

~~SECRET~~

NO FOREIGN DISSEM

*Economic Intelligence  
Statistical Handbook  
1968*

This handbook was produced solely by CIA. It was prepared by the Office of Economic Research. Data on military expenditures and equipment and on the construction of maritime vessels were supplied by the Office of Strategic Research.

~~SECRET~~

NO FOREIGN DISSEM

**SECRET**

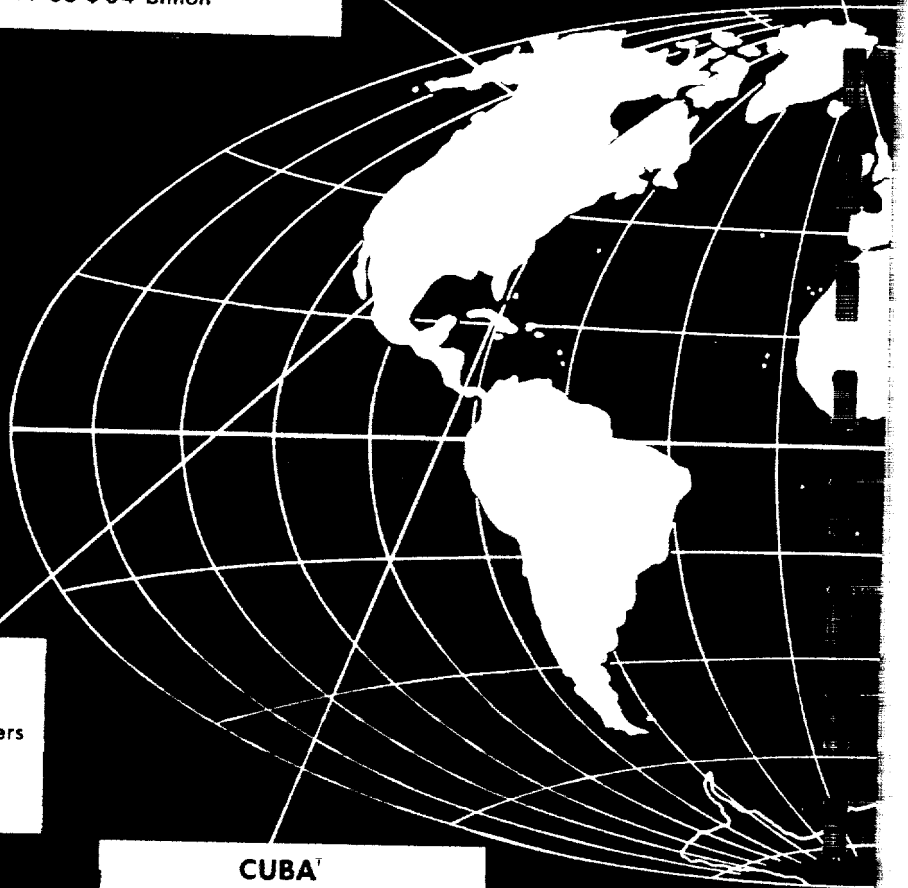
## ECONOMIC PROFILE,† 1967

### EUROPEAN NATO<sup>1</sup>

LAND MASS: 2,878,000  
square kilometers  
INHABITANTS: 300.3 million  
GNP: US \$ 540 billion

### CANADA

LAND MASS: 9,976,000  
square kilometers  
INHABITANTS: 20.4 million  
GNP: US \$ 54 billion



### US

LAND MASS: 9,363,000  
square kilometers  
INHABITANTS: 199.1 million  
GNP: US \$ 762 billion

### CUBA<sup>†</sup>

LAND MASS: 115,000  
square kilometers  
INHABITANTS: 7.5 million  
GDP: US \$ 3.2 billion (1957 prices)

† NOTE: The data for gross national product (GNP) are for 1967 (in 1966 prices) converted to US purchasing power equivalents, except for India, Cuba, Communist China, North Vietnam, and North Korea. Data for India (in 1966 prices) are GNP converted at the par value exchange rate of 7.5 rupees to US \$ 1. Data for Cuba (in 1957 prices) are gross domestic product (GDP) for 1966 converted to US dollars using prevailing exchange rates. Data for Cuba are given in 1957 prices to minimize the inflationary effects during the last several years. Data for GNP for Communist China are for 1966, for North Vietnam (in 1964 prices) are for 1964, and for North Korea are for 1966. All data on inhabitants are for midyear 1967 and data on land mass are for the latest year available.

**EASTERN EUROPEAN  
COMMUNIST COUNTRIES**

LAND MASS: 990,000  
square kilometers  
INHABITANTS: 101.2 million  
GNP: US \$ 127 billion

**USSR**

LAND MASS: 22,272,000  
square kilometers  
INHABITANTS: 235.5 million  
GNP: US \$ 361 billion

**NORTH KOREA<sup>†</sup>**

LAND MASS: 122,000  
square kilometers  
INHABITANTS: 13.0 million  
GNP: US \$ 2.9 billion

**JAPAN**

LAND MASS: 370,000  
square kilometers  
INHABITANTS: 99.9 million  
GNP: US \$ 135 billion

**NORTH VIETNAM<sup>†</sup>**

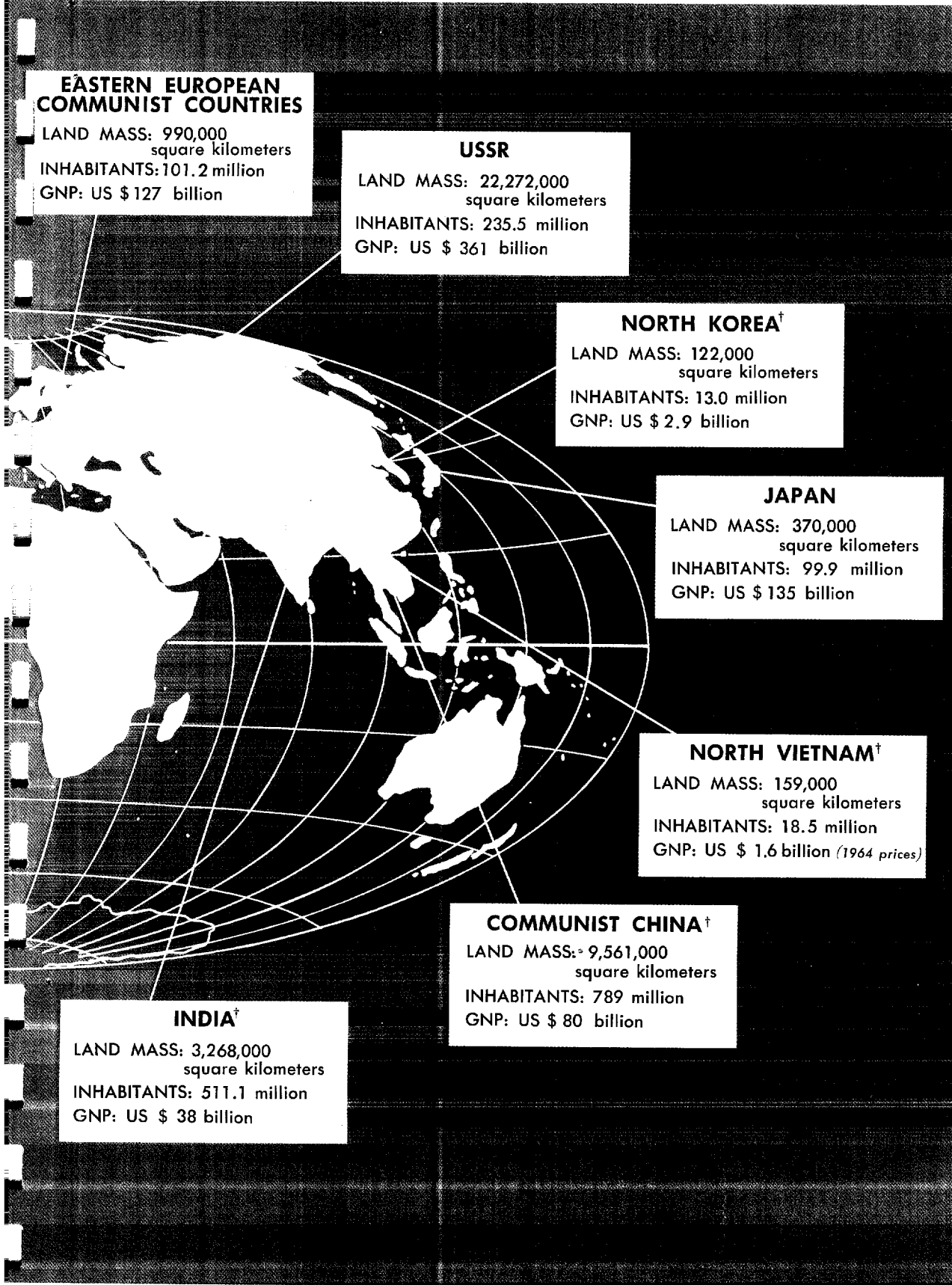
LAND MASS: 159,000  
square kilometers  
INHABITANTS: 18.5 million  
GNP: US \$ 1.6 billion (1964 prices)

**COMMUNIST CHINA<sup>†</sup>**

LAND MASS: 9,561,000  
square kilometers  
INHABITANTS: 789 million  
GNP: US \$ 80 billion

**INDIA<sup>†</sup>**

LAND MASS: 3,268,000  
square kilometers  
INHABITANTS: 511.1 million  
GNP: US \$ 38 billion



**SECRET**

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7



## FOREWORD

1. *Purpose and Scope*

The *Economic Intelligence Statistical Handbook, 1968* provides statistics on the economies of the Communist countries and the countries of the North Atlantic Treaty Organization (NATO)—including France. The content and format have been revised to make possible more explicit comparisons and new tables and graphics have been added.

In general, the data in the *Handbook* are for 1955, 1960, and 1962-67. A summary table is presented for European NATO, Eastern Europe, each of the Communist countries, selected NATO countries, India, and Japan. The data for Mongolia, because of their scarcity, are presented in a summary table but are not included in the individual commodity or aggregative tables. The graphics are designed for use as visual aids. Footnotes have been used liberally to give definitions, exceptions, and methodology. Footnotes to the commodity tables give more detailed definitions of the data than those appearing for the commodities on the summary table for each country. Therefore, the footnotes to the commodity tables should be referred to when a complete description of the data shown is required.

2. *Rounding of the Totals*

In each table the data for the individual countries have been rounded consistently. Because of the limitations in the cumulative data, the totals have been rounded, with some exceptions, to three significant digits. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation.

Totals are not presented if missing data are believed to represent a significant part of the total. In general, data are not given for countries for which a significant amount of data is not available. Because of rounding, components may not add to the totals shown.

3. *Symbols*

The abbreviation *N.A.* (not available) is used when information about the existence of the data or the magnitude of the data is not available, and the abbreviation *Negl.* (negligible) is used when the magnitude of the data is less than half of the final unit employed for each table. The metric system is used throughout.

4. *Classification of Data*

The overall classification of the *Handbook* is SECRET/NO FOREIGN DISSEM. The unclassified data, indicated by an asterisk (\*), may be official data of the country cited or may be unclassified estimates of this Office. Tables in which all of the data are unclassified have been identified accordingly. *Classified data, however, frequently occur on the reverse of the page, and, therefore, caution should be exercised if pages are removed from this publication.*

5. *Sources*

The data given for the most recent years are frequently preliminary and subject to revision. The data for the Communist countries are estimates of this Office, official data from the country cited, or estimates made by other organizations. The data for the NATO and other Free World countries are from publications of the United Nations and the Organization for Economic Cooperation and Development (OECD), are from unclassified publications of other international organizations or individual countries of the Free World, or are estimates of this Office.

6. *Terms*

Unless otherwise indicated, the term *Communist Countries* includes the USSR, the countries of Eastern Europe, Communist China, North Korea, North Vietnam, Albania, Cuba, and Yugoslavia; the

SECRET

term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Rumania. The term *NATO* includes the United States, Belgium, Canada, Denmark, France, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the United Kingdom, and West Germany. The term *developed countries* includes Austria, Belgium, Denmark, Finland, France, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Norway, the Netherlands, Sweden, Switzerland, the United Kingdom, West Germany, Australia, Canada, Japan, New Zealand, South Africa, and the United States. The term *less developed countries of the Free World* includes (1) all countries of Africa

except the Republic of South Africa, (2) all countries of the Far East except Japan, (3) Portugal and Spain in Europe, (4) all countries in Latin America except Cuba, and (5) all countries in the Near East and South Asia.

As far as possible, production data for the Saar have been included in the data for West Germany for all years, unless otherwise indicated. Data for Alaska and Hawaii, when available, have been included in the total for the US. Data for any of the above country groupings may or may not include all of the countries listed above, depending on the commodity or services listed.

SECRET

CONTENTS

Economic Profile, 1967	<i>Frontispiece</i>
<i>Table</i>	<i>Page</i>

I. ECONOMIC AND MILITARY INDICATORS

Comparative Data on Gross National Product in the US and the USSR ( <i>Figure 1</i> )	1
---	---

A. GROSS NATIONAL PRODUCT

1 Gross National Product	2
2 Gross National Product, by End Use, in the US and the USSR	3
3 Percentage Distribution of Soviet Gross National Product, by End Use	4
4 Gross National Product in Selected NATO Countries	4

B. INDUSTRIAL AND AGRICULTURAL PRODUCTION

Indexes of Industrial and Agricultural Production in the US and the USSR ( <i>Figure 2</i> )	5
5 Indexes of Industrial Production	6
6 Indexes of Industrial and Agricultural Production in the Eastern European Communist Countries	7
7 Indexes of Gross Industrial Production in the Communist Countries	8
8 Indexes of Industrial Production, by Branch of Industry, in the USSR	9
9 Average Annual Rates of Growth of Industrial Production, by Branch of Industry, in the USSR	10

C. SOVIET INVESTMENT AND FINANCE DATA

10 Soviet State Budget	11
11 Soviet Gross Fixed Investment, by Function and by Sector	12
12 Drawings and Scheduled Repayments on Western Credits to the USSR	13
Soviet Hard Currency Payments Deficit ( <i>Figure 3</i> )	14
Production, Disposition, and Reserves of Gold in the USSR ( <i>Figure 4</i> )	15

D. COMPARATIVE PERFORMANCE AND PLAN DATA

13 Selected Economic Data for the US and the USSR	16
14 Factors of Consumption for the US and the USSR	17
15 Soviet Economic Plan for 1970	18

E. MILITARY EXPENDITURES AND EQUIPMENT

16 Defense Expenditures, by Major Mission, in the US and the USSR	19
17 Soviet Expenditures for Defense and Space	20
Soviet Expenditures for Defense and Space ( <i>Figure 5</i> )	21
18 Construction of Naval Ships, by Type, in the Communist Countries	22

SECRET

<i>Table</i>		<i>Page</i>
19	Production of Military Aircraft, by Type, in the US and the Communist Countries .....	23

## II. POPULATION AND COUNTRY TABLES

	Per Capita Gross National Product in Selected Countries ( <i>Figure 6</i> ) ..	24
--	--	----

### A. POPULATION

20	Population .....	25
21	Labor Force .....	26
22	Agricultural Labor Force .....	27
23	Nonagricultural Labor Force .....	28

### B. COUNTRY TABLES: SELECTED ECONOMIC DATA

24	United States .....	29
25	European NATO .....	30
26	France .....	31
27	Italy .....	32

30	India .....	35
----	-------------	----

32	USSR .....	37
33	Eastern Europe .....	38
34	Bulgaria .....	39
35	Czechoslovakia .....	40
36	East Germany .....	41
37	Hungary .....	42
38	Poland .....	43
39	Rumania .....	44
40	Communist China .....	45
41	North Korea .....	46
42	North Vietnam .....	47
43	Albania .....	48
44	Cuba .....	49
45	Mongolia .....	50
46	Yugoslavia .....	51

### III. FOREIGN TRADE

	Direction of Foreign Trade of the Communist Countries ( <i>Figure 7</i> ) ..	52
47	World Exports, by Selected Country and Region .....	53
48	Trade of the US with the USSR and Eastern European Communist Countries .....	53
49	Trade of the US with the USSR, by Commodity .....	54
50	Exports of the Developed Countries of the Free World, by Area .....	55

25X6

25X6

SECRET

SECRET

<i>Table</i>	<i>Page</i>
51 Exports of the Less Developed Countries of the Free World, by Area .	56
52 Trade Turnover of the Communist Countries . . . . .	57
53 Trade Among the Communist Countries . . . . .	58
54 Trade of the Communist Countries with the Free World . . . . .	59
55 Soviet Foreign Trade . . . . .	60
56 Soviet Exports . . . . .	61
57 Soviet Imports . . . . .	62
58 Soviet Exports of Petroleum . . . . .	63
59 Soviet Imports of Chemical Equipment . . . . .	64
60 Chinese Communist Foreign Trade . . . . .	64

#### IV. AID

Communist Economic and Military Aid Delivered to North Vietnam ( <i>Figure 8</i> ) . . . . .	65
61 Soviet Military Aid Delivered to North Vietnam . . . . .	66
62 Chinese Communist Military Aid Delivered to North Vietnam . . . . .	67
US and Communist Economic Aid Extended to Less Developed Countries of the Free World, by Recipient ( <i>Figure 9</i> ) . . . . .	68
Communist Economic and Military Aid to Less Developed Countries of the Free World, Extensions and Drawings, by Area ( <i>Figure 10</i> ) . . . . .	69
Soviet Economic and Military Aid to Less Developed Countries of the Free World, Extensions and Drawings, by Area ( <i>Figure 11</i> ) . . . . .	70
Communist Chinese Economic and Military Aid to Less Developed Countries of the Free World, Extensions and Drawings, by Area ( <i>Figure 12</i> ) . . . . .	71
63 Communist Economic and Military Aid to Less Developed Countries of the Free World, Extensions and Drawings . . . . .	72
64 Communist Economic Aid to Less Developed Countries of the Free World, Extensions and Drawings . . . . .	73
65 Communist Military Aid to Less Developed Countries of the Free World, Extensions and Drawings . . . . .	73
66 Communist Economic and Military Aid Extended to Less Developed Countries of the Free World, by Recipient and Donor . . . . .	74
67 Communist Economic Aid Extended to Less Developed Countries of the Free World, by Recipient and Donor . . . . .	76
68 Communist Military Aid Extended to Less Developed Countries of the Free World, by Recipient and Donor . . . . .	78
69 Communist Major Deliveries of Land Armaments and Naval Ships to Less Developed Countries of the Free World, by Recipient . . . . .	79
70 Communist Major Deliveries of Aircraft and Guided Missile Systems to Less Developed Countries of the Free World, by Recipient . . . . .	80
71 Communist Major Military Equipment Delivered to Less Developed Countries of the Free World, by Recipient, 1967 . . . . .	81
72 Academic, Technical, and Military Trainees Departing from Less Developed Countries of the Free World for Training in Communist Countries . . . . .	82

