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Series Number Project 00.3085

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Revision of Briefing Handbook of Selected Economic Data

Project Number Project 00.3085 (EP 60-72)

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62	[Redacted] S/TF	27 Mar 61	25X1A
63	O/C	15 Apr 61	
69 - 75	Destroyed	31 May 61	25X1A
66	Filed in our notebook	1 Sep 61	
64	RC Archive	15 Jan 64	
65, 67, 68	RC Supplemental	29 Sep 64	

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S-E-C-R-E-T

TO: Holders of Briefing Handbook of Selected Economic Data  
FROM: Chief, Publications Staff, ORR  
SUBJECT: Revision of Briefing Handbook of Selected Economic Data

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Your Briefing Handbook of Selected Economic Data can be kept up to date by removing the old pages and by inserting the new pages in your loose-leaf binder. These pages contain selected information of current interest.

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S-E-C-R-E-T

FOREWORD

This handbook has been prepared for briefing purposes and contains current comparative estimates for certain significant commodities and economic factors for the countries of the Sino-Soviet Bloc and for NATO.

Unless otherwise indicated, data for the countries of the Sino-Soviet Bloc are ORR estimates or accepted estimates from other sources as of the date appearing at the upper right-hand corner of each page. Totals for NATO, which includes the US, are in many cases preliminary, based on publications of the UN and the OEEC or on other sources. The estimates for the Sino-Soviet Bloc and NATO are reviewed three times each year, and revisions are circulated as necessary.

Blanks in any of the tables indicate that information is lacking concerning either the existence of data or the existence of specific quantities. The symbol N.A. (Not Available) is used to indicate that data exist but that the quantity is not known. The symbol Negl. is used to indicate that data exist but that the quantity is relatively insignificant when compared with similar data for other countries. Totals are summations of available data, and no estimates of unavailable data have been included in the totals.

The totals have been computed from unrounded data and are not necessarily the sum of the rounded components shown. Unless otherwise indicated, tonnages are given in metric tons (mt), and monetary values are current.

S-E-C-R-E-T

S-E-C-R-E-T

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S-E-C-R-E-T

Gross National Product, a/ Average Annual Growth,  
and GNP Per Capita  
Selected Years, 1950-65

February 1961

Country	Billion 1955 US \$								Average Annual Increase b/ (Percent)		GNP Per Capita c/ (1955 US \$)	
	1950	1955	1956	1957	1958	1959	1960	1965 Plan	1951-60	1961-65	1960	1965
NATO	538	674	695	714	708	747	770		4			
US	322	398	405	413	404	431	440		3		2,400	
Canada	21.7	27.1	29.7	29.5	29.7	31.4	32.0		4		1,800	
European NATO d/	194	249	260	271	274	285	300		4			
Of which:												
Belgium	9.2	10.8	11.2	11.5	11.4	11.7	12.0		3		1,300	
Denmark	4.7	5.1	5.2	5.5	5.6	5.9	6.2		3		1,300	
France	39.3	48.6	51.1	54.3	55.5	56.4	58.0		4		1,300	
Italy	23.6	31.5	32.8	34.9	36.4	38.4	40.0		5		810	
Netherlands	8.6	11.4	11.9	12.1	12.3	13.0	13.4		5		1,200	
Norway	3.6	4.3	4.5	4.6	4.6	4.8	4.9		3		1,400	
UK	58.0	66.3	67.6	68.6	68.6	70.7	72.5		2		1,400	
West Germany	37.4	57.6	61.6	64.9	67.0	71.3	76.6		7		1,400	
Sino-Soviet Bloc	188	266	283	298	331	351	N.A.					
USSR	112	156	168	175	192	199	N.A.	281 e/			1,200	
Communist China	31.4	48.5	53.8	56.3	66.7	74.5	83	135 e/	10.2	10.2	120	170
North Korea	0.77 f/	0.82	0.96	1.13	1.3	1.5	1.6	2.8 e/	6.9 g/	11.8	180	280
North Vietnam	N.A.	N.A.	N.A.	N.A.	1.3	1.4	1.5	2.1 e/		7.0	94	120
European Satellites h/	44.3	60.2	60.7	65.5	69.3	74.2	77.4 i/		5.7			
Bulgaria	2.1	3.2	3.2	3.5	3.8	4.4	4.6 j/	N.A.	8.0		580	
Czechoslovakia	9.6	11.6	12.1	12.8	13.6	14.2	14.8 j/	20.1 j/	4.5	6.3	1,100	1,400
East Germany	11.0	15.5	16.0	16.8	18.0	19.3	20.2 j/	26.9 j/	6.3	5.9	1,200	1,600
Hungary	4.1	5.6	5.3	5.8	6.2	6.6	6.9 j/	8.7 j/	5.4	4.7	690	840
Poland	12.8	16.5	17.3	18.6	20.0	20.8	21.7 j/	29.0 j/	5.4	6.0	730	910
Rumania	4.7	7.8	6.8	8.0	7.7	8.9	9.2 j/	14.7 j/	7.0	9.8	500	750

a. Gross national product (GNP) is a measure of the physical volume of goods and services produced by the economy, expressed in terms of market value at constant prices.

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

c. Based on estimates of midyear population.

d. The dollar values of GNP for the European NATO countries in 1955 are estimates of Milton Gilbert and Associates, using the geometric mean of European and US weights. The aggregate GNP for the European NATO countries in 1955 was estimated by the US Department of State, using this source and rough calculations for countries not listed. Estimates for other years were obtained by multiplying the 1955 data in dollars by indexes of GNP at constant domestic prices for the respective countries.

e. Estimated GNP for 1965.

f. 1949.

g. The base year is 1949.

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

i. Preliminary estimates.

j. Based on the planned average annual rates of growth of national income. These rates have been reduced by one percentage point as a rough allowance for the exclusion of governmental and personal services under the Communist concept of national income. Such services are expected to grow much less rapidly than the goods and services covered by the plan.

S-E-C-R-E-T

Gross Investment in Industry  
in the USSR and the US  
1960

February 1961

<u>Country</u>	<u>Billion 1955 US \$</u>
USSR a/	35.7
US b/	19.7

a. Industry in the USSR covers manufacturing, mining, and electric power. Urban distribution of electric power is not included. Soviet industrial investment in 1960 (excluding investment in the construction industry) is estimated at 150 billion 1955 rubles, which is equal to US \$35.7 billion at the conversion rate of 4.2 rubles to US \$1. The major difference between this estimate and that given in the September 1960 revision of the Briefing Handbook is due to the change in the conversion ratio from 5.9 rubles to US \$1 to 4.2 rubles to US \$1. Continuing research in this area is expected to produce further refinement of this estimate.

b. Anticipated US investment for 1960 in new plant and equipment for manufacturing, mining, public utilities, oil and gas drilling, and other industrial investment not classified in the survey of capital expenditures are estimated as follows (Department of Commerce, Survey of Current Business, Dec 1960):

	<u>Billion Current US \$</u>
Manufacturing	14.5
Mining	1.0
Public utilities	5.7
Oil and gas drilling and other industry not included above	2.0
Total	<u>23.2</u>

The deflator of 117.6 used to derive the value in 1955 US dollars was based on the 1960 deflator for new construction and producers durables (Department of Commerce, Office of Business Economics).

S-E-C-R-E-T



S-E-C-R-E-T

Indexes of Industrial Production <sup>a/</sup> for the US,  
Selected Western Countries, and the Sino-Soviet Bloc  
1950 and 1955-60

February 1961

Country	1950=100							Average Annual Increase <sup>b/</sup> (Percent) 1951-60
	1950	1955	1956	1957	1958	1959	1960	
Selected Western Countries								
US <sup>c/</sup>	100	129	134	135	125	141	145	4
France	100	131	144	156	163	171	185	6
Italy	100	153	164	177	183	203	235	9
UK	100	121	121	123	121	130	140	3
West Germany	100	179	193	204	211	225	248	10
Sino-Soviet Bloc								
USSR <sup>d/</sup>	100	167	184	198	213	231	<sup>e/</sup>	<sup>e/</sup>
Communist China <sup>f/</sup>	100	269	343	369	516	686	851	23.9
European Satellites <sup>g/</sup>								
Bulgaria	100	156	163	179	198	216	234 <sup>h/</sup>	8.9
Bulgaria	100	165	184	210	234	281	312 <sup>h/</sup>	12.1
Czechoslovakia	100	135	144	160	175	189	206 <sup>h/</sup>	7.5
East Germany	100	172	181	193	212	235	251 <sup>h/</sup>	9.6
Hungary	100	171	155	181	203	222	249 <sup>h/</sup>	9.6
Poland	100	158	168	183	198	212	229 <sup>h/</sup>	8.6
Rumania	100	155	166	184	209	229	260 <sup>h/</sup>	10.0

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

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

c. This index is the revised industrial production index of the US Federal Reserve Board, which includes utilities.

d. Index of gross values for individual commodities and branches aggregated by 1955 value-added weights. The three sectors covered -- materials, machinery, and consumer goods -- comprise 44.6 percent, 34.0 percent, and 21.4 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of industrial production of the US Federal Reserve Board.

e. The projected range of the increase for the Seven Year Plan (1959-65) is 8.6 to 9.0 percent (1958=100).

f. Estimates of this Office computed by applying value-added weights to figures for commodity production, except in the case of handicraft production, 1952-57, where the official gross value series in constant 1952 prices was used.

g. Indexes for Czechoslovakia and East Germany through 1957 and for Poland through 1955 are from private studies; indexes for subsequent years are estimates of this Office or official estimates of net production accepted by this Office. All indexes for Hungary other than the preliminary estimate for 1960 are official estimates of net production accepted by this Office. Indexes for Rumania, Bulgaria, and the European Satellites as a group are estimates of this Office. Indexes for Bulgaria and Rumania are considered less reliable than the others. Handicraft production is covered explicitly only in the index for Poland. The weighted index for the European Satellites excludes Albania.

h. Preliminary estimates.

