,330	3,180	3,190	3,160 ^c	N.A.
US ^d	1,114.0	1,852.4	1,823.0	1,711.0	1,692.8	1,577.0 ^e	N.A.
Sino-Soviet Bloc ^o	1,200	N.A.	1,380	2,160	2,320	2,240	2,580
USSR	529.0	320.0	662.5	1,038.1	970.0	980.0	1,020.0
Communist China	394.0	240.0	438.0	720.0	952.0	844.0	1,107.0
North Korea	N.A.	0.5	N.A.	7.8	11.9	13.7	14.4
North Vietnam	10.0 ^f	1.0 ^g	1.2	0.2	6.8	9.5	8.7
European Satellites	268	N.A.	282	389	380	396	426
Bulgaria	11.5 ^h	N.A.	16.4	30.2	31.3	35.2	38.5
Czechoslovakia	89.0 ⁱ	N.A.	88.0	88.0	90.3	87.5	94.5
East Germany	52.9	N.A.	24.0	63.1	62.2	60.6	65.4
Hungary	20.5	N.A.	32.8	47.2	37.7	45.1	46.5
Poland	77.5 ⁱ	N.A.	92.1	115.3	115.8	123.3	134.6
Rumania	16.5	N.A.	29.2	45.6	43.0	43.8	46.0

NATO Countries

Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c
Belgium ^d	111.4	86.3	Greece ^d	21.0	N.A.	Portugal	35.3	37.0
Canada ^j	67.2	60.0	Italy	173.0	162.0	Turkey ^k	27.1	27.6
Denmark ^d	8.3	N.A.	Netherlands ^d	72.4	68.8	UK ^j	330.0	280.8
France ^d	313.0	308.4	Norway	2.5	2.4	West Germany ^d	418.0	392.8

Other Countries

Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c
India ^d	807.0	764.4	Pakistan	143.8	N.A.	Yugoslavia ^d	44.2	45.2
Japan ^d	517.0	439.2						

^a Unless otherwise indicated, data for the Free World refer to total weight of cotton yarn made for sale, including yarn spun from cotton waste and excluding mixed yarn and tire cord yarn. Data for the Sino-Soviet Bloc refer to total factory production.

^b Excluding Iceland and Luxembourg. From 1955 on, data for Turkey include only government production, which in 1952 was approximately 53 percent of total production.

^c Preliminary estimate.

^d Including mixed yarn.

^e Data for Albania are not available.

^f Average for period before World War II.

^g 1945.

^h 1939.

ⁱ 1937.

^j Including tire cord yarn.

^k Government production only.

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Table 63
Production of Woolen Yarn^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	785	1,070	1,050	1,090	1,070 ^c	N.A.
US ^d	262.2 ^e	367.4	317.0	333.0	298.0 ^c	284.4 ^e
Sino-Soviet Bloc ^g	172	223	311	323	338	342
USSR	76.6 ^e	101.6	167.5	180.0	190.0	200.0
European Satellites	95.2	122	144	143	148	142
Bulgaria	0.8 ^h	7.0	9.4	11.1	11.5	12.0
Czechoslovakia	27.0 ^e	38.0	32.0	30.0	31.0	34.8
East Germany	14.0 ⁱ	9.8	19.5	21.5	20.9	25.2
Hungary	12.2	12.1	13.4	9.8	12.1	13.2
Poland	34.2 ^e	41.9	52.0	53.0	54.7	56.4
Rumania	7.0	12.8	17.7	17.3	17.3	N.A.

NATO Countries								
Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c
Belgium	47.1	38.0	Italy	146.0	N.A.	Turkey ^k	7.4	N.A.
Canada	7.2 ^j	N.A.	Netherlands	28.5	24.6	UK ^k	243.6	224.4
France	154.0	134.4	Norway	8.0	6.5	West Germany	124.0	106.3
Greece ^k	4.8	N.A.						

Other Countries								
Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c
Australia ^k	21.9	20.9	Japan	116.0	90.8	Yugoslavia	13.1	16.7

^a Unless otherwise indicated, data for the Free World refer to the weight of woolen and worsted yarn spun for sale, including mixed yarn. Data for the Sino-Soviet Bloc refer to total factory production.

^b Excluding for all years, Iceland and Luxembourg; for 1938, Italy; and for 1957, Denmark and Portugal. Total for 1938 includes data for 1937 for the US and for 1939 for Portugal.

^c Preliminary estimate.

^d Data for 1950 exclude worsted yarn spun on systems other than woolen and worsted. Data for 1955-58 include fibers consumed on the woolen and worsted systems.

^e 1937.

^f Year of 53 weeks.

^g Data for Communist China, North Vietnam, and Albania are not available. Data for North Korea are negligible.

^h 1939.

ⁱ 1936.

^j Only worsted yarn, which is approximately one-third of the total production.

^k Excluding mixed yarn.

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Table 64
Production of Rayon Yarn and Staple^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	475	1,180	1,370	1,350	1,380	N.A.
US	131.0	572.0	571.0	521.0	517.0 ^c	434.4 ^{c,d}
Sino-Soviet Bloc ^e	52.6	164	331	358	392	422
USSR	8.6 ^{f,g}	24.2 ^f	110.5	129.0	149.0	166.0
Communist China	N.A.	0	Negl.	Negl.	Negl.	1.4
North Korea	N.A.	0	0	0	7.5	10.0
European Satellites	44.0	140	221	229	235	245
Czechoslovakia	3.4	26.0	48.1	49.0	41.3	50.1
East Germany	29.5 ^h	87.0	119.2	121.0	132.2	134.4
Hungary	N.A.	0.7	0.6	0.6	0.6	N.A.
Poland	10.2	24.0	50.4	55.3	58.4	60.5
Rumania	0.8	1.9	2.6	2.6	2.6 ⁱ	N.A.

NATO Countries

Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c	Country	1957 ^c	1958 ^c
Belgium	34.7	27.0	Italy	145.8	137.4	Turkey ^j	0.5	N.A.
Canada	33.6	N.A.	Netherlands	44.0	43.8	UK ^k	225.0	191.5
France	120.3	126.0	Norway	16.4	N.A.	West Germany	238.9	203.5
Greece ^l	1.5	N.A.	Portugal ^l	1.6	N.A.			

^a Data refer to rayon filament yarn and staple fibers where produced. Data for the Free World include production of acetate yarn and staple.

^b Excluding Denmark, Iceland, and Luxembourg.

^c Preliminary estimate.

^d Filament and rayon staple only.

^e There has been no production in North Vietnam. Data for Albania and Bulgaria are not available.

^f Including other synthetic yarns and fibers.

^g 1937.

^h 1936.

ⁱ Artificial silk fibers.

^j Filament only.

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Table 65
Production of Leather Footwear ^a
1938, 1950, and 1955-58

Country	Million Pairs					
	1938	1950	1955	1956	1957	1958
NATO ^b	629	786	879	906	874 ^c	N.A.
US ^d	348.3	464.5	514.5	522.9	528.8	N.A.
Sino-Soviet Bloc ^e	N.A.	268	372	385	424	462
USSR	192.9	203.4	274.3	289.8	315.0	356.0
Communist China	N.A.	N.A.	3.0 ^f	N.A.	N.A.	N.A.
North Korea	N.A.	N.A.	0.6	0.9	0.9	1.0
European Satellites	N.A.	64.9	93.7	94.8	108	104
Bulgaria	N.A.	0.9	1.5	1.9	2.0	2.5
Czechoslovakia	N.A.	29.7	22.5	21.8	28.0	32.4
East Germany	15.3 ^g	8.0	17.6	17.2	17.6	19.8
Hungary	3.5	6.8	14.0	10.9	14.2	15.2
Poland	2.8	10.9	24.6	27.5	30.1	34.6
Rumania	3.6	8.6	13.6	15.5	16.3	N.A.

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	9.0	9.3	Italy	45.5	N.A.	Saar	0.5	0.6 ^c
Canada	41.9	42.1 ^c	Netherlands	17.5	16.6	UK	106.3	111.0 ^c
Denmark	4.8	N.A.	Norway	3.9	N.A.	West Germany	84.9	93.4
France	69.0	72.7						

^a Unless otherwise indicated, data refer to total production of footwear with leather or mainly leather uppers and exclude slippers, rubber footwear, and footwear with fabric uppers.

^b Excluding for all years, Greece, Iceland, Luxembourg, and Turkey; for 1938, Belgium and Italy; for 1955-57, Portugal; and for 1957, Denmark, Italy, and Norway. Total for 1938 includes data for 1937 for the UK.

^c Preliminary estimate.

^d All footwear except slippers.

^e There has been little or no production in North Vietnam. Data for Albania are not available.

^f 1953.

^g 1936.

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Table 66
Production of Sulfuric Acid ^a
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	10,600	13,100	20,000	25,400	26,200	25,900	N.A.
US	3,799	8,349	11,820	14,296	14,358	14,701	14,381
Sino-Soviet Bloc ^c	2,990	1,300	3,290	5,870	6,670	7,280	7,820
USSR	1,544	725	2,125	3,798	4,323	4,600	4,800
Communist China	165	N.A.	80	388	500	620	740
North Korea	380 ^d	108	165 ^e	28	110	197	245
European Satellites	899	465	918	1,660	1,740	1,860	2,030
Bulgaria	0	0	0	19	29	40	76
Czechoslovakia	180	192 ^f	240	383	422	445	463
East Germany	447	125	280	592	611	640	650
Hungary	40	N.A.	62	124	102	120	130
Poland	189	124	285	450	482	499	573
Rumania	43	23	52	92	95	120	139

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	1,116	1,073	Greece	88	106	Portugal	268	245
Canada	943	N.A.	Italy	2,046	2,052	Turkey	22	22
Denmark	188	191	Netherlands	710	700	UK	2,282	2,374
France	1,535	1,600	Norway	97	91	West Germany	2,531	2,723

Other Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Finland	154	163	Spain	859	980	Switzerland	128	125
India	168	199	Sweden	399	422	Yugoslavia	107	124
Japan	3,695	3,932						

^a 100-percent acid basis.

^b Excluding for all years, Iceland and Luxembourg, and for 1957, Canada. Including quantities not commercialized but used on the spot for production of other products.

^c There has been little or no production in North Vietnam and Albania.

^d 1940.

^e First half year.

^f 1947.

25900
14701

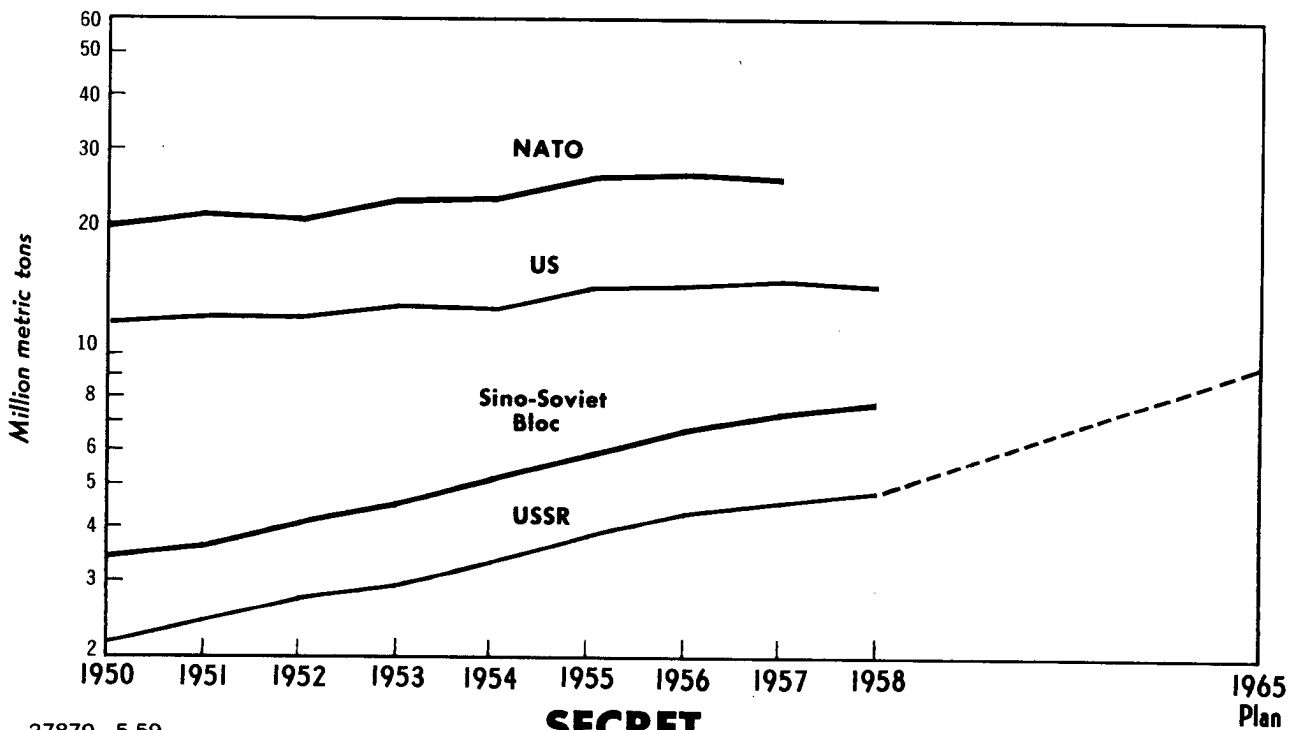
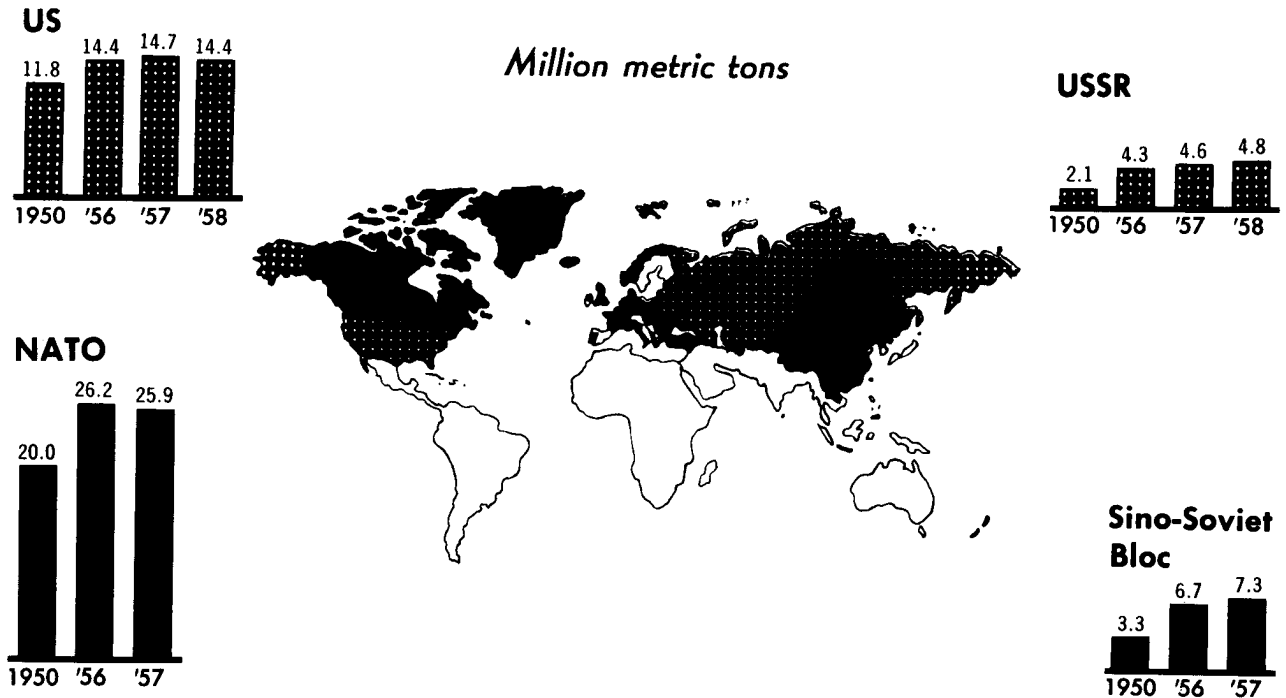
11199
14381

25580

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Figure 13

COMPARISON OF PRODUCTION OF SULFURIC ACID IN SELECTED AREAS SELECTED YEARS, 1950-1958, AND 1965 PLAN



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MANUFACTURED ITEMS

Table 67
Production of Synthetic Ammonia *
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	489	1,090	2,880	4,670	4,870	5,360	N.A.
US	232.0	542.0	1,170.0	2,363.0	2,524.0	2,772.0	2,858.9
Sino-Soviet Bloc ^c	776	340	759	1,250	1,450	1,650	1,970
USSR	275.5 ^d	225.4	368.5	619.3	701.6	795.4	901.5
Communist China	N.A.	N.A.	13.2	68.0	105.0	123.0	200.0
North Korea	122.0 ^d	30.8	46.0 ^e	5.6	29.9	55.4	94.3
European Satellites	379	83.6	332	558	617	676	778
Bulgaria	0	0	0	34.1	37.2	47.6	61.2
Czechoslovakia	21.0	21.3 ^f	30.0	42.0	51.1	57.0	80.0
East Germany	320.0	62.4	241.7	335.1	343.1	346.2	355.2
Hungary	5.4	N.A.	12.0	10.0	9.0	16.0	34.0
Poland	31.7	N.A.	46.0	137.0	167.0	196.0	230.0
Rumania	0.8	N.A.	2.1	N.A.	9.3	12.7	17.2

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	236.0	234.0	Italy	399.0	399.0	West Germany	869.0	1,054.0
France	462.0	521.0	Netherlands	380.0	380.0			

* Stated in terms of nitrogen content. To convert to actual production of synthetic ammonia, multiply by 1.2158.

^b Including for all years, France, Italy, and the US; except for 1938 and 1946, Belgium, the Netherlands, and West Germany; for 1950 and 1955, Norway; and for 1946 and 1950, the UK.

^c There has been no production in North Vietnam and Albania.

^d 1940.

^e First half year.

^f 1947.

5 360
 - 2 772

 2 588
 2 858 9

 5 446,9

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MANUFACTURED ITEMS

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Table 68
Production of Nitric Acid ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	628	2,180	3,910	3,970	3,610	N.A.
US ^c	160 ^d	1,212	2,352	2,352	2,559	2,448
Sino-Soviet Bloc ^e	375	1,280	2,400	2,750	3,120	3,730
USSR	150 ^d	892	1,498	1,697	1,923	2,179
Communist China	N.A.	9	69	101	110	200
North Korea	N.A.	14	0	0	0	65
European Satellites	225	365	828	948	1,090	1,290
Bulgaria	0	0	115	114	143	184
Czechoslovakia	36	45	94	137	160	186
East Germany	164	184	276	286	290	300
Hungary	15	32	30	28	50	100
Poland	9	104	304	354	413	480
Rumania	Negl.	N.A.	9	29	32	39

NATO Countries					
Country	1956	1957	Country	1956	1957
Canada	208	N.A.	Greece	N.A.	1
France	941	1,052	Italy	451	N.A.
			Norway	18	N.A.
			Portugal	Negl.	1

Other Countries				
Country	1956	1957	Country	1956
Japan	94	91	Sweden	70
				87

^a 100-percent nitric acid.

^b Including for all years, France, Portugal, and the US; except for 1938, 1950, and 1957, Canada; except for 1956, Greece; except for 1957, Italy and Norway; and for 1950 only, the UK. Total for 1938 includes data for 1937 for the US.

^c From 1955 on, data include production from government-owned but privately operated plants.