SECRET

SECRET

<i>Table</i>	<i>Page</i>
73 Communist Economic and Military Technicians in Less Developed Countries of the Free World, by Country .....	83

## V. INDUSTRIAL PRODUCTS AND RAW MATERIALS

### A. CHEMICALS

74 Sulfuric Acid .....	84
75 Synthetic Ammonia .....	85
76 Caustic Soda .....	86
77 Mineral Fertilizer, Nutrient Content .....	87
78 Mineral Fertilizer .....	88
79 Plastics .....	88

### B. RUBBER AND RUBBER PRODUCTS

80 Natural Rubber .....	89
81 Synthetic Rubber .....	89
82 Rubber Tires .....	90

### C. FUELS AND POWER

83 Primary Energy .....	91
84 Hard Coal .....	92
85 Brown Coal and Lignite .....	93
86 Metallurgical Coke .....	94
87 Crude Oil .....	95
88 Petroleum Products .....	96
89 Natural Gas .....	97
90 Electric Power .....	98
91 Installed Electric Generating Capacity .....	99

### D. FERROUS AND FERROALLOYING ORES AND METALS

92 Crude Steel .....	100
93 Rolled Steel .....	101
94 Pig Iron .....	102
95 Iron Ore .....	103
96 Manganese Ore .....	104
97 Refined Nickel .....	105
98 Chromite .....	106
99 Molybdenum .....	107
100 Cobalt .....	107
101 Tungsten Ore .....	108

### E. NONFERROUS ORES AND METALS

102 Gold .....	109
103 Refined Copper .....	110
104 Primary Aluminum .....	111
105 Bauxite .....	112

SECRET

<i>Table</i>	<i>Page</i>
106 Smelter Lead .....	113
107 Refined Zinc .....	114
108 Primary Tin Metal .....	115
109 Primary Magnesium .....	116
110 Titanium Sponge Metal .....	116

**VI. CONSUMER GOODS, PRODUCERS' GOODS,  
AND CONSTRUCTION**

**A. CONSUMER GOODS**

111 Footwear .....	117
112 Woven Cotton Fabrics .....	117
113 Woven Woolen Fabrics .....	118
114 Woven Rayon and Acetate Fabrics .....	119
115 Synthetic Fibers .....	119

**B. PRODUCERS' GOODS**

116 Metalcutting Machine Tools .....	120
117 Metalforming Machine Tools .....	121
118 Metallurgical Equipment .....	121
119 Chemical Equipment .....	122
120 Electric Motors .....	122
121 Electric Generators .....	123
122 Turbines .....	123

**C. CONSTRUCTION**

123 Value of Construction .....	124
124 Total Housing Construction .....	125
125 Production of Cement .....	126

**VII. AGRICULTURE**

Selected Agricultural Inputs and Output in the US and the USSR ( <i>Figure 13</i> ) .....	127
--	-----

**A. ARABLE LAND AND PRODUCTION OF FOOD CROPS**

126 Arable Land .....	128
127 Grain .....	129
128 Breadgrain .....	130
129 Coarse Grain .....	131
130 Rice .....	132
131 Potatoes .....	133

**B. PRODUCTION OF PROCESSED FOODS AND FISH CATCH**

132 Meat .....	134
133 Milk .....	135

<i>Table</i>	<i>Page</i>
134 Sugar .....	136
135 Fish Catch .....	137

**C. INVENTORY OF LIVESTOCK**

136 Cattle .....	138
137 Hogs .....	139

**D. PRODUCTION OF SELECTED FIBERS**

138 Ginned Cotton .....	140
139 Wool .....	141

**E. PRODUCTION OF EQUIPMENT**

140 Grain Combines .....	142
141 Tractors .....	142

**VIII. TRANSPORTATION AND COMMUNICATIONS**

Capacities of Selected Ports ( <i>Figure 14</i> ) .....	143
Domestic Transport Performance in the US and the USSR ( <i>Figure 15</i> ) .....	144

**A. TRANSPORTATION PERFORMANCE**

142 Railroad Freight, in Ton-Kilometers .....	145
143 Railroad Freight, in Tons Carried .....	146
144 Motor Vehicle Freight, in Ton-Kilometers .....	147
145 Motor Vehicle Freight, in Tons Carried .....	148
146 Inland Water Freight, in Ton-Kilometers .....	149
147 Inland Water Freight, in Tons Carried .....	150
148 Ocean Freight, in Ton-Kilometers .....	151
149 Air Passenger Traffic, in Passenger-Kilometers .....	152
150 Airfreight Traffic, in Ton-Kilometers .....	152
151 Petroleum Pipeline Transportation, in Ton-Kilometers .....	153
152 Petroleum Pipeline Transportation, in Tons Carried .....	153

**B. PRODUCTION OF TRANSPORTATION EQUIPMENT**

153 Maritime Cargo Ships .....	154
154 Maritime Tankers .....	155
155 Fishing Ships .....	156
156 Locomotives .....	157
157 Diesel Locomotives .....	158
158 Electric Locomotives .....	159
159 Railroad Freight Cars .....	160
160 Passenger Automobiles .....	161
161 Trucks and Buses .....	162



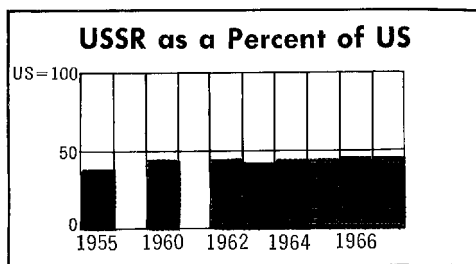
<i>Table</i>	<i>Page</i>
<b>C. INVENTORY OF TRANSPORTATION EQUIPMENT</b>	
162 Civil Aircraft .....	163
163 Locomotives .....	164
164 Railroad Freight Cars .....	165
165 Civilian Trucks .....	166
166 Merchant Fleet .....	167
167 Tanker Fleet .....	168
<b>D. COMMUNICATIONS</b>	
168 Telephones in Use .....	169
169 Long-Distance Telephone Calls .....	170
170 Telegrams Sent over the Domestic System .....	171
171 Electron Tubes .....	172
172 Radio Receivers .....	173
173 Television Receivers .....	174
174 Radio Receivers in Public Use .....	175
175 Television Receivers in Public Use .....	176
<b>IX. CONVERSION FACTORS AND RATES OF EXCHANGE</b>	
176 Selected Conversion Factors .....	177
177 Rates of Exchange for Currencies of Selected Communist Countries ..	178
178 Cross Rates of Exchange for Currencies of the NATO Countries .....	179

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

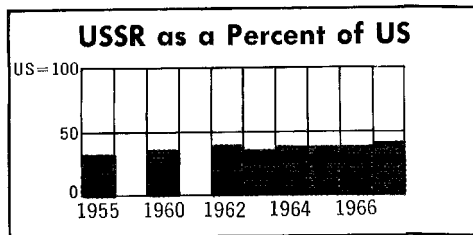
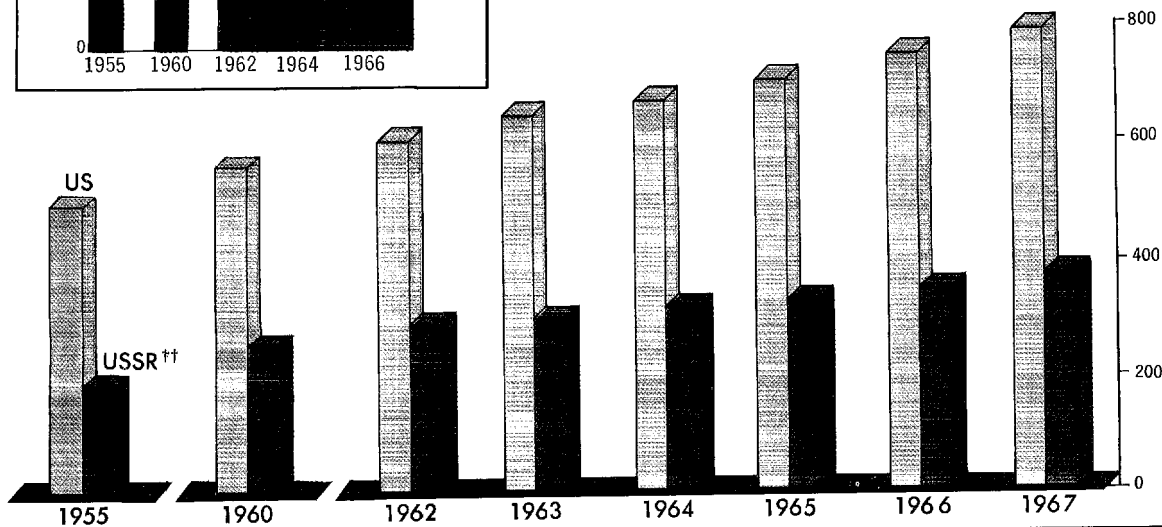
Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

## COMPARATIVE DATA ON GROSS NATIONAL PRODUCT IN THE US AND THE USSR, 1955, 1960, AND 1962-67

		1955	1960	1962	1963	1964	1965	1966	1967
GNP (Billion 1966 US \$)	US	498.6	555.4	603.2	627.4	661.4	702.4	743.3	762.2
	USSR ††	189.7	252.8	279.1	284.2	305.5	322.3	347.5	361.0
	DIFFERENCE	308.9	302.6	324.1	343.2	355.9	380.1	395.8	401.2
GNP (USSR as a Percent of US)		38	46	46	45	46	46	47	47
GNP Per Capita (1966 US \$)	US	3,010	3,070	3,230	3,310	3,440	3,610	3,780	3,830
	USSR ††	970	1,180	1,260	1,260	1,340	1,400	1,490	1,530
GNP Per Capita (USSR as a Percent of US)		32	38	39	38	39	39	39	40

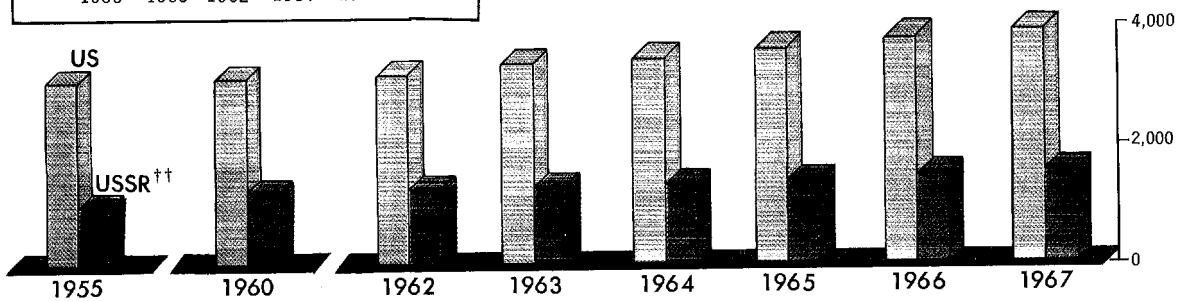


### GROSS NATIONAL PRODUCT Billion 1966 US \$



### GROSS NATIONAL PRODUCT PER CAPITA 1966 US \$

Note change in scale.



† At market prices.

†† Converted at US purchasing power equivalents.

**SECRET**

SECRET

Table 1  
Estimated Gross National Product at Market Prices  
1955, 1960, and 1962-67

	Billion 1966 US \$ (Converted at US Purchasing Power Equivalents <sup>a</sup> )							Average Annual Rate of Growth <sup>b</sup> (Percent)		
	1955	1960	1962	1963	1964	1965	1966	1967	1956-67	1961-67
NATO COUNTRIES.....	850*	1,000*	1,100*	1,140*	1,200*	1,260*	1,330*	1,360*	4.0*	4.5*
US.....	498.6*	555.4*	603.2*	627.4*	661.4*	702.4*	743.3*	762.2*	3.6*	4.6*
Canada.....	32.6*	38.5*	42.1*	44.3*	47.1*	50.4*	53.3*	54.4*	4.3*	5.1*
European NATO.....	320*	410*	450*	470*	490*	510*	530*	540*	4.5*	4.0*
Of which:										
Belgium.....	14.9*	16.8*	18.7*	19.5*	20.8*	21.6*	22.2*	22.6*	3.6*	4.3*
Denmark.....	6.9*	8.0*	9.7*	9.8*	10.6*	11.1*	11.3*	11.7*	4.6*	4.5*
France.....	67.1*	84.7*	94.7*	99.3*	105.2*	110.0*	115.3*	120.0*	5.0*	5.1*
Italy.....	39.4*	51.8*	59.6*	63.1*	64.9*	67.5*	71.4*	75.4*	5.6*	5.5*
Netherlands.....	15.1*	18.5*	19.9*	20.6*	22.5*	23.7*	24.4*	25.5*	4.5*	4.7*
Norway.....	5.2*	6.1*	6.7*	7.1*	7.5*	7.9*	8.3*	8.8*	4.5*	5.3*
UK.....	84.7*	97.2*	101.9*	106.4*	112.5*	115.2*	116.8*	118.3*	2.8*	2.9*
West Germany <sup>c</sup> .....	71.0*	102.4*	112.4*	116.2*	123.8*	130.2*	133.3*	132.7*	5.3*	3.8*
COMMUNIST COUNTRIES										
USSR and Eastern Europe.....	264	348	381	390	416	438	469	488	5.3	5.0
USSR.....	189.7	252.8	279.1	284.2	305.5	322.3	347.5	361.0	5.5	5.2
Eastern Europe.....	73.9*	94.8*	102*	105*	110*	115*	122*	127*	4.6*	4.3*
Bulgaria.....	3.6*	5.1*	6.0*	6.3*	6.7*	7.0*	7.6*	8.1*	7.0*	6.8*
Czechoslovakia.....	15.4*	21.2*	22.4*	22.1*	22.3*	22.7*	23.8*	24.8*	4.1*	2.3*
East Germany.....	18.4*	23.3*	24.8*	25.3*	26.3*	27.3*	28.3*	29.6*	4.0*	3.5*
Hungary.....	7.5*	9.2*	10.2*	10.7*	11.4*	11.4*	12.0*	12.5*	4.3*	4.5*
Poland.....	19.3*	24.5*	26.5*	28.0*	29.6*	31.6*	33.2*	34.5*	5.0*	5.0*
Rumania.....	9.7*	11.5*	12.4*	12.9*	14.1*	15.2*	16.6*	17.6*	5.1*	6.3*
Far East										
Communist China.....	60	N.A.	N.A.	N.A.	N.A.	N.A.	80	N.A.	2.6 <sup>d</sup>	N.A.
North Korea <sup>e</sup> .....	1.0	2.1	2.5	2.5	2.7	2.8	2.9	N.A.	9.8 <sup>d</sup>	5.4 <sup>f</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> For the individual European NATO countries, the ratios for converting gross national product (GNP) in national currencies at 1966 prices into 1966 US dollars on the basis of US purchasing power equivalents are derived from the 1950 ratios in Milton Gilbert and Associates, *Comparative National Products and Price Levels*, OEEC, Paris, 1958, using the geometric mean of European and US weighted ratios. These 1950 ratios were moved to 1966 by applying the following factor: the derived price indexes for each European country for 1950-66 divided by a derived price index for the US for 1950-66. These price indexes were derived for each country by dividing the growth of GNP in current prices by the growth of GNP in constant prices. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1966 prices. The total GNP for the European NATO countries is based on the estimate that the total GNP of the individual countries shown represents 95 percent of the total European NATO GNP, which is the approximate relationship derived from other sources. The values shown for the Communist countries, except for North Korea, have been calculated in a manner which makes them reasonably comparable with the values shown for the NATO countries.

<sup>b</sup> The base years are 1955 and 1960, respectively. Rates of growth are derived from unrounded data.

<sup>c</sup> Including data for West Berlin.

<sup>d</sup> Rate of growth for 1956-66.

<sup>e</sup> Converted at the exchange rate of 1.2 won to US \$1.

<sup>f</sup> Rate of growth for 1961-66.

SECRET

Table 2

Gross National Product, by End Use, in the US and the USSR  
 1966

	Billion 1966 US \$ *		USSR as a Percent of US
	US	USSR	
Consumption.....	501.7*	178.4	36
Investment.....	144.7*	111.4	77
Defense.....	65.7*	55.9	85
Administration.....	25.0*	13.0	52
Net exports and foreign military assistance.....	6.2*	N.A.	N.A.
GNP.....	743.3*	347.5 <sup>b</sup>	47

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> US market prices. Total Soviet gross national product (GNP) and the various end uses were converted to dollars not by the official rate of exchange but by the average purchasing power ratio of the dollar and the ruble calculated from actual or estimated prices paid for various goods and services in the two economies. For GNP as a whole and for each end use component of GNP, these average ratios (ruble-dollar ratios) were estimated by weighting individual price ratios by both US and Soviet expenditure weights. The geometric mean of the US weighted and Soviet weighted ratios was then used for the conversion of Soviet values into dollars.

The magnitudes for the Soviet end use components were calculated to measure quantity of output compared with the US but not the cost in resources. The share of total economic resources devoted to a particular end use or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs. Agriculture alone, for example, uses 36 percent of the civilian labor force, or 43 million people, as a result of the inefficiency of that sector in the USSR.

The adjusted end uses of GNP are defined as follows:

(1) Consumption comprises personal expenditures for goods and services for all purposes and noninvestment outlays by government for goods and services for health and education. (The personal consumption expenditures for the US are \$465.9 billion.)

(2) Investment is defined (a) for both the US and the USSR as the sum of expenditures for gross private domestic investment; for public construction other than that for defense facilities; for equipment purchased by the government except that for defense; and for defense stockpiling and defense-production expansion; and (b) for the US, as also including expenditures by state and local government for development of atomic energy. (The gross private domestic investment for the US is \$118.0 billion.)

(3) Defense as a component of GNP comprises government purchases of goods and services for the military services, federal government expenditures on atomic energy development, and outlays on space research and technology. Defense excludes stockpiling activities and net military grants for foreign military assistance. (The federal government purchases of goods and services for national defense, excluding purchases by NASA, for the US are \$60.5 billion.)

(4) Administration as a component of GNP is the residual left after all current expenditures for national defense, health, and education and all capital expenditures are subtracted from government purchases of goods and services. (There is no equivalent category for the unadjusted data for the US.)

(5) Net exports and foreign military assistance are shown only for the US. The equivalent category for the USSR cannot be precisely measured but is thought to be included in the value of aggregate GNP.