S-E-C-R-E-T

Official Indexes of Gross Industrial Production a/  
for the Sino-Soviet Bloc  
1950, 1955-60, and 1965 Plan

February 1961

Country	1950	1955	1956	1957	1958	1959	1960	1965 Plan	Average Annual Increase <u>b/</u> (Percent) 1951-60
1950=100									
Sino-Soviet Bloc									
USSR	100	185	205	226	249	277	305	448	11.8
Communist China	100	287	368	410	681	948	1,223 <u>c/</u>	N.A.	28.5
North Korea	100	164	208	302	413	632	733 <u>c/</u>	1,411 <u>d/</u>	22.1
North Vietnam	N.A. <u>e/</u>	100	193	291	316	414	493 <u>e/</u>	1,224	37.6 <u>e/</u>
European Satellites									
Albania	100	274	299	375	448	536	584 <u>f/</u>	882	19.3
Bulgaria	100	190	218	253	287	358	405 <u>f/</u>	438	15.0
Czechoslovakia	100	170	186	205	228	253	281 <u>f/</u>	N.A.	10.9
East Germany	100	190	202	217	241	271	293 <u>f/</u>	453	11.3
Hungary	100	185	167	195	216	239	270 <u>f/</u>	356 to 367	10.4
Poland	100	212	231	254	278	303	333 <u>f/</u>	506	12.8
Rumania	100	202	225	243	267	294	340 <u>f/</u>	617	13.0

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

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

c. Plan for 1960.

d. Based on the average rate of growth implied by an official plan index for 1967.

e. The base year for this index is 1955, the first postwar year. These official index numbers are not indicative of the true rate of industrial growth, because they reflect in large measure the increases in output resulting from postwar reconstruction rather than from new industrial development.

f. Preliminary estimates.

S-E-C-R-E-T

S-E-C-R-E-T

Production of Primary Aluminum a/  
1950, 1955-60, and 1965 Plan

February 1961

Country	Thousand Metric Tons							
	1950	1955	1956	1957	1958	1959	1960	1965 Plan
NATO	1,210	2,400	2,570	2,510	2,480	2,880	3,050	
US	651.9	1,420.4	1,523.1	1,495.2	1,420.8	1,771.2	1,830	
Sino-Soviet Bloc	172	549	592	624	684	815	947	
USSR	155	430	465	487	513	600	700	1,400 to 1,500 b/
Communist China	0	10	15	39	49	70	84	250 b/
European Satellites	17.5	109	112	97.8	122	145	163	
Czechoslovakia	0	24.4	21.2	16.7	26.4	41.0	55	59
East Germany	0.8	26.9	34.3	34.7	34.1	35.1	35.5	55
Hungary	16.7	37.0	34.8	26.0	39.5	45.7	47.5	55
Poland	0	20.4	21.8	20.4	22.4	22.8	25	75
Rumania	0	0	0	0	0	0	0	25 to 30

a. Data refer to production of primary (virgin) aluminum from domestic and imported ores.

b. Estimated plan for 1965.

S-E-C-R-E-T

Production of Refined Copper a/  
1950, 1955-60, and 1965 Plan

February 1961

Country	Thousand Metric Tons							
	1950	1955	1956	1957	1958	1959	1960	1965 Plan
NATO	2,050	2,410	2,550	2,500	2,440	2,290	2,805	
US	1,276.1	1,436.1	1,545.7	1,534.1	1,450.2	1,222.8	1,629	
Sino-Soviet Bloc	295	463	476	487	516	560	620	
USSR	246.6	377.3	386.7	396.4	406.3	416.5	426.9	772
Communist China	5.3	15.0	14.0	14.0	34.0	55.0	90	170 b/
North Korea	1.6	1.8	2.4	3.2	4.9	10.0 c/	10.0	N.A.
European Satellites	41.0	69.1	73.0	73.1	70.5	78.5	92.8	
Albania d/	0.9	0.9	0.6	0.9	0.9	1.0	1	3 b/
Bulgaria e/	0.1	3.8	4.6	5.1	6.1	9.0	17.3	30
Czechoslovakia	1.0	5.1	5.6	6.1	6.6	7.1	7.6	15.7
East Germany	27.8	33.3	32.8	32.8	32.5	36.9	37.9	45.6
Hungary	N.A.	7.8	6.1	4.3	3.0	3.0	3.0	N.A.
Poland	10.5	15.7	20.3	19.9	17.4	17.5	22.0	28
Rumania	0.7	2.5	3.0	4.0	4.0	4.0	4.0	16 b/

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

b. Estimated plan for 1965.

c. Plan.

d. Blister copper.

e. For 1950 and 1955-58, blister copper. The estimates for 1959-60 and for the 1965 Plan are for production of electrolytic refined copper.

S-E-C-R-E-T

Production of Pig Iron a/  
1950, 1955-60, and 1965 Plan

February 1961

Country	Thousand Metric Tons							
	1950	1955	1956	1957	1958	1959	1960	1965 Plan
NATO	98,900	130,000	132,000	136,000	113,000	120,000	140,000	
US	60,211	71,906	70,461	71,976	52,416	55,100	64,500	
Sino-Soviet Bloc	25,000	46,200	50,200	53,500	64,700	76,400	90,800	
USSR	19,200	33,310	35,754	37,039	39,600	42,972	47,100	65,000 to 70,000
Communist China	978	3,872	4,826	5,940	13,690 b/	20,500 c/	27,500 d/	
North Korea	190	112	187	270	320	585	750	
European Satellites	4,600	8,860	9,460	10,200	11,100	12,400	15,400	21,500
Bulgaria	0	0	0	54	91	177	210	1,400
Czechoslovakia	1,951	2,982	3,282	3,563	3,774	4,245	6,675	7,700
East Germany	337	1,517	1,574	1,663	1,775	1,898	1,980	2,150
Hungary	461	868	755	823	1,082	1,104	1,300	1,600
Poland	1,533	2,920 e/	3,263 e/	3,430 e/	3,592 e/	4,080 e/	4,300 e/	6,620 e/
Rumania	320	570	583	686	737	846	960	2,000

a. Unless otherwise indicated, data refer to the total production of pig iron and blast furnace ferroalloys.

b. Including 4.16 million metric tons of "native iron."

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

d. Approximately one-half of the pig iron was produced in "small modern blast furnaces."

e. The data as presented in this table are deflated from official Polish data. Polish official data for production of pig iron are expressed in terms of basic OH pig iron, thus giving figures that are considerably greater than actual production. The factors used by the Polish to inflate production of pig iron were as follows:

Pig iron for OH steel	x 1.0
Pig iron for foundry steel	x 1.5
Spiegeleisen	x 2.5
Ferromanganese	x 2.5

S-E-C-R-E-T

Production of Crude Steel <sup>a/</sup>  
1950, 1955-60, and 1965 Plan

February 1961

Country	Million Metric Tons							
	1950	1955	1956	1957	1958	1959	1960	1965 Plan
NATO	140	184	188	190	160	175	214	
US	87.85	106.17	104.52	102.25	77.34	84.77	90	
Sino-Soviet Bloc	36.6	62.5	68.7	72.9	80.7	93.2	105	
USSR	27.30	45.27	48.70	51.04	54.92	59.95	65	86.0 to 91.0
Communist China	0.60	2.85	4.46	5.35	8.00 <sup>b/</sup>	13.35 <sup>c/</sup>	18.40 <sup>d/</sup>	
North Korea	0.14	0.14	0.19	0.28	0.36	0.45	0.55	2.5 <sup>e/</sup>
European Satellites	8.55	14.3	15.4	16.2	17.4	19.4	20.9	
Bulgaria	0.03	0.12	0.18	0.21	0.26	0.28	0.30	1.65
Czechoslovakia	3.12	4.47	4.88	5.17	5.51	6.14	6.67	10.6
East Germany	1.27	2.84	3.11	3.30	3.46	3.66	3.73	5.2
Hungary	1.05	1.63	1.42	1.38	1.63	1.76	1.89	2.4
Poland	2.52	4.43	5.01	5.30	5.63	6.16	6.50	9.3
Rumania	0.56	0.77	0.78	0.86	0.93	1.42	1.79	3.3

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

b. Excluding production from native furnaces.

c. Including 4.72 million metric tons of steel made in small side-blown converters.

d. Including 5.50 million metric tons of steel made in small side-blown converters.

e. Plan for 1967.

S-E-C-R-E-T

Production of Selected Agricultural Commodities  
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
Total Grain <sup>a/</sup>	Million MT	296	190	311	100	160 <sup>b/</sup>	3.5	4.8	43.1	0.2	3.5	5.0	5.5	6.7	13.0	9.2
Cotton (Ginned)	Thousand MT	3,430	3,169	3,323	1,500	1,800	N.A.	N.A.	23.0	4.0	17.5	0	0	0	0	1.5
Meat <sup>c/</sup>	Thousand MT	24,000 <sup>d/</sup>	12,337	14,801	6,000	5,500	60	115	3,126	13	190	470	710	285	1,060 <sup>e/</sup>	398

a. Including wheat, rye, barley, oats, corn, and rice, where produced. Data for the USSR, Communist China, and North Korea include other miscellaneous grains but not tubers. Data for the US include other miscellaneous grains, such as sorghum.

b. Excluding 30 million metric tons of tubers as grain equivalents. (Four metric tons of tubers equal 1 metric ton of grain.)

c. Trimmed carcass weight basis. Including beef, veal, pork, mutton, lamb, goat, and horse meat, where produced. Data for the USSR also include poultry meat and slaughter fats but exclude horse meat. Data for Communist China also include poultry meat.

d. Data for 1959, including data for 1960 for the US.

e. 1 July 1959 to 30 June 1960.