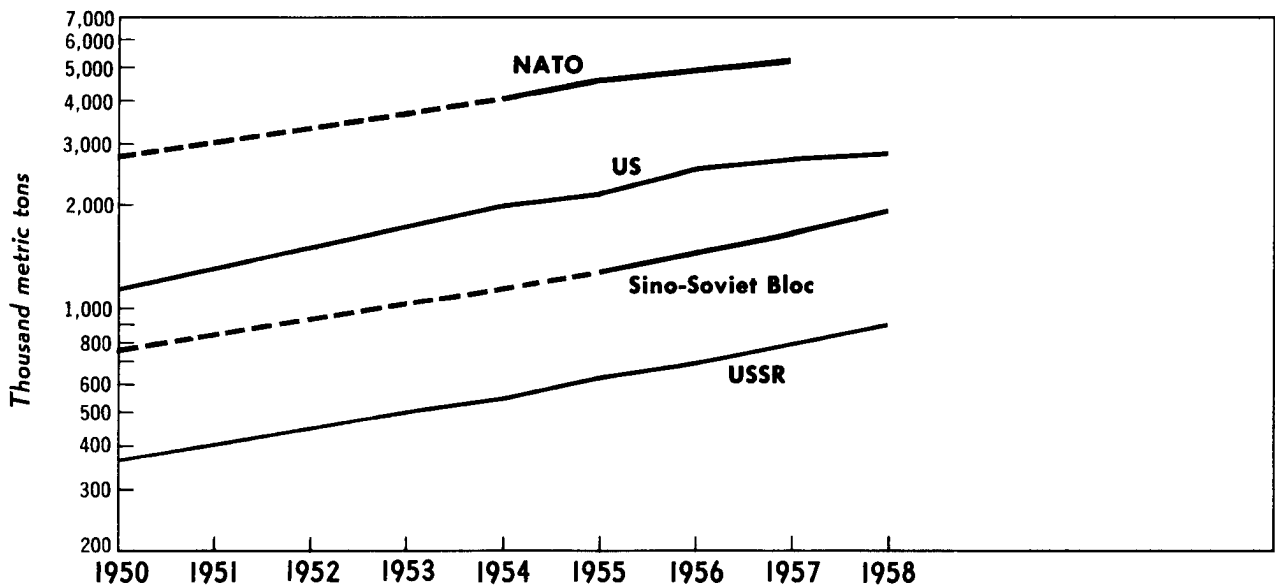
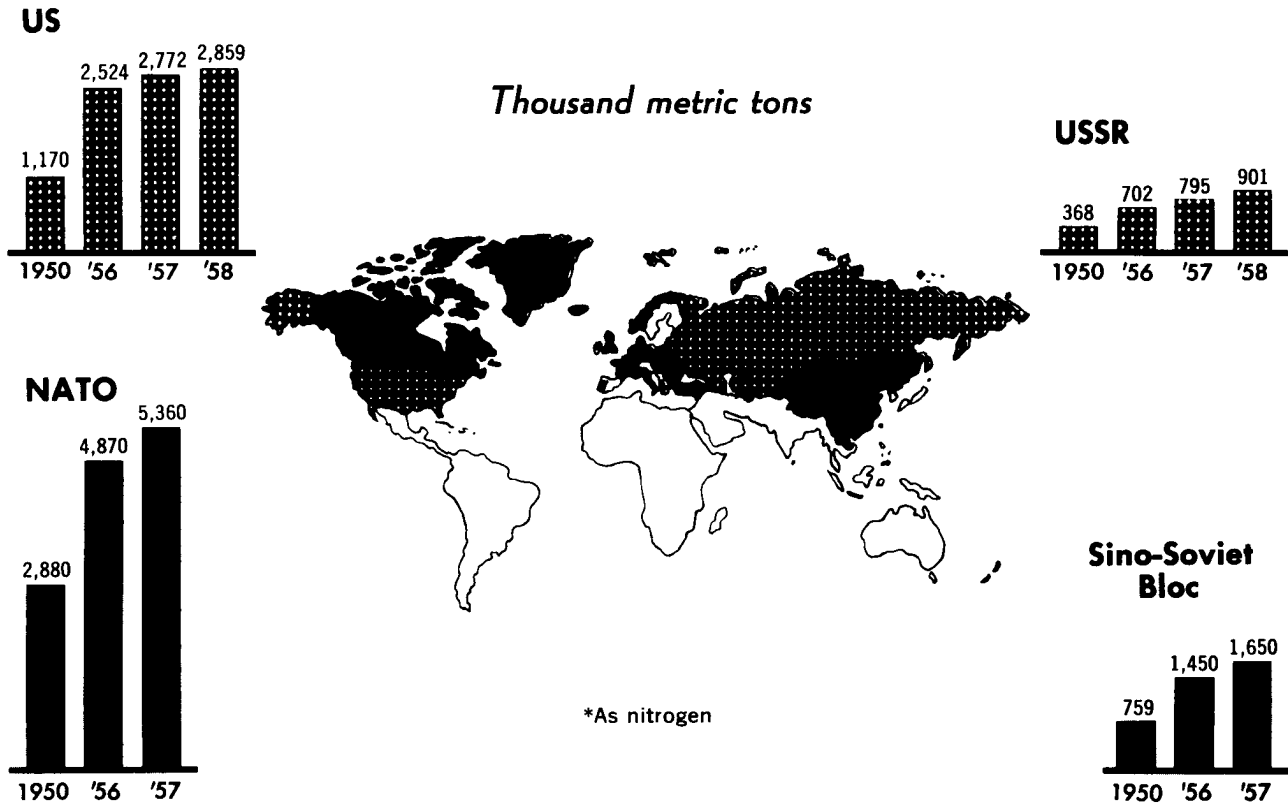
^d 1937.

^e There has been no production in North Vietnam and Albania.

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Figure 14

**COMPARISON OF PRODUCTION OF SYNTHETIC AMMONIA*
IN SELECTED AREAS
SELECTED YEARS, 1950-58**



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MANUFACTURED ITEMS

Table 69
Production of Soda Ash
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	3,830	5,450	6,660	6,350	6,050	N.A.
US ^b	2,564.0 ^c	3,621.0	4,452.0	4,534.0	4,226.0	3,926.7
Sino-Soviet Bloc ^d	1,380	1,260	2,730	2,970	3,130	3,520
USSR ^e	542.7	748.6	1,437.1	1,545.0	1,618.0	1,694.0
Communist China	103.0 ^f	135.0	405.0	485.0	490.0	630.0
European Satellites	730	372	883	940	1,030	1,200
Bulgaria	0	0	70.5	81.6	90.0	94.0
Czechoslovakia	132.0	96.5	96.5	96.5	96.5	100.0
East Germany	496.0	103.3	458.5	500.6	530.7	553.0
Poland	85.7	133.4	206.6	211.0	224.0	362.0
Rumania	16.0	38.8	51.0	50.6	85.0	90.0

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
France	781.0	825.7	Portugal	19.3	11.0	West Germany	996.0	988.9
Norway	19.2	N.A.						

Other Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
India	85.6	93.4	Spain ^h	128.0	126.7	Yugoslavia ^b	68.5	72.2
Japan ^k	755.0	767.9						

^a Including for all years, France, Portugal, the US, and West Germany; except for 1956-57, Italy; and except for 1938 and 1957, Norway. Total for 1938 includes data for 1936 for West Germany and data for 1939 for the US. Unless otherwise indicated, data refer to total production (100-percent basis) of soda ash (sodium carbonate—Na₂CO₃), excluding, as far as possible, natural sodium carbonate and sodium bicarbonate.

^b 98- to 100-percent basis.

^c 1939.

^d 100-percent basis, except the data for USSR, which are 95-percent basis. There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^e 95-percent basis.

^f 1940.

^g Finished soda ash made for sale plus crude soda ash consumed by producers in the manufacture of caustic soda.

^h 99-percent basis.

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MANUFACTURED ITEMS

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Table 70
Production of Caustic Soda^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^b	1,310 ^c	3,180	4,890	5,260	5,360	N.A.
US	879.0 ^d	2,278.0	3,552.0	3,826.0	3,945.0	3,678.6
Sino-Soviet Bloc ^e	471	630	1,180	1,310	1,400	1,550
USSR ^f	176.6	324.8	563.4	631.0	680.0	720.0
Communist China	25.0	20.0	137.0	156.0	162.0	210.0
North Korea	N.A.	N.A.	3.4	6.1	9.3	14.0
European Satellites	269	286	476	521	550	602
Bulgaria	Negl. ^g	0.1	2.4	10.7	11.5	13.1
Czechoslovakia	27.0 ^h	51.5	82.1	83.0	86.0	93.0
East Germany	195.0	149.8	256.9	274.8	276.8	296.4
Hungary	3.7	6.1	11.7	10.0	11.5	17.0
Poland	29.8	62.8	99.6	119.0	131.0	145.0
Rumania	13.8	15.3	23.5	24.0	33.0	38.0

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada	232.0	237.0	Greece	N.A.	0.8	Portugal ^k	11.6	N.A.
Denmark	2.2 ^l	N.A.	Italy	282.0	282.0	Turkey ^l	0.9	0.7
France ^l	274.0	243.0	Norway ^l	36.0	N.A.	West Germany ^l	594.0	648.0

Other Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Austria	50.8	53.5	Japan	626.0	677.0	Sweden	111.0	122.0
India ^l	40.0	43.3	Spain	112.0	121.0	Yugoslavia ^l	42.0	43.5

^a Unless otherwise indicated, 100-percent basis.

^b Excluding for all years, Belgium, Iceland, Luxembourg, the Netherlands, and the UK; for 1957, Denmark, Norway, and Portugal; and for 1956, Greece.

^c Including for 1938, France and Italy; for 1937, Greece and the US; and for 1936, West Germany.

^d 1937, excluding production in the soap, paper, and pulp industries.

^e There has been no production in North Vietnam and Albania.

^f 92-percent basis.

^g 1939.

^h 1937.

ⁱ Total production of caustic soda.

^j Solid soda only (about two-thirds of total production).

^k 97- to 98-percent basis.

^l 96- to 98-percent basis.

5360
3945

1415
3678.6

5093.6

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MANUFACTURED ITEMS

Table 71
Production of Chlorine
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	696	2,270	3,800	4,220	4,280	N.A.
US	467.0 ^b	1,891.0	3,092.0	3,445.0	3,554.0	3,265.6
Sino-Soviet Bloc ^c	344	402	640	702	753	813
USSR	89.0 ^d	187.0	322.0	361.0	390.0	410.0
Communist China	6.0	12.0	37.0	41.0	46.0	52.0
North Korea	N.A.	14.8 ^e	3.0	5.3	8.1	12.4
European Satellites	250	188	278	294	309	338
Czechoslovakia	14.0	31.0	45.5	47.0	59.0	60.0
East Germany	226.0 ^b	142.0	210.7	214.9	208.0	218.6
Hungary	2.5	4.9	8.7	8.0	8.5	12.0
Poland	4.0	5.1	8.1	19.5	27.4	37.2
Rumania	3.0	5.0 ^f	5.0	5.0	5.7	10.5

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
France	182.0	211.0	Italy	127.0	N.A.	West Germany	462.0	520.0

^a Including for all years, France, the US, and West Germany; except for 1957, Italy; except for 1950 and 1955, Norway; and for 1950 only, Turkey. Total for 1938 includes data for 1939 for the US.

^b 1939.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^d 1940.

^e 1949.

^f 1951.

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MANUFACTURED ITEMS

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Table 72
Production of Calcium Carbide
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	899	1,760	2,320	2,520	2,550	N.A.
US	N.A.	609.2	793.7	929.5	921.9	819.2
Sino-Soviet Bloc ^b	589	1,190	1,640	1,730	1,840	1,990
USSR	80.0	233.0	410.0	445.0	480.0	515.0
Communist China	5.0 ^c	6.0	30.0	33.0	60.0	87.0
North Korea	N.A.	95.0 ^d	68.0	99.0	143.0	150.0
European Satellites	504	854	1,130	1,150	1,160	1,240
Bulgaria	0.4 ^e	3.0	8.9	10.9	10.7	13.9
Czechoslovakia	35.5 ^f	55.5	75.8	83.5	91.0	93.7
East Germany	390.0 ^e	606.2	793.0	801.7	799.1	830.7
Hungary	5.8	8.5	10.5	9.5	10.0	11.0
Poland	67.1	172.0	211.3	213.3	210.0	251.5
Rumania	5.5	9.0	27.5	30.0	36.0	39.0

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
France	265.0	283.0	Norway	42.1	N.A.	UK	135.0	141.6
Italy	260.4	239.7	Portugal	6.0	5.0	West Germany	881.0	960.0

^a Including for all years, France, Italy, and West Germany; except for 1938, Portugal, the UK, and the US; and except for 1957, Norway.

^b There has been no production in North Vietnam and Albania.

^c 1936.

^d First half year.

^e 1939.

^f 1937.

Table 73
Production of Refined Benzol in the US and the Sino-Soviet Bloc
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
US	N.A.	882.3 ^a	1,020.9	1,117.6	1,100.8	N.A.
Sino-Soviet Bloc ^b	239	337	543	573	601	630
USSR	173.0 ^c	224.0	347.0	370.0	386.0	401.0
Communist China	N.A.	8.0	36.0	36.0	44.0	51.0
European Satellites	65.8	105	160	167	171	178
Czechoslovakia	28.6 ^d	42.5	57.0	59.7	61.5	63.5
East Germany	9.5	8.5	11.9	12.1	11.0	11.4
Hungary	0	0.3	0.5	0.5	0.5	1.4
Poland	27.1	53.4	89.0	93.2	97.0	99.0
Rumania	0.6	0.6	1.2	1.2	1.2	2.6

^a 1951.

^b There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^c 1940.

^d 1937.

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MANUFACTURED ITEMS

Table 74
Production of Toluol in the US and the Sino-Soviet Bloc
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
US	N.A.	333.1 ^a	609.2	570.1	648.8	N.A.
Sino-Soviet Bloc ^b	76.4	97.6	141	149	155	161
USSR	64.0 ^c	77.0	107.0	113.0	117.0	121.0
Communist China	N.A.	1.0	4.2	4.3	5.1	6.1
European Satellites	12.4	19.6	29.9	31.4	32.5	33.8
Czechoslovakia	5.3 ^d	7.8	10.5	11.0	11.5	12.0
East Germany	2.4	2.5	3.8	4.1	4.1	4.2
Hungary	0	0.1	0.2	0.2	0.2	0.2
Poland	4.6	9.0	15.1	15.8	16.4	16.7
Rumania	0.2	0.2	0.3	0.3	0.3	0.6

^a 1951.^b There has been no production in countries of the Sino-Soviet Bloc that are not listed.^c 1940.^d 1937.

Table 75
Production of Refined Phenol^a in the US and the Sino-Soviet Bloc
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
US	N.A.	176.2 ^b	234.4	249.1	252.3	N.A.
Sino-Soviet Bloc ^c	20.8	32.4	74.9	95.4	105	119
USSR	19.1 ^d	21.2	48.8	66.5	72.1	82.7
Communist China	N.A.	0.2	0.8	0.8	0.9	1.1
European Satellites	1.8	11.0	25.3	28.2	32.3	34.8
Czechoslovakia	1.3 ^e	4.3	6.7	7.0	7.6	8.3
East Germany	N.A.	5.2	12.7	14.9	15.4	15.9
Hungary	N.A.	0.2	0.5	0.6	0.6	0.7
Poland	0.4	0.9	5.0	5.3	8.3	9.3
Rumania	0	0.4	0.4	0.4	0.4	0.6

^a Synthetic and natural.^b 1951.^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.^d 1940.^e 1937.

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MANUFACTURED ITEMS

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Table 76
Production of Mineral Fertilizers ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons ^b					
	1938	1950	1955	1956	1957	1958
NATO ^c	5,340 ^d	9,500	14,200	14,600	15,300	N.A.
US	1,148 ^d	3,977	5,792	5,943	6,081	6,109
Sino-Soviet Bloc ^e	2,540	3,140	4,850	5,300	5,690	6,190
USSR	737	1,235	2,294	2,606	2,783	2,941
Communist China	45 ^f	16	85	132	158	257
North Korea	N.A.	N.A.	16	39	65	102
European Satellites	1,760	1,890	2,450	2,520	2,680	2,890
Bulgaria	0	0	30	33	55	68
Czechoslovakia	86 ^g	94	159	172	184	225
East Germany	1,569	1,592	1,930	1,968	2,038	2,116
Hungary	15	40	36	34	45	68
Poland	86	160	286	299	340	381
Rumania	2	1	12	15	22	28

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	531	554	Iceland	7	7	Portugal	92	98
Canada	322	333	Italy	799	800	Saar	86	90
Denmark	86	80	Luxembourg	115	122	Turkey	11	11
France	2,293	2,436	Netherlands	448	499	UK	679	691
Greece	37	34	Norway	224	274	West Germany	2,916	3,188

^a Including nitrogen fertilizers (in terms of nitrogen), phosphorous fertilizers (in terms of phosphoric anhydride), and potassium fertilizers (in terms of potassium oxide).

^b Tonnages given refer to the nutrients expressed as nitrogen, phosphoric anhydride, and potassium oxide.

^c Including the following countries for the various types of fertilizers: (1) nitrogen: all NATO countries except, for all years, Denmark, Greece, Iceland, and Luxembourg, and for 1939 and 1950, Portugal; (2) phosphorus: all NATO countries except, for all years, Iceland, and for 1939, Turkey; and (3) potassium: for all years, only France, the US, and West Germany; except for 1939, Italy; and except for 1939 and 1950, the Netherlands. All NATO data are for the year ending on 30 June.

^d 1939.

^e There has been no production in North Vietnam and Albania.

^f 1941.

^g 1937.

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MANUFACTURED ITEMS

Table 77
Production of Synthetic Rubber
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
NATO ^a	6.0	543	1,100	1,230	1,280	1,210
US	1.0	483.8	986.0	1,096.9	1,136.1	1,069.7
Sino-Soviet Bloc ^b	N.A.	182	311	308	345	384
USSR	N.A.	143.0	240.0	235.0	270.0	300.0
European Satellites	4.8	39.4	71.3	73.1	74.9	84.4
Czechoslovakia	N.A.	0.4	0.6	0.6	0.6	0.6
East Germany	4.8	39.0	70.7	72.5	74.3	83.8

NATO Countries

Country	1957	1958	Country	1957	1958
Canada	134.3	137.2	West Germany	11.8	N.A.

^a Including for all years, Canada and the US, and except for 1958, West Germany. Total for 1938 includes all Germany. Data refer to copolymers of butadiene with styrene and acrylonitrile and to neoprene and butyl rubber. Latices are included.

^b There has been no production in countries of the Sino-Soviet Bloc that are not listed.

Table 78
Production of Rubber Tires
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
NATO ^a	N.A.	N.A.	134,000	121,000	128,000	119,000
US ^b	40,907	92,754	112,178	100,382	106,941	96,563
Sino-Soviet Bloc ^c	N.A.	9,710	14,500	16,500	18,600	20,900
USSR ^d	3,595	7,401	10,190	11,300	12,800	14,400
Communist China	75 ^e	62	593	783	873	1,000
European Satellites	N.A.	2,250	3,710	4,420	4,950	5,490
Bulgaria	3 ^f	38	72	102	114	125
Czechoslovakia	N.A.	1,390	1,550	1,750	1,939	2,000
East Germany	313	394	1,225	1,480	1,452	1,626
Hungary	N.A.	104	245	240	300	310
Poland	0	215	425	646	937	1,205
Rumania	N.A.	105	195	200	210	220

NATO Countries

Country	1957	1958	Country	1957	1958
Canada ^g	7,868	7,800	UK	13,158	14,761

^a Including Canada, the UK, and the US.

^b Including tires for passenger cars, trucks, and buses but excluding tires for motorcycles.

^c Unless otherwise indicated, data refer to motor vehicle tires. There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^d Believed to include all categories of tires except bicycle and possibly aircraft.

^e 1943.

^f 1939.

^g Including a small number of imported tires.