<sup>b</sup> The sum of the end use components of Soviet GNP, valued in dollars, does not equal the dollar value of aggregate GNP, because of the use of average ruble-dollar ratios in converting from ruble values to dollar values. Nevertheless, the individual end use components were not adjusted to agree with the total, since the US-USSR comparisons shown are believed to give the best available description of relative size.

Table 3  
 Percentage Distribution of Soviet Gross National Product, by End Use  
 (Adjusted Factor Cost <sup>a</sup>)  
 1955, 1960, and 1962-67

	Percent of Total							
	1955	1960	1962	1963	1964	1965	1966	1967 <sup>b</sup>
Consumption.....	62	60	61	60	59	59	59	58
Investment.....	21	28	28	29	30	30	31	31
New fixed.....	18	24	24	24	25	25	26	26
Other <sup>c</sup> .....	3	4	4	5	5	5	5	5
Defense.....	14	10	10	9	9	9	9	9
Administration.....	2	2	2	2	2	2	2	2
Total.....	100	100	100	100	100	100	100	100

<sup>a</sup> Because of the well-known difficulties in using Soviet prices as a measure of resource burden, the shares of GNP in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1955 end use weights have been revised from a market price basis to a factor cost basis by subtracting turnover taxes and profits and adding amortization charges, implicit interest costs, agricultural land rent, and subsidies. These revised weights are then moved over time by indexes of the value of the various end uses in constant market prices.

<sup>b</sup> Preliminary.

<sup>c</sup> Including inventories, civilian research and development, and expenditures on capital repair.

Table 4  
 Gross National Product <sup>a</sup> in Selected NATO Countries  
 1955, 1960, and 1962-67

NATO Countries	Billion 1966 US \$								Average Annual Rate of Growth <sup>b</sup> (Percent)	
	1955	1960	1962	1963	1964	1965	1966	1967	1956-67	1961-67
Belgium.....	12.2*	13.8*	15.2*	15.9*	17.0*	17.6*	18.1*	18.5*	3.6*	4.3*
Canada.....	32.6*	38.5*	42.1*	44.3*	47.1*	50.4*	53.3*	54.4*	4.3*	5.1*
Denmark.....	6.20*	7.81*	8.74*	8.82*	9.61*	10.0*	10.3*	10.6*	4.6*	4.5*
France.....	59.0*	74.5*	83.3*	87.3*	92.5*	96.7*	101*	105*	5.0*	5.1*
Greece.....	3.23*	4.17*	4.83*	5.23*	5.70*	6.13*	6.65*	6.93*	6.6*	7.5*
Italy.....	33.9*	44.6*	51.3*	54.3*	55.9*	58.1*	61.4*	64.9*	5.6*	5.5*
Luxembourg.....	0.493*	0.584*	0.598*	0.618*	0.665*	0.683*	0.704*	0.718*	3.2*	3.0*
Netherlands.....	12.9*	15.7*	16.9*	17.5*	19.2*	20.2*	20.8*	21.8*	4.5*	4.7*
Norway.....	4.75*	5.57*	6.12*	6.45*	6.86*	7.24*	7.60*	8.00*	4.5*	5.3*
Portugal.....	2.33*	2.90*	3.25*	3.44*	3.69*	3.95*	4.07*	4.19*	5.0*	5.4*
Turkey.....	5.89*	7.59*	7.91*	8.52*	8.94*	9.35*	10.3*	11.0*	5.3*	5.4*
UK.....	65.5*	75.1*	78.7*	82.3*	86.9*	89.0*	90.3*	91.5*	2.8*	2.9*
West Germany <sup>c</sup> ..	63.7*	91.8*	101*	104*	111*	117*	120*	119*	5.3*	3.8*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The individual series for gross national product (GNP) for the various countries are acceptable when the data are not to be used for international comparisons. The series are inadequate for international comparisons because they are based on the conversion of GNP into a single currency using rates of exchange at par value. Such international comparisons are of doubtful value because the rates do not adequately indicate relative purchasing power. The more correct data for the majority of the countries for comparison of GNP are to be found in Table 1, p. 2.

<sup>b</sup> The base years are 1955 and 1960, respectively. Rates of growth are derived from unrounded data.

<sup>c</sup> Including data for West Berlin.

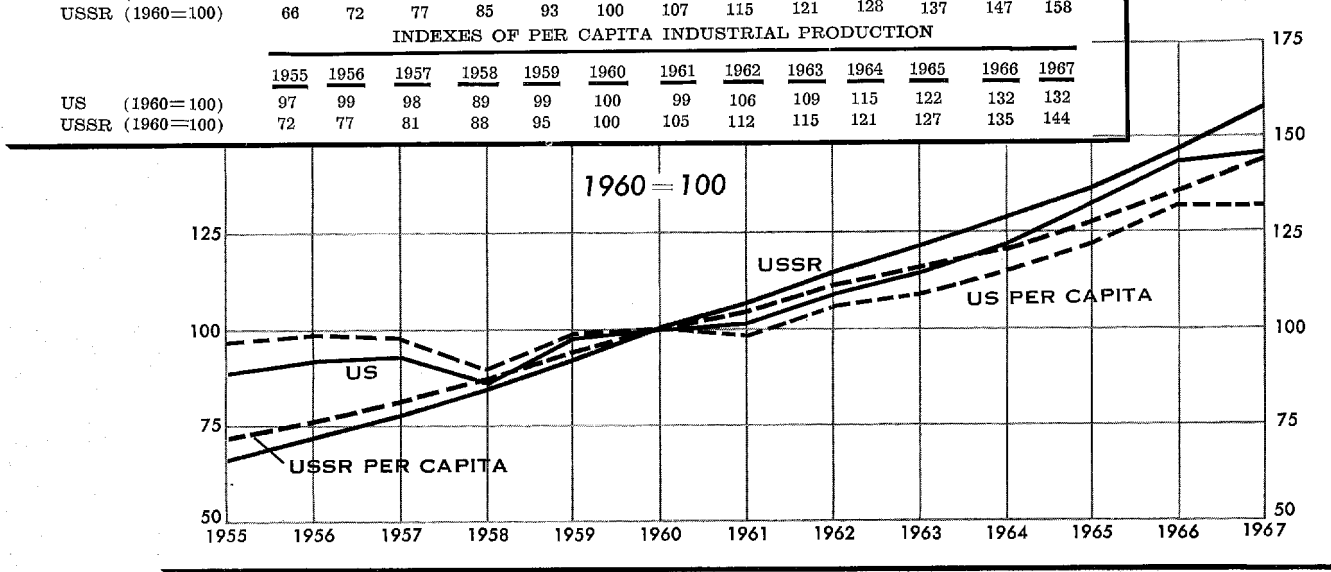
**SECRET**

Figure 2

## INDEXES OF INDUSTRIAL AND AGRICULTURAL PRODUCTION IN THE US AND THE USSR, 1955-67

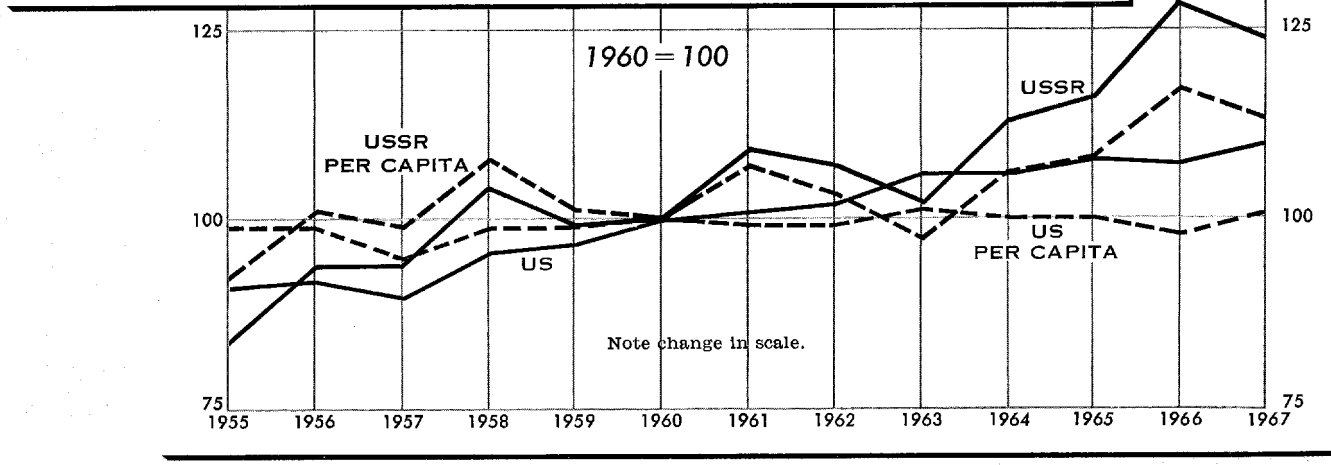
		INDEXES OF INDUSTRIAL PRODUCTION												
		1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
US	(1960=100)	89	92	93	86	97	100	101	109	114	122	132	144	145
USSR	(1960=100)	66	72	77	85	93	100	107	115	121	128	137	147	158

		INDEXES OF PER CAPITA INDUSTRIAL PRODUCTION												
		1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
US	(1960=100)	97	99	98	89	99	100	99	106	109	115	122	132	132
USSR	(1960=100)	72	77	81	88	95	100	105	112	115	121	127	135	144



		INDEXES OF AGRICULTURAL PRODUCTION												
		1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
US	(1960=100)	91	92	90	96	97	100	101	102	106	106	108	107	111
USSR	(1960=100)	84	94	94	104	99	100	109	107	102	113	116	128	124

		INDEXES OF PER CAPITA AGRICULTURAL PRODUCTION												
		1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
US	(1960=100)	99	99	95	99	99	100	99	99	101	100	100	98	101
USSR	(1960=100)	92	101	99	107	101	100	107	104	97	106	108	118	113



**SECRET**

AGGREGATIVE DATA

SECRET

Table 5

Indexes of Industrial Production <sup>a</sup> in Selected NATO and Communist Countries  
1955, 1960, and 1962-67

	1960=100								Average Annual Rate of Growth <sup>b</sup> (Percent)	
	1955	1960	1962	1963	1964	1965	1966	1967 <sup>c</sup>	1956-67	1961-67
<b>NATO COUNTRIES</b>										
US.....	89*	100*	109*	114*	122*	132*	144*	145*	4.2*	5.5*
Belgium.....	88*	100*	112*	121*	129*	132*	134*	130*	3.7*	4.5*
France.....	74*	100*	112*	117*	126*	128*	137*	139*	5.4*	4.8*
Italy.....	65*	100*	122*	132*	134*	140*	156*	169*	8.3*	7.8*
Luxembourg.....	84*	100*	99*	100*	109*	110*	105*	105*	1.9*	0.7*
Netherlands.....	73*	100*	109*	116*	126*	134*	142*	150*	6.2*	6.0*
UK.....	88*	100*	101*	105*	113*	116*	118*	117*	2.4*	2.3*
West Germany.....	71*	100*	111*	115*	125*	132*	134*	132*	5.3*	4.0*
<b>COMMUNIST COUNTRIES</b>										
<b>USSR and Eastern Europe</b>										
USSR <sup>d</sup> .....	66	100	115	121	128	137	147	158	7.5	6.8
Eastern Europe.....	67*	100*	115*	119*	128*	136*	145*	156*	7.3*	6.6*
Bulgaria.....	52*	100*	122*	133*	145*	162*	179*	200*	11.9*	10.4*
Czechoslovakia.....	64*	100*	111*	108*	110*	116*	122*	129*	6.0*	3.7*
East Germany.....	71*	100*	109*	113*	117*	122*	126*	134*	5.4*	4.3*
Hungary.....	77*	100*	119*	127*	138*	144*	152*	163*	6.4*	7.2*
Poland.....	68*	100*	118*	125*	137*	151*	161*	173*	8.1*	8.1*
Rumania.....	64	100*	125*	136*	156*	171*	190*	214*	10.6*	11.5*
<b>Far East</b>										
Communist China <sup>e</sup> .....	43*	100*	58*	64*	72*	78*	83*	N.A.	6.2* <sup>f</sup>	-3.1* <sup>g</sup>
<b>Other</b>										
Yugoslavia.....	55*	100*	115*	133*	154*	166*	173*	172*	10.0*	8.1*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Indexes for the NATO countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. Data for Belgium, France, Italy, Luxembourg, the Netherlands, the UK, and West Germany exclude the manufacture of food, beverages, and tobacco. The indexes for the Communist countries are estimates of this Office—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by this Office. The indexes for the Communist countries include manufacturing, mining, and public utilities.

<sup>b</sup> The base years are 1955 and 1960, respectively.

<sup>c</sup> Preliminary.

<sup>d</sup> Index of gross values for individual commodities and branches aggregated by 1960 value-added weights. The three sectors covered—materials, machinery, and nondurable consumer goods—constitute 50.2 percent, 30.4 percent, and 19.4 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

<sup>e</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.

<sup>f</sup> Rate of growth for 1956-66.

<sup>g</sup> Rate of growth for 1961-66.



SECRET

AGREEMENT DATA

Table 6

Indexes of Industrial and Agricultural Production <sup>a</sup> in the Eastern European Communist Countries  
1955, 1960, and 1962-67

	1960=100								Average Annual Rate of Growth <sup>b</sup> (Percent)	
	1955	1960	1962	1963	1964	1965	1966	1967	1956-67	1961-67
Eastern European										
Industry.....	67*	100*	115*	119*	128*	136*	145*	156*	7.3*	6.6*
Agriculture.....	89	100	97	99	104	106	116	116	2.2	2.1
Bulgaria										
Industry.....	52*	100*	122*	133*	145*	162*	179*	200*	11.9*	10.4*
Agriculture.....	80	100	107	104	118	119	138	139	4.7	4.8
Czechoslovakia										
Industry.....	64*	100*	111*	108*	110*	116*	122*	129*	6.0*	3.7*
Agriculture.....	92	100	96	96	99	96	108	111	1.6	1.5
East Germany										
Industry.....	71*	100*	109*	113*	117*	122*	126*	134*	5.4*	4.3*
Agriculture.....	91	100	85	93	96	105	108	112	1.7	1.6
Hungary										
Industry.....	77*	100*	119*	127*	138*	144*	152*	163*	6.4*	7.2*
Agriculture.....	93	100	94	107	105	97	110	110	1.4	1.4
Poland										
Industry.....	68*	100*	118*	125*	137*	151*	161*	173*	8.1*	8.1*
Agriculture.....	84	100	100	99	105	107	114	113	2.5	1.8
Rumania										
Industry.....	64*	100*	125*	136*	156*	171*	190*	214*	10.6*	11.5*
Agriculture.....	96	100	101	102	109	113	130	127	2.4	3.5

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The indexes of industrial production are estimates of this Office—constructed as nearly as possible on the same basis as indexes for Western countries—or other calculations accepted by this Office. The indexes include manufacturing, mining, and public utilities. The indexes for agricultural production are estimates of this Office—based on the gross production of crops minus seed, waste, and feed (including imported grain), and livestock products (including changes in livestock numbers) using FAO/OECD Western European regional price weights (1952-56 average).

<sup>b</sup> The base years are 1955 and 1960, respectively.

SECRET

Table 7  
 Official Communist Indexes of Gross Industrial Production <sup>a</sup>  
 1955, 1960, and 1962-67

	1960=100							Average Annual Rate of Growth <sup>b</sup> (Percent)		
	1955	1960	1962	1963	1964	1965	1966	1967	1956-67	1961-67
COMMUNIST COUNTRIES										
USSR and Eastern Europe										
USSR.....	61	100	120	129	139	151	164	180	9.4	8.8
Eastern Europe										
Bulgaria.....	48	100	125	138	152	174	195	221	13.6	12.0
Czechoslovakia.....	60	100	116	115	120	129	138	150 <sup>c</sup>	7.9	6.0
East Germany.....	65	100	112	117	125	133	142	152 <sup>c</sup>	7.3	6.2
Hungary.....	70	100	119	127	138	145	155	169 <sup>c</sup>	7.6	7.8
Poland.....	63	100	120	126	138	150	161	174 <sup>c</sup>	8.8	8.2
Rumania.....	60	100	131	148	169	191	213	242 <sup>c</sup>	12.3	13.5
Far East										
North Korea.....	22	100	137	148	173	198	N.A.	N.A.	24.6 <sup>d</sup>	14.6 <sup>e</sup>
North Vietnam.....	21	100	143	154	170	184	N.A.	N.A.	24.2 <sup>d</sup>	13.0 <sup>e</sup>
Other										
Albania.....	46	100	113	121	130	138	152 <sup>c</sup>	171 <sup>c</sup>	11.6	8.0

<sup>a</sup> These indexes are measures of the "gross" value of production of industry at constant prices. The 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 not only manufacturing, mining, and public utilities, as in most Western definitions of industry, but also certain other activities (varying from country to country).

<sup>b</sup> The base years are 1955 and 1960, respectively.

<sup>c</sup> Estimated.

<sup>d</sup> Rate of growth for 1956-65.

<sup>e</sup> Rate of growth for 1961-65.

SECRET

REF ID: A6630001

Table 8

Indexes of Industrial Production, by Branch of Industry, <sup>a</sup> in the USSR  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967 <sup>b</sup>
Industrial materials.....	64.2	100.0	114.1	121.6	130.3	140.1	149.5	159.8
Electric power.....	58.3	100.0	126.5	140.7	156.4	172.2	185.3	200.3
Coal.....	75.2	100.0	102.4	105.4	109.7	114.5	116.7	118.8
Petroleum products and natural gas...	47.5	100.0	127.4	142.3	154.2	169.2	184.8	201.7
Ferrous metals.....	67.7	100.0	118.5	126.6	136.8	146.6	160.0	170.4
Nonferrous metals.....	70.4	100.0	118.5	128.0	137.8	149.6	162.7	178.4
Forest products.....	72.8	100.0	105.2	111.2	116.4	118.4	120.9	128.6
Paper and paperboard products.....	73.0	100.0	113.4	119.7	128.7	145.2	160.7	172.0
Construction materials.....	44.0	100.0	120.3	126.6	134.7	147.4	161.9	174.9
Chemicals.....	54.6	100.0	119.9	128.5	144.5	167.7	182.8	200.2
Machinery.....	66.5	100.0	119.5	127.4	132.4	139.2	153.6	166.4
Civilian.....	56.6	100.0	122.4	133.2	142.2	150.9	163.4	176.2
Military.....	81.4	100.0	115.1	118.7	117.6	121.5	138.7	151.7
Nondurable consumer goods.....	71.5	100.0	110.4	112.0	117.2	126.1	132.7	141.0
Soft goods.....	72.0	100.0	107.5	109.8	114.4	117.1	125.8	134.3
Processed foods.....	70.9	100.0	114.6	115.0	121.0	138.5	142.1	150.3
Total industrial production.....	66.4	100.0	115.0	121.5	128.4	137.1	147.5	158.2

<sup>a</sup> Indexes of gross value for individual commodities and branches are aggregated by 1960 value-added weights. The three sectors covered—materials, machinery, and nondurable consumer goods—constitute 50.2 percent, 30.4 percent, and 19.4 percent, respectively, of the value-added weights for total industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

<sup>b</sup> Preliminary.