S-E-C-R-E-T

Production of Manufactured Items  
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
<b>Chemicals and Rubber</b>																
Sulfuric Acid (100-Percent Basis)	Thousand MT	29,700 a/	16,300	9,620	5,500	1,400	290	Negl.	2,431	0	110	552	720	157	680	212
Synthetic Ammonia (Nitrogen Basis)	Thousand MT	6,860 a/	3,560	2,350	890	360	125	0	977	0	87	136	380	70	282	22
Caustic Soda (100-Percent Basis)	Thousand MT	6,320 a/	4,440	1,990	810	420	30	Negl.	728	0	17	109	330	16	162	94
Synthetic Rubber	Thousand MT	1,730 a/	1,470	474	366	1	0	0	108	0	0	1	86.5	0	20	0
<b>Electronic Equipment</b>																
Electron Tubes	Million Units	900	430	228	125	48	0	0	55.4	0	Negl.	13.2	19	12	10	1.2
Radio Receivers	Thousand Units	24,000 a/	17,000 b/	8,320	4,200	1,800	0	0	2,320	0	150	250	640	200	900	180
Television Receivers	Thousand Units	12,000 a/	5,900	2,570	1,600	10	0	0	962	0	8	230	396	128	200	0
<b>Transportation Equipment</b>																
Commercial Vehicles c/	Thousand Units	2,361	1,217	473.4	381	22	3	0	67.4 d/	0	0	16.0	13.2	4.7	22.5	11.0 d/
Locomotives e/	Units	3,823 f/	1,030 g/	4,203 d/h/	2,180 d/	800 d/	0	0	1,223 d/h/	0	0	280 d/h/	260 h/	380 h/	203 h/	100 h/
Freight Cars e/	Thousand Units	127 i/	61.7	96.3 d/	35.0 d/	32.0 d/	0.8	0	28.5 d/	0	1.2	6.0	5.0	0	13.4 d/	2.9 d/
<b>Machinery and Equipment</b>																
Metalcutting Machine Tools	Thousand Units	N.A.	50.0	284.7	152.0	50.0 i/	2.2	0.6	79.9	0	2.8	24.5	21.0	6.5	21.5	3.6
Tractors	Thousand Units	542	175	322	238.5	10	3	0	70.0	0	0.2 d/	34.3	8.5	2.6	7.4	17.0

a. Data for 1959, including data for 1960 for the US.

b. Including combined radio-phonographs.

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

d. Plan.

e. Mainline unless otherwise indicated.

f. Including data for 1958 for Canada and the UK; for 1959, for France, Italy, and West Germany; and for 1960, for the US.

g. Including exports, which in 1960 totaled about 575 locomotives.

h. Perhaps including narrow-gauge, industrial, or shunting types.

i. For an explanation of production statistics on metalcutting machine tools for Communist China, see footnote a, p. 19, below.



S-E-C-R-E-T

Services  
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Romania
Transportation																
Rail Freight Traffic																
Ton-Kilometers	Billion MKM	1,100	837	2,046 a/	1,500	350	8.6	0.7	186.2	0.1	7.3 b/	47.5	33.0 b/	13.6 c/	66.2	18.5
Tons Carried	Million MT	2,350	1,240	3,567 a/	1,880	720	39.0	3.9	924.1	1.0 b/	40.0 b/	194.8	235.2 b/	98.0 c/	283.3	71.8
Construction																
Production of Cement	Thousand MT	142,600	54,400	85,590	45,200	15,000	2,270	390	22,730	80	1,550	5,000	5,000	1,550	6,500	3,050
Communications																
Inventory of Radio Receivers d/	Thousand Units	229,000	155,000	50,500	28,400 e/	4,400	128	353	17,181	45	817	3,300	5,621	1,975	4,097	1,326

a. Including domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Unless otherwise indicated, freight traffic carried on narrow-gauge railroads in the public transportation system is included.

b. It is not known whether or not data include freight traffic carried on narrow-gauge railroads.

c. Including freight traffic carried on standard-gauge, plus "limited public use" narrow-gauge, railroads.

d. Excluding wired loudspeaker receiving units.

e. The significant increase of radio receivers for 1960 in comparison with that reported for 1959 is based on a more complete accounting of receivers as reported by the USSR.

S-E-C-R-E-T

Trade  
1960

February 1961

Item	Million US \$												
	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czechoslovakia	East Germany	Hungary	Poland	Rumania
<b>Total Trade Turnover</b>													
Exports		N.A.	N.A.	N.A.	N.A.		N.A.	580	2,000	N.A.	850	1,300	N.A.
Imports		N.A.	N.A.	N.A.	N.A.		N.A.	600	1,850	N.A.	1,000	1,500	N.A.
Total		<u>11,000 a/</u>	<u>4,200 a/</u>	<u>320</u>	<u>195</u>		<u>N.A.</u>	<u>1,180</u>	<u>3,850</u>	<u>4,500</u>	<u>1,850</u>	<u>2,800</u>	<u>1,200</u>
<b>East-West Trade</b>													
Exports to West		N.A.	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports from West		N.A.	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Total		<u>3,300 a/</u>	<u>1,400 a/</u>	<u>13</u>	<u>15</u>		<u>N.A.</u>	<u>230</u>	<u>1,100</u>	<u>1,100</u>	<u>590</u>	<u>1,100</u>	<u>300</u>
<b>Intra-Bloc Trade</b>													
Exports to Other Bloc Countries		N.A.	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Imports from Other Bloc Countries		N.A.	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Total		<u>7,700 a/</u>	<u>2,800 a/</u>	<u>307</u>	<u>180</u>		<u>N.A.</u>	<u>950</u>	<u>2,750</u>	<u>3,400</u>	<u>1,260</u>	<u>1,700</u>	<u>900</u>
<b>Aid Programs b/</b>													
Bloc Aid to Underdeveloped Countries of the Free World, by Assisting Country (Jan 1954 - Dec 1960)	4,800	3,552	282	0	0	966	0	4	654	58	18	220	12
Soviet Aid to Bloc Countries (Jan 1956 - Dec 1960)	2,146 c/		0	117.5	265	1,763	139.3	371.6	13.5	515.0	328.8	300.0	95.0
Chinese Communist Aid to Bloc Countries (Jan 1954 - Oct 1960)	841 d/	0		330	300	96	38	0	0	0	58	0	0

a. Estimated data.

b. Extension of credits and grants.

c. Excluding US \$212.6 million of Soviet aid to Mongolia.

d. Including US \$115 million of Chinese Communist aid to Mongolia.

S-E-C-R-E-T

S-E-C-R-E-T

Military End Items  
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Romania
<b>Aircraft Production a/</b>																
Fighters	Units	1,033	630	735	527	108	0	0	100	0	0	0	0	0	100	0
Bombers	Units	597	471	40	40	0	0	0	0	0	0	0	0	0	0	0
Transports	Units	592 b/	386	592 c/	411	149	0	0	32	0	0	30	2	0	0	0
<b>Naval Vessels</b>																
Naval Strength as of 31 October 1960 d/																
<b>Surface Vessels</b>																
Aircraft Carriers	Units	40 e/	25 f/	0	0	0	0	0	0	0	0	0	0	0	0	0
Battleships	Units	10 g/	8 f/	0	0	0	0	0	0	0	0	0	0	0	0	0
Cruisers	Units	65 g/	46 f/	25	25	0	0	0	0	0	0	0	0	0	0	0
Destroyers	Units	561 g/	369 f/	212	196	4	0	0	12	0	0	0	4	0	4	4
Patrol Vessels	Units	750 g/	301 f/	1,465	1,016	223	37	22	167	18	29	0	38	0	49	33
Mine Vessels	Units	938 g/	208 f/	743	562	27	22	4	128	5	19	0	54	0	18	32
Amphibious Vessels	Units	341 g/	254 f/	1,071	722	305	0	0	44	0	16	0	0	0	28	0
Submarines	Units	259 g/	150 f/	453	415	23	0	0	15	0	5	0	0	0	7	3
<b>New Construction</b>																
Surface Vessels	Thousand LSD g/	N.A.	N.A.	87.9	74.2	11.0	Negl.	Negl.	2.7	0	0	0	Negl.	Negl.	2.7	Negl.
Submarines	Thousand LSD	N.A.	N.A.	46.0	36.3	7.0	Negl.	Negl.	2.7	0	0	0	Negl.	Negl.	2.7	Negl.
<b>Tank and Assault Gun Production (by Type) h/</b>																
Amphibious Tanks	Units	N.A.	N.A.	500	500	0	0	0	0	0	0	0	0	0	0	0
Medium Tanks	Units	N.A.	N.A.	4,250	3,000 to 4,000	500	0	0	0	0	0	0	0	0	0	0
Heavy Tanks	Units	N.A.	N.A.	300	300	0	0	0	750	0	0	400	0	0	350	0
Medium Assault Guns	Units	N.A.	N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0
Heavy Assault Guns	Units	N.A.	N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0

a. Source of data for the Sino-Soviet Bloc: CIA; source of data for NATO: APIC.  
 b. Including both civil and military transports.  
 c. Including for the Sino-Soviet Bloc countries both civil and military transports, the majority of which are civil (breakdown not available).  
 d. Source of data for the Sino-Soviet Bloc and NATO (except the US): Navy, ONI, 30-SD, Strength and Disposition of Foreign Navies, 31 October 60; S; source of data for the US: Navy, OPNAV, Form 5441-34, Report of Inventory and Assignment of Naval Ships as of 31 December 1960, 6 Jan 61, C. Data for the US and NATO include reserve and active fleets.  
 e. Including US data as of 31 December 1960.  
 f. Naval strength as of 31 December 1960.  
 g. Light ship displacement (LSD) is the weight in long tons of a vessel complete and ready for service in every respect including ballast and liquids in the machinery at operating levels but excluding the crew, their effects, and all items of consumable or variable load such as stores, fuel, and cargo.  
 h. Source: Estimates presented by ACSI at the Fifth ABC Land Armaments Production Conference, Ottawa, 4-7 October 1960, S.