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MANUFACTURED ITEMS

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Table 79

Production of Electric Motors in the Sino-Soviet Bloc ^a
1938, 1950, and 1955-58

Country	Thousand Kilowatts					
	1938	1950	1955	1956	1957	1958
Sino-Soviet Bloc ^b	3,480	10,200	15,800	17,600	20,800	24,500
USSR	1,833 ^c	6,780	8,819	9,754	11,691	14,380
Communist China	N.A.	N.A.	1,000	1,069	1,370	1,430
European Satellites	1,640	3,370	5,980	6,800	7,780	8,690
Bulgaria	0 ^d	65	114	105	198	230
Czechoslovakia ^e	380 ^c	1,327	1,180	1,407	1,497	1,593
East Germany	1,000 ^f	1,140	2,150	2,400	2,700	3,000
Hungary	60	352	1,180	1,320	1,470	1,650
Poland	200 ^d	392	1,212	1,400	1,640	1,900
Rumania	2	94	147	172	275	315

^a Unless otherwise indicated, all sizes, including alternating and direct current.

^b There has been little or no production in countries of the Sino-Soviet Bloc that are not listed.

^c 1937.

^d 1939.

^e Alternating current only.

^f 1936.

Table 80

Production of Electric Generators in the US and the Sino-Soviet Bloc ^a
1938, 1950, and 1955-58

Country	Thousand Kilowatts					
	1938	1950	1955	1956	1957	1958
US ^b	N.A.	6,788	10,584	9,128	14,256	17,833
Sino-Soviet Bloc ^c	779	1,730	6,010	7,280	8,130	8,380
USSR	561 ^d	934	4,526	5,184	5,558	5,200
Communist China	N.A.	N.A.	108	281	340	420
European Satellites	218	794	1,970	1,810	2,240	2,760
Bulgaria	0	0	10	1	0	10
Czechoslovakia ^e	163 ^d	506	1,179	808	1,004	1,248
East Germany	35 ^f	50	500	650	800	950
Hungary	20	230	225	250	300	350
Poland	Negl.	Negl.	12	50	75	140
Rumania	Negl.	8	46	52	56	62

^a Unless otherwise indicated, all sizes, including alternating and direct current.

^b Units of 4,000 kilowatts and larger.

^c There has been little or no production in countries of the Sino-Soviet Bloc that are not listed.

^d 1939.

^e Alternating current only.

^f 1936.

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Table 81
Production of Electron Tubes in the US and the Sino-Soviet Bloc
1938, 1950, and 1955-58

Country	Million Units					
	1938	1950	1955	1956	1957	1958
US ^a	74.7	383.0	479.8	464.2	456.4	397.4
Sino-Soviet Bloc ^b	11.8	33.2	104	121	137	165
USSR	7.0 ^c	25.2	76.6	89.6	98.0	110.0
Communist China	Negl.	Negl.	0.3	0.5	5.0	12.0
European Satellites	4.8	8.0	27.6	31.0	34.2	43.2
Czechoslovakia	2.4	2.7	6.7	8.3	9.3	10.6
East Germany	N.A.	2.7	9.5	10.0	12.6	16.2
Hungary	2.4	2.6	8.6	8.7	7.0	9.5
Poland	Negl.	Negl.	2.6	3.5	4.6	5.9
Rumania	Negl.	Negl.	0.2	0.5	0.7	1.0

^a Including only those tubes manufactured for civilian use.

^b There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^c 1940.

Table 82
Production of Radio Receivers ^a
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
NATO ^b	9,500	20,300	21,800	21,700	23,300	N.A.
US	7,142	14,590	14,529	13,982	15,428	12,507
Sino-Soviet Bloc ^c	873	1,900	5,400	5,790	6,200	7,620
USSR	160 ^d	1,071	3,529	3,675	3,800	3,900
Communist China	0	Negl.	50	190	360	1,300
European Satellites	713	832	1,820	1,920	2,240	2,420
Bulgaria	Negl.	8	66	92	108	132
Czechoslovakia	144 ^e	293	102	221	255	303
East Germany	410 ^f	277	725	653	664	609
Hungary	N.A.	99	377	352	453	452
Poland	159 ^g	116	461	499	646	790
Rumania	N.A.	40	89	104	113	139

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada ^h	709	722	France	1,561	1,751	West Germany	3,665	3,548
Denmark	83	N.A.	UK	1,680	1,836			

^a Civilian radio receivers, including radio-phonograph combinations.

^b Including for all years, Canada, the UK, and the US; except for 1938, France and West Germany; except for 1957, Denmark; and except for 1956-57, Norway. Total for 1938 includes data for 1937 for the UK.

^c There has been little or no production in countries of the Sino-Soviet Bloc that are not listed.

^d 1940.

^e 1937.

^f 1936.

^g Producer sales.

23300
15428

7872
12507

20379

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9860
6399

3461
4720

321

Table 83
Production of Television Receivers
1938, 1950, and 1955-58

Country	1938	1950	1955	1956	1957	1958
NATO ^a	6	8,040	10,800	10,300	9,860	N.A.
US	3 ^b	7,464	7,757	7,387	6,399	4,920
Sino-Soviet Bloc ^c	Negl. ^d	12	551	690	910	1,410
USSR	Negl. ^d	12	495	590	700	1,000
European Satellites	N.A.	N.A.	56	100	210	408
Czechoslovakia	N.A.	Negl.	17	40	79	134
East Germany	N.A.	Negl.	39	55	109	180
Hungary	N.A.	N.A.	Negl.	2	6	37
Poland	N.A.	N.A.	Negl.	2	16	57

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada	598	457	France	257	349	West Germany	527	783
Denmark	46	N.A.	UK	1,457	1,867			

^a Including for all years, Canada, France, the UK and the US; except for 1957, Denmark; and except for 1950, West Germany. Total for 1938 only includes data for 1937 for the UK and data for 1939 for the US.

^b 1939.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^d Production in the USSR in 1940 was approximately 300 units.

Table 84

Production of Metalcutting Machine Tools in the Sino-Soviet Bloc
1950 and 1955-58

Country	1950	1955	1956	1957	1958
Sino-Soviet Bloc ^a	105	186	207	226	257
USSR	70.60	117.09	121.30	130.00	138.00
Communist China	15.82 ^b	13.70	25.93	28.30	50.00
North Korea	N.A.	N.A.	N.A.	1.02	1.45
European Satellites	N.A.	54.8	60.0	66.2	67.1
Bulgaria	0.90	1.40	1.06	1.67	2.00
Czechoslovakia	N.A.	18.49	19.02	22.67	22.12
East Germany	13.58	16.21	18.57	17.55	18.00
Hungary	3.45	5.28	5.35	6.00	5.50
Poland	N.A.	12.72	15.14	17.42	18.50
Rumania	0.18	0.71	0.82	0.88	1.00

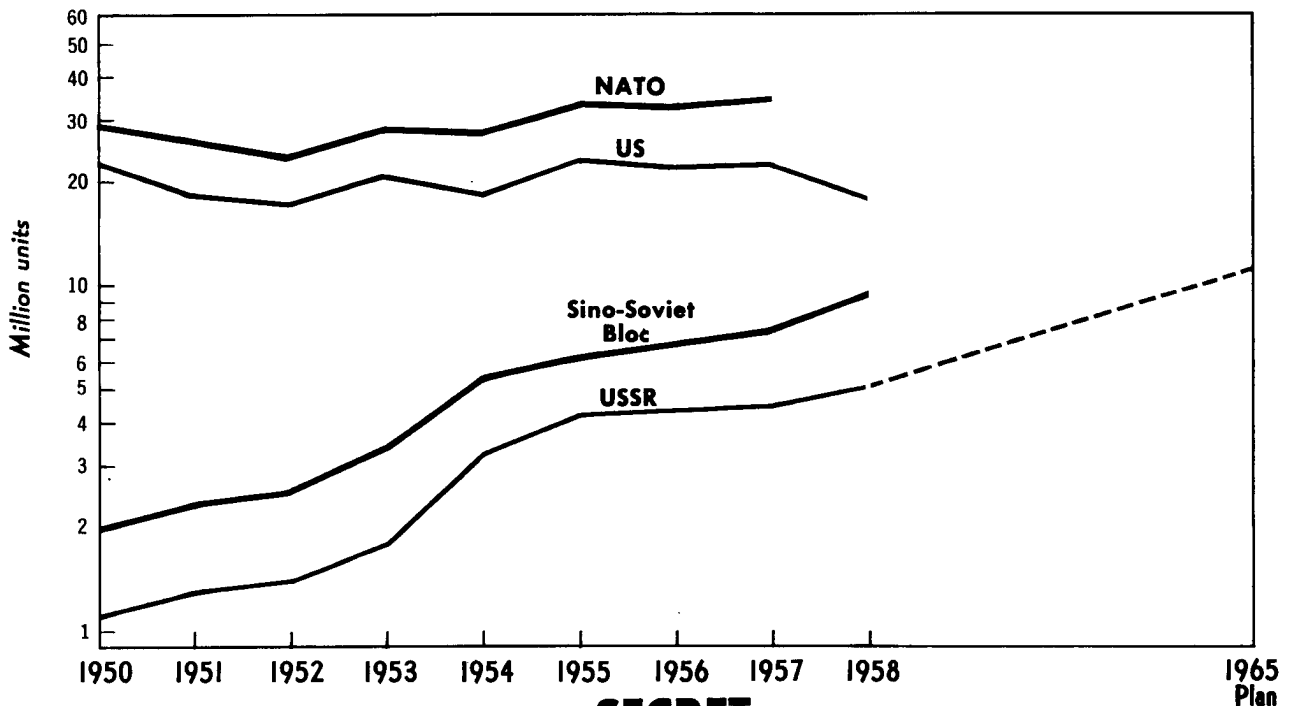
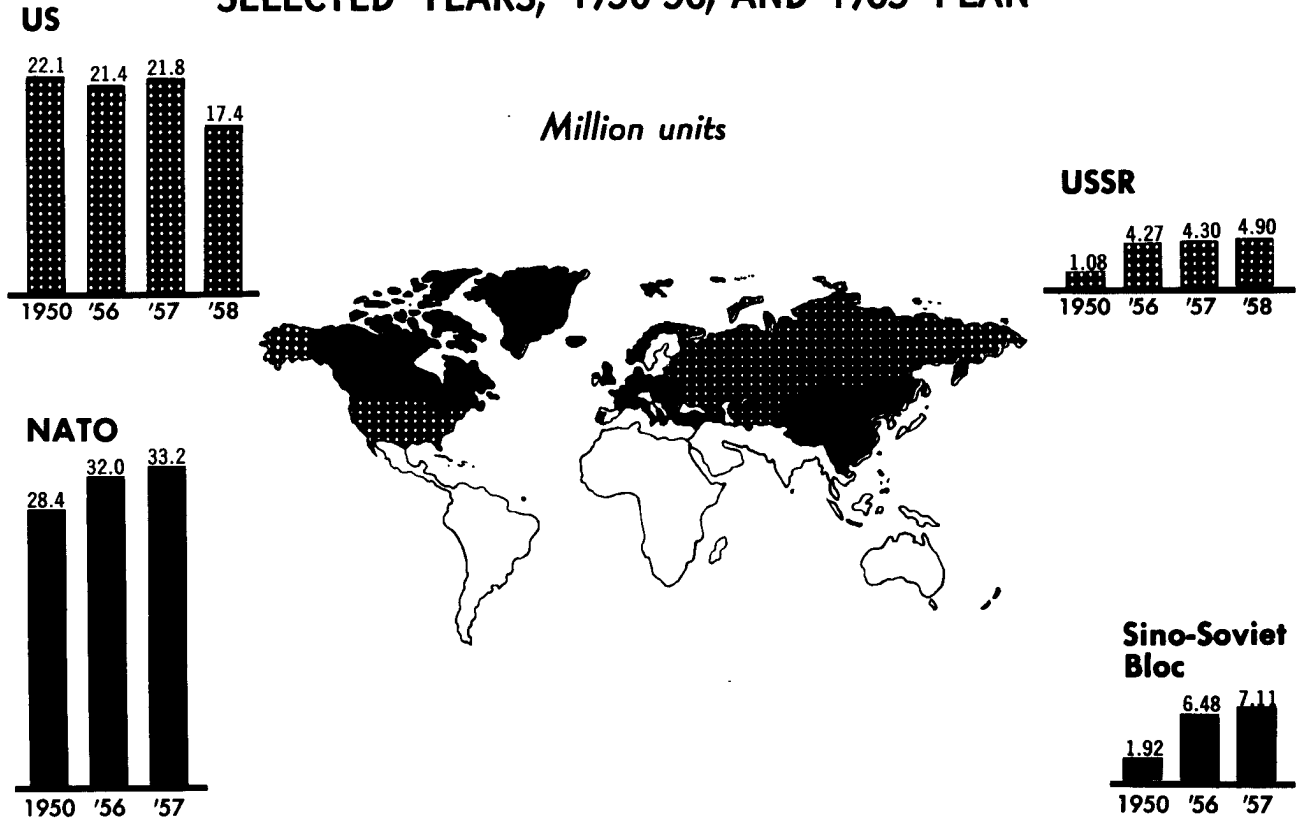
^a There has been no production in North Vietnam and Albania.

^b 1949.

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Figure 15

**COMPARISON OF PRODUCTION OF RADIO RECEIVERS
AND TELEVISION RECEIVERS IN SELECTED AREAS
SELECTED YEARS, 1950-58, AND 1965 PLAN**



27872 5-59

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Table 85

Production of Metalforming Machinery in the US and the USSR
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
US	N.A.	29.6	37.3 ^a	42.6 ^a	39.8 ^a	N.A.
USSR	3.6	9.0	19.4	20.5	24.0	24.6

^a Minimum estimates, based on shipments of the following items: presses (including forging), forging machines (except presses), punching and shearing machines (power), bending and forming machines (power), and riveting machines (except hand-held portable types).

Table 86

Production of Antifriction Bearings in the Sino-Soviet Bloc
1938, 1950, and 1955-58

Country	Million Units					
	1938	1950	1955	1956	1957	1958
Sino-Soviet Bloc ^a	47.8	104	252	312	352	379
USSR	42.5	93.3	218.0	263.0	296.0	325.0
Communist China	N.A.	N.A.	N.A.	4.4	6.0	13.3
European Satellites	5.3	10.4	33.5	44.3	50.5	N.A.
Czechoslovakia	Negl.	5.9	14.3	18.0	22.7	27.1
East Germany	5.3	3.9	14.2	17.4	17.3	N.A.
Hungary	N.A.	N.A.	N.A.	2.2	2.8	3.5
Poland	N.A.	0.4 ^b	3.3	4.6	5.4	6.9
Rumania	Negl.	0.2	1.7	2.1	2.3	2.8

^a There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^b 1949.

Table 87

Production of Metallurgical Equipment in the Sino-Soviet Bloc ^a
1938, 1950, and 1955-58

Country	Thousand Metric Tons					
	1938	1950	1955	1956	1957	1958
Sino-Soviet Bloc	17	152	257	251	210	229
USSR	17.0	111.2	172.1	177.0	164.0	173.0
Communist China	N.A.	N.A.	N.A.	N.A.	13.0	30.0
European Satellites	N.A.	41.1	84.4	73.8	N.A.	N.A.
Czechoslovakia	N.A.	20.3	37.3	29.5	N.A.	N.A.
East Germany ^b	0	17.2	24.3	27.8	22.1	13.6
Poland	N.A.	3.6 ^c	22.9	16.5	10.6	12.0

^a There has been no production in countries of the Sino-Soviet Bloc that are not listed. Rumania reports no production, although evidence exists of some production of auxiliary equipment (cranes, blowers, and certain smelting furnace equipment). Rumania continues to be dependent on the USSR for imports of major types of equipment. Similarly, Hungary reports no production and is dependent on the USSR for major equipment needs, although limited production of equipment used in metallurgical plants has been reported.

^b Production of rolling mill machinery; no data are available for production of other types of metallurgical equipment.

^c 1949.

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MANUFACTURED ITEMS

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Table 88
Production of Grain Combines^a
1938, 1950, and 1955-58

Country	Units					
	1938	1950	1955	1956	1957	1958
UK	0	4,325	6,209	5,088	6,883	6,553
US	48,046	116,137	63,739	42,233	44,704	N.A.
Sino-Soviet Bloc ^b	22,900	46,400	51,200	86,400	136,000	74,100
USSR	22,900	46,338	48,012	81,800	131,100	65,000
Communist China	0	0	2	20 ^c	124	545
European Satellites	0	16	3,200	4,610	4,960	8,520
Bulgaria	0	1	300	600	1,309	1,600
Czechoslovakia ^d	0	0	5	420 ^c	N.A.	N.A.
East Germany	0	0	1,053	1,354	422	N.A.
Hungary	0	5	1,535	1,474	511	1,000
Poland	0	0	300	662	419	23
Rumania	0	10	2	100	2,300	5,901

^a Tractor-drawn and self-propelled.

^b There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^c Plan.

^d Czechoslovakia is ceasing production of grain combines (may have done so already by 1958) and is depending on imports from Hungary, from which 1,000 units were to be received in 1958. The original plan called for production of 7,000 grain combines by Czechoslovakia in the period 1957-60.

Table 89
Production of Tractors
1938, 1946, 1950, and 1955-58

Country	Thousand Units						
	1938	1946	1950	1955	1956	1957	1958
NATO ^a	241	319	739	753	625	654	N.A.
US ^b	205.7	252.2	544.5	379.5	278.0	267.9	258.2
Sino-Soviet Bloc ^c	53.9	19.9	136	200	225	243	258
USSR	51.0 ^d	13.3	108.8	163.4	184.0	204.0	220.0
Communist China	0	0	0	0	0	Negl.	1.7 ^e
North Korea	0	0	0	0	0	0	Negl.
European Satellites	2.9	6.6	27.2	36.6	40.6	38.8	36.0
Czechoslovakia	0.2 ^d	5.6 ^f	10.4	12.6	18.0	21.2	24.6
East Germany	N.A.	N.A.	5.2	7.8	7.0	3.9	N.A.
Hungary	0.7 ^d	0.4 ^f	4.1	4.7	2.9	1.3	N.A.
Poland	0	0.2 ^f	4.0	8.0	8.5	6.9	4.4
Rumania	2.0	0.4 ^f	3.5	3.5	4.2	5.5	7.0

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
France	79.4	93.4	UK	111.0	147.1	West Germany	134.4	118.0
Italy	22.6	28.0						

^a Including France, Italy, the UK, the US, and West Germany. Total for 1946 includes data for 1947 for Italy, the UK, and West Germany.

^b Data refer to deliveries, except 1938. Data for 1938 are for production.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^d 1937.

^e Tractors of more than 10 horsepower.

^f 1947.

654.0
267.9
386.1
258.2
644.3

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MANUFACTURED ITEMS

Table 90
Production of Tractor Drills ^a
1938, 1950, and 1955-58

Country	Units					
	1938	1950	1955	1956	1957	1958
UK ^b	352	6,469	3,796	2,993	4,860	3,695
US ^c	N.A.	153,421 ^d	72,212	63,347	61,029	N.A.
Sino-Soviet Bloc ^e	62,900	126,000	141,000	213,000	294,000	223,000
USSR	62,900 ^f	118,400	123,300	199,400	278,100	218,000
European Satellites	N.A.	8,080	18,000	13,500	15,500	N.A.
Bulgaria	0	590	2,452	1,901	2,069	776 ^g
Czechoslovakia	N.A.	2,827	7,160	4,450	5,494	N.A.
East Germany	N.A.	4,208	2,390	3,085	2,162	N.A.
Hungary	N.A.	N.A.	2,520	2,556	2,772	N.A.
Poland	0	N.A.	2,006	584	20	0
Rumania	0	450	1,428	901	3,011	4,600 ^h

^a Including tractor-drawn and tractor-mounted drills.

^b Corn drills (planters), including combined seed and fertilizer drills.

^c 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- 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 in the following amounts: 1951, 80,549 (two-row and larger); 1955, 20,573; 1956, 16,480; and 1957, 18,635.

^d 1951.

^e There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^f 1937.

^g Plan.

^h Preliminary estimate.