SECRET

Table 9

Average Annual Rates of Growth <sup>a</sup> of Industrial Production, by Branch of Industry, in the USSR  
Selected Years, 1956-67

	Percent							
	1956-67	1956-60	1961-67	1963	1964	1965	1966	1967 <sup>b</sup>
Industrial materials.....	7.9	9.3	6.9	6.5	7.2	7.6	6.7	6.9
Electric power.....	10.8	11.4	10.4	11.2	11.2	10.0	7.6	8.1
Coal.....	3.9	5.9	2.5	3.0	4.0	4.4	1.9	1.8
Petroleum products and natural gas...	12.8	16.1	10.5	11.6	8.4	9.7	9.2	9.1
Ferrous metals.....	8.0	8.1	7.9	6.8	8.0	7.2	9.1	6.5
Nonferrous metals.....	8.1	7.3	8.6	8.0	7.7	8.6	8.8	9.6
Forest products.....	4.9	6.6	3.7	5.7	4.7	1.7	2.1	6.4
Paper and paperboard products.....	7.4	6.5	8.1	5.6	7.5	12.8	10.7	7.0
Construction materials.....	12.2	17.8	8.3	5.3	6.4	9.4	9.9	8.0
Chemicals.....	11.4	12.9	10.4	7.2	12.4	16.1	9.0	9.5
Machinery.....	7.9	8.5	7.5	6.6	3.9	5.1	10.4	8.4
Civilian.....	9.9	12.0	8.4	8.8	6.8	6.1	8.3	7.8
Military.....	5.3	4.2	6.1	3.1	-0.9	3.3	14.2	9.4
Nondurable consumer goods.....	5.8	6.9	5.0	1.4	4.7	7.6	5.2	6.3
Soft goods.....	5.3	6.8	4.3	2.2	4.2	2.3	7.4	6.7
Processed foods.....	6.5	7.1	6.0	0.4	5.3	14.4	2.6	5.8
Total industrial production.....	7.5	8.6	6.8	5.6	5.7	6.8	7.6	7.3

<sup>a</sup> Rates of growth are derived from unrounded data.

<sup>b</sup> Preliminary.

Table 10  
 Soviet State Budget  
 Selected Years, 1955-68

Category	1955		1960		1964		1965		1966		1967		1968	
	Actual	Plan	Actual	Plan	Actual	Plan	Actual	Plan	Actual	Plan	Actual	Plan	Actual	Plan
<b>Revenues</b>														
Social Sector.....	47.62		70.14		87.01		93.89		96.65		100.37		105.5	
Turnover Tax.....	24.24		31.34		36.69		38.66		39.5		40.70		40.9	
Profit Deductions.....	10.28		18.63		28.73		30.87		35.2		37.18		39.6	
Taxes on Enterprises and Organizations.....	1.24		1.85		1.35		1.55		1.1		1.12		1.12	
Social Insurance Receipts.....	2.61		3.74		4.95		5.56		5.9 <sup>a</sup>		6.29		25.0	
Residual.....	9.25 <sup>b</sup>		14.58		15.29		17.25		14.9 <sup>a</sup>		15.08		10.0 <sup>c</sup>	
Private Sector.....	8.81		6.94		7.39 <sup>c</sup>		8.43 <sup>c</sup>		8.89 <sup>c</sup>		9.27 <sup>c</sup>		9.2	
State Taxes on the Population.....	4.83		5.60		6.75		7.70		8.1		9.04		9.2	
State Loans.....	3.68		0.91		0.11 <sup>c</sup>		0.18 <sup>c</sup>		0.7 <sup>c</sup>		0.22 <sup>c</sup>		0.8 <sup>c</sup>	
Local Taxes and Lottery Revenue.....	0.30		0.43		0.53		0.55		0.61		0.58		0.8 <sup>c</sup>	
<b>Total.....</b>	<b>56.43</b>		<b>77.08</b>		<b>94.40<sup>c</sup></b>		<b>102.32<sup>c</sup></b>		<b>105.54<sup>c</sup></b>		<b>110.25<sup>c</sup></b>		<b>115.5<sup>c</sup></b>	
<b>Expenditures</b>														
Financing the National Economy.....	23.31		34.13		40.60		44.92		43.85		46.92		49.9	
Industry and Construction.....	10.95		15.59		18.87		20.99		22.4		21.87		N.A.	
Agriculture and Procurement.....	5.84 <sup>d</sup>		4.75		8.67		6.77		6.5		6.35		N.A.	
Transport and Communications.....	1.95		2.81		2.77		2.83		2.7		2.67		N.A.	
Trade.....	1.07		3.59		1.79		2.27		2.7		3.17		N.A.	
Municipal Economy and Housing.....	0.90		3.22		3.79		4.23		4.2		4.53		N.A.	
Other.....	2.60		4.17		4.71		7.83		5.3 <sup>a</sup>		7.84		N.A.	
Social-Cultural Measures.....	14.72		24.94		33.31		38.16		40.38		40.76		43.4	
Education, Science, and Culture.....	6.88		10.31		15.10		17.51		18.71		18.73		19.9	
Health and Physical Culture.....	3.13		4.84		5.66		6.67		7.06		7.10		7.4	
Social Welfare.....	4.71		9.79		12.55		13.98		14.61		14.98		16.1	
Administration.....	1.25		1.09		1.11		1.28		1.32		1.41		1.5	
Defense.....	10.74		9.30		13.28		12.78		13.43		13.40		14.5	
Loan Service.....	1.43		0.7		0.1		0.1		0.1 <sup>a</sup>		0.2		0.2 <sup>a</sup>	
Reserve Funds of the Councils of Ministers.....	0		0		0		0		6.32 <sup>a</sup>		4.04		0	
Residual.....	2.50		2.97		3.83		4.38		4.73		4.73		5.0 <sup>a</sup>	
<b>Total.....</b>	<b>53.95</b>		<b>73.13</b>		<b>92.23</b>		<b>101.62</b>		<b>105.40</b>		<b>110.02</b>		<b>114.5</b>	
Budget Surplus.....	2.48		3.95		2.17 <sup>c</sup>		0.70 <sup>c</sup>		0.14 <sup>c</sup>		0.72 <sup>c</sup>		1.00 <sup>c</sup>	

<sup>a</sup> Estimated data.  
<sup>b</sup> Including revenues from machine tractor stations.  
<sup>c</sup> Not comparable with previous years, as a consequence of the elimination from budgetary revenue of revenue from the savings deposits of the population.  
<sup>d</sup> Including expenditures on machine tractor stations.

Table 11

Soviet Gross Fixed Investment, by Function and by Sector <sup>a</sup>  
1955, 1960, and 1962-67

	Million New Rubles <sup>b</sup>							
	1955 <sup>c</sup>	1960	1962	1963	1964	1965	1966	1967 <sup>d</sup>
Total investment.....	19,600	35,914	39,291	41,320	44,986	48,733	52,175	56,200
By function <sup>e</sup>								
Construction.....	12,800	24,000	24,700	25,200	26,700	29,000	31,000	33,800
Equipment.....	5,300	9,700	12,100	13,400	15,200	16,300	17,300	18,100
Other capital outlays.....	1,500	2,200	2,500	2,700	3,100	3,400	3,900	4,300
Productive investment.....	13,500	22,277	25,232	27,119	30,644	32,800	34,630	36,900
By function <sup>e</sup>								
Of which:								
Construction.....	7,300	12,100	12,700	13,200	14,800	15,900	16,600	17,800
Equipment.....	5,000	8,400	10,400	11,900	13,400	14,500	15,500	16,300
By sector								
Industry <sup>f</sup> .....	7,500	12,673	13,976	14,884	16,718	17,676	18,513	19,500
Ferrous metallurgy.....	600	1,192	1,380	1,415	1,395	1,554	1,500 <sup>g</sup>	1,700
Chemicals.....	300	800	1,137	1,433	1,948	1,924	1,900 <sup>g</sup>	2,000
Fuels and power.....	2,800	3,739	4,110	4,437	5,112	5,687	N.A.	N.A.
Machine building.....	1,100	1,787	2,362	2,405	2,580	2,775	N.A.	N.A.
Construction materials.....	300	997	918	939	841	857	N.A.	N.A.
Consumer goods.....	900	1,945	1,827	1,908	2,074	2,181	2,313	N.A.
Other.....	1,500	2,123	2,242	2,347	2,768	2,698	N.A.	N.A.
Construction industry.....	600	1,021	1,045	1,074	1,200	1,312	1,540	1,800
Agriculture.....	3,800	5,155	6,288	6,946	8,201	8,967	9,557	10,400
Transport and communications.....	1,600	3,428	3,923	4,215	4,525	4,845	5,020	5,200
Nonproductive investment.....	6,100	13,637	14,059	14,201	14,342	15,933	17,545	19,300
By function <sup>e</sup>								
Of which:								
Construction.....	5,500	11,900	12,000	12,000	11,900	13,100	14,400	16,000
Equipment.....	300	1,300	1,700	1,500	1,800	1,800	1,800	1,800
By sector								
Housing.....	3,800	8,209	7,671	7,654	7,334	8,162	8,956	9,900
Welfare services.....	2,300	5,428	6,388	6,547	7,008	7,771	8,589	9,400

<sup>a</sup> Data differ from those presented in the previous *Handbook* because of a revision in 1966 of the official time series on gross fixed investment. Soviet publication of the revised time series has been limited to major categories of investment in 1950, 1958, and 1960-66; other figures appearing in the table are estimates and are so identified.

<sup>b</sup> Data are expressed in investment prices of 1 July 1955 adjusted to reflect subsequent introduction of the following changes: new unit valuations (1956), reduction of overhead cost norms (1958), reduction of equipment installation prices (1959), and reduction of prices for project-survey work and of unit valuations for some types of construction-installation work (1962).

<sup>c</sup> Estimated to the nearest hundred million rubles.

<sup>d</sup> Preliminary.

<sup>e</sup> Rounded to the nearest hundred million rubles.

<sup>f</sup> Excluding the construction industry. Investment figures for individual branches of industry are estimates in all years except 1960, 1964 and 1965.

Table 12

Drawings and Scheduled Repayments on Western Credits to the USSR <sup>a</sup>  
1959-67

Year	Estimated Drawings <sup>b</sup>	Scheduled Repayments <sup>c</sup>	Interest <sup>d</sup>	Net Credits	Million US \$
					Outstanding at End of Year
1959.....	60	12	0	48	48
1960.....	125	37	2	86	136
1961.....	165	70	6	89	231
1962.....	180	106	10	64	305
1963.....	140	130	14	-4	315
1964.....	170	147	15	8	338
1965.....	200	150	17	33	388
1966.....	265	149	21	95	504
1967.....	275	147	29	99	632

<sup>a</sup> There is no record that any credits were extended to the USSR by Western countries before 1959.

<sup>b</sup> Range of error of plus or minus 20 percent for 1959-62 and 10 percent for 1963-67.

<sup>c</sup> Including downpayments.

<sup>d</sup> Interest computed at 5 percent on medium-term credits (five years or less) and at 6 percent on all long-term credits (more than five years) except the Fiat credit, which is computed at its announced rate of 5.75 percent.

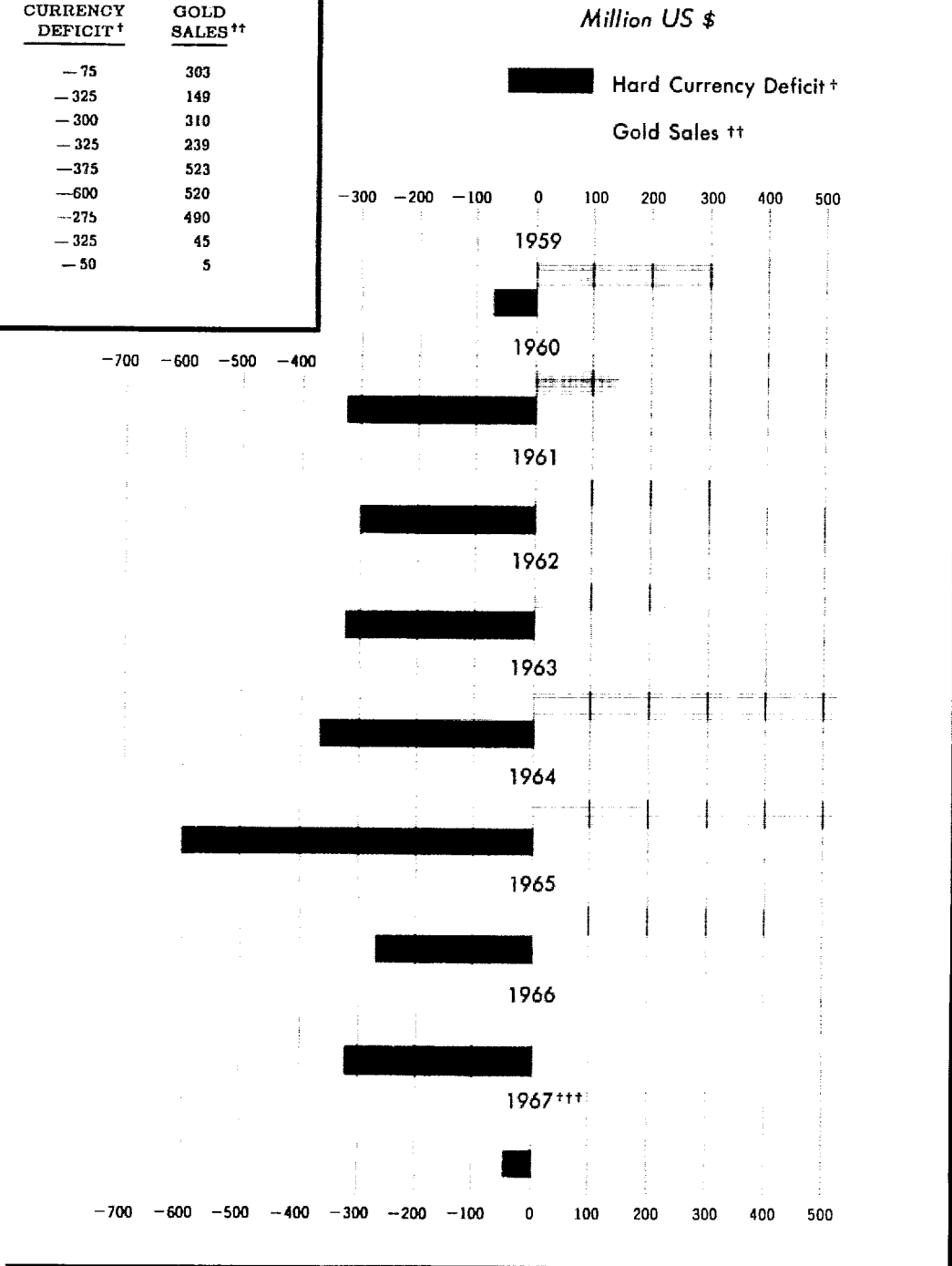
**SECRET**

Figure 3

# SOVIET HARD CURRENCY PAYMENTS DEFICIT

## 1959-67

MILLION US \$		
	HARD CURRENCY DEFICIT <sup>†</sup>	GOLD SALES <sup>††</sup>
1959	-75	303
1960	-325	149
1961	-300	310
1962	-325	239
1963	-375	523
1964	-600	520
1965	-275	490
1966	-325	45
1967 <sup>†††</sup>	-50	5



† Hard currency deficit is primarily a trade deficit.  
 †† Based on a value of \$ 35 per troy ounce.  
 ††† Preliminary.

**SECRET**

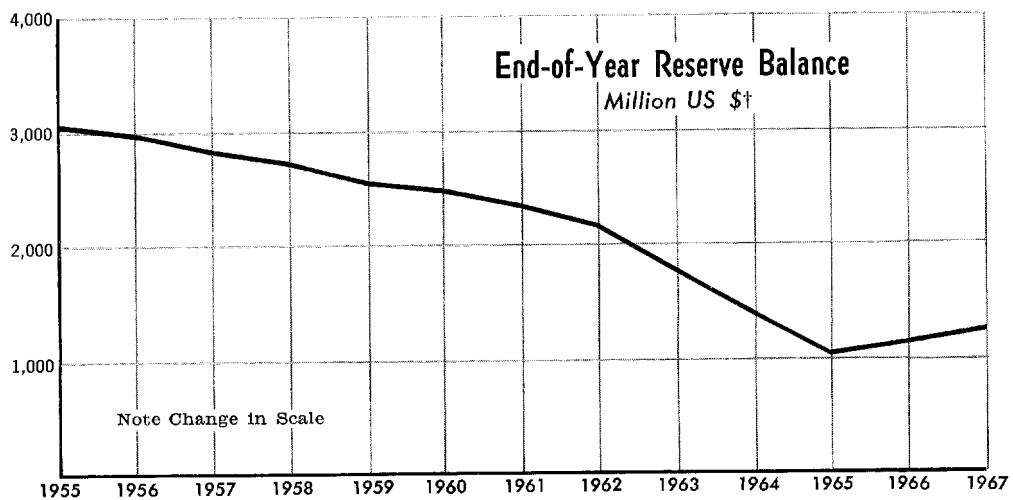
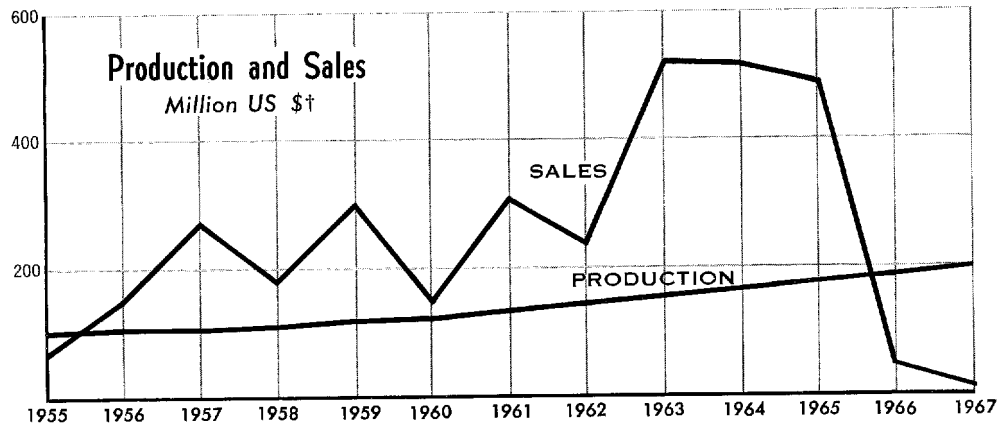


**SECRET**

Figure 4

## PRODUCTION, DISPOSITION, AND RESERVES OF GOLD IN THE USSR, 1955-67

	MILLION US \$ †												
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
PRODUCTION	101	104	104	109	116	124	133	143	153	164	176	188	200
NET CONSUMPTION	18	20	21	22	24	27	28	30	30	32	34	36	38
SALES	70	154	275	182	303	149	310	239	523	520	490	45	5
OTHER ADDITIONS AND WITHDRAWALS	+11	+Negl.	+21	+14	+18	0	0	0	0	0	0	0	-10
CHANGE IN RESERVES END - OF - YEAR	+24	-70	-171	-81	-193	-52	-205	-126	-400	-388	-348	+107	+147
RESERVE BALANCE	3,042	2,972	2,801	2,720	2,527	2,475	2,270	2,144	1,744	1,356	1,008	1,115	1,262



† Based on a value of \$35 per troy ounce.