S-E-C-R-E-T

Production of Energy and Fuels  
1960

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
Electric Power, a/ Total	Billion KWH b/	1,475 c/	896	478	295	58	2	0.25	115.78	0.18	4.53	24.27	42.50	7.60	29.00	7.70
Hydro	Billion KWH	395	155	78	55	9	8.5	0.01	5.65	0.11	1.45	2.43	0.64	0.08	0.60	0.34
Thermal	Billion KWH	1,080	741	400	240	49	0.5	0.24	110.13	0.07	3.08	21.84	41.86	7.52	28.40	7.36
Nuclear d/	Billion KWH	(2.5)	(0.6)	(1)	(1)	0	0	0	0	0	0	0	0	0	0	0
Hard Coal e/ and Lignite	Million MT	827	388	942	366	425 f/	6.5	2.45	142.0	0	0.55	27.6	2.66	2.85	104.0	4.3
Crude Petroleum	Million MT	386	348	166	147.5	5.2 g/	0	0	13.8	0.67	16.7	56.7	225.0	23.69	9.2	4.1
Natural Gas h/	Billion Cubic Meters	389	365	57	44	N.A.	0	0	12.9	Negl.	Negl.	2.00	0.04	0.33	0.51	10.00
Primary Energy from Major Sources, Total	Million MT/SF i/	2,060	1,400	1,380	677	407	12	2	279	1	10	52	73	15	93	35
Hydroelectric Power	Million MT/SF	169 j/	61 k/	37	25 l/	4.5 m/	4.2 m/	0.005 m/	2.8 m/	0.05	0.72	1.2	0.32	0.04	0.30	0.17
Coal	Million MT/SF	866	404	1,030	388	395	7.8	2.3	238	0.15	8.7	48	73	13	92	3.6
Petroleum (Crude Oil and Natural Gas)	Million MT/SF	1,020	936	310	264 n/	7.8	0	0	38	0.94	0.25	2.8	0.06	2.0	0.93	31

- a. Data pertain to gross production (including powerplant use).  
b. Kilowatt-hours.  
c. Gross production data derived by inflating net production figure for thermal powerplants to allow for 7 percent station consumption by thermal powerplants.  
d. Nuclear power is included in the thermal power total, as it is only a subdivision of thermal power.  
e. Including anthracite and bituminous coal.  
f. Including a negligible amount of brown coal.  
g. Including natural and synthetic crude oil.  
h. Production for NATO, the US, and the USSR excludes gas for repressuring and gas wasted.  
i. Standard fuel (SF) has a calorific value of 7,000 kilocalories per kilogram.  
j. Converted at 450 grams per kilowatt-hour for NATO countries (except for the US).  
k. Converted at 395 grams per kilowatt-hour, the projected national average for 1960.  
l. Converted at 456 grams per kilowatt-hour, the projected national average for 1960.  
m. Converted at 500 grams per kilowatt-hour.  
n. Converted at 1.43 metric tons of standard fuel per metric ton of crude oil and 1.2 metric tons of standard fuel per thousand cubic meters of natural gas.

S-E-C-R-E-T

US Government Economic Aid and Sino-Soviet Bloc Aid  
to Selected Free World Countries  
1 July 1955 - December 1960

February 1961

Recipient Country	US <sup>a/</sup>	Sino-Soviet Bloc		Total
	Economic Aid	Economic Aid	Military Aid	
Total	7,130.4	3,576		4,772
Afghanistan	106.0		1,197	
Argentina	300.9	206		245
Brazil	645.7	104	39	104
Burma	72.7	3		3
Cambodia	172.7	12		12
Ceylon	67.0	72		72
Cuba	20.1	58		58
Egypt	180.7	208		208
Ethiopia	73.2	586		901
Ghana	4.3	114	315	114
Guinea	4.3	50		50
Iceland	27.1	107		107
India	1,936.5	5	b/	5
Indonesia	256.4	932		932
Iran	341.5	501		1,007
Iraq	13.0	6	506	6
Morocco	199.1	216	188	404
Nepal	20.2		4	4
Pakistan	1,005.7	41		41
Sudan	44.7	3		3
Syria	32.7	b/		b/
Tunisia	182.2	177		304
Turkey	813.2	8	128	8
Yemen	11.2	12		12
Yugoslavia	599.5	44	17	61
		111 c/		111 c/

a. Including economic and technical assistance and defense support obligations under the Mutual Security Program, PL 480 funds earmarked for country use, Development Loan Fund approvals, and authorized long-term Export-Import Bank loans.

b. US \$0.5 million or less.

c. Excluding some US \$350 million in Bloc credits extended to Yugoslavia in 1956 and either canceled or allowed to expire.

S-E-C-R-E-T

UNCLASSIFIED

Population of the Sino-Soviet Bloc, the US, and NATO  
Selected Years, 1938-75

February 1961

Midyear Population in Millions

Country	Prewar Boundaries		Present Boundaries																			
	1938	1938	1945	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1970	1975	
USSR	168.5	191.7	176.0	182.3	185.2	188.1	190.9	193.8	197.0	203.5	206.9	210.3	213.9	217.4	220.9	224.3	227.6	231.0	247.1	263.3		
European Satellites	112.3	95.5	90.1	82.7	90.5	91.4	92.3	93.3	94.3	95.2	95.9	96.8	97.7	98.5	99.3	100.3	101.2	102.0	103.0	107.5	112.7	
Albania	1.0	1.0	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	1.8	2.1	2.4	
Bulgaria	6.2	6.7	6.9	7.3	7.3	7.3	7.3	7.4	7.5	7.6	7.7	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.6	9.0		
Czechoslovakia	15.3	14.5	14.2	12.4	12.5	12.7	12.8	13.0	13.1	13.2	13.4	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.8	15.4	
East Germany a/	26.1 b/	16.6	17.9	18.4	18.4	18.3	18.2	18.1	17.9	17.7	17.5	17.4	17.3	17.2	17.1	17.0	17.0	16.9	16.8	16.7	16.7	
Hungary	9.2	9.2	9.3	9.3	9.4	9.5	9.6	9.7	9.8	9.9	9.8	9.9	9.9	10.0	10.1	10.1	10.2	10.3	10.3	10.7	11.0	
Poland	34.7	31.9	25.0	24.8	25.3	25.8	26.3	26.8	27.3	27.8	28.3	28.8	29.3	29.7	30.2	30.7	31.1	31.5	32.0	34.0	36.4	
Rumania	19.6	15.6	15.7	16.3	16.5	16.6	16.8	17.0	17.3	17.6	17.8	18.1	18.3	18.5	18.7	18.9	19.1	19.3	19.5	20.6	21.8	
Asian Countries	502	502	518	571	581	594	607	621	636	651	666	683	700	718	736	754	773	792	812	919	1,039	
Communist China	480	480	514	547	558	570	583	597	612	627	642	658	675	692	709	727	745	764	783	886	1,002	
North Korea	8.9	8.9	9.2	9.1	7.9	7.9	8.0	8.1	8.2	8.4	8.6	8.7	8.9	9.1	9.3	9.5	9.7	9.8	10.0	11.1	12.2	
North Vietnam	12.8	12.8	14.1	14.4	14.6	14.8	14.9	15.1	14.7	14.5	14.9	15.3	15.6	16.0	16.4	16.8	17.2	17.7	18.2	20.5	23.1	
Mongolia	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.2	1.3	
Total Sino-Soviet Bloc	783	790	804	843	857	873	890	908	927	946	966	987	1,008	1,030	1,052	1,076	1,098	1,122	1,146	1,273	1,415	
US	130.0	130.0	139.9	151.7	154.4	157.0	159.6	162.4	165.3	168.2	171.2	174.1	177.1	180.1	183.2	186.2	189.3	192.5	195.7	213.8	235.2	
Other NATO Countries	240.4	232.8	248.7	263.8	266.3	268.8	271.4	274.1	276.8	279.7	282.8	286.0	289.1	292.1	294.5	297.2	299.8	302.5	305.1	319.2	334.4	
Belgium	8.4	8.4	8.3	8.6	8.7	8.7	8.8	8.8	8.9	8.9	9.0	9.1	9.1	9.2	9.2	9.3	9.3	9.4	9.4	9.7	10.1	
Canada	11.4	11.4	12.3	13.7	14.0	14.5	14.9	15.3	15.7	16.1	16.6	17.1	17.5	17.8	18.2	18.5	18.8	19.2	19.6	21.1	22.6	
Denmark	3.8	3.8	4.0	4.3	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.9	5.1		
France	41.9	41.9	39.1	41.7	42.1	42.4	42.7	43.0	43.3	43.6	44.1	44.5	45.0	45.4	45.7	46.0	46.3	46.6	46.8	48.4	50.1	
West Germany a/	39.9	39.9	43.8	47.8	48.4	48.7	49.2	49.7	50.2	50.8	51.5	52.2	52.7	53.1	53.5	53.9	54.3	54.6	54.9	56.2	57.0	
Greece	7.2	7.2	7.3	7.6	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.7	8.7	9.2	9.7	
Iceland	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Italy	43.6	43.0	45.0	46.6	47.0	47.3	47.5	47.8	48.1	48.3	48.5	48.7	49.0	49.2	49.5	49.9	50.3	50.6	51.0	53.2	55.8	
Luxembourg	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
Netherlands	8.7	8.7	9.3	10.1	10.3	10.4	10.5	10.6	10.8	10.9	11.0	11.2	11.3	11.5	11.6	11.7	11.8	11.9	12.0	12.5	13.0	
Norway	2.9	2.9	3.1	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.9	4.0	
Portugal	7.5	7.5	8.0	8.4	8.5	8.5	8.6	8.7	8.8	8.8	8.9	9.0	9.1	9.1	9.2	9.3	9.4	9.4	9.5	10.0	10.5	
Turkey	17.2	17.2	18.8	20.8	21.4	22.1	22.7	23.3	23.9	24.6	25.3	25.9	26.6	27.4	28.1	28.8	29.6	30.4	31.1	35.3	39.8	
UK	47.5	47.5	49.2	50.3	50.3	50.4	50.6	50.8	51.0	51.2	51.5	51.7	51.9	52.2	52.3	52.5	52.6	52.8	53.0	54.3	56.1	
Total NATO c/	370	370	389	416	421	426	431	436	442	448	454	460	466	472	478	483	489	495	501	533	570	

a. Excluding West Berlin.

b. The population of West Berlin in 1938 is estimated to have been 2.7 million persons.

c. Inasmuch as West Berlin is not an integral part of NATO, the NATO total does not include West Berlin. The estimated population of West Berlin for the period 1951-75 is about 2.2 million persons.