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MANUFACTURED ITEMS

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Table 91
Production of Tractor Moldboard Plows ^a
1938, 1950, and 1955-58

Country	Units					
	1938	1950	1955	1956	1957	1958
UK	5,156	52,080	26,571	19,534	22,443	27,830
US	117,960	341,710	141,174	101,915	103,287 ^b	76,412 ^c
Sino-Soviet Bloc ^d	105,000	159,000	137,000	166,000	169,000	199,000
USSR	96,400 ^e	121,900	103,200	123,500	127,600	164,000
European Satellites	8,530	37,300	33,300	42,200	41,600	35,400
Bulgaria	0	900	1,947	3,374	4,303	2,898 ^f
Czechoslovakia	0	20,812	9,955	9,786	14,213	11,554
East Germany	8,534 ^g	7,304	3,572	5,056	3,587	N.A.
Hungary	0	3,274	4,556	7,000 ^h	N.A.	N.A.
Poland	0	N.A.	9,296	13,185	15,515	14,830
Rumania	0	5,030	4,005	3,766	4,006	6,150

^a Excluding surface (shallow) plows.

^b For tractor-drawn, two-way plows and tractor-mounted four-bottom and larger plows, manufacturers' shipments rather than production are included.

^c Data exclude tractor-mounted two-way plows (production of 2,398 units in 1957) and probably exclude tractor-drawn two-way plows (shipments of 1,462 units in 1957) and tractor-mounted four-bottom and larger plows (shipments of 9,625 units in 1957).

^d There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^e 1937.

^f Plan.

^g Fiscal year 1937/38.

^h Plans for other types of agricultural machines announced with plans for tractor plows subsequently were changed. Planned data for tractor plows also may have been changed.

Table 92
Production of Corn Harvesting Combines in the US and the Sino-Soviet Bloc ^a
1938, 1950, and 1955-58

Country	Units					
	1938	1950	1955	1956	1957	1958
US	16,722	88,836	33,949	34,149	40,902	42,181
Sino-Soviet Bloc	0	0	4,010	14,300	32,100	N.A.
USSR	0	0	4,011	14,214	31,400	6,100
Bulgaria	0	0	1	100 ^b	N.A.	N.A.
Hungary ^c	0	0	Negl.	Negl.	Negl.	Negl.
Rumania	0	0	1	10	670	N.A.

^a Cornpickers produced in the US may not be compared directly with corn harvesting combines produced in the Sino-Soviet Bloc. The Bloc combine picks up and chops the cornstalks in addition to picking the ears from the stalks; the US cornpicker leaves the cornstalks in the field.

^b Plan.

^c Hungary produced its first five corn combines in 1954. Production still has not been initiated on a regular basis, although the 1957 and 1956-60 plans (announced just before the 1956 uprising) called for production of 1,000 and 2,970 units, respectively. Hungary has been selected as one of the European Satellites to specialize in production of corn harvesting combines.

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MANUFACTURED ITEMS

Table 93
Construction of Maritime Vessels in the Sino-Soviet Bloc^a
1950 and 1955-58

Country	Thousand Gross Register Tons				
	1950	1955	1956	1957	1958
Sino-Soviet Bloc	76.8	306	389	373	417
USSR	43.0	132.0	206.6	178.7	150.0
Communist China	4.0	22.0	15.0	20.0	30.0
European Satellites	29.8	152	167	175	237
East Germany	5.6	61.1	54.1	55.4	100.5
Hungary	13.8	15.6	21.3	12.3	20.4
Poland	10.4	75.1	91.5	107.0	116.5

^a Including only countries in which domestic construction is a significant percentage of over-all construction. Data refer to ocean-going tankers, cargo and passenger vessels, self-propelled barges, and harbor craft. Data represent tonnage put in place during the year and thus may differ from compilations based on vessels launched or completed.

Table 94
Launchings of Merchant Vessels in the NATO Countries^a
1938, 1950, and 1955-58

Country	Thousand Gross Register Tons					
	1938	1950	1955	1956	1957	1958
NATO	2,300	2,730	3,770	4,090	4,960	5,850
US	160	437	73	169	359	732
Belgium	30	66	81	92	114	139
Canada	11	40	22	22	34	64
Denmark	158	125	154	130	171	250
France	47	181	326	299	428	451
Italy	94	107	167	358	485	551
Netherlands	240	228	397	450	476	556
Norway	55	53	141	172	239	259
Portugal	2	7	6	15	10	12
UK	1,026	1,325	1,474	1,383	1,414	1,402
West Germany	479	155	929	1,000	1,231	1,429

^a Excluding Greece, Iceland, Luxembourg, and Turkey. Data refer to total gross register tonnage of all merchant vessels of 100 gross register tons or more which were launched, excluding those which are non-self-propelled. Although tonnage launched is not strictly comparable to tonnage constructed as used in Table 93 (above), data in these two tables may be compared where only approximate accuracy is required.

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MANUFACTURED ITEMS

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Table 95
Construction of Inland and Fishing Vessels in the Sino-Soviet Bloc ^a
1950-58

Country	1950	1951	1952	1953	1954	1955	1956	1957	1958
Inland—Self-Propelled									
							Thousand Horsepower		
Sino-Soviet Bloc	71.5	79.3	71.5	87.3	127	145	143	177	204
USSR	48.9	50.9	53.4	59.7	64.6	72.6	84.0	99.5	115.1
Communist China	13.0	16.0	4.0	4.0	14.0	26.0	24.0	30.0	40.0
European Satellites	9.6	12.4	14.1	23.6	48.6	46.8	34.9	47.8	48.5
Czechoslovakia	7.2	7.2	3.2	8.0	10.4	13.8	13.8	15.9	17.2
East Germany	0	2.8	4.8	5.8	7.8	6.6	10.7	20.1	19.0
Hungary	2.4	2.4	6.1	9.8	30.4	26.4	10.4	11.8	12.3
Inland—Non-Self-Propelled									
							Thousand Deadweight Tons Carrying Capacity		
Sino-Soviet Bloc	740	745	758	729	727	685	582	500	456
USSR	725.2	730.0	733.7	725.0	686.1	614.1	456.4	355.0	295.0
Communist China	12.0	13.0	14.0	1.0	26.0	51.0	93.0	110.0	130.0
European Satellites	2.4	2.4	10.2	3.0	14.6	20.0	32.4	34.6	31.0
Czechoslovakia	2.4	2.4	10.2	3.0	14.6	18.0	24.4	26.6	25.0
Hungary	0	0	0	0	0	2.0	8.0	8.0	6.0
Fishing									
							Thousand Gross Register Tons		
Sino-Soviet Bloc	71.8	96.5	90.4	69.5	74.2	101	89.2	108	142
USSR	9.9	12.5	15.0	17.5	20.0	22.5	31.7	40.9	75.2
Communist China	0	0	0	0	3.0	6.0	N.A.	N.A.	N.A.
North Korea	2.5	2.5	2.0	2.0	3.0	5.0	N.A.	N.A.	N.A.
European Satellites	59.4	81.5	73.4	50.0	48.2	67.4	57.5	67.4	66.6
East Germany	55.4	74.5	66.0	41.3	34.6	48.5	42.9	39.0	23.6
Poland	4.0	7.0	7.4	8.7	13.6	18.9	14.6	28.4	43.0

^a Including only countries in which domestic construction is a significant percentage of over-all construction. Data for Rumania are not available.

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Table 96
Production of Mainline Locomotives ^a
1938, 1946, 1950, and 1955-58

Country	1938	1946	1950	1955	1956	1957	1958
NATO ^b	1,260	4,380	4,940	3,520	4,150	4,010	N.A.
US ^c	396	2,976	3,144	1,664	2,257	2,036	1,361
Sino-Soviet Bloc ^d	1,500	544	1,940	1,780	1,740	1,400	1,870
USSR	1,252	244	1,212	982	867	670	1,096
Communist China	0	0	0	98	184	200	402
European Satellites	249	300	731	696	687	525	368
Czechoslovakia	74	144	221	120	83	129	40
East Germany	100	0	0	74	164	20	50
Hungary	N.A.	N.A.	213	140	109	65	100
Poland	28	156	241	308	278	221	68
Rumania	47	N.A.	56	54	53	90	110

400
2,036
1,974
1,361
3,335 Units

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada	488	521	Italy ^e	103	97	UK	1,155	1,142
France	143	216						

^a Including all types (diesel, diesel-electric, electric, and steam). For detailed data for diesel and electric locomotives, see Tables 97 and 98 (pp. 83 and 84, below).

^b Including for all years, Canada, France, Italy, the UK, and the US; except for 1938 and 1946, Belgium; except for 1950, West Germany; and for 1950 only, Denmark. Except for 1938, data for Italy include only state railroads.

^c Data refer to units put in service on first-class railroads.

^d There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^e State railroads.

Table 97
Production of Mainline Diesel Locomotives
1938, 1950, and 1955-58

Country	1938	1950	1955	1956	1957	1958
France ^a	0	N.A.	172	141	216	N.A.
UK ^a	0	515	760	937	922	N.A.
US ^b	96	2,376	1,172	1,445	1,312	400
Sino-Soviet Bloc ^c	4	125	138	169	400	714
USSR	4	125	134	161	400	712
Communist China	0	0	0	0	0	2
European Satellites	0	0	4	8	N.A.	N.A.
Czechoslovakia	0	0	2	4	N.A.	N.A.
Hungary	0	0	2	4	N.A.	N.A.

^a Diesel-electric locomotives.

^b Data refer to units put in service on first-class railroads but do not include exports.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.

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Table 98

Production of Mainline Electric Locomotives in the US and the Sino-Soviet Bloc
1938, 1950, and 1955-58

Country	Units					
	1938	1950	1955	1956	1957	1958
US ^a	N.A.	12	10	8	4	10
Sino-Soviet Bloc ^b	32	102	221	338	N.A.	N.A.
USSR	32	102	194	216	270	344
European Satellites	0	0	27	122	N.A.	N.A.
Czechoslovakia	0	0	3	6	N.A.	N.A.
East Germany ^c	0	0	20	114	N.A.	N.A.
Hungary	0	0	4	2	N.A.	N.A.

^a Data refer to units put in service on first-class railroads but do not include exports.

^b There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^c Data probably include industrial, shunting, and mining types.

Table 99

Production of Mainline Railroad Freight Cars
1938, 1946, 1950, and 1955-58

Country	Thousand Units ^a						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	53.9	116	96.6	129	170	191	N.A.
US ^c	17.08	59.98	44.16	42.12	67.44	100.08	44.28
Sino-Soviet Bloc ^d	27.8	28.8	85.3	68.2	71.6	72.1	78.3
USSR	24.50	23.75	50.80	34.40	40.00	38.30	41.00
Communist China	N.A.	N.A.	4.50	9.26	6.08	8.00	12.80
North Korea	0	0	0	0	0	0.10	N.A.
European Satellites	3.34	N.A.	30.0	24.5	25.5	25.7	24.5
Bulgaria	0	0	0	0.99	0.45	1.16	1.30
Czechoslovakia	1.65	N.A.	2.11	5.56	5.90	5.46	5.36
East Germany	0.74 ^e	N.A.	6.35	4.00	4.12	4.00	4.00
Hungary	N.A.	N.A.	4.00	0.57	0.54	0.59	0.60
Poland	0.57 ^f	5.04 ^f	15.44	11.92	12.34	11.93	9.78
Rumania	0.38	N.A.	2.09	1.46	2.14	2.54	3.47

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Canada	9.22	10.45	Italy ^g	0.52	0.57	West Germany	11.52	5.04
France	9.96	7.32	UK	70.56	67.80			

^a 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.

^b Including for all years, Canada, France, Italy, the UK, and the US; except for 1955-57, Norway; and except for 1938 and 1946, West Germany. Data for Italy include railroad passenger cars for 1955-58. Total for 1938 for the UK includes data for 1935.

^c Shipments.

^d There has been no production in North Vietnam and Albania.

^e 1936.

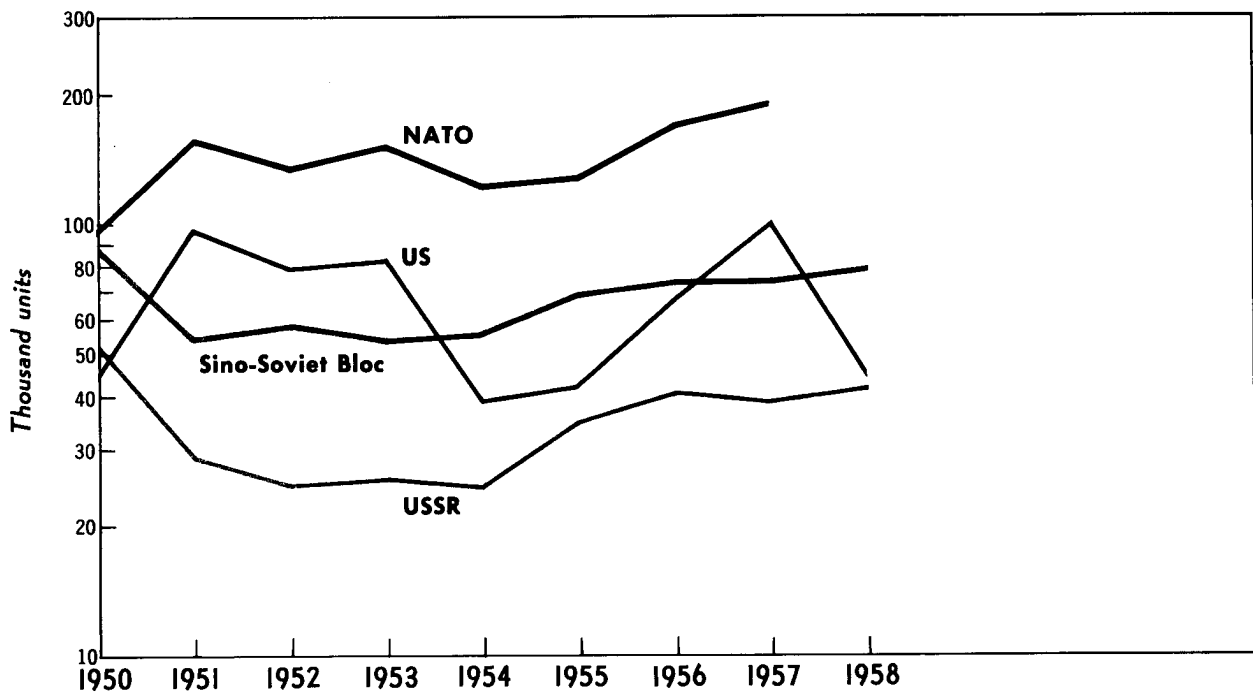
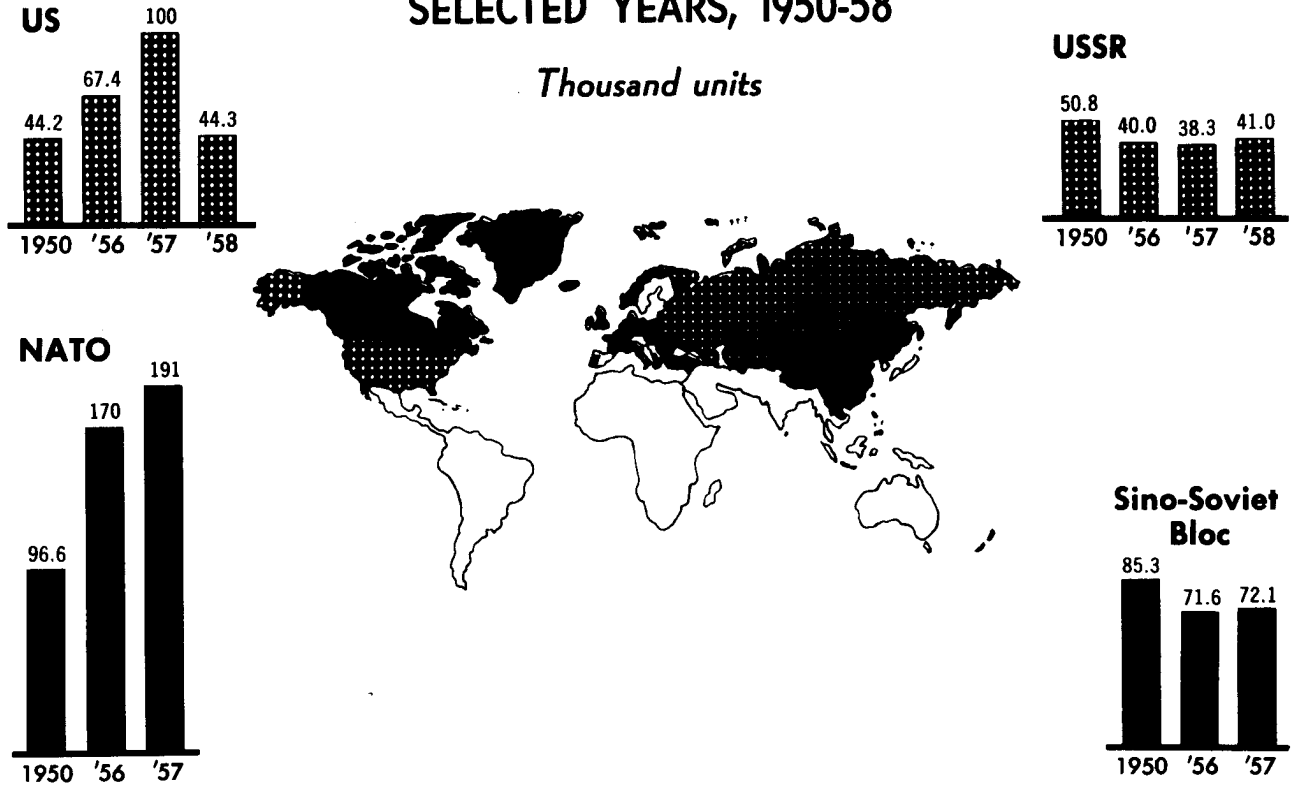
^f Two-axle units.

^g Including railroad passenger cars.

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Figure 16

COMPARISON OF PRODUCTION OF MAINLINE RAILROAD FREIGHT CARS, IN SELECTED AREAS SELECTED YEARS, 1950-58



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Table 100
Production of Railroad Passenger Cars
1938, 1950, and 1955-58

Country	Units					
	1938	1950	1955	1956	1957	1958
NATO ^a	2,690	4,630	3,370	3,020	3,420	N.A.
US ^b	352	954	983	430	841	130
Sino-Soviet Bloc ^c	1,330	2,040	3,750	4,120	4,680	4,830
USSR	1,000	912	1,772	1,799	1,856	2,000
Communist China	0	0	200	300	350	400
European Satellites	334	1,130	1,780	2,020	2,470	2,430
Bulgaria	0	0	10	50	55	60
Czechoslovakia	129 ^d	416	111	377	467	311
East Germany	135 ^e	433	697	646 ^f	946 ^f	1,000
Hungary	58	113	296	355	341	360
Poland	12	150	561	516	575	597
Rumania	0	20	100	80	90	100
NATO Countries						
Country	1956	1957	Country	1956	1957	
France	254	155	UK	2,335	2,424	

^a Including France, the UK, and the US. Total for 1938 includes data for 1935 for the UK.

^b Manufacturers' shipments, 1955-58; production for other years.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^d 1937.

^e 1936.

^f Narrow and normal gauge.

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Table 101
Production of Automobiles
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
NATO ^a	2,920	8,050	10,700	8,680	9,310	8,080
US ^b	2,001.0	6,665.9	7,920.0	5,816.4	6,112.8	4,257.6
Soviet Bloc ^c	40.6	97.0	147	157	194	217
USSR	27.0	64.6	107.8	98.0	113.6	122.0
Communist China	0	0	0	0	<i>Negl.</i>	1.0
European Satellites	13.6	32.4	38.8	59.0	80.8	93.5
Czechoslovakia	11.4	24.5	12.5	25.1	34.6	43.0
East Germany	<i>N.A.</i> ^d	7.2	22.2	28.1	36.0	39.0
Hungary	0.2	0	0	0	0	0
Poland	2.0	0.8 ^e	4.0	5.8	10.2	11.5

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada	339.7	297.0	Italy	318.5	369.0	West Germany	958.9	1,180.7
France	723.7	924.2	UK	860.8	1,051.6			

Other Countries		
Country	1957	1958
Japan	47.2	50.5

^a Including for all years, Canada, France, the UK, the US, and West Germany, and except for 1938, Italy. Total for 1938 includes all Germany.