**SECRET**  
GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 13

Comparison of Selected Economic Data for the US and the USSR  
1955, 1960, and 1962-67

Product, Unit of Measure, and Country	1955	1960	1962	1963	1964	1965	1966	1967
Gross national product (billion 1960 US \$)								
US...	408.6*	555.4*	603.2*	627.4*	661.4*	702.4*	743.3*	762.2*
USSR...	189.7	252.8	279.1	284.2	305.5	322.3	347.5	361.0
Index of industrial production (1960=100)								
US...	89*	100*	109*	114*	122*	132*	144*	145*
USSR...	66	100	115	121	128	137	147	158
Total population (midyear population in millions)								
US...	165.9*	180.7*	186.7*	189.4*	192.1*	194.6*	196.9*	199.1*
USSR...	196.1*	214.2*	221.4*	224.7*	227.8*	230.5*	233.2*	235.5*
Electric power (gross), (billion kilowatt-hours)								
US...	668*	894*	1,001*	1,075*	1,152*	1,230*	1,328*	1,396*
USSR...	170*	292*	369*	412*	459*	507*	545*	589*
Primary energy (million metric tons of coal equivalents <sup>b</sup> )								
US...	1,319*	1,429*	1,508*	1,590*	1,658*	1,715*	1,811*	1,912*
USSR...	435.5*	662.7*	763.0*	821.4*	883.2*	948.3*	1,007.1*	1,067.5*
Passenger automobiles (thousand units)								
US...	7,920*	6,075*	6,933*	7,638*	7,752*	9,306*	8,598*	7,437*
USSR...	108*	139*	166*	173*	185*	201*	230*	251*
Crude steel (million metric tons)								
US...	106.2*	90.1*	89.2*	99.1*	115.2*	119.0*	121.6*	115.1*
USSR...	45.3*	65.3*	76.3*	80.2*	85.0*	91.0*	96.9*	102.2*
Grain (million metric tons)								
US <sup>d</sup> ...	154* <sup>e</sup>	181*	163*	177*	164*	183*	183*	205*
USSR <sup>f</sup> ...	104* <sup>e</sup>	93.0*	109*	92.0*	120*	100*	140*	120 to 123*
Meat <sup>g</sup> (million metric tons)								
US <sup>h</sup> ...	12.2*	12.8*	13.1*	13.9*	14.8*	14.3*	14.8*	15.5*
USSR <sup>i</sup> ...	5.7*	7.4*	8.1*	8.9*	7.3*	8.8*	9.5*	10.0*
Synthetic fibers (thousand metric tons)								
US...	172*	307*	440*	523*	638*	806*	938*	1,058*
USSR...	8.9*	15.0*	33.9*	42.6*	56.9*	77.5*	96.3*	115.8*
Domestic transport performance (billion metric ton- kilometers)								
US...	2,320*	2,370*	2,450*	2,560*	2,680*	2,810*	2,950*	2,960*
USSR...	1,130*	1,790*	1,990*	2,120*	2,270*	2,420*	2,520*	2,700*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>c</sup> Data are for factory sales and include complete units exported for assembly.<sup>d</sup> Excluding corn silage and forage but including sorghum for grain.<sup>e</sup> Annual average for 1955-59.<sup>f</sup> Including miscellaneous grains and pulses.<sup>g</sup> Data are on a carcass weight, bone-in basis.<sup>h</sup> Excluding slaughter fats, poultry, rabbit, and variety meats.<sup>i</sup> Including slaughter fats, poultry, and edible offal.

Table 14

Representative Factors of Consumption in the Economies of the US and the USSR  
1955, 1960, and 1967

	1955	1960	1967
<b>Food</b>			
Grain production <sup>a</sup> (million metric tons)			
US <sup>b</sup> .....	154 <sup>c</sup>	181	205
USSR <sup>d</sup> .....	104 <sup>c</sup>	93	120 to 123
Meat production <sup>e</sup> (million metric tons)			
US <sup>f</sup> .....	12.2	12.8	15.5
USSR <sup>g</sup> .....	5.7	7.4	10.0
Persons supplied per farm worker (persons)			
US.....	20	25	41
USSR.....	4	5	6
<b>Housing</b>			
Housing construction (million square meters)			
US.....	187	144	138
USSR.....	56	109	103
Per capita housing construction (square meters)			
US.....	1.13	0.80	0.69
USSR.....	0.29	0.51	0.44
<b>Transportation</b>			
Automobile production (thousand units)			
US <sup>h</sup> .....	7,920	6,675	7,437
USSR.....	108	139	251
Automobiles in use (thousand units)			
US <sup>i</sup> .....	52,145	61,682	81,051
USSR <sup>j</sup> <sup>k</sup> .....	396	691	1,180
<b>Communications</b>			
Television receivers in use <sup>k</sup> (million units)			
US.....	38	56	78
USSR.....	0.8	5	23
Radio receivers in use <sup>k</sup> (million units)			
US.....	124	168	280
USSR.....	13	28	41
<b>Production of household equipment</b>			
Washing machine production (thousand units)			
US.....	4,237	3,274	4,350
USSR.....	87	895	4,324
Refrigerator production (thousand units)			
US.....	4,200	3,475	4,726
USSR.....	151	529	2,697

<sup>a</sup> The data do not necessarily represent food available for consumption, because imports of foreign grain and exports of domestically produced grain are not included.

<sup>b</sup> Excluding corn silage and forage but including sorghum for grain.

<sup>c</sup> Annual average for 1955-59.

<sup>d</sup> Including miscellaneous grains and pulses.

<sup>e</sup> Data are on a carcass weight, bone-in basis.

<sup>f</sup> Excluding slaughter fats, poultry, rabbit, and variety meats.

<sup>g</sup> Including slaughter fats, poultry, and edible offal.

<sup>h</sup> Data are for factory sales and include complete units exported for assembly.

<sup>i</sup> As of the end of the registration year.

<sup>j</sup> Based on data for production, imports, exports, and estimated retirements.

<sup>k</sup> As of the end of the year.

Table 15  
 Soviet Economic Plan for 1970

Commodity	Unit of Measure	Production		Average Annual Rate of Growth <sup>a</sup> (Percent)		
		Actual 1967	Planned 1970	Actual 1967	Planned 1966-70	Actual 1959-65
<b>Aggregative data</b>						
Index of national income <sup>b</sup> . . . . .	1965=100 . . . . .	115	138 to 141 . . . . .	6.7	6.9	6.8
Gross industrial production <sup>c</sup> . . . . .	1965=100 . . . . .	119	147 to 150 . . . . .	10	8.2	9.1
Group A (producers' goods) . . . . .	1965=100 . . . . .	121	149 to 152 . . . . .	10	8.5	10
Group B (consumer goods) . . . . .	1965=100 . . . . .	117	143 to 156 . . . . .	9	7.6	6.9
Industrial labor productivity . . . . .	1965=100 . . . . .	113	133 to 135 . . . . .	7	6.0	5.1
<b>Fuels and power</b>						
Electric power . . . . .	Billion kilowatt-hours . . . . .	589	800 . . . . .	8.2	10	12
Total coal . . . . .	Million metric tons . . . . .	595	665 to 675 . . . . .	1.7	3.0	2.3
Crude oil . . . . .	Million metric tons . . . . .	288	345 to 355 . . . . .	8.6	7.6	12
Natural gas <sup>d</sup> . . . . .	Billion cubic meters . . . . .	159	215 . . . . .	9.7	11	23
<b>Metals</b>						
Crude steel . . . . .	Million metric tons . . . . .	102.2	124 . . . . .	5.5	6.4	7.5
Rolled steel . . . . .	Million metric tons . . . . .	81.7	95 to 99 . . . . .	6.5	6.5	7.4
Pig iron . . . . .	Million metric tons . . . . .	74.8	94 to 97 . . . . .	6.4	7.6	7.6
<b>Chemicals</b>						
Mineral fertilizer (Soviet statistical reporting units) . . . . .	Million metric tons . . . . .	40.1	62 . . . . .	12	15	14
Plastics and synthetic resins . . . . .	Thousand metric tons . . . . .	1,112	1,800 . . . . .	14	18	19
<b>Manufacturing and construction</b>						
Passenger automobiles . . . . .	Thousand units . . . . .	251.4	600 . . . . .	9.2	24	7.4
Trucks and buses . . . . .	Thousand units . . . . .	477.4	800 . . . . .	7.3	14	0.9
Tractors . . . . .	Thousand units . . . . .	405	525 . . . . .	5.9	8.2	7.1
Television receivers . . . . .	Million units . . . . .	5.0	7.5 to 7.7 . . . . .	13	16	21
Rubber tires . . . . .	Million units . . . . .	29.6	38 to 40 . . . . .	7.0	8.1	9.1
Chemical equipment . . . . .	Million new rubles <sup>e</sup> . . . . .	429	780 to 830 . . . . .	2.4	16	19
Cement . . . . .	Million metric tons . . . . .	84.8	100 to 105 . . . . .	6.0	7.2	12

<sup>a</sup> The base year is the year before the first year of the stated period, and percentages for the plan data are based on the midpoint of the ranges, where given.

<sup>b</sup> The official Soviet measure is based on a Marxist concept of national income and differs significantly from the concept used in Western market economies. For example, the Soviet measure excludes the value of services and overstates the contribution of industry by including all indirect taxes.

<sup>c</sup> Official "gross" value series.

<sup>d</sup> Including production of gas from coal and shale. Table 89, p. 97, excludes production of gas from these sources.

<sup>e</sup> Expressed in 1955 prices.

Table 16

Distribution of Defense and Space Expenditures,<sup>a</sup> by Major Mission, in the US and the USSR  
 1967

	US <sup>b</sup> (Fiscal Year)	USSR <sup>c</sup> (Calendar Year)	
	Billion Current US \$	Billion 1966 US \$	Billion New Rubles <sup>d</sup>
Strategic attack.....	4.4	6.3	2.6
Strategic defense.....	1.7	5.1	2.0
General purpose.....	33.6	17.5	5.5
RDTE & S.....	14.7	13.3	5.5
Other.....	26.4	15.7	3.9
Total.....	81.0	57.9	19.5

<sup>a</sup> To achieve as high a degree of comparability as possible, adjustments have been made to the basic data available for both the US and USSR. For example, the ruble data, by mission, shown here differ somewhat from the comparable 1967 data shown in Table 17, p. 20. All expenditures for research, development, test, and evaluation (RDT & E) activities associated with military programs as well as expenditures for both civilian and military space programs have been aggregated and are included under RDTE & S (RDTE and space programs). All expenditures for nuclear warheads have been aggregated and are included under "Other." All expenditures for military assistance and civil defense programs have been excluded.

<sup>b</sup> Planned total obligational authority (TOA). It should be noted that the pattern of expenditures shown for the US is not representative of the pre-Vietnam period.

<sup>c</sup> These data for the USSR are reviewed and updated several times each year. Therefore, if they are to be used for more than general background purposes, the Office of Strategic Research should be consulted to insure that they represent the latest available information. The Soviet expenditures presented in dollars are measures of Soviet programs computed on the basis of US factor costs and do not measure program costs as seen by Soviet planners.

<sup>d</sup> Expressed in 1955 prices.

Table 17

Estimated Soviet Expenditures for Defense and Space, <sup>a</sup> by Mission  
1955, 1960, and 1962-67

Mission	Billion New Rubles <sup>b</sup>							
	1955	1960	1962	1963	1964	1965	1966	1967
Strategic attack . . . . .	2.0	3.1	3.6	3.3	2.7	2.2	2.7	3.1
Strategic defense . . . . .	1.9	2.0	2.3	1.9	1.9	2.0	2.0	2.1
Ground <sup>c</sup> . . . . .	6.0	3.1	3.2	3.4	3.5	3.6	3.5	3.4
Naval <sup>d</sup> . . . . .	2.3	1.5	1.6	1.7	1.7	1.8	1.7	1.8
Military transport aviation . . . . .	0.3	0.7	0.8	0.8	0.7	0.7	0.6	0.6
RDTE & S <sup>e</sup> . . . . .	1.0	2.3	3.1	3.7	4.1	4.5	5.2	5.5
Command and general support <sup>f</sup> . . . . .	3.0	2.8	2.8	2.8	2.8	2.9	3.0	3.0
Total military expenditures . . . . .	16.6	15.5	17.4	17.4	17.4	17.6	18.7	19.5
Of which:								
Military machinery . . . . .	8.0	9.0	10.7	10.8	10.8	10.9	11.7	12.5

<sup>a</sup> These data are reviewed and updated several times each year. Therefore, if they are to be used for more than general background purposes, the Office of Strategic Research should be consulted to insure that they represent the latest available information. The estimates conceptually include all outlays for personnel and other operating costs, procurement of all hardware used by the military establishment (including nuclear warheads), construction of facilities, military and nuclear research and development activities, and all space programs but exclude military assistance programs. Many of the funds required to cover these expenditures come from sources other than the budget category labeled "Defense" by the USSR. Most of the figures in the table are derived from detailed calculations of the estimated size and cost to deploy and operate individual program elements of the Soviet military establishment. The underlying calculations produce numbers that suggest a high degree of accuracy. In fact, however, these estimates are subject to considerable uncertainty and should not be considered as precise measures. Nevertheless, the estimates are as accurate and as comprehensive as the data available during March 1968 permitted.

<sup>b</sup> Expressed in 1955 prices.

<sup>c</sup> Including expenditures for tactical aviation.

<sup>d</sup> Including expenditures for naval aviation.

<sup>e</sup> Expenditures for research, development, test, and evaluation for all military and nuclear energy programs as well as all expenditures for military and civilian space programs. These estimates are derived from analysis of published Soviet financial data and do not represent detailed calculations of the estimated magnitude and cost of individual programs.

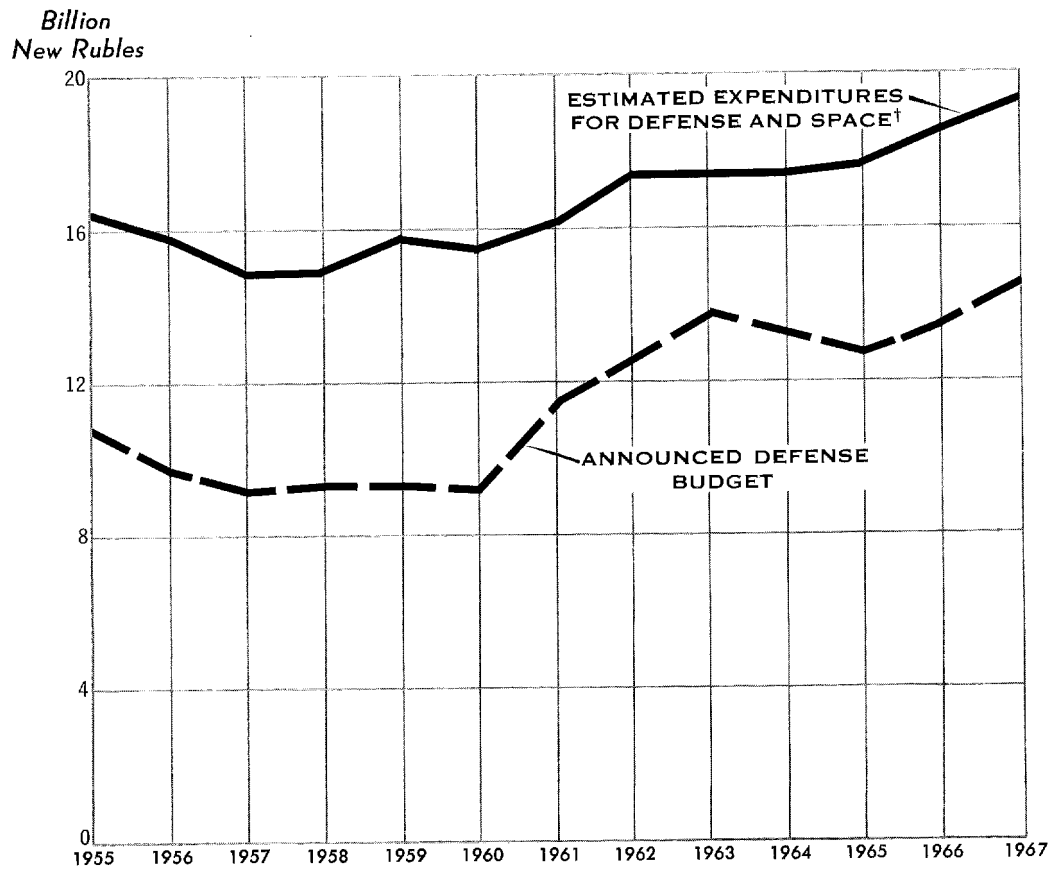
<sup>f</sup> Expenditures for reserve training, militarized security forces, retirement pay, and paramilitary training, in addition to command and support for the active military establishment.

**SECRET**

Figure 5

## ESTIMATED SOVIET EXPENDITURES FOR DEFENSE AND SPACE 1955-67

	BILLION NEW RUBLES												
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
ESTIMATED EXPENDITURES FOR DEFENSE AND SPACE†	16.6	15.9	14.9	14.9	15.9	15.5	16.1	17.4	17.4	17.4	17.6	18.7	19.5
ANNOUNCED DEFENSE BUDGET	10.7	9.7	9.1	9.4	9.4	9.3	11.6	12.6	13.9	13.3	12.8	13.4	14.5



† Expressed in 1955 prices.