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S-E-C-R-E-T

Military Age Group, Size of Armed Forces,  
and Civilian Labor Force  
Selected Years, 1956-66

February 1961

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USER	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho- slovakia	East Germany	Hungary	Poland	Rumania
Military Age Group <u>a/</u> (Males 20-29)																
1956	Million Persons	N.A.	11.2	79	18.7	51	0.5	1.3	7.47	0.13	0.66	0.93	1.10	0.76	2.33	1.56
1961	Million Persons	N.A.	11.3	85	19.2	56	0.6	1.4	7.50	0.14	0.61	0.91	1.26 <u>b/</u>	0.69	2.31	1.58
1966	Million Persons	N.A.	12.9	88	17.0	61	1.0	1.6	7.17	0.15	0.58	0.99	1.11 <u>b/</u>	0.72	2.12	1.50
Size of Armed Forces, Mid-1960																
Military	Thousand Persons	6,000	2,509	8,630	3,875 <u>c/</u>	2,828	368	307	1,260	38	162	220	142	138	274	282
Militarized Security	Thousand Persons	5,700		8,050	3,625 <u>c/</u>	2,828 <u>d/</u>	353	272	975	28	127	175	92	103	229	222
	Thousand Persons	300		580	250 <u>e/</u>	8/	15	35	280	10	35	45	50	35	45	60
Civilian Labor Force, 1960	Million Persons	N.A.	72.7 <u>f/</u>	502	105.6	335	4.0	8.2	48.8	0.77	4.06	6.47	8.34 <u>g/</u>	4.57	14.01	10.53

- a. Beginning-of-year estimate.  
b. Assuming an average annual emigration of 200,000 persons of all ages.  
c. 1 January 1960.  
d. Including 200,000 public security forces subordinate to the Ministry of National Defense.  
e. The militarized security forces of Communist China are subordinate to the Ministry of National Defense.  
f. Mid-1960.  
g. Assuming a declining net emigration.

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Production of Major Industrial Commodities  
and Grain in Communist China  
1952-60

February 1961

Item	Unit of Measure	1952	1953	1954	1955	1956	1957	1958	1959	1960
Crude Steel	Million MT	1.35	1.77	2.22	2.85	4.46	5.35	8.0	13.4	18.4
Coal	Million MT	66.5	69.7	83.7	98.3	110.4	130.7	270.2	347.8	425
Crude Oil	Million MT	0.44	0.62	0.79	0.97	1.16	1.46	2.26	3.7	5.2
Electric Power	Billion KWH	7.26	9.2	11.0	12.3	16.6	19.3	27.5	41.5	58.3
Machine Tools a/	Thousand Units	13.7	20.5	15.9	13.7	25.9	28.3	30	33	38
Trucks	Thousand Units	0	0	0	0	1.6	7.5	16.0	19.4	22
Tractors	Thousand Units	0	0	0	0	0	0	1	3	10
Cement	Million MT	2.86	3.88	4.60	4.50	6.39	6.86	9.30	12.27	15
Timber	Million Cubic Meters	11.2	17.5	22.2	20.9	20.8	27.9	35.0	41.2	43
Paper (Machine Made)	Million MT	0.37	0.43	0.55	0.59	0.74	0.91	1.22	1.7	2.13
Chemical Fertilizers b/	Thousand MT	39	53	71	85	132	159	266	410	580
Sulfuric Acid	Thousand MT	190	260	344	375	517	632	740	1,050	1,400
Cotton Cloth	Billion Linear Meters	3.83	4.69	5.23	4.36	5.77	5.05	5.7	7.5	7.6
Cigarettes	Million Cases	2.6	3.6	3.7	3.6	3.9	4.5	4.8	5.5	6.0
Salt	Million MT	4.9	3.6	4.9	7.5	4.9	8.3	10.4	11.0	14.0
Grain, Including Tubers	Million MT	168	169	160	175	182	185	212	190	190

a. Machine tools that approximate internationally accepted classifications for metalcutting machine tools. A simple count of machine tools produced, however, greatly overstates the Chinese Communist position with respect to the US because of the lower average of complexity of Chinese machine tools.

b. Chemical nutrient equivalents based on amounts of nitrogen, phosphoric anhydride, and potassium oxide.



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Production of Major Industrial Commodities and Grain  
in Communist China, India, the USSR, and the US  
1959

February 1961

1959 Production

Item	Unit of Measure	Communist China	India	USSR	US
Crude Steel	Million MT	13.4	2.4	59.95	84.8
Coal	Million MT	347.8	47.8	506.5	389.6
Crude Oil	Million MT	3.7	0.44	129.5	348
Electric Power	Billion KWH	41.5	18.2	264	836
Machine Tools <u>a/</u>	Thousand Units	33	N.A.	146	33.9
Trucks	Thousand Units	19.4	24.5	370.5	1,137.1
Tractors	Thousand Units	3	N.A.	213.5	304.5
Cement	Million MT	12.27	6.95	38.8	60.4
Timber	Million Cubic Meters	41.2	17.0	265	264.4
Paper (Machine Made)	Million MT	1.7	0.3	2.3 <u>b/</u>	13.5 <u>b/</u>
Chemical Fertilizers <u>c/</u>	Thousand MT	410	111.4	3,045	7,117
Sulfuric Acid	Thousand MT	1,050	297	5,100	15,893
Cotton Cloth	Billion Linear Meters	7.5	6.1	6.2	8.7 <u>d/</u>
Cigarettes	Million Cases	5.5	0.6	5.1	9.6
Salt	Million MT	11.0	4.2	6.1	22.8
Grain, Including Tubers	Million MT	190	89.1 <u>e/</u>	100 <u>e/</u>	185 <u>e/</u>

a. Machine tools that approximate internationally accepted classifications for metalcutting machine tools. A simple count of machine tools produced, however, greatly overstates the Chinese Communist position with respect to the US because of the lower average of complexity of Chinese machine tools.

b. Excluding paper board.

c. Chemical nutrient equivalents based on amounts of nitrogen, phosphoric anhydride, and potassium oxide.

d. Including mixed fabrics; predominantly of cotton.

e. Excluding tubers.

Approved For Release 2000/05/15 : CIA-RDP79T01049A002000220001-4

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TO: Holders of Briefing Handbook of Selected Economic Data  
FROM: Chief, Publications Staff, ORR  
SUBJECT: Revision of Briefing Handbook of Selected Economic Data

Your Briefing Handbook of Selected Economic Data can be kept up-to-date by removing the old pages and by inserting the new pages in your loose-leaf binder. These pages contain selected information of current interest.

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S-E-C-R-E-T

FOREWORD

This handbook has been prepared for briefing purposes and contains current comparative estimates for certain significant commodities and economic factors for the countries of the Sino-Soviet Bloc and for NATO.

Unless otherwise indicated, data for the countries of the Sino-Soviet Bloc are ORR estimates or accepted estimates from other sources as of the date appearing at the upper right-hand corner of each page. Totals for NATO, which includes the US, are in many cases preliminary, based on publications of the UN and the OEEC or on other sources. The estimates for the Sino-Soviet Bloc and NATO are reviewed three times each year, and revisions are circulated as necessary.

Blanks in any of the tables indicate that information is lacking concerning either the existence of data or the existence of specific quantities. The symbol N.A. (Not Available) is used to indicate that data exist but that the quantity is not known. The symbol Negl. is used to indicate that data exist but that the quantity is relatively insignificant when compared with similar data for other countries. Totals are summations of available data, and no estimates of unavailable data have been included in the totals.

The totals have been computed from unrounded data and are not necessarily the sum of the rounded components shown. Unless otherwise indicated, tonnages are given in metric tons (mt), and monetary values are current.

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Gross National Product, <sup>a/</sup> Average Annual Growth,  
and GNP Per Capita  
Selected Years, 1950-65

Revised September 1960

Country	Billion 1955 US \$						Average Annual Increase <sup>b/</sup> (Percent)		GNP Per Capita <sup>c/</sup> 1955 US \$	
	1950	1955	1956	1957	1958	1959	1951-52	1960-65	1952	1965
NATO	538	674	695	714	708	747				
US	322	398	405	413	404	431	3.7		2,400	
Canada	21.7	27.1	29.7	29.5	29.7	31.4	4.2		1,800	
European NATO <sup>d/</sup>	194	249	260	271	274	285	4.4			
Of which:										
Belgium	9.2	10.8	11.2	11.5	11.4	11.7	2.7		1,300	
Denmark	4.7	5.1	5.2	5.5	5.6	5.9	2.6		1,300	
France	39.3	48.6	51.1	54.3	55.5	56.4	4.1		1,300	
Italy	23.6	31.5	32.8	34.9	36.4	38.4	5.6		780	
Netherlands	8.6	11.4	11.9	12.1	12.3	13.0	4.6		1,200	
Norway	3.6	4.3	4.5	4.6	4.6	4.8	3.2		1,300	
UK	58.0	66.3	67.6	68.6	68.6	70.7	2.2		1,400	
West Germany	37.4	57.6	61.6	64.9	66.7	70.6	7.3		1,300	
Sino-Soviet Bloc	188	266	285	300	333	353				
USSR	112	156	168	175	192	199				
Communist China	31.4	48.5	53.8	56.3	66.7	74.5	6.6	5.9	950	1,200
North Korea	N.A.	0.82	0.96	1.13	1.3	1.5	10.1	10.5	110	170
North Vietnam	0.77 <sup>f/</sup>						6.9 <sup>g/</sup>	11.0	170	280
European Satellites <sup>h/</sup>	43.5	60.7	61.9	67.5	71.7	76.8		7.7	90	120
Bulgaria	2.0	2.9	3.0	3.3	3.6	4.1		8.3	530	1,200
Czechoslovakia	8.5	11.4	12.1	13.0	14.0	15.0		6.5	1,100	1,600
East Germany	10.9	15.3	16.0	16.8	17.9	19.2		6.5	1,100	1,700
Hungary	5.0	6.9	6.1	7.4	7.8	8.4		5.9	850	1,100
Poland	11.9	16.2	17.3	18.4	19.3	20.2		6.1	690	920
Rumania	5.2	8.0	7.4	8.6	9.1	9.9		7.4	540	900

a. Gross national product (GNP) is a measure of the physical volume of goods and service produced by the economy, expressed in terms of market value at constant prices.