^b Sales from factories, including parts shipped for assembly abroad.

^c There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^d The estimate for the years before World War II is omitted because of lack of comparability in data.

^e 1951.

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Table 102
Production of Commercial Vehicles ^a
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
NATO ^b	753	1,920	2,080	1,940	1,960	2,040
US ^c	488.1	1,337.2	1,249.2	1,104.0	1,107.6	1,117.2
Sino-Soviet Bloc ^d	207	310	348	420	440	459
USSR	184.4	298.3	337.5	367.0	381.9	389.0
Communist China ^e	0	0	0	1.6	7.5	16.0
European Satellites	22.4	11.7	46.8	51.5	51.0	53.9
Czechoslovakia	2.0 ^f	7.0	11.6	12.3	13.8	15.1
East Germany ^g	19.1 ^h	1.0	14.2	17.2	15.5	13.8
Hungary	0.6 ^e	2.9	5.0	3.8	4.0	5.1
Poland	0.8	0.8	12.8	13.2	12.5	13.8
Rumania ^g	N.A.	N.A.	3.0	5.1	5.2	6.0

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Canada	71.5	58.3	Italy	33.8	34.8	West Germany	252.8	313.9
France	204.0	203.5	UK	288.2	312.8			

Other Countries		
Country	1957	1958
Japan	134.8	137.3

^a Including light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

^b Including Canada, France, Italy, the UK, the US, and West Germany. Total for 1938 includes all Germany.

^c Factory sales, including parts shipped for assembly abroad.

^d There has been no production in countries of the Sino-Soviet Bloc that are not listed.

^e Production of trucks only.

^f 1937.

^g 1936.

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Table 103
 Railroad Freight Traffic in Ton-Kilometers ^a
 1938, 1950, and 1955-58

Country	Billion Metric Ton-Kilometers					
	1938	1950	1955	1956	1957	1958
NATO ^b	587	1,090	1,190	1,250	1,200	N.A.
US	426.1	863.6	915.2	950.7	908.0	803.0 ^c
Sino-Soviet Bloc ^d	455	731	1,210	1,350	1,510	1,660
USSR	370.5	602.3	970.9	1,079.1	1,212.8	1,302.0
Communist China	19.0	39.4	98.1	120.4	134.6	186.0
North Korea	N.A.	3.4 ^e	3.8	4.3	5.0	6.4
North Vietnam	N.A.	N.A.	Negl.	0.1	0.1	0.4
European Satellites	65.7	85.7	139	144	157	164
Bulgaria	1.1 ^f	2.6	4.1	4.5	4.9	5.4
Czechoslovakia	11.1 ^g	18.6	31.7	34.3	39.5	42.8
East Germany	22.4	16.4	28.7	29.6	31.2	32.2
Hungary	3.0 ^h	5.4	8.8	8.2	9.5	10.0
Poland	22.4	35.1	52.0	52.1	55.3	56.5
Rumania	5.8	7.6	14.1	15.3	16.1	17.0

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium ^h	6.5	N.A.	Italy ^{i,j}	14.0	13.0	Portugal	0.8	0.7
Canada	103.7	N.A.	Luxembourg ^k	0.6	N.A.	Turkey	1.1	N.A.
Denmark ^l	1.3	N.A.	Netherlands ^m	3.4	N.A.	UK ⁿ	34.1	30.1
France	53.7	52.9	Norway ^o	1.5	1.4	West Germany ^{p,q}	62.4	56.6
Greece ^r	0.4	N.A.						

Other Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
India ^s	70.7	N.A.	Spain ^a	8.6	N.A.	Yugoslavia ^l	13.0	13.0
Japan ^t	47.7	N.A.	Sweden ^u	9.7	N.A.			

^a 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. For specific exceptions, see footnotes for individual countries.

^b Excluding Iceland.

^c Preliminary estimate.

^d Data for Albania are negligible.

^e 1949.

^f 1939.

^g 1937.

^h Full carloads only, excluding military traffic.

ⁱ State railroads.

^j Including service traffic.

^k Including military and government traffic.

^l Excluding livestock.

^m Full carloads only.

ⁿ Excluding Northern Ireland.

^o Data for 1957 for West Germany, excluding occupation and service traffic, were 51.8 billion ton-kilometers.

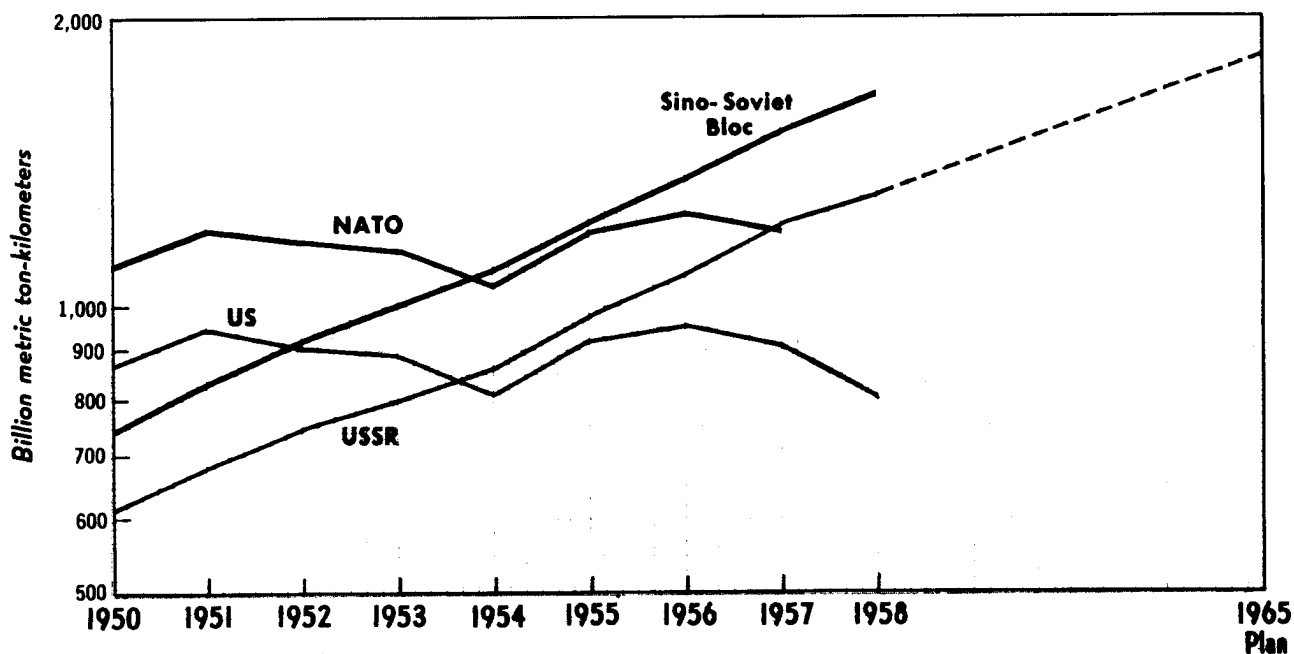
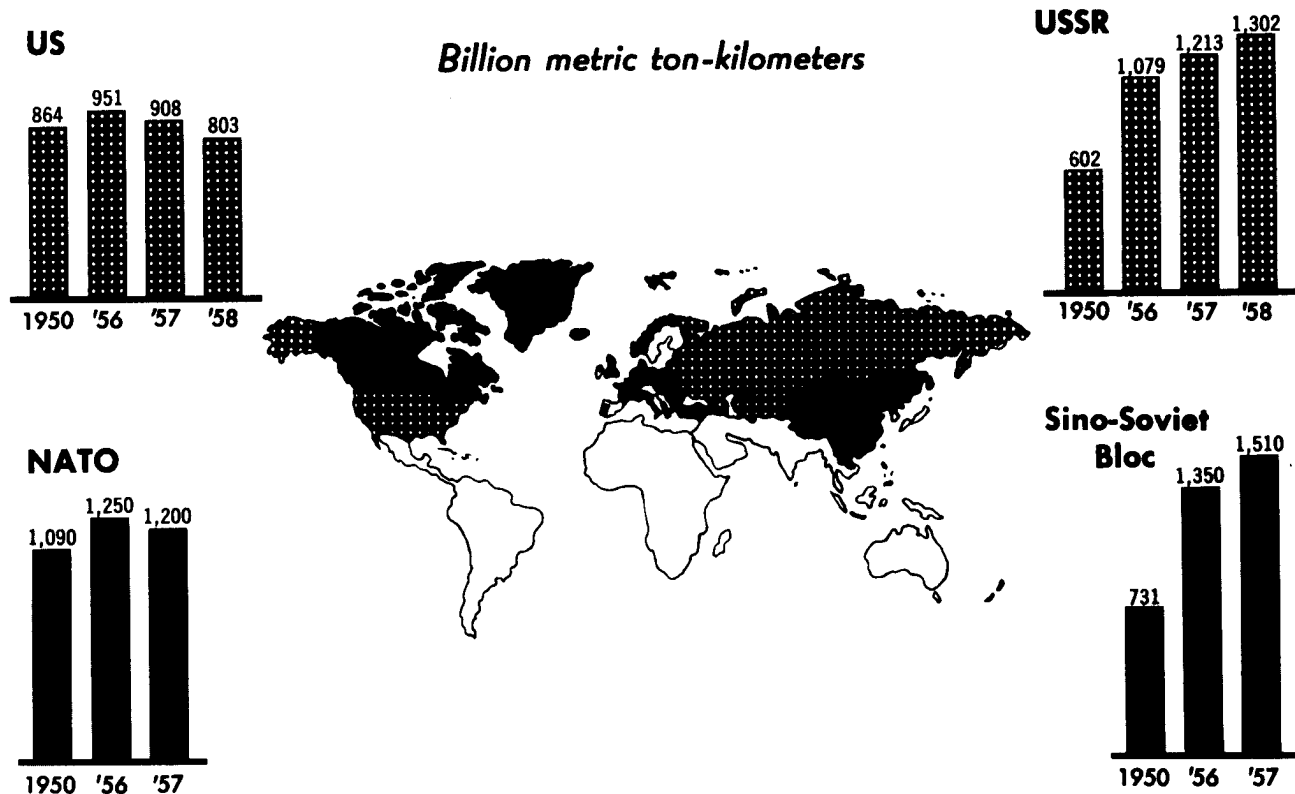
^p Government railroads, broad and meter gauge only.

^q National railroads, including mail and weight of mail cars.

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Figure 17

**COMPARISON OF RAILROAD FREIGHT TRAFFIC IN SELECTED AREAS
SELECTED YEARS, 1950-58, AND 1965 PLAN**



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Table 104
 Railroad Freight Traffic ^a
 1938, 1946, 1950, and 1955-58

Country	Million Metric Tons Originated						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	1,630	N.A.	2,250	2,420	2,540	2,470	N.A.
US	743.7	1,299.0	1,289.0	1,323.4	1,378.0	1,314.5	1,160.0 ^c
Sino-Soviet Bloc	791	N.A.	1,420	2,200	2,370	2,560	2,770
USSR	516.3	452.6	834.3	1,267.0	1,371.0	1,487.7	1,616.0
Communist China	72.8	23.2	99.5	193.4	246.0	274.0	380.0
North Korea	N.A.	N.A.	16.3 ^d	16.8	18.3	21.5	29.3
North Vietnam	N.A.	N.A.	N.A.	0.4	1.1	1.2	2.6
European Satellites	202	N.A.	465	722	735	780	N.A.
Albania	0	N.A.	0.2	0.4	0.4	0.5	0.5
Bulgaria	6.1 ^e	N.A.	14.0	23.8	25.5	27.6	30.1
Czechoslovakia	70.1 ^f	N.A.	96.0	140.2	149.2	159.9	171.0
East Germany	N.A.	54.8	128.5	207.5	210.2	220.3	227.2
Hungary	24.4 ^f	N.A.	40.9	67.8	61.1	70.3	75.7
Poland	75.0	67.0	150.3	223.7	226.5	236.2	237.4
Rumania	26.3	N.A.	35.1	59.0	62.0	65.3	N.A.

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium ^g	66.2	N.A.	Italy ^{h j}	54.1	46.9	Portugal	4.0	3.8
Canada	158.0	N.A.	Luxembourg ^j	18.6	N.A.	Turkey	15.3	N.A.
Denmark ^{h i}	6.5	N.A.	Netherlands ^g	25.2	N.A.	UK ^l	278.7	246.6
France	216.8	211.9	Norway ^{h k}	5.7	5.4	West Germany ^m	303.3	274.6

Other Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
India ^{l n o}	125.3	N.A.	Japan ^{h i}	170.4	N.A.	Yugoslavia ^o	56.6	57.2

^a Unless otherwise indicated, data are for the end of the year.

^b Excluding for all years, Iceland; for 1938, Luxembourg; and for 1957, Greece. Total for 1938 includes data for 1936 for West Germany and data for 1937 for Turkey.

^c Preliminary estimate.

^d 1949.

^e 1939.

^f 1937.

^g Full carloads only, excluding military traffic.

^h State railroads.

ⁱ As of April of stated year.

^j Excluding livestock.

^k 30 June of stated year.

^l Excluding Northern Ireland.

^m Federal railroads, including service traffic.

ⁿ Government railroads, including service traffic.

^o Including service traffic.

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Table 105

Highway Freight Traffic in Ton-Kilometers in the US and the Sino-Soviet Bloc^a
1938, 1950, and 1955-58

Country	Million Metric Ton-Kilometers					
	1938	1950	1955	1956	1957	1958
US ^b	77,117 ^c	252,370	330,228	370,469	380,842	N.A.
Sino-Soviet Bloc ^d	N.A.	25,400	56,300	64,200	78,100	91,100
USSR	6,800	20,100	42,500	48,500	61,700	69,000
Communist China	N.A.	373	2,514	3,489	3,794	8,700
North Korea	N.A.	35 ^e	139	131	194	233
North Vietnam	N.A.	N.A.	28	31 ^f	40	43
European Satellites	N.A.	4,880	11,100	12,100	12,300	13,100
Albania	7	35	93	110	133	144
Bulgaria	N.A.	288	735	831	832	853
Czechoslovakia ^g	N.A.	1,458	2,719	3,075	3,452	3,884
East Germany	800	1,945	3,194	3,492	3,916	4,268
Hungary	110	93	590	588	600	604
Poland ^h	N.A.	1,018	3,500	3,700	3,040	2,800
Rumania	N.A.	42	272	286	375	525

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

^b Intercity ton-kilometers only.

^c 1939.

^d Data on ton-kilometers for the Sino-Soviet Bloc may not be compared directly with data on ton-kilometers for the US, inasmuch as the former are performed principally in intracity movement, whereas US data relate entirely to intercity movement.

^e 1949.

^f Plan.

^g Including state highway transportation enterprises and factory highway transportation.

^h Including state automotive transport organization, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

Table 106

Highway Freight Traffic in the Sino-Soviet Bloc
1950 and 1955-58

Country	Million Metric Tons Originated				
	1950	1955	1956	1957	1958
Sino-Soviet Bloc	2,070	4,530	5,110	6,180	6,950
USSR	1,859.2	3,730.0	4,200.9	5,216.4	5,800.0
Communist China	7.4	49.8	79.1	101.2	280.0
North Korea	1.5 ^a	8.8	9.2	13.9	18.0
North Vietnam	N.A.	1.4	1.6	1.9	2.2
European Satellites	N.A.	738	815	842	855
Albania	0.5	1.4	1.6	1.9	2.2
Bulgaria	N.A.	37.8	44.2	47.9	56.0
Czechoslovakia	N.A. ^b	222.5	257.8	304.9	316.2
East Germany	87.3	169.1	187.4	208.5	228.5
Hungary	6.7	36.8	39.7	40.3	43.9
Poland ^c	93.9	263.0	275.7	225.0	207.9
Rumania	1.0	7.3	9.0	13.8	N.A.

^a 1949.

^b Traffic carried by state trucking enterprises in 1950 amounted to 11.7 million metric tons.

^c Including state automotive transport organization, cooperatives, branch enterprises, and transport units of industries, plants, offices, and the like.

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Table 107
Inland Water Freight Traffic in Ton-Kilometers
1938, 1950, and 1955-58

Country	Million Metric Ton-Kilometers							
	1938	1950	1955	1956	1957	1958		
NATO ^a	N.A.	N.A.	200,000	223,000	233,000	N.A.		
US ^b	32,721 ^c	75,417	142,584	159,594	167,256	N.A.		
Sino-Soviet Bloc	N.A.	51,500	83,800	89,000	97,600	114,000		
USSR ^d	N.A.	45,900	67,400	70,200	76,000	85,500		
Communist China	N.A.	1,677	10,200	12,918	15,100	21,300		
European Satellites	8,140	3,910	6,210	5,860	6,460	6,920		
Bulgaria	N.A.	158	372	395	428	457		
Czechoslovakia	1,639	764	1,485	1,472	1,604	1,716		
East Germany	4,500	1,579	2,168	2,268	2,498	2,585		
Hungary	500	478	765	598	680	835		
Poland	456	264	774	627	707	695		
Rumania	1,040	669	648	496	548	630		
NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	4,493	4,602	Netherlands	16,696	17,184	West Germany	32,270	33,681
France	9,265	9,771	UK	300	286			

^a Including Belgium, France, the Netherlands, the UK, the US, and West Germany.

^b Excluding traffic on the Great Lakes. Data for 1938 include some duplication of reporting. Reporting coverage increased slightly after 1952.

^c 1940.

^d Data for North Korea and North Vietnam are included with ocean freight traffic in Table 109 (p. 92, below). Data for Albania are negligible.

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Table 108
Inland Water Freight Traffic
1938, 1950, and 1955-58

Country	Million Metric Tons Originated					
	1938	1950	1955	1956	1957	1958
NATO ^a	N.A.	N.A.	694	739	761	N.A.
US ^{a, b}	170.88	270.06	328.90	348.45	355.52	N.A.
Sino-Soviet Bloc ^c	N.A.	111	189	205	224	260
USSR	N.A.	91.50	139.10	146.80	159.20	178.30
Communist China	7.62	4.50	26.14	35.42	41.07	58.00
European Satellites	N.A.	15.2	23.3	22.4	24.0	N.A.
Bulgaria	Negl.	Negl.	0.92	0.99	1.08	1.20
Czechoslovakia	N.A.	1.34	2.84	2.65	2.93	3.20
East Germany	N.A.	10.00	12.90	13.46	14.44	14.89
Hungary	0.76 ^d	1.11	1.75	1.51	1.55	1.88
Poland	N.A.	1.24	3.31	2.45	2.55	2.46
Rumania	N.A.	1.11	1.60	1.30	1.41	N.A.

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	55.90	55.72	Italy	2.09	2.33	UK	10.62	10.59
France	62.63	65.68	Netherlands	123.88	129.07	West Germany	135.92	142.27 ^e

^a Tons carried.^b Data for 1938 refer to unduplicated traffic on rivers, canals, and connecting channels, excluding Great Lakes traffic. Data after 1938 include all inland, intraport, and local water freight traffic, excluding Great Lakes traffic.^c Data for North Korea and North Vietnam are included with ocean freight traffic in Table 109 (below). Data for Albania are negligible.^d 1937.^e Preliminary estimate.