**SECRET**  
NO FOREIGN DISSEM

GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

SECRET

Table 18  
Construction of Naval Ships, by Type, in the Communist Countries  
1960 and 1969-67

COMMUNIST COUNTRIES	Class	Units						
		1960	1962	1963	1964	1965	1966	1967
USSR	Submarines							
	Attack							
	Nuclear	2	2	2	2	1	1	2
	Diesel	6	6	4	5	5	6	2
	Ballistic missile							
	Nuclear	3 <sup>a</sup>						1 <sup>b</sup>
	Diesel	7	1					
	Cruise missile							
	Nuclear	2	4	6	6	6	4	1
	Diesel		2	2	2	2	2	1
	Helicopter carrier							1
	Destroyers							
	Guided missile	3	2	2	3	4	3	4
		<i>Kashin, Kildin, Koltin, Krupnyy, Kynda and Kresta.</i>						
	Guided missile motorboats	40	31	25	20	20	20	18
	Patrol craft	26	20	24	21	22	21	24
	Patrol craft	35			6	13	18	18
	Mine ships	11	12	18	18	18	18	18
	Auxiliaries	3	11	5	5	4	3	3
		<i>Don, Dnepr, EX-T-58, Lama, Prut, Uda, Ugra, and Luza.</i>						
	Amphibious	33				6	3	14
		<i>Alligator, MP-8, MP-10, and MP-SMB-1.</i>						
East Germany	Patrol craft		2	5	11	19	18	
	Mine ships							
	Amphibious		6	8	2			1
		<i>Forelle, Has I, Has II, Has III, and Iltis.</i>						
Poland	Patrol craft							
	Mine ships	5				1	3 <sup>c</sup>	3 <sup>c</sup>
	Auxiliaries	11		2	2	1	2	5
	Amphibious		1	3	11	9	7	
		<i>Gdansk, Oksywie, and OP-801.</i>						
		<i>Krogulec, T-43 and TR-40.</i>						
		<i>N. Zubov, Ostol, and Samara.</i>						
		<i>Poltocny.</i>		4	9	14	16	17
Communist China	Submarines	1	3		1	2	2	1
	Destroyer escort						2	2
	Guided missile motorboats				1		8	2
	Patrol craft				1	1		1
	Mine ships	28	5 to 15	5 to 15	5 to 15	40 to 50	70 to 80	90 to 100
	Auxiliaries <sup>d</sup>	2		2	1	2	4	
	Amphibious	30			0 to 5	10 to 15	25 to 30	30 to 40
		<i>LCM and LCT.</i>						

<sup>a</sup> H class.  
<sup>b</sup> New class.  
<sup>c</sup> *Sherstev* and *Obluze* classes.  
<sup>d</sup> More than 150 feet.

SECRET



SECRET

MILITARY

Table 19

Production of Military Aircraft, by Type, in the US and the Communist Countries  
1966 and 1967

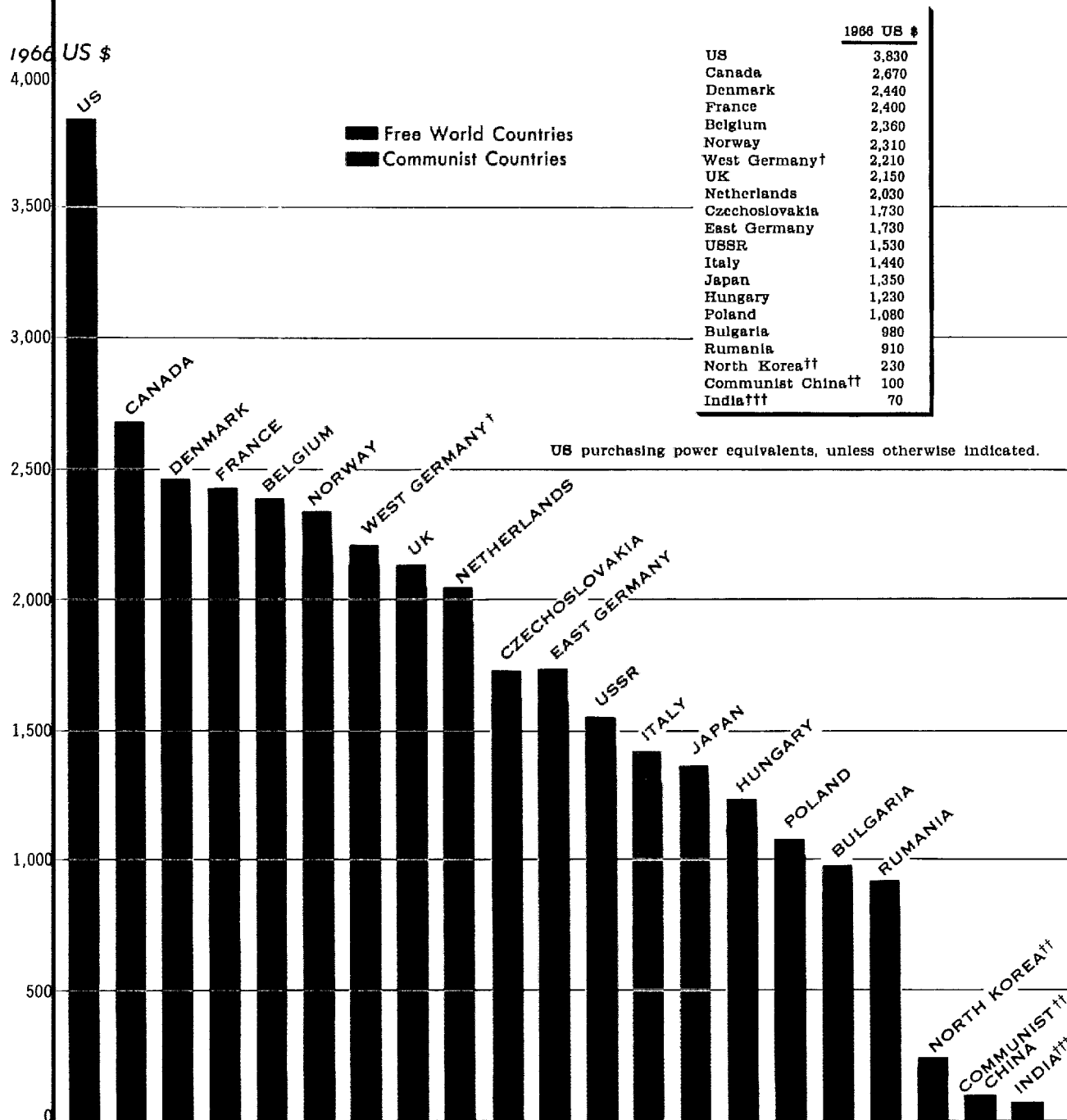
	Units							
	Bombers <sup>a</sup>		Fighters <sup>a</sup>		Transports		Other <sup>b</sup>	
	1966	1967	1966	1967	1966	1967	1966	1967
US <sup>c</sup> .....	0	0	868 <sup>d</sup>	901 <sup>d</sup>	163	190	2,963	3,569
COMMUNIST COUNTRIES <sup>e</sup> .....	80	46	1,400	1,300	220	160	1,000	1,100
USSR and Eastern Europe...	80	46	1,100	1,100	120	100	890	1,000
USSR.....	80	46	1,100	1,100	80	65	180	180
Eastern Europe.....	0	0	0	0	40	40	710	840
Czechoslovakia.....	0	0	0	0	0	0	700	830
Poland.....	0	0	0	0	40	40	10	10
Far East.....	0	0	290	180	100	60	140	90
Communist China.....	0	0	290	180	100	60	140	90

<sup>a</sup> Including reconnaissance aircraft.<sup>b</sup> Data are for trainers, helicopters, and antisubmarine warfare, warning, utility, and reconnaissance aircraft.<sup>c</sup> Data are official military acceptances.<sup>d</sup> Including attack aircraft.<sup>e</sup> Data are estimated and rounded to two significant digits.

**SECRET**

Figure 6

**PER CAPITA GROSS NATIONAL PRODUCT  
IN SELECTED COUNTRIES, 1967**



US purchasing power equivalents, unless otherwise indicated.

†Including West Berlin.

††Data are for 1966.

†††Gross national product per capita converted at the par value exchange rate of 7.5 rupees to US \$1. Data converted at the pre-devaluation par value exchange rate of 4.7619 rupees to US \$1 would yield a gross national product per capita of US \$120.

**SECRET**  
GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

Table 20

Estimated and Projected Population  
 Selected Years, 1955-80

	1955	1960	1962	1964	1965	1966	1967	1970	1975	1980
<b>NATO COUNTRIES.....</b>	<b>445</b>	<b>476</b>	<b>489</b>	<b>502</b>	<b>509</b>	<b>514</b>	<b>520</b>	<b>537</b>	<b>569</b>	<b>604</b>
US.....	165.9	180.7	186.7	192.1	194.6	196.9	199.1	206.0	219.4	235.2
Other NATO.....	279.4	295.2	302.6	310.2	314.0	317.6	320.7	330.8	349.3	369.2
Belgium.....	8.9	9.2	9.2	9.4	9.5	9.5	9.6	9.8	10.1	10.5
Canada.....	15.7	17.9	18.6	19.3	19.6	20.1	20.4	21.7	23.9	26.4
Denmark.....	4.4	4.6	4.6	4.7	4.8	4.8	4.8	5.0	5.2	5.4
France.....	43.4	45.7	47.0	48.4	48.9	49.4	49.9	51.4	53.9	56.6
West Germany.....	50.2	53.2	54.8	56.1	56.8	57.5	57.7	58.7	60.5	62.4
<i>West Berlin</i> .....	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.9
Greece.....	8.0	8.3	8.4	8.5	8.6	8.6	8.7	8.8	9.0	9.2
Iceland.....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Italy.....	48.2	49.6	50.2	51.1	51.6	52.0	52.4	53.6	55.6	57.8
Luxembourg.....	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
Netherlands.....	10.8	11.5	11.8	12.1	12.3	12.5	12.6	13.2	14.1	15.1
Norway.....	3.4	3.6	3.6	3.7	3.7	3.8	3.8	3.9	4.0	4.2
Portugal.....	8.6	8.8	9.0	9.1	9.2	9.3	9.4	9.7	10.2	10.7
Turkey.....	23.9	27.5	29.2	30.9	31.7	32.6	33.5	36.5	42.0	48.4
UK.....	51.2	52.6	53.5	54.2	54.6	54.9	55.1	56.0	58.0	60.0
<b>COMMUNIST COUNTRIES.....</b>	<b>949</b>	<b>1,052</b>	<b>1,084</b>	<b>1,124</b>	<b>1,145</b>	<b>1,166</b>	<b>1,187</b>	<b>1,255</b>	<b>1,380</b>	<b>1,524</b>
USSR and Eastern Europe.....	289	311	319	327	331	334	337	346	364	382
USSR.....	196.1	214.2	221.4	227.8	230.5	233.2	235.5	242.6	254.9	268.5
Eastern Europe.....	92.8	96.5	97.8	99.4	100.1	100.6	101.2	103.8	108.6	113.8
Bulgaria.....	7.5	7.9	8.0	8.1	8.2	8.3	8.3	8.5	8.8	9.1
Czechoslovakia.....	13.1	13.7	13.9	14.1	14.2	14.2	14.3	14.5	15.0	15.4
East Germany.....	17.8	17.0	16.9	17.0	17.0	17.1	17.1	17.2	17.5	17.9
Hungary.....	9.8	10.0	10.1	10.1	10.1	10.2	10.2	10.3	10.5	10.8
Poland.....	27.2	29.6	30.3	31.2	31.5	31.7	31.9	32.8	34.5	36.6
Rumania.....	17.3	18.4	18.7	18.9	19.0	19.1	19.3	20.4	22.2	24.2
Far East.....	634	713	737	768	785	802	820	877	982	1,104
Communist China.....	611	686	709	738	755	772	789	843	944	1,061
North Korea.....	8.9	10.6	11.3	12.0	12.3	12.6	13.0	14.1	16.2	18.6
North Vietnam.....	14.9	16.0	16.6	17.3	17.7	18.1	18.5	19.8	22.0	24.4
Other.....	25.8	27.7	28.4	29.3	29.7	30.2	30.6	31.9	34.4	37.5
Albania.....	1.4	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.5	2.9
Cuba.....	6.1	6.7	6.9	7.1	7.3	7.4	7.5	7.8	8.6	9.6
Mongolia.....	0.8	1.0	1.0	1.1	1.1	1.1	1.2	1.3	1.4	1.7
Yugoslavia.....	17.5	18.4	18.8	19.3	19.5	19.7	20.0	20.7	22.0	23.4

Table 21

Labor Force <sup>a</sup> in the US and Selected Communist Countries  
1955, 1960, and 1962-67

	Million Persons at Midyear							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	68.1	72.1	73.4	74.6	75.8	77.2	78.9	80.8
COMMUNIST COUNTRIES								
USSR and Eastern Europe... USSR <sup>c</sup> .....	153 105.2	158 108.6	161 111.7	164 113.6	166 115.7	171 119.9	173 121.4	175 123.2
Eastern Europe.....	47.6	49.1	49.6	50.0	50.6	51.0	51.6	52.1
Bulgaria.....	4.11	4.27	4.34	4.38	4.42	4.46	4.51	4.56
Czechoslovakia.....	6.12	6.38	6.51	6.58	6.64	6.71	6.77	6.80
East Germany.....	8.74	8.55	8.34	8.33	8.34	8.34	8.33	8.32
Hungary.....	4.62	4.89	4.93	4.96	4.98	5.02	5.05	5.09
Poland.....	13.61	14.22	14.51	14.73	15.01	15.23	15.53	15.86
Rumania.....	10.40	10.82	10.97	11.06	11.17	11.29	11.39	11.49
Far East								
Communist China <sup>d</sup> .....	273	307	306	314	321	328	335	343
North Korea <sup>d</sup> .....	3.5	4.1	4.4	4.6	4.7	4.8	4.9	5.0
North Vietnam <sup>d</sup> .....	7.4	8.2	8.6	8.9	9.2	9.4	9.6	9.8
Other								
Albania.....	0.68	0.73	0.76	0.78	0.80	0.82	0.84	0.86
Yugoslavia.....	8.01	8.32	8.49	8.62	8.75	8.88	8.99	9.09

<sup>a</sup> Unless otherwise indicated, data include the armed forces and the unemployed.

<sup>b</sup> Annual averages of monthly data.

<sup>c</sup> Excluding militarized security forces.

<sup>d</sup> Excluding the armed forces.

Table 22

Agricultural Labor Force <sup>a</sup> in the US and Selected Communist Countries  
 1955, 1960, and 1962-67

Million Persons at Midyear

	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	6.45	5.46	4.94	4.69	4.52	4.36	3.98	3.84
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	<b>72.4</b>	<b>66.2</b>	<b>63.5</b>	<b>63.0</b>	<b>62.5</b>	<b>63.2</b>	<b>62.6</b>	<b>61.8</b>
USSR <sup>c</sup> .....	49.9	44.9	43.1	42.9	42.5	43.5	43.1	42.6
Eastern Europe.....	<b>22.5</b>	<b>21.3</b>	<b>20.4</b>	<b>20.0</b>	<b>20.0</b>	<b>19.7</b>	<b>19.5</b>	<b>19.2</b>
Bulgaria.....	2.73	2.31	2.28	2.22	2.20	2.13	2.10	2.08
Czechoslovakia.....	2.16	1.67	1.52	1.47	1.42	1.37	1.31	1.25
East Germany.....	1.74	1.43	1.42	1.42	1.42	1.42	1.40	1.39
Hungary.....	2.01	1.84	1.70	1.60	1.53	1.53	1.51	1.49
Poland.....	6.62	6.61	6.40	6.30	6.41	6.26	6.23	6.18
Rumania.....	7.26	7.41	7.11	7.04	6.98	7.01	6.95	6.85
Far East								
Communist China.....	234	254	262	269	275	280	286	294
North Korea.....	2.3	2.2	2.2	2.3	2.4	2.4	2.5	2.5
North Vietnam.....	6.2	6.4	6.6	6.7	7.0	7.0	7.0	7.0
Other								
Albania.....	0.51	0.51	0.53	0.52	0.53	0.54	0.55	0.56
Yugoslavia.....	5.04	4.73	4.63	4.61	4.59	4.57	4.54	4.51

<sup>a</sup> Excluding the armed forces.

<sup>b</sup> Annual averages of monthly data. Data are for civilian employment and differ from those presented in Figure 13, p. 127. Data in Figure 13 are for farm employment and include farm operators doing one or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages. Data in Figure 13 are based on a survey of farm payrolls conducted by the US Department of Agriculture. Data for the agricultural labor force are based on a household survey of the entire population conducted by the US Bureau of the Census. Data in Figure 13 are a more comprehensive count of agricultural employment and are considered to be more comparable to data presented for the USSR, whereas data in this table are considered to be more comparable to data presented for the Communist countries as a whole.

<sup>c</sup> Excluding militarized security forces.

Table 23

Nonagricultural Labor Force <sup>a</sup> in the US and Selected Communist Countries  
1955, 1960, and 1962-67

	Million Persons at Midyear							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	55.7	60.3	61.8	63.1	64.8	66.7	68.9	70.5
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	80.4	91.6	97.8	101	104	108	110	113
USSR <sup>c</sup> .....	55.3	63.7	68.6	70.7	73.2	76.4	78.3	80.6
Eastern Europe.....	25.1	27.9	29.2	30.0	30.6	31.3	32.1	32.9
Bulgaria.....	1.38	1.96	2.07	2.17	2.22	2.33	2.41	2.48
Czechoslovakia.....	3.96	4.72	4.99	5.11	5.22	5.34	5.45	5.55
East Germany.....	7.00	7.12	6.92	6.92	6.92	6.92	6.93	6.93
Hungary.....	2.61	3.05	3.23	3.35	3.46	3.49	3.54	3.60
Poland.....	6.99	7.61	8.12	8.44	8.59	8.97	9.30	9.68
Rumania.....	3.14	3.41	3.86	4.03	4.19	4.28	4.44	4.64
Far East								
Communist China <sup>d</sup> .....	39	53	44	45	46	48	49	49
North Korea <sup>d</sup> .....	1.2	1.9	2.2	2.3	2.3	2.4	2.4	2.5
North Vietnam <sup>d</sup> .....	1.2	1.8	2.0	2.2	2.2	2.4	2.6	2.8
Other								
Albania.....	0.17	0.22	0.24	0.26	0.27	0.28	0.29	0.31
Yugoslavia.....	2.97	3.59	3.86	4.00	4.16	4.32	4.45	4.58

<sup>a</sup> Unless otherwise indicated, data include the armed forces.