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

c. Based on estimates of midyear population.

d. The dollar values of GNP for the European NATO countries in 1955 are estimates of Milton Gilbert and Associates, using the geometric mean of European and US weights. The aggregate GNP for the European NATO countries in 1955 was estimated by the US Department of State, using this source and rough calculations for countries not listed. Estimates for other years were obtained by multiplying the 1955 data in dollars by indexes of GNP at constant domestic prices for the respective countries.

e. Estimated GNP for 1965.

f. 1949.

g. The base year is 1949.

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

i. Based on the planned percentage increase in national income (according to the Communist concept).

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S-E-C-R-E-T

Distributive Shares of Gross National Product  
in the USSR  
1959

September 1960

<u>Category</u>	<u>Percent of Total a/</u>
Consumption	61.3
Investment	28.3
Defense	9.1
Administration	1.3
Total	<u>100.0</u>

a. Percentages are based on ruble values expressed in 1957 prices. Estimated gross national product (GNP) for 1959 in 1957 rubles was 1,446 billion rubles. Percentages in this table are based on adjusted value added, which equals GNP at market prices plus subsidies minus indirect taxes.

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S-E-C-R-E-T

Gross Investment in Industry  
in the USSR and the US  
1960

Revised September 1960

<u>Country</u>	<u>Billion 1955 US \$</u>
USSR a/	23.2
US b/	18.9

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

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

	<u>Billion Current US \$</u>
Manufacturing	15.1
Mining	1.0
Public utilities	6.1
Total	<u>22.2</u>

The deflator of 117.7 used to derive the value in 1955 US \$ was based on the 1959 deflators for private nonresidential construction and for producer durables, as given in the Economic Report to the President, Jan 1960, p. 160.

Based on March 1960 estimates, estimated total expenditures on new plant and equipment by US business will amount to current US \$37.0 billion. These expenditures include, in addition to the above items, expenditures on railroads, other transportation, trade, services, finance, and construction.

Recent criticisms reveal a strong possibility that the US investment statistics are somewhat understated.

S-E-C-R-E-T



S-E-C-R-E-T

Gross Indexes of Industrial Production a/ for the US,  
Selected Western Countries, and the Sino-Soviet Bloc  
1950 and 1955-59

Revised September 1960

Country	1950=100						Average Annual Increase b/ (Percent) 1951-59
	1950	1955	1956	1957	1958	1959	
Selected Western Countries							
US <u>c/</u>	100	129	134	135	125	141	3.9
France	100	131	144	156	163	171	6.1
Italy	100	153	164	177	183	203	8.2
UK	100	121	121	123	121	130	3.0
West Germany	100	179	193	204	211	225	9.4
Sino-Soviet Bloc							
USSR <u>d/</u>	100	167	184	198	212	231	9.7
Communist China <u>e/</u>	100	269	343	369	516	686	23.9
European Satellites <u>f/</u>							
Bulgaria	100	165	184	210	234	281	12.2
Czechoslovakia	100	135	147	157	171	186	7.1
East Germany	100	172	181	193	212	235	10.0
Hungary	100	171	155	181	203	222	9.3
Poland	100	156	167	184	197	212	8.7
Rumania	100	155	166	184	209	230	9.7

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

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

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

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

e. Estimates of this Office computed by applying value-added weights to figures for commodity production, except in the case of handicraft production, 1952-57, where the official gross value series in constant 1952 prices was used.

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

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

Revised September 1960

Country	1950	1955	1956	1957	1958	1959	1965 Plan	Average Annual Increase <sup>b/</sup> (Percent) 1951-59
1950=100								
Sino-Soviet Bloc								
USSR	100	185	205	226	248	275		11.9
Communist China	100	287	368	410	681	948		28.4
North Korea	100	164	208	302	413	632		22.7
North Vietnam	N.A. <sup>c/</sup>	100	205	280	317	415		42.7 <sup>c/</sup>
European Satellites								
Albania	100	274	299	375	448	536		20.5
Bulgaria	100	190	218	253	287	358	760 to 1,000	15.2
Czechoslovakia	100	170	186	205	228	253		10.9
East Germany	100	190	202	217	241	271		11.7
Hungary	100	185	167	195	216	239	356 to 367	10.2
Poland	100	212	231	254	278	303		13.1
Rumania	100	202	225	243	267	294		12.7

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

b. Average annual rates of growth are computed at the compound interest rate for the stated period, including the terminal years.

c. The base year for this index is 1955, the first postwar year. These official index numbers are not indicative of the true rate of industrial growth, because they reflect in large measure the increases in output resulting from postwar reconstruction rather than from new industrial development.

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S-E-C-R-E-T

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

Revised September 1960

Country	Thousand Metric Tons						1965 Plan
	1950	1955	1956	1957	1958	1959	
NATO	1,210	2,400	2,570	2,510	2,480	2,880	
US	651.9	1,420.4	1,523.1	1,495.2	1,420.8	1,771.2	
Sino-Soviet Bloc	172	549	592	624	684	814	1,400
USSR	155	430	465	487	513	600	to 1,500 <sup>b/</sup> 180
Communist China	0	10.0	15.0	39.0	49.0	70.0	
European Satellites	17.5	109	112	98.1	122	144	
Czechoslovakia	0	24.4	21.2	16.7	26.4	41.0	
East Germany	0.8	26.8	34.3	35.0	34.0	35.0	
Hungary	16.7	37.0	34.8	26.0	39.5	45.7	55
Poland	0	20.4	21.8	20.4	22.4	22.8	75
Rumania	0	0	0	0	0	0	20 to 30

a. Data refer to production of primary (virgin) aluminum from domestic and imported ores.  
b. Estimated plan for 1965.

S-E-C-R-E-T

S-E-C-R-E-T

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

Revised September 1960

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO	2,050	2,410	2,550	2,500	2,440	2,290	
US	1,276.1	1,436.1	1,545.7	1,534.1	1,450.2	1,222.8	
Sino-Soviet Bloc	295	463	476	487	516	560	772.0
USSR	246.6	377.3	386.7	396.4	406.3	416.5	
Communist China	5.3	15.0	14.0	14.0	34.0	55.0	
North Korea	1.6	1.8	2.4	3.2	4.9	10.0 <sup>b/</sup>	
European Satellites	41.0	69.1	73.0	73.1	70.5	78.5	
Albania <sup>c/</sup>	0.9	0.9	0.6	0.9	0.9	1.0	
Bulgaria <sup>d/</sup>	0.1	3.8	4.6	5.1	6.1	9.0	30.0
Czechoslovakia	1.0	5.1	5.6	6.1	6.6	7.1	15.7
East Germany	27.8	33.3	32.8	32.8	32.5	36.9	45.0
Hungary	N.A.	7.8	6.1	4.3	3.0	3.0	
Poland	10.5	15.7	20.3	19.9	17.4	17.5	28.0
Rumania	0.7	2.5	3.0	4.0	4.0	4.0	16.0 <sup>e/</sup>

- a. Unless otherwise indicated, data refer to refined copper produced from domestic and foreign ores and scrap.  
 b. Plan.  
 c. Blister copper.  
 d. For 1950 and 1955-58, blister copper. The estimate for 1959 is production of electrolytic refined copper.  
 e. Estimated plan for 1965.

S-E-C-R-E-T

S-E-C-R-E-T

Production of Pig Iron a/  
1950, 1955-59, and 1965 Plan

Revised September 1960

Country	Thousand Metric Tons						
	1950	1955	1956	1957	1958	1959	1965 Plan
NATO	98,900	130,000	132,000	136,000	113,000	120,000	
US b/	60,211	71,906	70,461	71,976	52,416	55,100	
Sino-Soviet Bloc b/	25,000	46,100	50,300	53,400	64,700	76,400	65,000
USSR	19,200	33,300	35,800	37,000	39,600	43,000	to 70,000
Communist China	978	3,872	4,826	5,940	13,690 c/	20,500 d/	
North Korea	190	112	187	270	320	585	20,700
European Satellites	4,610	8,860	9,470	10,200	11,000	12,300	700
Bulgaria	3 e/	7 e/	9 e/	56	84	117	7,650
Czechoslovakia	1,951	2,982	3,282	3,563	3,774	4,245	2,150
East Germany	337	1,517	1,574	1,663	1,775	1,898	1,600
Hungary	461	868	755	823	1,082	1,104	6,620 f/
Poland	1,533	2,920 f/	3,263 f/	3,430 f/	3,592 f/	4,080 f/	2,000
Rumania	320	570	583	686	737	846	

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

b. Excluding production in electric furnaces.

c. Including 4.16 million metric tons of "native iron."

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

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

f. The data as presented in this table are deflated from official Polish data. Polish official data for production of pig iron are expressed in terms of basic OH pig iron, thus giving figures that are considerably greater than actual production. The factors used by the Polish to inflate pig iron production were as follows:

Pig iron for OH steel	x 1.0
Pig iron for foundry steel	x 1.5
Spiegeleisen	x 2.5
Ferromanganese	x 2.5

S-E-C-R-E-T

S-E-C-R-E-T

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

Revised September 1960

Country	Million Metric Tons						1965 Plan
	1950	1955	1956	1957	1958	1959	
NATO	140	184	188	190	160	175	
US	87.85	106.17	104.52	102.25	77.34	84.77	
Sino-Soviet Bloc	36.6	62.5	68.6	72.8	80.7	93.1	86.0 to 91.0
USSR	27.30	45.30	48.60	51.00	54.90	59.90	
Communist China	0.60	2.85	4.46	5.35	8.00 <sup>b/</sup>	13.35 <sup>c/</sup>	2.5 <sup>d/</sup>
North Korea	0.14	0.14	0.19	0.28	0.36	0.45	31.6
European Satellites	8.54	14.3	15.4	16.2	17.4	19.4	0.9
Bulgaria	0.30	0.12	0.18	0.21	0.26	0.28	10.5
Czechoslovakia	3.12	4.47	4.88	5.17	5.51	6.14	5.2
East Germany	1.27	2.84	3.11	3.30	3.46	3.66	2.4
Hungary	1.05	1.63	1.42	1.38	1.63	1.76	9.3
Poland	2.52	4.43	5.01	5.30	5.63	6.16	3.3
Rumania	0.56	0.77	0.78	0.86	0.93	1.42	

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

b. Excluding production from native furnaces.

c. Including 4.72 million metric tons of steel made in small side-blown converters.

d. Plan for 1967.