Table 109
Ocean Freight Traffic of the Sino-Soviet Bloc
1938, 1950, and 1955-58

Country	Million Metric Ton-Kilometers					
	1938	1950	1955	1956	1957	1958
Sino-Soviet Bloc	N.A.	50,600	96,500	113,000	129,000	152,000
USSR ^a	N.A.	39,700	68,900	82,400	92,700	105,300
Communist China ^b	N.A.	822	7,305	8,650	10,742	14,000
North Korea ^c	N.A.	19 ^d	12	16	19	35
North Vietnam ^c	N.A.	N.A.	64	137 ^e	145	174
European Satellites	6,850	10,100	20,200	22,000	25,300	32,300
Albania ^f	20	20	40	39	42	43
Bulgaria ^f	738	325	919	1,095	1,554	2,020
Czechoslovakia	0	0	2,196	2,375	2,220	2,800
East Germany ^f	0	Negl.	480	412	780	2,350
Hungary	1,150	59	82	107	120	150
Poland ^g	2,600	9,090	15,806	17,391	19,662	23,900
Rumania	2,340	611	712	628	914	1,000

^a Including Caspian Sea, Danube River, and domestic coastal traffic.^b Coastal traffic only.^c Including both coastal and inland water traffic.^d 1949.^e Plan.^f Including both coastal and international freight traffic.^g Excluding performance of about 14 ships flying the Polish flag but not owned by Poland.

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Table 110
Passengers Carried by Civil Air Carriers in the US and the USSR
1938, 1950, and 1955-58

Country	Thousand Passengers					
	1938	1950	1955	1956	1957	1958
US ^a	2,186	19,020	41,441	45,687	52,984	52,724
USSR	N.A.	1,410	2,610	3,140	5,250	8,190

^a Revenue passengers carried and including both domestic and international unduplicated air operations. Because of changes in the reporting procedure of the Civil Aeronautics Board, data for 1957 are not strictly comparable to previous years.

Table 111
Passenger-Kilometers Flown by Civil Air Carriers in the US and the USSR
1938, 1950, and 1955-58

Country	Billion Passenger-Kilometers					
	1938	1950	1955	1956	1957	1958
US ^a	0.86	16.43	39.01	44.24	50.07	51.50
USSR ^b	N.A.	1.22	2.90	3.26	4.76	7.84

^a Revenue passenger-kilometers.

^b Including scheduled operations of Aeroflot, the civil carrier of the Chief Directorate of the Civil Air Fleet, but excluding Polar Aviation, regional carriers, and special services.

Table 112
Petroleum Pipeline Transportation in Ton-Kilometers in the US and the USSR
1951-58

Country	Billion Metric Ton-Kilometers							
	1951	1952	1953	1954	1955	1956	1957	1958
US	222.1	229.9	248.0	261.6	296.7	335.7	339.7	N.A.
USSR	5.5	6.4	7.6	10.2	14.7	20.5	26.6	32.8

Table 113
Petroleum Pipeline Transportation in the US and the USSR
1951-58

Country	Million Metric Tons Originated							
	1951	1952	1953	1954	1955	1956	1957	1958
US	279.8	289.4	302.1	305.7	343.8	374.0	372.9	N.A.
USSR	18.4	23.2	29.4	39.7	51.7	65.3	80.9	94.7

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Table 114
Inventory of Merchant Fleet^a
1939, 1950, and 1956-58

Country	1939		1950		1956		1957		1958	
	Thou- sand		Thou- sand		Thou- sand		Thou- sand		Thou- sand	
	Number	GRT	Number	GRT	Number	GRT	Number	GRT	Number	GRT
NATO ^b	8,820	44,500	9,530	60,400	10,200	68,500	10,300	69,600	10,500	72,700
US ^c	1,379	8,126	3,516	26,114	3,238	24,772	3,032	23,468	3,047	23,840
Sino-Soviet Bloc ^d	424	1,400	617	2,160	872	2,950	928	3,260	978	3,520
USSR ^e	354	1,135	515	1,843	705	2,404	727	2,580	735	2,634
Communist China	N.A.	N.A.	41	103	72	171	89	205	102	275 ^f
European Satellites	70	261	61	218	95	375	112	471	141	615
Bulgaria	8	22	4	10	7	23	9	28	11	33
Czechoslovakia	0	0	0	0	3	17	3	17	5	33
East Germany	0	0	0	0	3	8	6	29	16	88
Hungary	6	23	1	1	4	5	5	6	6	7
Poland	31	114	49	176	69	289	80	356	94	420
Rumania ^g	25	102	7	31	9	34	9	34	9	34

NATO Countries

Country	Thousand GRT		Country	Thousand GRT		Country	Thousand GRT	
	1957	1958		1957	1958		1957	1958
Belgium	520	522	Iceland	50	49	Portugal	409	423
Canada	328	289	Italy	4,311	4,654	Turkey	530	527
Denmark	1,723	1,877	Netherlands	3,853	4,034	UK	17,945	18,292
France	3,761	4,085	Norway	8,149	8,956	West Germany	3,073	3,577
Greece	1,453	1,575						

^a Including vessels of 1,000 gross register tons (GRT) or more.

^b Data are as of midyear. Total for 1939 includes the British Empire, France, Greece, Italy, the Netherlands, Norway, the US, and all Germany. Totals for 1950 and 1956-58 exclude Luxembourg.

^c Data for 1950 and 1956-58 include both private and government-owned fleets.

^d North Korea, North Vietnam, and Albania probably have no vessels of more than 1,000 GRT.

^e Excluding Caspian fleet.

^f A minimum estimate.

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Table 115
Inventory of Locomotives^a
1938, 1950, and 1955-58

Country	Units					
	1938	1950	1955	1956	1957	1958
NATO ^b	124,000	108,000	89,900	87,900	86,600	N.A.
US	46,544	42,951	33,533	32,593	32,391	31,500 ^c
Sino-Soviet Bloc ^d	N.A.	N.A.	N.A.	N.A.	58,300	N.A.
USSR	23,689 ^e	29,764	33,761	34,293	34,327	34,758
Communist China	N.A.	N.A.	3,500	3,680	3,850	4,100
North Korea	N.A.	823 ^f	N.A.	610 ^g	N.A.	N.A.
North Vietnam	N.A.	N.A.	60	60	60	60
European Satellites	N.A.	N.A.	N.A.	N.A.	20,100	N.A.
Bulgaria	N.A.	571	604	624	624	625
Czechoslovakia	4,216 ^h	N.A.	5,134	5,093	5,100	5,100
East Germany	N.A.	6,762	N.A.	6,478	6,020	5,670
Hungary	1,927 ^h	2,231	2,322	2,337	2,352	2,367
Poland	N.A.	N.A.	N.A.	N.A.	5,957	N.A.

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	2,089	1,902	Italy	5,553	5,518	Portugal	509	N.A.
Canada ⁱ	4,739	5,081	Luxembourg	125	124	Turkey	991	989
Denmark	722	681	Netherlands	751	713	UK	18,227	17,879
France	10,050	9,751	Norway	523	517	West Germany	11,029	11,093

Other Countries					
Country	1956	1957	Country	1956	1957
India	9,288	N.A.	Japan ^j	5,425	5,387

^a Including diesel-electric, steam, and electric locomotives. Unless otherwise indicated, data are as of the end of the year.

^b Excluding for 1956-57, Greece; for all years, Iceland; and for 1957, Portugal. Total for 1938 includes data for 1937 for France, Italy, Luxembourg, the Netherlands, and all Germany.

^c Preliminary estimate.

^d Data for Albania and Rumania are not available.

^e Data are as of the beginning of the year.

^f 1949.

^g Plan.

^h 1937.

ⁱ Including locomotives connected with all Canadian railroad companies.

^j State railroads only.

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Table 116
Inventory of Railroad Freight Cars ^a
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
US ^b	2,016.0	2,009.0	1,997.0	1,978.0	2,022.5	2,000.0 ^c
USSR ^d	757.4	1,053.4	1,379.5	1,452.5	1,521.1	1,592.1
Communist China ^e	46.8	N.A.	74.0	80.0	86.0	97.0
North Korea ^e	N.A.	N.A.	N.A.	N.A.	12.0	12.3
North Vietnam	N.A.	N.A.	0.7	0.7	0.7	0.7
Bulgaria	10.9 ^f	12.6	16.8	17.6	N.A.	N.A.
Czechoslovakia	96.5 ^g	N.A.	119.0	122.0	122.0	122.0
East Germany	N.A.	99.8	145.7	145.6	146.0	146.0
Hungary	43.7 ^g	52.2	58.2	58.2	58.2	58.2
Poland	153.4	N.A.	N.A.	N.A.	212.0	N.A.

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	77.0	77.8	Italy	129.9	129.5	Portugal	10.1	N.A.
Canada	N.A.	N.A.	Luxembourg	3.6	3.7	Turkey	17.2	17.2
Denmark ^h	13.6	13.5	Netherlands	24.1	24.2	UK	1,125.0	1,117.0
France	369.9	375.3	Norway	12.6	12.6	West Germany	297.4	303.9

Other Countries					
Country	1956	1957	Country	1956	1957
India	243.2	N.A.	Japan ^h	106.2	107.2

^a Data refer to either two- or four-axle units, and the size 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. Data for Albania and Rumania are not available.

^b All freight cars in the US have four axles or more.

^c Preliminary estimate.

^d Equivalent two-axle units. Physical units are estimated at about 915,000 in 1958, of which about 74 percent are four-axle or multi-axle cars.

^e Most Chinese Communist and North Korean cars have four axles.

^f 1939.

^g 1937.

^h State railroad cars only.

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Table 117
Inventory of Trucks ^a
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
NATO ^b	<i>N.A.</i>	<i>N.A.</i>	14,700	15,400	15,600	<i>N.A.</i>
US	4,210.5	8,272.2	9,893.4	10,261.8	10,492.6	10,738.6 ^c
Sino-Soviet Bloc ^d	642	<i>N.A.</i>	1,590	1,810	2,030	<i>N.A.</i>
USSR	546.9	602.3	1,275.0	1,453.3	1,648.1	1,947.7
Communist China	<i>N.A.</i>	40.0	65.0	72.0	80.0	96.0
North Korea	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	10.0	11.5	<i>N.A.</i>
North Vietnam	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	3.0	3.0	3.0
European Satellites	95.3	<i>N.A.</i>	251	272	288	<i>N.A.</i>
Bulgaria	2.3 ^e	<i>N.A.</i>	7.4	8.3	<i>N.A.</i>	<i>N.A.</i>
Czechoslovakia	<i>N.A.</i>	<i>N.A.</i> ^f	49.9	57.8	68.4	70.9
East Germany	80.9	<i>N.A.</i>	93.0	98.0	100.0	110.0
Hungary	3.5	9.3 ^g	23.0	24.5	26.0	27.5
Poland	8.6 ^e	39.5	77.6	83.8	93.5	<i>N.A.</i>

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	144.1	<i>N.A.</i>	Italy	488.8	480.2	Portugal	48.9	<i>N.A.</i>
Canada	989.4	1,025.3	Luxembourg	6.6	7.0	Turkey	35.1	<i>N.A.</i>
Denmark	108.0	114.3	Netherlands	117.3	123.9	UK	1,207.4	1,286.2
France	1,246.4	1,338.4	Norway	83.7	89.7	West Germany	615.9	636.9
Iceland	5.8	<i>N.A.</i>						

^a Data for NATO are based on census or registration numbers of civilian vehicles in the years for which those data are available; otherwise, officially estimated number of vehicles in use is shown. Unless otherwise indicated, data for the Sino-Soviet Bloc are for civilian vehicles as of the end of the year.

^b Excluding for all years, Greece and for 1957, Belgium, Iceland, Portugal, and Turkey. Total for 1955 includes data for 1954 for Belgium.

^c Preliminary estimate.

^d Data for Albania and Rumania are not available.

^e 1939.

^f Inventory for 1950 for the Czechoslovak State Automobile Transport (CSAD) consisted of 2,630 trucks.

^g 1949.

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Table 118
Volume of Construction in the US and the Sino-Soviet Bloc
1938, 1950, and 1955-58

Country	Unit of Measure	1938	1950	1955	1956	1957	1958	Value ^a
US	Billion 1947-49 US\$	13.5	28.0	35.7	35.1	35.1	35.4	
USSR	Billion July 1955 rubles	29.3	58.1	100	113	128	141	
Communist China	Billion current yuan	N.A.	N.A.	8.6	14.0	12.2	23.5 ^b	
North Korea	Billion won	N.A.	N.A.	N.A.	80.6 ^c	27.1	34.1	
Albania	Billion 1955 leks	N.A.	1.07	2.40	2.27	2.82	3.55	
Bulgaria	Billion 1 April 1956 leva	N.A.	1.89	2.30	2.32	2.08	2.34	
Czechoslovakia	Billion 1957 korunas	7.67	11.1	17.8	19.8	21.7	21.0	
East Germany	Billion Deutsche marks ^d	N.A.	2.43	4.29	4.81	5.35	5.60	
Hungary	Billion current forints	N.A.	6.70	11.2	11.3	10.7	10.3	
Poland	Billion 1956 zlotys	14.5 ^e	15.2	36.0	36.8	38.4	40.0	
Rumania	Billion 1 January 1955 lei	N.A.	2.85	6.83	8.08	6.78	8.10	

^a Because of the difficulty of determining valid exchange rates, data are not presented in terms of a common currency. Instead of rates which would be appropriate to apply to the construction industry, the following official rates of exchange are listed here merely to give a general idea of the value of the foreign currencies. These rates should be used with caution because they have been established and maintained arbitrarily.

Country	Currency	Units of Bloc Currency per US \$
USSR	ruble	4.0
Albania	lek	50.0
Bulgaria	lev	6.8
Communist China	yuan	2.46
Czechoslovakia	koruna	7.17
East Germany	Deutsche mark	2.22
Hungary	forint	11.74
North Korea	won	120
Poland	zloty	4.0
Rumania	leu	6.0

^b Total for 1958 includes some investment by local governments (for example, provinces and municipalities) and is therefore not comparable to data for years before 1958.

^c Total for 1954-56 (Three Year Plan).

^d Believed to be in current prices.

^e 1937.

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Table 119
New Urban Housing Construction in the Sino-Soviet Bloc
1950 and 1955-58

Country	Thousand Square Meters				
	1950	1955	1956	1957	1958
USSR	24,200	33,400	36,900	51,100	68,000
Communist China	N.A.	14,000	27,000	14,000	N.A.
North Korea	N.A.	N.A.	6,100 ^a	1,540	N.A.
North Vietnam	N.A.	N.A.	85 ^b	N.A.	N.A.
Albania ^c	6	14	5	10	14
Bulgaria ^c	339	898	769	747	751
Czechoslovakia	2,289	2,127	2,032	2,391	2,035
East Germany	N.A.	1,485	1,276	2,212	2,520
Hungary ^c	425	647	397	1,106	874
Poland ^{c,d}	2,198	2,740	2,683	3,332	3,714
Rumania ^c	370	1,228	1,409	1,586	1,675

^a Total for 1954-56.^b Total for 1955-57.^c Thousand square meters of useful area.^d Excluding "workers settlements."

Table 120
Production of Cement^a
1938, 1946, 1950, and 1955-58

Country	Thousand Metric Tons						
	1938	1946	1950	1955	1956	1957	1958
NATO ^b	54,200	49,500	82,900	121,000	128,000	127,000	127,000
US	18,279	28,102	39,146	53,535	56,690	53,100	55,500
Sino-Soviet Bloc	12,000	N.A.	20,500	41,000	46,600	52,600	62,500
USSR	5,688	3,373	10,194	22,484	24,861	28,900	33,300
Communist China	N.A.	N.A.	1,410	4,500	6,400	6,700	10,000
North Korea	N.A.	N.A.	350	350	597	895	1,244
North Vietnam	312 ^c	36	143	8	197	165	302
European Satellites	6,040	N.A.	8,370	13,700	14,600	16,000	17,700
Albania	9 ^c	N.A.	16	45	65	70	78
Bulgaria	180	N.A.	602	812	859	880	934
Czechoslovakia	1,273 ^d	N.A.	1,998	2,892	3,148	3,672	4,100
East Germany	2,026	570	1,412	2,971	3,269	3,460	3,558
Hungary	323	133	797	1,175	995	989	1,302
Poland	1,719	1,399	2,514	3,813	4,035	4,487	5,041
Rumania	510	315	1,028	1,991	2,186	2,421	2,687

NATO Countries

Country	1957 ^e	1958 ^e	Country	1957 ^e	1958 ^e	Country	1957 ^e	1958 ^e
Belgium ^f	4,705	4,056	Italy	11,869	12,384	Saar	359	N.A.
Canada	5,494	5,724	Luxembourg	190	N.A.	Turkey	1,261	N.A.
Denmark	1,165	1,064	Netherlands	1,320	1,366	UK	12,154	11,856
France	12,708	13,644	Norway	989	1,033	West Ger-		
Greece	1,250	N.A.	Portugal	979	1,025	many	19,252	19,800

^a Data refer, as nearly as possible, to all types of hydraulic cements used for construction.^b Excluding for all years, Iceland, and for 1958, Greece, Luxembourg, and Turkey.^c 1939.^d 1937.^e Preliminary estimate.^f Excluding natural cement.

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Table 121
Production of Bricks
1938, 1950, and 1955-58

Country	Million Units					
	1938	1950	1955	1956	1957	1958
NATO ^a	17,300	22,400	26,800	26,100	23,600	22,600
US	3,533	6,333	7,902	8,085	6,658	6,491
Sino-Soviet Bloc ^b	13,800	15,100	30,200	31,300	55,100	78,000
USSR	7,586	10,179	20,823	21,407	24,700	28,000
Communist China ^c	N.A.	N.A.	N.A.	N.A.	20,000	40,000
North Korea	N.A.	N.A.	620	694	736	N.A.
European Satellites	6,190	4,930	8,780	9,150	9,680	9,980
Albania	3	14	58	61	68	76
Bulgaria	65 ^d	237	444	553	489	524
Czechoslovakia	836 ^e	865	1,668	1,826	2,007	2,200
East Germany	2,556	1,356	1,963	1,954	2,148	2,160
Hungary	647	820	1,237	1,238	1,388	1,416
Poland	1,880	1,271	2,740	2,786	2,890	2,875
Rumania	200	370	668	736	690	725

NATO Countries

Country	1957 ^f	1958 ^f	Country	1957 ^f	1958 ^f	Country	1957 ^f	1958 ^f
Belgium	2,412	2,208	Netherlands	1,583	1,517	UK	6,912	6,432
Canada ^g	471	542	Norway	103	N.A.	West Germany	5,498	5,400

^a Excluding for all years, France, Iceland, and Turkey; for 1938, Belgium; for 1957-58, Denmark; for 1956-58, Greece; for 1938 and 1955-58, Italy; for 1955-58, Luxembourg; and for 1938 and 1957-58, Portugal.

^b Data for North Vietnam are not available.

^c 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.

^d 1939.

^e 1937.