<sup>b</sup> Civilian employment. The data are annual averages of monthly data that exclude the armed forces.

<sup>c</sup> Excluding militarized security forces.

<sup>d</sup> Excluding the armed forces.

Table 24  
 United States: Selected Economic Data  
 1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
Unit of Measure								
<b>Aggregate data</b>								
Gross national product.....	499	555	603	627	661	702	743	762
Index of industrial production, 1960=100.....	89	100	109	114	122	132	144	145
Total population (midyear) ..	166	181	187	189	192	195	197	199
Million persons.....								
Million persons.....	68.1	72.1	73.4	74.6	75.8	77.2	78.9	80.8
<b>Fuels and power</b>								
Primary energy (coal equivalent) <sup>b</sup>	1.32	1.43	1.51	1.59	1.66	1.71	1.81	1.91
Electric power (gross).....	0.67	0.89	1.00	1.07	1.15	1.23	1.33	1.40
Trillion kilowatt-hours.....								
Crude oil.....	336	348	362	372	377	385	409	435
Million metric tons.....								
<b>Minerals and metals</b>								
Crude steel <sup>c</sup> .....	106	90.1	89.2	99.1	115	119	122	115
Million metric tons.....								
Rolled steel.....	84.5 <sup>d</sup>	69.4	68.0	74.3	85.1	90.1	90.0	N.A.
Million metric tons.....								
Refined copper <sup>e</sup> .....	1.44	1.64	1.73	1.72	1.82	1.96	2.00	1.40
Million metric tons.....								
Primary aluminum.....	1.42	1.83	1.92	2.10	2.32	2.50	2.69	2.97
Million metric tons.....								
<b>Agriculture</b>								
Grain <sup>f</sup> .....	154 <sup>g</sup>	181	163	177	164	183	183	205
Million metric tons.....								
Meat <sup>h</sup> .....	12.2	12.8	13.1	13.9	14.8	14.3	14.8	15.5
Million metric tons.....								
<b>Manufactured items</b>								
Passenger automobiles <sup>i</sup> .....	7.92	6.67	6.93	7.64	7.75	9.31	8.60	7.44
Million units.....								
Sulfuric acid (100 percent)...	14.7	16.2	17.9	19.0	20.8	22.5	25.8	25.6
Million metric tons.....								
Mineral fertilizer (nutrients) <sup>j</sup> ..	5.94	7.41	8.84	9.93	10.6	11.9	13.2	14.7
Million metric tons.....								
Electron tubes <sup>k</sup> .....	491	402	370	404	378	406	451	330
Million units.....								
Cement.....	53.0	56.1	58.9	61.6	64.4	65.1	67.2	65.3
Million metric tons.....								
Rayon and acetate fabrics.....	1.76	1.31	1.44	1.58	1.64	1.62	1.50	1.44
Billion linear meters.....								
Cotton fabrics.....	9.30	8.56	8.46	7.99	8.35	8.47	8.11	7.56
Billion linear meters.....								
Radio receivers <sup>l</sup> .....	14.5	18.0	20.5	19.7	20.7	25.7	25.3	23.2
Million units.....								
Television receivers <sup>m</sup> .....	7.78	5.83	6.91	7.88	9.57	11.0	12.4	10.9
Million units.....								
Metallcutting machine tools..	58.0	42.9	47.5	50.4	58.7	68.0	80.6	86.8
Thousand units.....								
<b>Trade</b>								
Imports (f.o.b.).....	11.6	15.1	16.5	17.2	18.8	21.4	25.6	26.9
Exports (f.o.b.) <sup>n</sup> .....	15.6	20.6	21.7	23.4	26.7	27.5	30.4	31.6
Billion US \$.....								

<sup>a</sup> Including the armed forces and the unemployed. Data are annual averages of monthly data.  
<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.  
<sup>c</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.  
<sup>d</sup> Including steel castings and steel forgings.  
<sup>e</sup> Including production from secondary plants and copper refined by manufacturers for their own use.  
<sup>f</sup> Data are for barley, corn (excluding silage and forage), oats, rice, rye, sorghum for grain, and wheat.  
<sup>g</sup> Annual average for 1955-59.  
<sup>h</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat.  
<sup>i</sup> Factory sales.  
<sup>j</sup> Data are for "fertilizer years"—that is, the year beginning 1 July of the stated year.  
<sup>k</sup> Producer sales. Data include monochrome picture tubes.  
<sup>l</sup> Data for radio-phonograph combinations are factory sales.  
<sup>m</sup> Pre-1964 data for color receivers are factory sales.  
<sup>n</sup> Including military grant-aid but excluding reexports.

Table 25

European NATO: Summary of Selected Economic Data  
1955, 1960, and 1962-67

Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>								
Gross national product <sup>a, b</sup> .....	320	410	450	470	490	510	530	540
Total population <sup>b</sup> (midyear).....	264	277	284	288	291	294	298	300
<b>Fuels and power</b>								
Primary energy (coal equivalents <sup>c</sup> )..	574	578	585	595	599	585	566	557
Electric power (gross) <sup>d</sup> .....	319	464	541	585	634	678	708	747
Hard coal.....	477	437	433	428	431	414	388	364
Brown coal and lignite.....	95.9	106	113	119	123	116	112	112
Crude oil.....	5.59	12.0	13.8	14.8	16.5	17.1	17.1	16.8
<b>Minerals and metals</b>								
Crude steel <sup>d</sup> .....	73.4	98.6	95.2	97.8	111	115	112	116
Iron ore <sup>d</sup> .....	89.4	110	105	94.0	97.5	94.9	88.1	80.7
Pig iron.....	54.1	70.9	68.5	69.0	79.5	82.2	79.1	82.9 <sup>b</sup>
Primary aluminum <sup>d</sup> .....	0.42	0.69	0.80	0.86	0.94	1.01	1.10	1.14
Refined copper <sup>d</sup> .....	713	830	843	866	928	982	951	961
<b>Agriculture</b>								
Grain <sup>e</sup> .....	76.9 <sup>f</sup>	82.9	90.0	90.1	93.9	96.5	95.4	108
Meat <sup>e</sup> .....	9.64	10.6	12.0	11.9	11.8	12.3	12.6	12.9
Cattle (beginning of year) <sup>g</sup> .....	72.0	78.0	80.9	81.3	79.9	81.1	83.2	84.9
Potatoes.....	68.4	71.1	66.7	71.4	60.6	55.9	56.0	60.0
<b>Manufactured items</b>								
Passenger automobiles <sup>d</sup> .....	2.44	4.92	5.57	6.63	6.99	7.13	7.68	7.25
Tractors.....	375	404	419	436	436	456	450	440
Sulfuric acid <sup>d</sup> (100 percent).....	10.3	13.3	13.6	14.3	15.6	16.5	16.8	17.3
Mineral fertilizer (nutrients) <sup>h</sup> .....	8.16	10.8	11.4	12.4	13.1	13.7	N.A.	N.A.
Radio receivers.....	7.41	11.4	12.5	12.4	11.2	11.0	11.6	N.A.
Television receivers.....	2.38	6.20	5.45	6.28	7.26	7.28	6.82	N.A.
Cement <sup>d</sup> .....	63.2	82.7	95.7	100	115	115	119	124
<b>Transportation</b>								
Railroad freight traffic.....	164	174	177	184	186	183	180	177

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including data for West Berlin.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Including data for West Berlin beginning in 1964.

<sup>e</sup> Data are for barley, corn, oats, rice, rye, and wheat where they are produced.

<sup>f</sup> Annual average for 1955-59.

<sup>g</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat where they are produced.

<sup>h</sup> Including data for the Faroe Islands and Greenland.

<sup>i</sup> Data are for "fertilizer years"—that is, in general, the year beginning 1 July of the stated year.



Table 26

France: Selected Economic Data  
1955, 1960, and 1962-67

Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>								
Gross national product <sup>a</sup> .....	67.1	84.7	94.7	99.3	105	110	115	120
Index of industrial production. 1960=100.....	74	100	112	117	126	128	137	139
Total population (midyear) ..	43.4	45.7	47.0	47.9	48.4	48.9	49.4	49.9
<b>Fuels and power</b>								
Primary energy (coal equivalents <sup>b</sup> )	72.1	86.2	83.7	83.4	84.6	83.7	83.7	83.2
Electric power (gross).....	51.5	75.0	86.8	91.8	98.3	106	110	116
Crude oil.....	0.88	1.98	2.37	2.52	2.85	2.99	2.93	2.83
<b>Minerals and metals</b>								
Crude steel.....	12.6	17.3	17.2	17.6	19.8	19.6	19.6	19.7
Rolled steel.....	9.70 <sup>c</sup>	13.7	13.6	13.7	15.6	15.7	15.8	N.A.
Refined copper.....	19.3	40.2	37.5	33.7	37.9	41.1	42.7	36.3
Primary aluminum.....	129	238	295	298	316	340	364	361
<b>Agriculture</b>								
Grain <sup>d</sup> .....	19.4 <sup>e</sup>	22.8	24.7	24.8	25.6	28.6	26.1	31.0
Meat <sup>f</sup> .....	2.47	2.61	3.15	3.08	3.02	3.24	3.33	3.49
<b>Manufactured items</b>								
Synthetic fibers.....	11.2	45.3	65.4	81.2	92.6	87.1	109	110
Passenger automobiles.....	0.55	1.14	1.31	1.48	1.35	1.37	1.76	1.75
Sulfuric acid (100 percent)...	1.47	2.05	2.27	2.39	2.70	2.92	3.07	3.22
Mineral fertilizer (nutrients) <sup>g</sup> ..	2.26	3.02	3.25	3.72	3.69	3.76	N.A.	N.A.
Radio receivers.....	1.23	2.21	2.67	2.84	2.46	2.30	2.40	N.A.
Television receivers.....	0.19	0.66	0.99	1.15	1.33	1.25	1.35	N.A.
Cement.....	10.8	14.3	16.9	18.1	21.5	22.4	23.4	25.1
<b>Trade</b>								
Imports (c.i.f.).....	4.74 <sup>h</sup>	6.28	7.52	8.73	10.1	10.3	11.8	12.4
Exports (f.o.b.).....	4.91 <sup>h</sup>	6.86	7.36	8.08	9.00	10.1	10.9	11.4

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Including steel castings and steel forgings.

<sup>d</sup> Data are for barley, corn, oats, rice, rye, and wheat.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat.

<sup>g</sup> Data are for "fertilizer years"—that is, the year beginning 1 July of the stated year.

<sup>h</sup> Including data for the Saar.

TABLE 27

Italy: Selected Economic Data  
1955, 1960, and 1962-67

Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregate data</b>								
Gross national product <sup>a</sup> .....	39.4	51.8	59.6	63.1	64.9	67.5	71.4	75.4
Index of industrial production.....	65	100	122	132	134	140	156	169
Total population (midyear).....	48.2	49.6	50.2	50.6	51.1	51.6	52.0	52.4
Fuels and power								
Primary energy (coal equivalents) <sup>b</sup> .....	23.4	37.7	36.4	40.2	39.1	40.2	43.3	46.5
Electric power (gross).....	38.1	56.2	64.9	71.3	76.9	83.1	89.9	97.1
Crude oil.....	0.20	2.00	1.82	1.78	2.67	2.21	1.81	1.69
Minerals and metals								
Crude steel.....	5.40	8.23	9.76	10.2	9.79	12.7	13.6	15.9
Rolled steel.....	4.50 <sup>c</sup>	7.78	8.58	9.02	9.04	10.6	11.3	N.A.
Refined copper.....	26.9	15.5	12.0	13.0	11.7	12.7	16.9	16.8
Primary aluminum.....	61.7	83.6	82.9	91.4	116	124	128	128
Agriculture								
Grain <sup>d</sup> .....	14.2 <sup>e</sup>	12.0	14.4	13.0	14.0	14.5	14.3	15.1
Meat <sup>f</sup> .....	0.83	1.10	1.26	1.10	1.11	1.08	1.15	1.21
Manufactured items								
Synthetic fibers.....	8.53	33.7	63.3	77.6	100	105	143	153
Passenger automobiles <sup>g</sup> .....	0.23	0.60	0.88	1.11	1.03	1.10	1.28	1.44
Radio receivers.....	0.71	0.94	1.53	1.55	0.78	1.20	1.58	N.A.
Television receivers.....	0.09	0.73	0.78	0.98	0.81	1.04	1.24	N.A.
Sulfuric acid (100 percent).....	1.94	2.30	2.55	2.71	2.89	2.98	3.34	3.52
Mineral fertilizer (nutrients) <sup>h</sup> .....	0.80	1.11	1.27	1.36	1.46	1.59	N.A.	N.A.
Cement.....	10.8	16.0	20.2	22.1	22.8	20.2	22.4	26.3
Trade								
Imports (c.i.f.).....	2.71	4.72	6.08	7.59	7.25	7.38	8.59	9.70
Exports (f.o.b.).....	1.86	3.65	4.67	5.05	5.96	7.20	8.04	8.70

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Including steel castings and steel forgings.

<sup>d</sup> Data are for barley, corn, oats, rice, rye, and wheat.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat.

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

<sup>h</sup> Data are for 'fertilizer years'—that is, the year beginning 1 July of the stated year.

25X6A

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Next 1 Page(s) In Document Exempt

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Table 30

India: Selected Economic Data  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
Aggregative data								
Gross national product <sup>a</sup> .....	23.7	28.7	30.8	32.4	34.8	33.3	34.0	37.6
Index of industrial production.....	71	100	120	130	141	151	152	151
Total population (midyear).....	390	433	453	464	476	487	499	511
Fuels and power								
Electric power (gross).....	10.9	20.1 <sup>b</sup>	26.2 <sup>b</sup>	30.3 <sup>b</sup>	33.1 <sup>b</sup>	36.5	39.8	44.0
Hard coal.....	38.8	52.6	61.4	66.0	62.4	67.2	68.0	69.2
Crude oil.....	0.35	0.45	1.08	1.65	2.21	3.02	4.64	5.56
Minerals and metals								
Crude steel <sup>c</sup> .....	1.73	3.29	5.15	5.97	6.03	6.41	6.60	6.42
Iron ore.....	N.A.	16.6	19.6	20.6	21.4	23.7	26.5	25.6
Manganese ore.....	1.61	1.20	1.23	1.10	1.30	1.61	1.68	N.A.
Pig iron.....	1.92	4.26	5.92	6.74	6.74	7.14	7.20	7.05
Primary aluminum.....	7	18	35	55	54	60	64	89
Refined copper.....	7.4	8.9	9.8	9.6	9.5	9.4	9.4	8.9
Agriculture								
Ginned cotton.....	0.82	1.01	1.07	1.13	1.07	1.00	1.00	1.13
Rice (rough, or paddy) <sup>d</sup> .....	43.4 <sup>e</sup>	51.3	47.9	55.4	58.6	46.0	47.0	60.0
Sugar (raw value).....	1.76	2.81	3.04	2.50	2.84	3.49	3.63	2.36
Wheat.....	9.03 <sup>e</sup>	10.3	12.0	10.8	9.86	12.3	10.4	11.5
Manufactured items								
Cotton fabrics <sup>f</sup> .....	6.28	6.63	6.97	7.30	7.73	7.63	7.34	7.10
Woolen fabrics <sup>g</sup> .....	8	8	8	18	12	10	9	9
Passenger automobiles (civilian).....	13.6	24.6	30.9	23.8	33.6	35.3	37.4	38.9
Sulfuric acid (100 percent).....	169	354	469	568	680	685	674	790
Cement.....	4.56	7.84	8.59	9.36	9.69	10.6	11.1	11.3
Trade								
Imports (c.i.f.).....	1.41	2.33	2.36	2.48	2.88	2.91	2.82	2.69
Exports (f.o.b.).....	1.28	1.33	1.40	1.63	1.75	1.69	1.61	1.61

<sup>a</sup> Data are at factor costs. Data are for the fiscal year beginning 1 April of the stated year and are converted at the par value exchange rate of 7.5 rupees to US \$1.

<sup>b</sup> Data are for the year beginning 1 April of the stated year.

<sup>c</sup> Beginning in 1963, ingots only.

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

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> Mill and decentralized sector production.

<sup>g</sup> Data differ from those presented in the previous *Handbook* because the series has been revised to include wearable fabrics produced in the mill sector only.

25X6A

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

SECRET

COUNTRY TABLES - USSR

Table 32

USSR: Selected Economic Data  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
Aggregative data								
Gross national product <sup>a</sup> .....	190	253	279	284	306	322	348	361
Index of industrial production	66	100	115	121	128	137	147	158
Total population (midyear)								
Labor force <sup>b</sup> (midyear).....	196*	214*	221*	225*	228*	231*	233*	236*
Fuels and power	105*	109*	112*	114*	116*	120*	121*	123*
Primary energy (coal equivalents) <sup>c</sup>	0.44*	0.66*	0.76*	0.82*	0.88*	0.95*	1.01*	1.07*
Electric power (gross).....	170*	292*	369*	412*	459*	507*	545*	589*
Hard coal.....	277*	375*	386*	395*	409*	428*	439*	447
Crude oil.....	70.8*	148*	186*	206*	224*	243*	265*	288*
Natural gas <sup>d</sup> .....	8.98*	45.3*	73.5*	89.8*	109*	128*	143*	157*
Minerals and metals								
Crude steel.....	45.3*	65.3*	76.3*	80.2*	85.0*	91.0*	96.9*	102*
Rolled steel.....	35.3*	51.0*	59.3*	62.5*	66.7*	70.9*	76.7*	81.7*
Pig iron.....	33.3*	46.8*	55.3*	58.7*	62.4*	66.2*	70.3*	74.8*
Iron ore.....	71.9*	106*	128*	138*	146*	153*	160*	168*
Refined copper.....	377*	490*	590*	640*	700*	770*	828*	915*
Primary aluminum.....	0.43*	0.63	0.77	0.86	0.94	1.02	1.16	1.30
Lead.....	258*	324*	364*	385*	408*	433*	463*	495*
Agriculture								
Grain <sup>e</sup> .....	104*	93.0*	109*	92.0*	120*	100*	140*	120 to 123*
Cattle (beginning of year)...	56.7*	74.2*	82.1*	87.0*	85.4*	87.2*	93.4*	97.1*
Meat <sup>g</sup> .....	5.69*	7.38*	8.14*	8.87*	7.30*	8.80*	9.50*	10.0*
Milk.....	40.8*	55.5*	58.1*	56.3*	59.5*	68.2*	71.2*	74.5*
Fish catch.....	2.74*	3.54*	4.17*	4.68*	5.17*	5.77*	6.09*	6.52*
Manufactured items								
Passenger automobiles.....	108*	139*	166*	173*	185*	201*	230*	251*
Sulfuric acid (100 percent)...	3.80*	5.40*	6.13*	6.88*	7.65*	8.52*	9.37*	9.47*
Mineral fertilizer (nutrients)...	2.30*	3.28*	4.08*	4.65*	6.01*	7.39*	8.44*	9.40*
Metaleuting machine tools...	117*	156*	177*	183*	184*	186*	192*	197*
Tractors.....	163*	238*	287*	325*	329*	354*	382*	405*
Transportation and trade								
Railroad freight traffic.....	0.97*	1.50*	1.65*	1.75*	1.85*	1.95*	2.02*	2.16*
Motor vehicle freight traffic...	42.6*	98.5*	112*	120*	132*	143*	155*	167*
Imports (f.o.b.).....	3.06*	5.63*	6.46*	7.06*	7.74*	8.06*	7.91*	8.56*
Exports (f.o.b.).....	3.43*	5.56*	7.03*	7.27*	7.68*	8.17*	8.84*	9.67*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Data include the armed forces and the unemployed but exclude militarized security forces.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>e</sup> Data are for barley, corn, oats, rice, rye, wheat, and miscellaneous grains including pulses.