S-E-C-R-E-T

Production of Selected Agricultural Commodities  
1959

Revised September 1960

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
Total Grain <sup>a/</sup>	Million MT	289	185	318	100	164 <sup>b/</sup>	3.2	5.4	45.0	0.3	3.3	5.6	4.8	7.2	14.1	9.7
Cotton (Ginned)	Thousand MT	3,450	3,200.8	3,685	1,560	2,100	N.A.	2.0	23.3	4.9	16.8	0	0	0	0	1.6
Meat <sup>c/</sup>	Thousand MT	24,100	12,461	16,088	6,000	7,000	N.A.	N.A.	3,088	14	210	445	638	345	1,040	396

a. Including wheat, rye, barley, oats, corn, and rice, where produced. Data for the USSR, Communist China, and North Korea include other miscellaneous grains and pulses but not tubers. Data for the US include other miscellaneous grains.

b. Excluding 26 million metric tons of tubers as grain equivalents. (Four metric tons of tubers equal 1 metric ton of grain.)

c. Trimmed carcass weight basis. Including beef, veal, pork, mutton, lamb, goat, and horse meat, where produced. Data for the USSR also include poultry meat and slaughter fats but exclude horse meat. Data for Communist China also include poultry meat.

S-E-C-R-E-T

S-E-C-R-E-T

Production of Manufactured Items  
1959

Revised September 1960

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czechoslovakia	East Germany	Hungary	Poland	Rumania
<b>Chemicals and Rubber</b>																
Sulfuric Acid (100-Percent Basis)	Thousand MT	28,700 <sup>a/</sup>	15,893	8,660	5,100	1,050	255	Negl.	2,250	0	90.7	513	688.9	148	610.5	199
Synthetic Ammonia (Nitrogen Basis)	Thousand MT	6,410 <sup>a/</sup>	3,365	2,090	828	275	110	0	877	0	66	98.5	376.2	62.3	258.5	15.1
Caustic Soda (100-Percent Basis)	Thousand MT	5,740 <sup>a/</sup>	4,241	1,780	736	364	24	0	652	0	16.1	100.3	303.6	16	152.3	64
Synthetic Rubber	Thousand MT	1,660	1,402	406	315	Negl.	0	0	91	0	0	1	85.2	0	5	0
<b>Electronic Equipment</b>																
Electron Tubes	Million Units	N.A.	432.9	209	119	43	0	0	47.3	0	Negl.	11.7	17.4	10.0	7.2	1.0
Radio Receivers	Thousand Units	24,000 <sup>b/</sup>	16,451 <sup>b/</sup>	7,860	4,000	1,600	0	0	2,260	0	140	280	666	259	750	167
Television Receivers	Thousand Units	12,000	6,349	1,990	1,300	Negl.	0	0	692	0	Negl.	197	290	88	117	0
<b>Transportation Equipment</b>																
Commercial Vehicles <sup>c/</sup>	Thousand Units	2,160	1,137	451	370.5	19.2	Negl.	0	60.9	0	0	16.5	15.3	5.0	16.7	7.4
Locomotives <sup>d/</sup>	Units	3,070 <sup>a/</sup>	1,237 <sup>e/f/</sup>	2,580	1,437	532	0	0	615	0	0	162	50	150	174	79
Freight Cars <sup>d/</sup>	Thousand Units	103 <sup>a/</sup>	38.4	87.3	38.6	19.7	0.5	0	28.5	0	2.0	4.7	4.0	0	13.5	4.4
<b>Machinery and Equipment</b>																
Metalcutting Machine Tools	Thousand Units	N.A.	33.9	296	146.0	70.0	2.0	1.5	76.5	0	2.5	24.0	20.4	6.0	20.5	3.1
Tractors	Thousand Units	696	304.5	270	213.5	3.0	1.2	0	52.4	0	0	29.2	6.8	2.3	3.0	11.0

a. Data for 1958, including data for 1959 for the US.

b. Including combined radio-phonographs.

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

d. Mainline unless otherwise indicated.

e. Including exports, which in 1959 totaled 395 locomotives.

f. Perhaps including some nonmainline types.



S-E-C-R-E-T

Services  
1959

Revised September 1960

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho- slovakia	East Germany	Hungary	Poland	Rumania
Transportation																
Rail Freight Traffic																
Ton-Kilometers	Billion MT	1,132	870	1,747 <sup>a/</sup>	1,302	263	7.8	0.5	172.9	Negl.	6.3 <sup>b/</sup>	44.1 <sup>b/</sup>	31.6 <sup>b/</sup>	11.7 <sup>c/</sup>	61.7	17.5 <sup>b/</sup>
Tons Carried	Million MT	2,230	1,174	3,209 <sup>a/</sup>	1,764	542	35.0	3.0	865.6	0.8 <sup>b/</sup>	35.1 <sup>b/</sup>	180.5 <sup>b/</sup>	229.2 <sup>b/</sup>	86.5 <sup>c/</sup>	264.6	69.0 <sup>b/</sup>
Construction																
Production of Cement	Thousand MT	143,074	60,400	73,400	38,800	12,270	1,926	381	20,050	74	1,433	4,744	4,205	1,433	5,311	2,850
Communications																
Inventory of Radiobroadcast Receivers <sup>d/</sup>	Thousand Units	227,000	155,000	33,100	11,600	3,500	124	335	17,568	33	680	3,200	5,489	2,116	4,931	1,119

a. Including domestic, import, export, and transit freight traffic. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Unless otherwise indicated, freight traffic carried on narrow-gauge railroads in the public transportation system is included.

b. It is not known if data include freight traffic carried on narrow-gauge railroads.

c. Including freight traffic carried on standard-gauge, plus "limited public use" narrow-gauge, railroads.

d. Excluding wired loudspeaker receiving units.

S-E-C-R-E-T

Trade  
1959

Revised September 1960

Million US \$

Item	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
<b>Total Trade Turnover</b>													
Exports		5,441	2,155 a/	128	N.A.		34 b/	469	1,727	2,121	766	1,145	522
Imports		5,073	2,065 a/	190	N.A.		86 b/	580	1,602	1,992	790	1,420	502
Total		<u>10,514</u>	<u>4,220 a/</u>	<u>318</u>	<u>N.A.</u>		<u>120 b/</u>	<u>1,049</u>	<u>3,330</u>	<u>4,114</u>	<u>1,556</u>	<u>2,565</u>	<u>1,024</u>
<b>East-West Trade</b>													
Exports to West		1,363	585 a/	N.A.	N.A.	1,935	2 b/	59	501	512	264	485	112
Imports from West		1,337	720 a/	N.A.	N.A.	2,006	3 b/	159	459	524	237	524	100
Total		<u>2,700</u>	<u>1,305 a/</u>	<u>13</u>	<u>N.A.</u>		<u>5 b/</u>	<u>218</u>	<u>960</u>	<u>1,037</u>	<u>501</u>	<u>1,009</u>	<u>212</u>
<b>Intra-Bloc Trade</b>													
Exports to Other Bloc Countries		4,078	1,570 a/	N.A.	N.A.	4,850	32 b/	410	1,226	1,609	503	660	410
Imports from Other Bloc Countries		3,737	1,345 a/	N.A.	N.A.	4,966	83 b/	421	1,144	1,468	552	896	402
Total		<u>7,814</u>	<u>2,915 a/</u>	<u>305</u>	<u>N.A.</u>		<u>115 b/</u>	<u>831</u>	<u>2,370</u>	<u>3,077</u>	<u>1,055</u>	<u>1,556</u>	<u>812</u>
<b>Aid Programs c/</b>													
Bloc Aid to Underdeveloped Countries of the Free World, by Assisting Country													
(Jan 1954 - Jun 1960)	4,054	3,046	160	0	0	849	0	4	566	53	8	207	12
Soviet Aid to Bloc Countries (Jan 1956 - Aug 1960)													
	1,770 d/		0	118	153	1,501	139	209	14	415	329	300	95
Chinese Communist Aid to Bloc Countries (Jan 1954 - Aug 1960)													
	731 e/	0		225	300	91	33	0	0	0	58	0	0

- a. Preliminary data.  
b. Estimated data.  
c. Extension of credits and grants.  
d. Excluding US \$59 million of Soviet aid to Mongolia.  
e. Including US \$115 million of Chinese Communist aid to Mongolia.