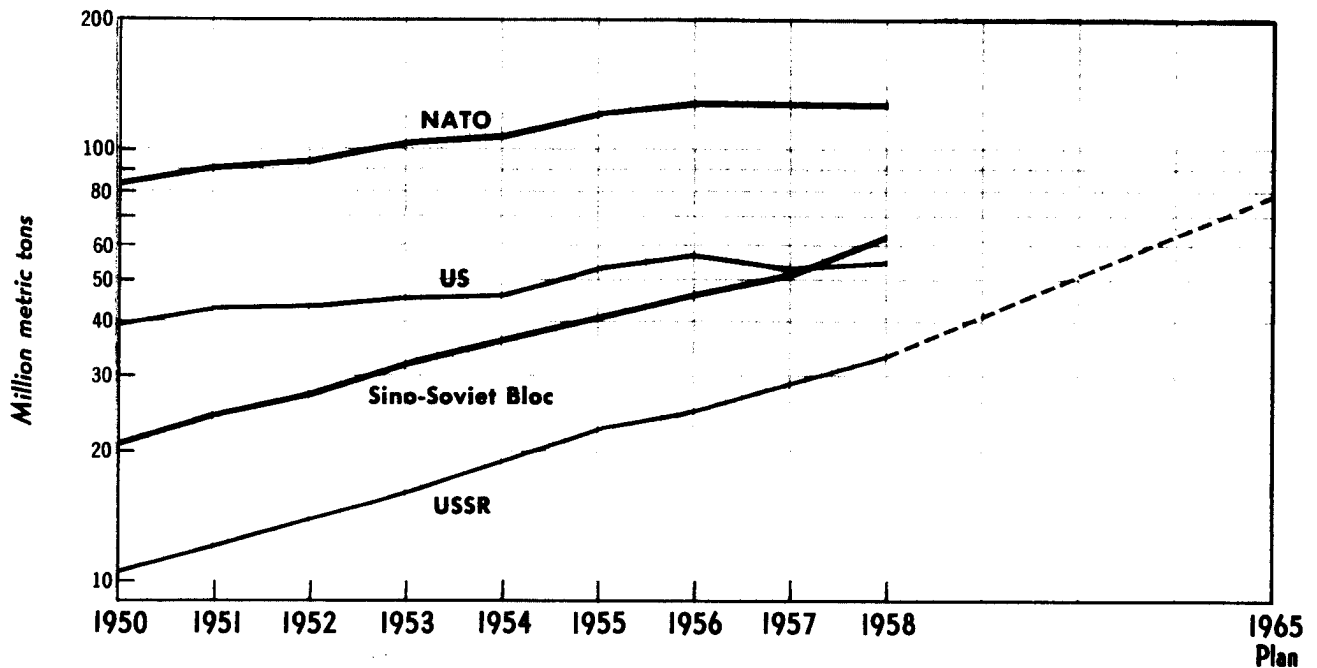
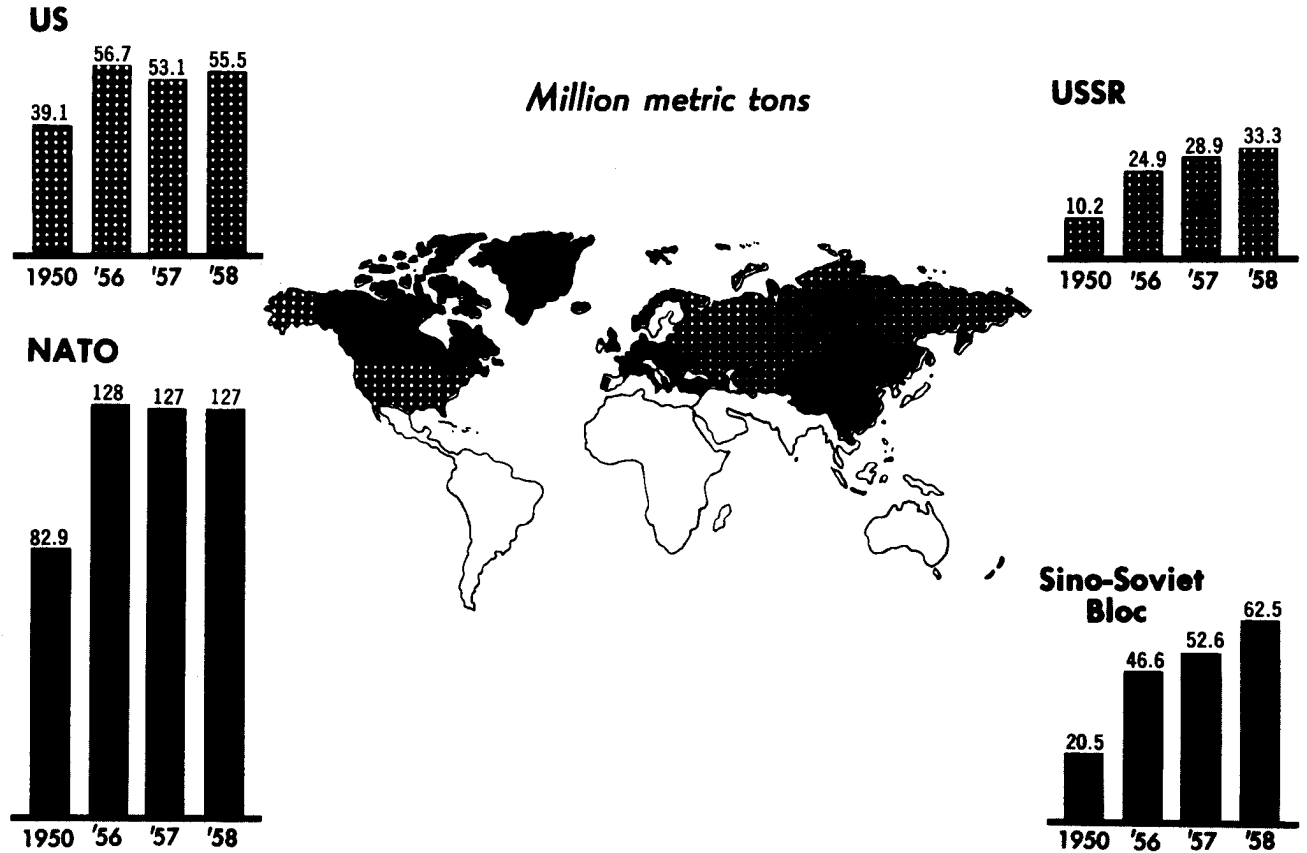
^f Preliminary estimate.

^g Producer sales.

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Figure 18

COMPARISON OF PRODUCTION OF CEMENT IN SELECTED AREAS SELECTED YEARS, 1950-58, AND 1965 PLAN



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Table 122
Number of Radiobroadcasting Transmitters^a
1938, 1950, and 1955-58

Country	1938	1950	1955	1956	1957	Units 1958
NATO ^b	966 ^c	3,550	4,290	4,590	4,920	N.A.
US	734 ^c	2,908	3,364	3,538	3,717	3,889
Sino-Soviet Bloc ^d	113	381	453	495	556	606
USSR	86	162	190	220	256	292
Communist China	N.A.	127	133	140	147	155
North Korea	N.A.	11	9	9	9	9
European Satellites	27	81	121	126	144	150
Albania	1	5	7	8	8	8
Bulgaria	4	5	6	7	7	8
Czechoslovakia	8	21	31	31	33	33
East Germany	N.A.	13	32	34	35	36
Hungary	7	8	8	9	9	13
Poland	N.A.	22 ^e	22	21	36	36
Rumania	2	7	15	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 ^f	45	50	Norway	31	34	West Germany	294	308
Greece	18	18						

^a Including frequency-modulated (FM) and amplitude-modulated (AM) types. Data in some cases refer to radiobroadcasting stations. There may be more than one transmitter per station.

^b Data refer to stations broadcasting to the public, excluding television and service stations. Data in some cases may refer to the number of transmitters. Total for 1956 includes data for 1955 for Iceland, and total for 1957 includes data for 1956 for Turkey and data for 1955 for Iceland.

^c 1937.

^d Data for North Vietnam are not available.

^e 1949.

^f Including Algeria.

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Table 123
Number of Amplitude Modulated (AM) Radiobroadcasting Transmitters in the
US and the Sino-Soviet Bloc ^a
1938, 1950, and 1955-58

Country	Units					
	1938	1950	1955	1956	1957	1958
US	<i>N.A.</i>	2,232	2,824	3,008	3,180	3,318
Sino-Soviet Bloc ^b	113	378	437	458	488	507
USSR	86	160	185	196	206	216
Communist China	<i>N.A.</i>	127	133	140	147	155
North Korea	<i>N.A.</i>	11	9	9	9	9
European Satellites	27	80	110	113	126	127
Albania	1	5	7	8	8	8
Bulgaria	4	5	6	7	7	8
Czechoslovakia	8	21	31	31	32	32
East Germany	<i>N.A.</i>	12	21	21	21	21
Hungary	7	8	8	9	9	11
Poland	<i>N.A.</i>	22 ^c	22	21	33	33
Rumania	2	7	15	16	16	14

^a Data refer to operating broadcasting stations.

^b Data for North Vietnam are not available.

^c 1949.

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Table 124
Number of Radio Receivers in Public Use^a
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
NATO ^b	71,200	136,000	190,000	208,000	217,000	225,000
US	40,800	98,000	135,000	143,500	149,000	155,000
Sino-Soviet Bloc	N.A.	10,800	19,500	22,300	25,600	28,200
USSR	550	1,767	6,097	7,380	8,400	9,600
Communist China	N.A.	1,000	1,690	1,890	2,800	3,300
North Korea	N.A.	100	81	104	110	116
North Vietnam	N.A.	N.A.	N.A.	230	300	370
European Satellites	N.A.	7,940	11,700	12,700	14,000	14,800
Albania	3	20	22	23	24	28
Bulgaria	42	201	327	399	492	607
Czechoslovakia	1,000	2,420	2,840	2,920	2,970	3,080
East Germany	N.A.	3,490	5,010	5,220	5,610	5,096
Hungary	420	618	1,173	1,337	1,520	1,720
Poland	922 ^c	892	1,644	2,003	2,500	3,280
Rumania	252	300	654	768	885	1,031

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	2,256	2,335	Italy	7,400	7,541	Saar	236	N.A.
Denmark	1,822	1,822	Luxembourg	86	89	Turkey	N.A.	1,098
France	10,532	11,259	Netherlands	2,430	2,537	UK ^d	15,754	16,219
Greece	528	765	Norway	1,429	1,250	West Germany	14,879	15,228
Iceland	61	62	Portugal	N.A.	636			

^a Excluding wire-diffusion loudspeaker receiving units.

^b Including for 1950, data for 1949 for Belgium, Denmark, and Portugal, and for 1957, data for 1956 for Turkey and Canada. Total for 1958 includes data for 1956 for Canada. Data for Portugal for 1956-57 are not available. Data refer to the estimated number of radio receivers in use in all countries (except the UK) in 1956-58 and in Canada and the US in all available years. Otherwise, data refer to number of licenses issued. Totals for the UK (1950 and 1955-58) include sound and television licenses combined.

^c Licensed sets only.

^d Sound and television licenses combined.

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Table 125
Number of Wired Loudspeakers in Public Use
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
NATO *	N.A.	N.A.	1,740	1,750	1,710	1,840
Sino-Soviet Bloc	4,380	10,400	22,400	25,500	28,600	33,000
USSR	4,381	9,685	19,544	22,191	24,700	27,500
Communist China	N.A.	96	438	510	980	2,320
North Korea	N.A.	N.A.	12	N.A.	N.A.	N.A.
North Vietnam	N.A.	N.A.	N.A.	N.A.	1	N.A.
European Satellites	0	613	2,410	2,780	2,940	3,200
Albania	0	0	7	8	9	18
Bulgaria	0	26	300	355	406	446
Czechoslovakia	0	0	35	98	180	315
East Germany	0	N.A.	N.A.	N.A.	N.A.	N.A.
Hungary	0	2	241	250	258	266
Poland	0	572	1,319	1,509	1,471	1,476
Rumania	0	13	510	557	615	675

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	132	N.A.	UK	1,042	1,042	West Germany	N.A.	134
Netherlands	531	531						

* Including for all years, the Netherlands and the UK; for 1955-57, Belgium; and for 1958, West Germany. Data refer to the number of licenses issued for radio distribution wired loudspeakers. Date of information varies during the stated year.

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Table 126
Number of Television Broadcasting Stations ^a
1950 and 1955-58

Country	Units				
	1950	1955	1956	1957	1958
NATO ^b	<i>N.A.</i>	581	663	820	1,030
US	439	482	511	521	546
Sino-Soviet Bloc ^c	1	24	35	59	90
USSR	1	11	19	39	60
Communist China	0	0	0	1	3
European Satellites	0	13	16	19	27
Czechoslovakia	0	2	3	3	5
East Germany	0	8	9	9	12
Hungary	0	1	1	1	2
Poland	0	1	2	5	7
Rumania	0	1	1	1	1

NATO Countries

Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	4	5	Luxembourg	1	1	Saar	1	<i>N.A.</i>
Canada ^d	46	59	Netherlands	4	6	Turkey	1	1
Denmark	4	6	Norway	1	1	UK	23	27
France ^e	23	32	Portugal	2	5	West Germany	47	91
Italy ^f	142	252						

^a Data relate to stations broadcasting to the public and in some cases represent the number of stations and/or transmitters.

^b There are no stations in Greece and Iceland. There were no stations in Portugal until 1956.

^c Data for the Sino-Soviet Bloc include major stations only and exclude relay stations and local amateur stations. Data are not available for North Korea and North Vietnam. There are no stations in Albania or Bulgaria.

^d Data for 1957 and 1958 are as of midyear.

^e Including Algeria.

^f Including television relay stations.

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Table 127
Number of Television Receivers in Public Use
1950 and 1955-58

Country	Thousand Units				
	1950	1955	1956	1957	1958
NATO ^a	<i>N.A.</i>	47,000	53,000	60,000	66,800
US	10,600	39,000	42,200	46,100	49,800
Sino-Soviet Bloc ^b	15	869	1,480	2,330	3,720
USSR	15	823	1,324	2,000	3,000
Communist China	0	0	0	0	<i>Negl.</i>
European Satellites	<i>N.A.</i>	46	153	334	720
Bulgaria	0	0	<i>Negl.</i>	1	1
Czechoslovakia	<i>N.A.</i>	32	76	173	315
East Germany	<i>N.A.</i>	14	70	125	274
Hungary	0	<i>Negl.</i>	1	5	14
Poland	<i>N.A.</i>	<i>Negl.</i>	6	22	100
Rumania	0	<i>Negl.</i>	<i>Negl.</i>	8	17

NATO Countries								
Country	1957	1958	Country	1957	1958	Country	1957	1958
Belgium	250	300	Luxembourg	1	4	Saar	6	<i>N.A.</i>
Canada	2,730	<i>N.A.</i>	Netherlands	200	370	Turkey	1	1
Denmark	100	200	Norway	<i>Negl.</i>	1	UK	8,000	9,314
France	700	1,000	Portugal	4	20	West Germany	1,250	2,000
Italy	700	1,070						

^a There are no receivers in Greece or Iceland. There were no receivers in Portugal until 1956. Total for 1958 includes data for 1957 for Canada.

^b There have been no known receivers in use in countries of the Sino-Soviet Bloc that are not listed.

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Table 128
Number of Telephone Subscribers ^a
1938, 1950, and 1955-58

Country	Thousand Units					
	1938	1950	1955	1956	1957	1958
NATO	31,100 ^b	60,300	80,800	86,600	91,500	N.A.
US	19,450 ^b	43,004	56,243	60,190	63,621	N.A.
Sino-Soviet Bloc ^c	2,030	2,980	4,340	4,670	5,030	5,390
USSR ^d	948	1,410	1,932	2,067	2,205	2,343
Communist China	160	230	399	460	551	629
North Korea	N.A.	15	17	19	22	26
European Satellites	921	1,330	1,990	2,120	2,250	2,390
Albania	1	1	2	2	4	7
Bulgaria	N.A.	78	112	120	128	134
Czechoslovakia	216 ^b	451	662	703	743	783
East Germany	270	357	481	506	531	556
Hungary	159	84	152	160	168	176
Poland	206	253	440	475	516	557
Rumania	69	103	145	155	164	178

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	931	987	Iceland	28	33	Portugal	280	305
Canada	4,502	4,816	Italy	2,609	2,871	Saar	60	N.A.
Denmark	923	951	Luxembourg	36	38	Turkey	174	204
France	3,313	3,499	Netherlands	1,229	1,318	UK ^f	7,219	7,355
Greece	137	154	Norway ^e	614	646	West Germany	4,323	4,732

^a 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 which 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.

^b 1937.

^c Data for North Vietnam are not available.

^d Including telephones in booths.

^e Data are as of midyear.

^f Data for 31 March.

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Table 129
Number of Domestic and International Interurban Telephone Calls ^a
1938, 1950, and 1955-58

Country	Million Calls					
	1938	1950	1955	1956	1957	1958
NATO ^b	N.A.	N.A.	4,920	5,750	5,840	N.A.
US	877.0	2,114.8	2,475.0	3,080.0	2,975.0	N.A.
Sino-Soviet Bloc ^c	129	361	567	593	617	666
USSR	64.3	103.0	135.0	143.0	151.0	164.0
Communist China	N.A.	15.6	54.9	61.9	70.9	84.3
North Korea	N.A.	N.A.	3.2	N.A.	N.A.	N.A.
European Satellites	64.5	243	374	388	395	417
Albania	0.1	0.1	0.2	0.2	0.2	0.2
Bulgaria	3.0	18.7	29.9	27.9	29.6	31.0
Czechoslovakia	19.8 ^d	51.5	71.6	75.5	79.4	83.3
East Germany ^e	N.A.	88.6	115.4	119.3	126.3	133.3
Hungary	6.6	13.9	25.2	24.9	24.7	25.5
Poland	28.1	47.0	97.0	102.0	94.0	99.0
Rumania	6.9	22.7	34.9	38.4	40.6	45.1

NATO Countries								
Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	91.0	96.4	Iceland	1.8	1.8	Saar	1.4	N.A.
Canada	171.3	178.6	Italy ^f	268.2	310.2	Turkey	9.2	10.4
Denmark	183.3	196.5	Netherlands	302.6	328.0	UK	323.0	330.0
France	571.5	N.A.	Norway	58.0	57.5	West Germany	636.8	724.1
Greece	6.8	7.3	Portugal	48.6	53.2			

^a Long-distance telephone calls.

^b Excluding for 1955-57, Luxembourg. Total for 1957 includes data for 1956 for France.

^c Data for North Vietnam are not available.

^d 1937.

^e Including both regular long-distance telephone calls and urgent or fast service long-distance calls.

^f Three-minute units.

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Table 130
Number of Telegrams Sent Over the Domestic Public System^a
1938, 1950, and 1955-58

Country	Million Telegrams					
	1938	1950	1955	1956	1957	1958
NATO	345	334	295	284	N.A.	N.A.
US	190.8	175.1	153.2	151.6	143.9	N.A.
Sino-Soviet Bloc ^b	N.A.	206	267	272	277	283
USSR	115.0	154.0	203.0	206.0	209.0	212.0
Communist China	N.A.	11.4	17.2	18.8	20.3	22.5
North Korea	N.A.	N.A.	1.6	N.A.	N.A.	N.A.
European Satellites	N.A.	40.7	45.4	47.4	47.9	48.9
Albania	0.3	1.2	1.5	1.5	1.5	1.6
Bulgaria	3.6	6.8	6.1	6.1	6.0	6.1
Czechoslovakia	4.8 ^c	8.2	9.6	10.0	10.1	10.2
East Germany	N.A.	9.8	7.6	8.0	8.6	9.2
Hungary	2.9	4.0	5.7	6.2	6.2	6.1
Poland	4.2	7.2	10.3	10.8	10.6	10.9
Rumania	3.6	3.5	4.5	4.8	4.8	4.8

NATO Countries

Country	1955	1956	Country	1955	1956	Country	1955	1956
Belgium	4.2	4.1	Iceland	0.3	0.3	Portugal	2.2	2.2
Canada	17.4	17.7	Italy	34.4	36.6	Turkey	11.5	9.9
Denmark	1.5	1.4	Luxembourg	0.2	0.2	UK	20.5	16.8
France	16.3	12.4	Netherlands	2.6	2.6	West Germany	20.5	18.6
Greece	5.1	5.1	Norway	4.7	4.2			

^a Data for the most part refer to all types of domestic telegrams received and sent, excluding foreign telegrams and cablegrams.

^b Data for North Vietnam are not available.

^c 1937.

Table 131
Number of Domestic Subscribers in the Subscriber Telegraph (TELEX) Network
in the Sino-Soviet Bloc^a
1955-58

Country	Units			
	1955	1956	1957	1958
Sino-Soviet Bloc	2,420	2,950	4,940	6,210
USSR	1,000	1,200	1,600	2,000
European Satellites	1,420	1,750	3,340	4,210
Bulgaria	0	0	0	15
Czechoslovakia	N.A.	N.A.	1,000	1,080
East Germany	1,217	1,284	1,704	2,400
Hungary	206	213	275	337
Poland	N.A.	254	365	374

^a There are no TELEX subscribers in Albania, Communist China, North Korea, and North Vietnam. Data for Rumania are not available.