S-E-C-R-E-T

Military End Items  
1959

Revised September 1960

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
<b>Aircraft Production a/</b>																
Fighters	Units	1,697	1,257 b/	880	510	190	0	0	180	0	0	0	0	0	180	0
Bombers	Units	263	133	37	37	0	0	0	0	0	0	0	0	0	0	0
Transports	Units	399 c/	107	821 d/	629	100	0	0	92	0	0	60	31	0	1	0
<b>Naval Vessels</b>																
<b>Naval Strength as of 1 April 1960 e/</b>																
<b>Surface Vessels</b>																
Aircraft Carriers	Units	42 f/	25 g/	0	0	0	0	0	0	0	0	0	0	0	0	0
Battleships	Units	12 f/	8 g/	0	0	0	0	0	0	0	0	0	0	0	0	0
Cruisers	Units	66 f/	46 g/	25	25	0	0	0	0	0	0	0	0	0	0	0
Destroyers	Units	558 f/	368 g/	141	128	4	0	0	9	0	1	0	0	0	4	4
Patrol Vessels	Units	751 f/	335 g/	1,678	1,280	179	37	22	160	18	29	0	39	0	49	25
Mine Vessels	Units	920 f/	212 g/	637	490	0	22	4	121	5	19	0	58	0	18	21
Amphibious	Units	468 f/	273 g/	387	343	0	0	0	44	0	16	0	0	0	28	0
Submarines	Units	257 f/	148 g/	456	418	23	0	0	15	0	5	0	0	0	7	3
New Construction	Thousand LSD h/	N.A.	N.A.	56.0	39.5	13.9	Negl.	Negl.	2.6	0	0	0	Negl.	Negl.	2.6	Negl.
Surface Vessels	Thousand LSD	N.A.	N.A.	29.1	18.6	7.9	Negl.	Negl.	2.6	0	0	0	Negl.	Negl.	2.6	Negl.
Submarines	Thousand LSD	N.A.	N.A.	26.9	20.9	6.0	0	0	0	0	0	0	0	0	0	0
<b>Tank and Assault Gun Production (by Type) i/</b>																
Amphibious Tanks	Units	N.A.	N.A.	400	400	0	0	0	0	0	0	0	0	0	0	0
Medium Tanks	Units	N.A.	N.A.	4,900	4,000	N.A.	0	0	900	0	0	600	0	0	300	0
Heavy Tanks	Units	N.A.	N.A.	800	800	0	0	0	0	0	0	0	0	0	0	0
Medium Assault Guns	Units	N.A.	N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0
Heavy Assault Guns	Units	N.A.	N.A.	0	0	0	0	0	0	0	0	0	0	0	0	0

a. Source of data for the Sino-Soviet Bloc: CIA; source of data for NATO (except the US): USAF, Assistant Chief of Staff, Intelligence, AFIC Study, Quarterly World Aircraft Production Report, First Quarter 1960, 1 Apr 60, S; source of data for the US: Defense, Office of the Assistant Secretary of Defense (Supply and Logistics), Statistics Branch, US Military Aircraft Acceptances, 1953 - June 1960, Number and Airframe Weight, Jun 60, C.

b. Including ground attack fighters.

c. Including both civil and military transports (breakdown not available), except for the US, where the data are for military aircraft acceptances.

d. Including for the Sino-Soviet Bloc countries, both civil and military transports, the majority of which are civil (breakdown not available).

e. Source of data for the Sino-Soviet Bloc and for NATO (except the US): Navy, ONI, 30-SD, Strength and Disposition of Foreign Navies, 22 Apr 60, S; source of data for the US: Navy, OPNAV, Form 5441-3d, Report of Inventory and Assignment of Naval Ships as of 31 July 1960, 15 Aug 60, C. Data for the US and NATO include reserve and active fleets.

f. Including US data as of 31 July 1960.

g. Naval strength as of 31 July 1960.

h. Light ship displacement (LSD) is the weight in long tons of a vessel complete and ready for service in every respect including ballast and liquids in the machinery at operating levels but excluding the crew, their effects, and all items of consumable or variable load such as stores, fuel, and cargo.

i. Source of data for the USSR: Army, ACSI, contribution to NIE 11-4-60, S; source of data for the European Satellites: Army, ACSI, Project No. A-1743, Summary of Significant Sino-Soviet Bloc Weapons and Equipment, 26 Sep 58, S.

S-E-C-R-E-T

Production of Energy and Fuels  
1959

Revised September 1960

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
Electric Power, <u>a/</u> Total	Billion KWH <u>b/</u>	<u>1,356</u> <u>c/</u>	<u>836</u>	<u>417</u>	<u>264</u>	<u>41.5</u>	<u>7.8</u>	<u>0.21</u>	<u>103.43</u>	<u>0.16</u>	<u>3.87</u>	<u>21.88</u>	<u>37.25</u>	<u>7.09</u>	<u>26.38</u>	<u>6.80</u>
Hydro	Billion KWH	380	141	66	48	6.2	7.3	0.01	4.75	0.09	1.13	2.06	0.54	0.08	0.55	0.30
Thermal	Billion KWH	976	695	351	216	35.3	0.5	0.20	98.68	0.07	2.74	19.82	36.71	7.01	25.83	6.50
Nuclear, 1959 <u>d/</u>	Billion KWH	(2.0)	(0.5)	(0.7)	(0.7)	0	0	0	0	0	0	0	0	0	0	0
Nuclear, 1960	Billion KWH	2.5	1.0	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0
Hard Coal <u>e/</u>	Million MT	843	387	841	349.5	347.8 <u>f/</u>	5.75	2.6	135.78	0	0.50	26.50	2.84	2.73	99.11	4.10
Brown Coal <u>g/</u>	Million MT	104	2.2	479	157	Negl.	3.11	Negl.	319.37	0.29	14.84	53.71	214.78	22.61	9.26	3.88
Crude Petroleum	Million MT	384	348	147	129.5	3.7 <u>h/</u>	0	0	13.45	0.48	0.19	0.12	Negl.	1.04	0.18	11.44
Natural Gas <u>i/</u>	Billion Cubic Meters	346	325	47	35.5	N.A.	0	0	11.59	Negl.	Negl.	1.70	0.04	0.33	0.42	9.10
Primary Energy from Major Sources, Total	Million MT/SF <u>j/</u>	<u>1,996</u>	<u>1,351</u>	<u>1,245</u>	<u>636.3</u>	<u>331.4</u>	<u>10.5</u>	<u>2.41</u>	<u>264.70</u>	<u>0.86</u>	<u>8.56</u>	<u>49.46</u>	<u>70.27</u>	<u>14.30</u>	<u>88.67</u>	<u>32.57</u>
Hydroelectric Power <u>k/</u>	Million MT/SF	152	60	34	25.0	3.1	3.6	0.01	2.38	0.05	0.56	1.03	0.27	0.04	0.27	0.15
Coal	Million MT/SF	880	403	943	383.5	323	6.9	2.4	227.21	0.14	7.74	46.05	69.94	12.33	87.59	3.42
Petroleum (Crude Oil and Natural Gas)	Million MT/SF	964	888	268	227.8	5.3	0	0	35.11	0.67	0.26	2.38	0.06	1.93	0.81	29.00

a. Data pertain to gross production (including powerplant use).

b. Kilowatt-hours.

c. Gross production data derived by inflating net figures to allow for 7 percent consumption by powerplants.

d. Nuclear power is included in the thermal power total, as it is only a subdivision of thermal power.

e. Including anthracite and bituminous coal.

f. Including a negligible amount of brown coal.

g. Including lignite.

h. Including natural and synthetic petroleum.

i. Production for NATO, the US, and the USSR excludes gas for repressuring and gas wasted.

j. Standard fuel (SF) has a calorific value of 7,000 kilocalories per kilogram.

k. Converted at 0.4 metric tons per 1,000 KWH.

S-E-C-R-E-T

US Government Economic Aid and Sino-Soviet Bloc Aid a/  
to Selected Free World Countries  
(1 July 1955 - 30 June 1960)

Revised September 1960

Recipient Country	Million Current US \$			
	us <u>b/</u> Economic Aid	Sino-Soviet Bloc		Total
		Economic Aid	Military Aid	
Total	5,982	3,231	823	4,054
Afghanistan	91	217		255
Argentina	288	104	38	104
Brazil	594	4		4
Burma	72	12		12
Cambodia	157	35		35
Ceylon	59	58		58
Cuba	20	120		120
Egypt	120	651	315	966
Ethiopia	60	114		114
Ghana	4	3		3
Guinea	4	43		43
Iceland	27	5	1	5
India	1,734	808		808
Indonesia	243	479		685
Iran	273	6	206	6
Iraq	12	182		300
Nepal	19	41	118	41
Pakistan	975	3		3
Syria	6	177	128	304
Turkey	648	17		17
Yemen	11	44		61
Yugoslavia	564	111 <u>c/</u>	17	111 <u>c/</u>

- a. The Sino-Soviet Bloc aid includes about US \$11 million in economic aid extended to Afghanistan in 1954.  
 b. Including economic and technical assistance and defense support obligations under the Mutual Security Program, PL 480 commitments, the Development Loan Fund, and authorized Export-Import Bank loans.  
 c. Excluding some US \$350 million in Bloc credits extended to Yugoslavia in 1956 and either canceled or allowed to expire.

S-E-C-R-E-T



S-E-C-R-E-T

Military Age Group, Size of Armed Forces,  
and Civilian Labor Force  
Selected Years, 1956-66

Revised September 1960

Item	Unit of Measure	NATO	US	Sino-Soviet Bloc	USSR	Communist China	North Korea	North Vietnam	European Satellites	Albania	Bulgaria	Czecho-slovakia	East Germany	Hungary	Poland	Rumania
Military Age Group <u>a/</u> (Males 20-29)																
1956	Million Persons	N.A.	11.2	79	18.7	51	0.5	1.3	7.47	0.13	0.66	0.93	1.10	0.76	2.33	1.56
1961	Million Persons	N.A.	11.3	85	19.2	56	0.6	1.4	7.50	0.14	0.61	0.91	1.26 <u>b/</u>	0.69	2.31	1.58
1966	Million Persons	N.A.	12.9	88	17.0	61	1.0	1.6	7.17	0.15	0.58	0.99	1.11 <u>b/</u>	0.72	2.12	1.50
Size of Armed Forces, Mid-1960	Thousand Persons	6,100 <u>c/</u>	2,509	8,630	3,875 <u>d/</u>	2,828	368	307	1,260	38	162	220	142	138	274	282
Military	Thousand Persons	5,800 <u>c/</u>		8,050	3,625 <u>d/</u>	2,828 <u>e/</u>	353	272	975	28	127	175	92	103	229	222
Militarized Security	Thousand Persons	300 <u>c/</u>		580	250 <u>d/</u>	<u>f/</u>	15	35	280	10	35	45	50	35	45	60
Civilian Labor Force, 1959	Million Persons	N.A.	72.7 <u>g/</u>	495	104.2	329	3.9	8.3	49.27	0.75	4.50	6.42	8.49	4.48	14.24	10.39

- a. Beginning-of-year estimate.
- b. Assuming an average annual emigration of 200,000 persons of all ages.
- c. 1959.
- d. 1 January 1960.
- e. Including 200,000 public security forces subordinate to the Ministry of National Defense.
- f. The militarized security forces of Communist China are subordinate to the Ministry of National Defense.
- g. Mid-1960.

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