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Table 132
Number of Letters Sent in the Domestic Public System ^a
1938, 1950, and 1955-58

Country	Million Letters					
	1938	1950	1955	1956	1957	1958
NATO ^b	54,000	70,400	86,000	87,200	92,200	N.A.
US ^c	26,042	45,064	55,234	56,441	59,078	N.A.
Sino-Soviet Bloc ^d	N.A.	6,910	9,350	9,710	10,200	10,700
USSR	1,650	2,607	3,788	3,896	4,000	4,100
Communist China	N.A.	608	806	903	1,000	1,107
European Satellites	N.A.	3,700	4,760	4,910	5,180	5,500
Bulgaria	103 ^e	187	185	156	156	156
Czechoslovakia	N.A.	1,059	1,346	1,401	1,446	1,490
East Germany	N.A.	1,142	1,282	1,281	1,343	1,405
Hungary	350 ^f	353	442	405	391	425
Poland	N.A.	828	1,290	1,440	1,615	1,790
Rumania	202	146	214	228	234	238

NATO Countries

Country	1956	1957	Country	1956	1957	Country	1956	1957
Belgium	2,113	2,071	Iceland	8	8	Portugal	315	323
Canada	3,043	3,175	Italy	3,689	3,931	Turkey	163	184
Denmark	420	430	Luxembourg	32	35	UK	9,176	9,097
France	4,896	5,118	Netherlands	N.A.	1,718	West Germany	6,172	6,535
Greece	166	178	Norway	310	329			

^a 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. Unless otherwise indicated, mail is domestic.

^b Total for 1938 includes data for 1937 for Italy. Total for 1950 includes data for 1951 for Denmark and France.

^c Domestic and foreign.

^d Data for North Korea, North Vietnam, and Albania are not available.

^e 1939.

^f 1937.

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Table 133
 Total Trade Turnover of the Sino-Soviet Bloc, by Country
 1950 and 1956-58

Country	Million Current US \$			
	1950	1956	1957	1958
Sino-Soviet Bloc	9,330	20,100	22,800	N.A.
USSR	3,250	7,225	8,319	8,250
Communist China	1,215	3,135	3,035	3,460
North Korea	N.A.	140	215	N.A.
North Vietnam	N.A.	39	128	118
European Satellites	4,870	9,600	11,100	N.A.
Albania	N.A.	66	89	127
Bulgaria	252	587	706	746
Czechoslovakia	1,389	2,573	2,745	2,866
East Germany	876	2,741	3,426	3,570
Hungary	644	960	1,170	1,309
Poland	1,303	2,007	2,227	2,258
Rumania	405	662	700	N.A.

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Table 134
Trade Within the Sino-Soviet Bloc
1956-58

Country	Million Current US \$								
	Imports			Exports			Total Trade		
	1956	1957	1958	1956	1957	1958	1956	1957	1958
Sino-Soviet Bloc ^a	5,660	6,520	N.A.	5,820	6,740	N.A.	14,100	15,800	N.A.
USSR	2,686	2,769	N.A.	2,661	3,230	N.A.	5,347	5,999	5,900 ^b
Communist China	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2,045	1,895	2,160
North Korea	74	111	N.A.	66	97	N.A.	140	208	N.A.
North Vietnam	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	35	104	105
European Satellites ^a	2,900	3,640	N.A.	3,100	3,410	N.A.	6,520	7,580	N.A.
Bulgaria	201	270 ^b	280 ^b	295	320 ^b	340 ^b	497	590	620 ^b
Czechoslovakia	784	965	N.A.	885	865	N.A.	1,669	1,830	1,985 ^b
East Germany	963	1,156	N.A.	1,043	1,360	N.A.	2,006	2,516	N.A.
Hungary	286	486	435	300	309	451	586	795	886
Poland	668	760	N.A.	573	559	N.A.	1,241	1,319	N.A.
Rumania	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	516	530	N.A.

^a Data for Albania are not available, but about 95 percent of Albanian trade is with the Sino-Soviet Bloc.

^b Preliminary estimate.

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Table 135
Trade of the Sino-Soviet Bloc with the Free World, by Country
1956-58

Country	Million Current US \$								
	Imports from Free World			Exports to Free World			Total Trade with Free World		
	1956	1957	1958	1956	1957	1958	1956	1957	1958
Sino-Soviet Bloc ^a	2,280	2,800	N.A.	2,470	2,740	N.A.	5,990	6,880	N.A.
USSR	929	1,169	N.A.	951	1,151	N.A.	1,878	2,320	2,350 ^b
Communist China	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	1,090	1,140	1,300
North Korea	Negl.	N.A.	N.A.	Negl.	N.A.	N.A.	Negl.	7	N.A.
North Vietnam	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	5	24	12
European Satellites ^a	1,350	1,630	N.A.	1,520	1,590	N.A.	3,010	3,390	N.A.
Bulgaria	47	60 ^b	70 ^b	44	55 ^b	60 ^b	90	117	130 ^b
Czechoslovakia	402	422	N.A.	502	493	N.A.	904	915	882
East Germany	370	459	N.A.	365	451	N.A.	735	910	N.A.
Hungary	179	196	194	195	179	229	374	375	423
Poland	353	491	N.A.	412	416	N.A.	765	907	N.A.
Rumania	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	146	170	N.A.

^a Data for Albania are not available, but about 95 percent of Albanian trade is with the Sino-Soviet Bloc.

^b Preliminary estimate.

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Table 136

Trade of the Sino-Soviet Bloc With the Free World, by Area of the Free World
1950 and 1955-57

Thousand Current US \$

Reporting Areas	Imports (f.o.b.) ^b				Exports (c.i.f.) ^b			
	1950	1955	1956	1957	1950	1955	1956	1957
USSR								
Total reporting areas	301,098	601,648	784,070	994,276	252,101	635,606	806,276	1,023,905
US	752	252	3,819	4,481	38,300	17,139	24,468	16,780
Canada	168	2,716	25,026	11,491	104	642	1,027	2,934
OEEC ^d countries	120,280	270,155	428,773	449,603	154,627	435,270	486,728	612,619
Other European countries	64,802	155,852	190,768	211,878	23,676	101,411	179,973	226,319
Near East and Africa	33,364	70,633	48,189	172,120	27,821	29,101	43,964	90,486
Far East	54,521	22,889	49,961	79,590	6,315	10,597	38,630	69,347
Oceania	26,121	6,408	5,778	7,579	1,216	2,188	1,368	715
Latin America	1,090	72,743	31,756	57,534	42	39,258	30,118	4,705
Communist China								
Total reporting areas	452,128	317,263	434,190	521,731	534,695	487,090	641,389	622,622
US	46,548	3	0	9	146,496	195	223	109
Canada	1,896	1,030	2,468	1,461	4,884	3,162	5,815	5,529
OEEC countries	56,869	99,031	182,637	225,813	94,848	128,352	159,440	136,521
Other European countries	395	12,455	11,838	10,373	265	4,128	6,631	13,385
Near East and Africa	3,543	27,028	30,515	59,904	15,566	26,438	38,302	46,079
Far East	331,832	165,038	193,059	198,086	266,807	317,909	422,997	412,819
Oceania	1,897	6,761	10,497	22,162	5,251	5,177	5,414	6,697
Latin America	9,148	5,917	3,176	3,923	578	1,729	2,567	1,483
European Satellites								
Total reporting areas	791,600	1,158,058	1,318,491	1,564,959	939,758	1,283,650	1,473,069	1,509,262
US	25,949	6,791	7,415	81,773	42,285	38,666	40,985	44,551
Canada	3,717	7,996	38,064	19,838	5,946	4,223	9,002	7,586
OEEC countries	583,395	770,892	873,348	997,067	688,010	825,170	976,690	970,945
Other European countries	16,265	70,205	87,107	129,692	46,637	135,608	141,834	189,265
Near East and Africa	29,664	89,159	132,778	143,231	65,200	94,145	127,535	159,865
Far East	28,388	67,635	63,933	61,884	26,906	57,032	66,109	65,412
Oceania	42,801	44,680	41,318	68,159	15,598	8,780	9,950	9,525
Latin America	61,421	100,700	74,528	63,315	49,176	120,026	100,964	62,113

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	Sino-Soviet Bloc *							
Total reporting areas	1,544,826	2,076,994	2,536,810	3,087,283	1,726,554	2,416,179	2,936,857	3,176,912
US	73,249	7,046	11,234	86,263	227,081	65,656	72,754	65,625
Canada	5,781	11,742	65,558	32,790	10,934	8,027	15,844	16,049
OEEC countries	760,544	1,140,097	1,484,779	1,672,544	937,485	1,388,926	1,623,934	1,720,283
Other European countries	81,462	238,512	289,713	351,943	70,578	241,147	328,438	428,969
Near East and Africa	66,571	186,820	211,503	375,432	108,587	149,684	209,832	296,441
Far East	414,741	255,562	306,970	345,639	300,028	385,581	535,674	564,307
Oceania	70,819	57,855	57,593	97,900	22,065	16,145	16,732	16,937
Latin America	71,659	179,360	109,460	124,772	49,796	161,013	133,649	68,301

* Free on board.

^b Unadjusted.

^c Cost, insurance, and freight.

^d Organization for European Economic Cooperation.

* Including North Korea, North Vietnam, and Outer Mongolia.

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Table 137
Construction of Naval Vessels in the Sino-Soviet Bloc ^a
1950-58

Country	Thousand Standard Displacement Tons								
	1950	1951	1952	1953	1954	1955	1956	1957	1958
Sino-Soviet Bloc ^b	162	151	129	155	195	205	170	99.0	61.7
USSR	161	150	124	149	188	196	153	80.0	42.0
Communist China	0.20	0.30	1.50	3.00	3.00	5.00	13.0	15.0	14.0
European Satellites	0.42	1.15	3.05	2.80	3.68	3.72	3.96	4.01	5.71
East Germany	0.42	1.15	3.05	2.80	3.68	3.72	3.96	2.31	2.96
Poland	0	0	0	0	0	0	0	1.70	2.75

^a Including major and minor combatant types but excluding naval auxiliaries.

^b There has been no construction of naval vessels in countries of the Sino-Soviet Bloc that are not listed.

Table 138
Inventory of Naval Vessels, by Type
As of January 1959 ^a

Country	Surface Ships						Submarines	Units
	Aircraft Carriers	Battle-ships	Cruisers	Destroyers	Patrol Vessels	Mine Vessels		
NATO	95	19	99	560	939	1,040	294	
US ^a	80	15	73	381	434	293	196	
Sino-Soviet Bloc ^b	0	0	28	151	1,660	705	466	
USSR	0	0	27	138	1,232	553	430	
Communist China	0	0	1	4	213	33	21	
North Korea	0	0	0	0	43	0	0	
North Vietnam	0	0	0	0	30	0	0	
European Satellites	0	0	0	9	138	119	15	
Albania	0	0	0	0	18	5	0	
Bulgaria	0	0	0	1	29	22	5	
East Germany	0	0	0	0	31	60	0	
Poland	0	0	0	4	37	25	7	
Rumania	0	0	0	4	23	7	3	

^a Data for the US are as of 1 January 1958.

^b Czechoslovakia and Hungary have no naval vessels of these types.

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Table 139

Production of Aircraft, by Type ^a
1957-58

Country	Units							
	Bombers		Fighters		Transports		Others	
	1957 ^b	1958 ^c	1957 ^b	1958 ^c	1957 ^b	1958 ^c	1957 ^b	1958 ^c
NATO	777	807	3,361	2,236	895	837	9,443	2,077
US	599	639	2,384	1,385	662	560	8,383	827
Belgium	0	0	81	67	0	0	0	0
Canada	28	42	136	287	0	2	200	222
France	35	19	129	139	41	42	444	416
Italy	0	0	101	33	1	6	128	117
Netherlands	0	0	66	103	0	11	3	13
Portugal	0	0	0	0	0	0	0	22
Turkey	0	0	0	0	0	0	7	0
UK	115	107	464	222	191	205	192	276
West Germany	0	0	0	0	0	11	86	184
Sino-Soviet Bloc	817	352	3,103	1,065	852	648	3,276	3,171
USSR	817	352	2,715	594	758	513	2,134	2,287
Communist China	0	0	1	104	0	54	0	0
European Satellites	0	0	387	367	94	81	1,142	884
Bulgaria	0	0	0	0	0	0	36	0
Czechoslovakia	0	0	185	8	74	55	788	623
East Germany	0	0	0	0	20	26	0	0
Hungary	0	0	0	0	0	0	50	36
Poland	0	0	202	359	0	0	219	213
Rumania	0	0	0	0	0	0	49	12

^a There has been no production in countries of NATO and of the Sino-Soviet Bloc that are not listed.^b Air, AIS 3-1/15, *Quarterly World Aircraft Production Report, Third Quarter 1958*, 30 Sep. 58.^c Air, AIS 3-1/16, *Quarterly World Aircraft Production Report, First Quarter 1959*, 31 Mar. 59.

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Table 140

Production of Tanks and Assault Guns in the Sino-Soviet Bloc, by Type
1957-58

Country	Units									
	Amphibious Tanks		Medium Tanks		Heavy Tanks		Medium Assault Guns		Heavy Assault Guns	
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
Sino-Soviet Bloc	500	500	4,660	3,400	800	800	800	800	300	300
USSR ^a	500	500	4,000	2,500	800	800	800	800	300	300
European Satellites	0	0	660	900	0	0	0	0	0	0
Czechoslovakia ^{b,c}	0	0	600	600	0	0	0	0	0	0
Poland ^c	0	0	60	300	0	0	0	0	0	0

Sources: ^a Army, ACSI Contribution^b 1957: Army, ACSI Project No. A-581, *Capabilities of the Munitions Industry of Czechoslovakia*, 4 Apr. 1958, p. 20.^c 1958: Army, ACSI Project No. A-1743, *Summary of Significant Sino-Soviet Bloc Weapons and Equipment*, 26 Sep. 1958, p. 93.

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Acid, nitric	66	Civil air carriers, passenger-kilometers flown	93
Acid, sulfuric	3, 64	Coal	2, 4, 14-16
Agricultural employment	11	Cobalt	34
Agricultural machinery	78-80	Coke, metallurgical	18
Agriculture and processed foods	42-59	Combines, corn harvesting	80
Air carriers, civil, passengers carried	93	Combines, grain	78
Air carriers, civil, passenger-kilometers flown	93	Commercial vehicles	3, 4, 87
Aircraft	117	Communications	101-110
Aluminum, primary	35	Construction	98-100
Ammonia, synthetic	65	Construction, new urban housing	99
AM radiobroadcasting transmitters, in- ventory	101, 102	Consumer	60-63
Anthracite coal	14, 15	Conversations, telephone	108
Antifriction bearings	77	Copper, refined	2, 36
Assault guns	117	Corn	45
Automobiles	86	Corn harvesting combines	80
Aviation fuel	23	Cotton, ginned	48
Barley	45	Cotton yarn	60
Bearings, antifriction	77	Crude petroleum	2, 19
Benzol, refined	70	Crude steel	2, 4, 30
Bituminous coal	14, 15	Defense, budget, Soviet	7
Breadgrains	43	Diesel fuel	24
Bricks	100	Diesel locomotives	83
Broadcasting stations, television	105	Distributive shares of GNP in USSR	5
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Brown coal	14, 16	Economic indicators	1-8
Budget, state, Communist China	8	Electric generators	74
Budget, defense, Soviet	7	Electric locomotives	84
Budget, state, USSR	6	Electric motors	74
Buses	87	Electric power	2, 4, 13
Calcium carbide	70	Electron tubes	75
Calls, telephone	108	Electrical	74-76
Calories per day, food availability	59	Employment, civilian	10
Cars, railroad freight, inventory	96	Employment, agricultural	11
Cars, railroad freight, production	84	Employment, nonagricultural	11
Cars, railroad passenger, production	85	Equipment, metallurgical	77
Cattle	51	Expenditures, Communist China	8
Caustic soda	68	Expenditures, USSR	6
Cement	3, 4, 99	Ferroalloying metals	31-34
Chemicals	64-72	Fertilizers, mineral	72
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		Footwear, leather	63

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Foreign trade, intra-Bloc	112	Loudspeakers, wired	104
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Foreign trade with the Free World, Sino-Soviet Bloc	113, 114	Machine tools, metalcutting	76
Forest products and fisheries	54, 55	Machinery industry	76-80
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Freight cars, railroad, production	84	Machinery, metalforming	77
Freight traffic, highway	90	Magnesium, primary	40
Freight, inland water traffic	91, 92	Mainline freight cars	84
Freight traffic, ocean	92	Mainline locomotives	83, 84
Freight traffic, railroad	3, 4, 88, 89	Manganese ore	28
Fuel, aviation	22, 23	Manufactured items	60-87
Fuel, diesel	24	Maritime vessels, construction, Sino-Soviet Bloc	81
Fuel, residual oils	26	Meat	3, 56
Fuels and power	13-26	Merchant fleet, inventory	94
Gas, natural	20	Merchant vessel launchings	81
Gasoline	22	Metalcutting machine tools	76
Generators, electric	74	Metalforming machinery	77
Ginned cotton	48	Metallurgical coke	18
Grain	3, 42-46	Metallurgical equipment	77
Grain combines	78	Metals and minerals	27-41
Grains, bread	43	Military age group	12
Grains, other	45	Military-economic expenditures, Soviet	7
Gross national product	1, 2, 4, 5	Military end items	116, 117
Guns, assault	117	Milk	57
Harvesting combines, corn	80	Mineral fertilizers	72
Hard coal	14, 15	Minerals and metals	27-41
Highway freight traffic	90	Moldboard plows, tractor	80
Hogs	52	Molybdenum	34
Housing construction, new urban	99	Motors, electric	74
Hydroelectric power, US, USSR	13	Motor gasoline	22
Industrial crops	48-50	Motor vehicles, automobiles	86
Industrial production, indexes of	2, 4, 5	Motor vehicles, commercial	3, 4, 87
Industrial wood	54	Motor vehicle tires	73
Inland water freight traffic	91, 92	National product, gross	1, 2, 4, 5
Intra-Bloc trade	112	Natural gas	20
Iron ore	27	Naval vessels, construction	116
Iron, pig	29	Naval vessels, inventory	116
Jet fuel	23	New urban housing construction	99
Kerosine	23	Nickel	33
Launching, merchant vessels, NATO	81	Nitric acid	66
Lead	37	Nitrogen fertilizers	72
Leather footwear	63	Nonagricultural employment	11
Letters mailed	110	Nonferrous ores and metals	35-41
Lignite	14, 16	Oats	45
Livestock	51-53	Ocean freight traffic	92
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Phosphate fertilizers	72	Subscribers, telephone	107
Pickers, corn	80	Sugar	58
Pig iron	29	Sulfur	41
Pipeline transportation, petroleum	93	Sulfuric acid	3, 64
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Primary magnesium	40	Telephone subscribers	107
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Railroad freight cars, production	84	Tires, rubber	73
Railroad freight traffic	3, 4, 88, 89	Toluol	71
Railroad passenger cars, production	85	Tools, metalcutting machine	76
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Receivers, radio, inventory	103	Tractor moldboard plows	80
Receivers, radio, production	3, 75	Tractors	78
Receivers, television, inventory	106	Trade	111-114
Receivers, television, production	3, 76	Trade, intra-Bloc	112
Refined benzol	70	Trade, total turnover, Sino-Soviet Bloc	111
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Vessels, naval, construction, Sino-Soviet Bloc	116	Workers, nonagricultural	11
Water, inland freight traffic	91, 92	Yarn, cotton	60
Wheat	43, 44	Yarn, rayon	62
Wired loudspeakers	104	Yarn, wool	61
		Zinc	39

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