<sup>f</sup> Annual average for 1955-59.

<sup>g</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, poultry, edible offal, and slaughter fats.

SECRET

Table 22

Eastern Europe: Summary of Selected Economic Data  
1955, 1960, and 1962-67

Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>								
Gross national product <sup>a</sup> .....	73.9*	94.8*	102*	105*	110*	115*	122*	127*
Total population (midyear).....	92.8*	96.5*	97.8*	98.6*	99.4*	100*	101*	101*
<b>Fuels and power</b>								
Primary energy (coal equivalents).....	231	275	300	312*	323*	326*	333	334
Electric power (gross).....	73.3*	114*	134*	143*	157*	170*	185*	200*
Hard coal.....	124*	141*	148*	154*	158*	160*	162*	162
Brown coal and lignite.....	278*	336*	376*	394*	408*	403*	404*	393
Crude oil.....	12.6*	13.2*	14.1*	14.6*	14.9*	15.2*	15.6	16.2
<b>Minerals and metals</b>								
Crude steel.....	14.3*	21.2*	24.7*	25.3*	27.2*	28.7*	30.6*	32.8*
Iron ore.....	6.95*	9.34*	10.6*	11.4*	10.6*	12.0*	12.8*	13.2*
Pig iron.....	8.86*	13.4*	15.3*	15.8*	17.1*	17.9*	19.1*	20.7*
Primary aluminum.....	108	163*	190*	193*	206	206	267	319
Refined copper.....	64.6°	97.2	110	122*	131*	134*	140*	168*
<b>Agriculture</b>								
Grain <sup>d</sup> .....	41.3*	43.9	43.1	43.5	44.5	48.6	51.1	52.5
Meat <sup>e</sup> .....	2.79	3.38	3.60	3.45	3.68	4.01	4.11	4.25
Cattle (beginning of year).....	24.1*	25.2*	26.9*	26.9*	27.0*	27.3*	27.9*	28.8*
Potatoes.....	51.6	61.4	57.9	65.8	69.5	60.1	67.8	69.0
<b>Manufactured items</b>								
Passenger automobiles.....	38.7*	133*	153*	159*	156*	207*	228*	250*
Tractors.....	36.7*	69.0*	82.4*	78.9*	87.5*	86.5*	88.9*	94.5*
Sulfuric acid (100 percent).....	1.68*	2.50*	3.15*	3.43*	3.88*	4.23*	4.49*	4.67*
Mineral fertilizers (nutrients).....	2.38*	3.14*	3.53*	3.77*	4.08*	4.52*	4.89*	5.40
Radio receivers.....	1.82*	2.20*	2.70*	2.15*	1.88*	2.36*	2.53*	2.63*
Television receivers.....	0.06*	0.99*	1.33*	1.53*	1.62*	1.70*	1.70*	1.81*
Cement.....	13.6*	22.9*	25.8*	26.7*	29.6*	31.8*	35.6*	37.1*
<b>Transportation</b>								
Railroad freight traffic.....	136*	187*	209*	214*	230*	236*	246*	250*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Bulgarian data for 1955 are excluded from the total because they refer to blister copper rather than refined metal.

<sup>d</sup> Data are for barley, corn, oats, rice, rye, and wheat where they are produced.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat where they are produced.

SECRET

COUNTRY TABLES - BULGARIA

Table 34

Bulgaria: Selected Economic Data  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregate data</b>									
Gross national product <sup>a</sup> .....	Billion 1966 US \$	3.6*	5.1*	6.0*	6.3*	6.7*	7.0*	7.6*	8.1*
Index of industrial production.....	1960=100	52*	100*	122*	133*	145*	162*	179*	200*
Total population (midyear).....	Million persons	7.5*	7.9*	8.0*	8.1*	8.1*	8.2*	8.3*	8.3*
Labor force <sup>b</sup> (midyear).....	Million persons	4.11*	4.27*	4.34*	4.38*	4.42*	4.46*	4.51*	4.56*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>c</sup> ).....	Million metric tons	4.5*	7.7*	8.2*	8.7*	9.0*	9.4*	9.6*	10.3*
Electric power (gross).....	Billion kilowatt-hours	2.07*	4.66*	6.04*	7.18*	8.70*	10.2*	11.8*	13.6*
Brown coal and lignite.....	Million metric tons	9.1*	15.4*	19.1*	20.3*	23.8*	24.5*	24.6*	26.7*
<b>Minerals and metals</b>									
Crude steel <sup>d</sup> .....	Million metric tons	0.12*	0.30*	0.48*	0.52*	0.54*	0.65*	0.76*	1.30*
Rolled steel.....	Million metric tons	0.07*	0.19*	0.33*	0.35*	0.36*	0.43*	0.48*	0.61*
Refined copper.....	Thousand metric tons	3.8* <sup>e</sup>	14.0*	18.3*	20.0*	20.6*	23.6*	26.0*	32.0*
Lead.....	Thousand metric tons	5.1*	40.4*	43.7*	51.0*	87.5*	93.4*	92.8*	92.8*
<b>Agriculture</b>									
Grain <sup>f</sup> .....	Million metric tons	3.59* <sup>g</sup>	4.04	3.82	3.85	4.46	4.59	5.81	5.58
Ginned cotton.....	Thousand metric tons	20.4*	21.1*	16.1*	13.1*	14.2*	12.6*	22.0*	17.0
Wool (grease basis).....	Thousand metric tons	14.4*	21.0*	22.8*	23.7*	25.4*	25.8*	25.0*	26.4
Potatoes.....	Million metric tons	0.36*	0.48*	0.36*	0.41*	0.50*	0.28*	0.42*	0.38
Cattle (beginning of year).....	Million head	1.61*	1.28*	1.58*	1.58*	1.49*	1.47*	1.45*	1.39*
Hogs (beginning of year).....	Million head	1.32*	2.27*	2.33*	2.07*	2.10*	2.61*	2.41*	2.28*
Meat <sup>h</sup> .....	Thousand metric tons	155	174	223	209	231	278	288	299
<b>Manufactured items</b>									
Mineral fertilizer (nutrients).....	Thousand metric tons	31*	124*	164*	172*	296*	340*	389*	445
Sulfuric acid (100 percent).....	Thousand metric tons	19*	123*	247*	269*	291*	318*	353*	360*
Soda ash (100 percent).....	Thousand metric tons	71*	128*	171*	198*	216*	223*	226*	218*
Cement.....	Million metric tons	0.81*	1.59*	1.89*	2.20*	2.59*	2.68*	4.54*	3.36*
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers	4.12*	6.98*	7.88*	8.57*	9.97*	10.8*	11.4*	11.7*
Motor vehicle freight traffic.....	Billion ton-kilometers	0.74*	2.04*	2.64*	3.14*	3.57*	3.82*	4.30*	4.74*
Imports (f.o.b.).....	Billion US \$	0.25*	0.63*	0.78*	0.93*	1.06*	1.18*	1.48*	1.57*
Exports (f.o.b.).....	Billion US \$	0.24*	0.57*	0.77*	0.83*	0.98*	1.18*	1.31*	1.48*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Including an estimate for steel for castings for all years.

<sup>e</sup> Blister copper.

<sup>f</sup> Data are for barley, corn, oats, rice, rye, and wheat.

<sup>g</sup> Annual average for 1955-59.

<sup>h</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.

SECRET



Table 35

Czechoslovakia: Selected Economic Data  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1966 US \$	15.4*	21.2*	22.4*	22.1*	22.3*	22.7*	23.8*	24.8*
Index of industrial production.....	1960=100	64*	100*	111*	108*	110*	116*	122*	129*
Total population (midyear).....	Million persons	13.1*	13.7*	13.9*	14.0*	14.1*	14.2*	14.2*	14.3*
Labor force <sup>b</sup> (midyear).....	Million persons	6.12*	6.38*	6.51*	6.58*	6.64*	6.71*	6.77*	6.80*
<b>Fuels and power</b>									
Primary energy (coal equivalents) <sup>c</sup> .....	Million metric tons	36.5*	50.9*	57.1*	59.2*	60.1*	58.9*	61.0*	58.2*
Electric power (gross).....	Billion kilowatt-hours	15.0*	24.4*	28.7*	29.9*	32.0*	34.2*	36.5*	38.6*
Brown coal and lignite.....	Million metric tons	40.4*	57.9*	68.8*	72.4*	74.5*	72.3*	72.4*	68.2
Natural gas.....	Billion cubic meters	0.17*	1.29*	1.07*	1.00*	0.94*	0.85	0.76	0.70
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons	4.47*	6.77*	7.64*	7.60*	8.38*	8.60*	9.13*	10.0*
Rolled steel.....	Million metric tons	3.37*	5.11*	5.83*	5.84*	6.46*	7.00*	7.49*	8.06*
Pig iron.....	Million metric tons	2.98*	4.70*	5.18*	5.25*	5.72*	5.87*	6.27*	6.76*
Iron ore.....	Million metric tons	2.49*	3.12*	3.48*	3.41*	2.85*	2.45*	2.24*	2.17*
Manganese ore.....	Thousand metric tons	260*	154*	83*	85*	84*	80*	90*	84*
Primary aluminum.....	Thousand metric tons	24*	52*	54*	56*	56*	56*	60*	60*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons	5.21*	5.74*	5.69*	5.64*	5.26*	5.24*	5.87*	6.52
Potatoes.....	Million metric tons	7.91*	5.09*	5.00*	6.51*	7.66*	3.68*	5.85*	5.38
Cattle (beginning of year).....	Million head	4.04*	4.30*	4.52*	4.51*	4.48*	4.44*	4.39*	4.46*
Hogs (beginning of year).....	Million head	4.77*	5.69*	5.90*	5.90*	5.84*	6.14*	5.54*	5.30*
Meat <sup>e</sup> .....	Thousand metric tons	402	483	514	512	549	599	580	603
<b>Manufactured items</b>									
Electric motors.....	Million kilowatts	1.18*	2.95*	3.52*	3.90*	3.86*	4.18*	3.97*	N.A.
Electric generators <sup>f</sup> .....	Million kilowatts	0.96*	1.39*	1.34*	1.17*	1.32*	0.89*	2.08*	N.A.
Television receivers.....	Thousand units	17*	263*	307*	235*	240*	274*	228*	256*
Metalcutting machine tools.....	Thousand units	18.5*	30.2*	33.5*	27.2*	21.7*	24.3*	23.8*	N.A.
Metallurgical equipment.....	Thousand metric tons	41.7*	105*	134*	118*	125*	85.5*	87.6*	N.A.
Chemical equipment.....	Thousand metric tons	31	57*	95*	91*	86*	82*	90	98
Tractors.....	Thousand units	12.6*	32.5*	31.5*	28.4*	29.7*	30.5*	28.2*	28.2*
Passenger automobiles.....	Thousand units	12.5*	56.2*	64.3*	56.5*	42.1*	77.7*	92.7*	111*
Cement.....	Million metric tons	2.89*	5.05*	5.71*	5.18*	5.49*	5.71*	6.13*	6.46*
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers	31.7*	47.4*	52.2*	51.7*	55.4*	56.9*	57.7*	55.7*
Motor vehicle freight traffic.....	Billion ton-kilometers	2.72*	5.11*	6.06*	6.32*	6.62*	6.98*	7.28*	7.65*
Imports (f.o.b.).....	Billion US \$	1.05*	1.82*	2.07*	2.16*	2.43*	2.67*	2.74*	2.68*
Exports (f.o.b.).....	Billion US \$	1.18*	1.93*	2.19*	2.46*	2.55*	2.69*	2.74*	2.86*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Data are for barley, corn, oats, rye, and wheat.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.

<sup>g</sup> Generators for steam and gas turbines only.

Table 36

East Germany: Selected Economic Data  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1966 US \$.....	18.4*	23.3*	24.8*	25.3*	26.3*	27.3*	28.3*	29.6*
Index of industrial production.....	1960=100.....	71*	100*	109*	113*	117*	122*	126*	134*
Total population (midyear).....	Million persons.....	17.8*	17.0*	16.9*	16.9*	17.0*	17.0*	17.1*	17.1*
Labor force <sup>b</sup> (midyear).....	Million persons.....	8.74*	8.55*	8.34*	8.33*	8.34*	8.34*	8.33*	8.32*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>c</sup> ).....	Million metric tons.....	65.6	73.6	80.2	82.4*	83.2*	81.4*	80.8	78.6
Electric power (gross).....	Billion kilowatt-hours.....	28.7*	40.3*	45.1*	47.4*	51.0*	53.6*	56.9*	59.7*
Brown coal and lignite.....	Million metric tons.....	201*	225*	247*	254*	257*	251*	249*	242*
<b>Minerals and metals</b>									
Crude steel.....	Million metric tons.....	2.84*	3.79*	4.09*	4.09*	4.31*	4.37*	4.53*	4.25*
Rolled steel.....	Million metric tons.....	1.88*	2.61*	2.80*	2.81*	2.90*	2.99*	3.05*	2.89*
Iron ore.....	Million metric tons.....	1.66*	1.64*	1.64*	1.66*	1.63*	1.63*	1.72*	1.75*
Refined copper.....	Thousand metric tons.....	33.3	39.2	39.5	40.0*	40.0*	40.0*	40.2*	40.2*
<b>Agriculture</b>									
Grain <sup>d</sup> .....	Million metric tons.....	4.93*	5.60	5.34	5.03	5.42	5.99	5.19	6.01
Cattle <sup>e</sup> .....	Million head.....	3.76*	4.46*	4.55*	4.51*	4.61*	4.68*	4.76*	4.92*
Hogs <sup>f</sup> .....	Million head.....	9.30*	8.28*	8.86*	8.04*	9.29*	8.76*	8.88*	9.31*
Meat <sup>g</sup> .....	Thousand metric tons.....	667	730	649	715	806	861	906	952
Fish catch.....	Thousand metric tons.....	69.0*	114*	150*	185*	218*	229*	222*	N.A.
<b>Manufactured items</b>									
Sulfuric acid (100 percent).....	Thousand metric tons.....	593*	730*	861*	919*	937*	985*	977*	990*
Synthetic ammonia (nitrogen content) <sup>h</sup> .....	Thousand metric tons.....	335*	393*	404*	412*	418*	439*	449*	542
Mineral fertilizer (nutrients).....	Million metric tons.....	1.85*	2.08*	2.18*	2.29*	2.30*	2.41*	2.45*	2.58*
Passenger automobiles.....	Thousand units.....	22.2*	64.1*	72.2*	84.3*	93.1*	103*	106*	112*
Cement.....	Million metric tons.....	2.97*	5.03*	5.43*	5.46*	5.77*	6.09*	6.45*	7.18*
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers.....	25.2*	32.9*	37.4*	37.6*	39.1*	38.9*	39.7*	38.5*
Motor vehicle freight traffic.....	Billion ton-kilometers.....	3.19*	5.00*	5.65*	6.20*	6.65*	7.21*	7.84*	8.17*
Imports (f.o.b.).....	Billion US \$.....	1.17*	2.19*	2.41*	2.33*	2.64*	2.81*	3.22*	3.20*
Exports (f.o.b.).....	Billion US \$.....	1.28*	2.21*	2.38*	2.71*	2.93*	3.07*	3.20*	3.43*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Data are for barley, oats, rye, wheat, and miscellaneous grains.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> As of 30 November of the previous year.

<sup>g</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.

Table 37

Hungary: Selected Economic Data  
1955, 1960, and 1967-67

Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>								
Gross national product <sup>a</sup> .....	7.5*	9.2*	10.2*	10.7*	11.4*	11.4*	12.0*	12.5*
Index of industrial production.....	77*	100*	119*	127*	138*	144*	152*	163*
Total population (midyear).....	9.8*	10.0*	10.1*	10.1*	10.1*	10.1*	10.2*	10.2*
Labor force <sup>b</sup> (midyear).....	4.62*	4.89*	4.93*	4.96*	4.98*	5.02*	5.05*	5.09*
<b>Fuels and power</b>								
Primary energy (coal equivalents <sup>c</sup> ).....	13.9*	14.8*	16.2*	17.4*	18.0*	18.3*	18.3*	17.9*
Electric power (gross).....	5.43*	7.62*	9.12*	9.66*	10.6*	11.2*	11.9*	12.5*
Crude oil.....	1.60*	1.22*	1.64*	1.76*	1.80*	1.80*	1.71*	1.69*
Brown coal and lignite.....	19.6*	23.7*	25.3*	26.8*	27.4*	27.1*	26.0*	23.9*
Natural gas.....	0.54*	0.34*	0.34*	0.61*	0.78*	1.11*	1.55*	2.04*
<b>Minerals and metals</b>								
Crude steel.....	1.63*	1.89*	2.33*	2.37*	2.36*	2.52*	2.65*	2.74*
Rolled steel.....	0.88*	1.23*	1.61*	1.63*	1.65*	1.72*	1.74*	1.78*
Manganese ore.....	130*	123*	129*	152*	171*	213*	206*	196*
Primary aluminum.....	37*	50*	53*	55*	57*	58*	60*	62*
Bauxite.....	1.24*	1.19*	1.47*	1.36*	1.48*	1.48*	1.43*	1.64*
<b>Agriculture</b>								
Grain <sup>d</sup> .....	6.37* <sup>e</sup>	6.86*	6.73*	6.31*	6.74*	7.29*	7.36*	7.52
Potatoes.....	2.47*	2.66*	1.88*	2.03*	1.65*	1.48*	2.43*	1.51*
Cattle <sup>f</sup> .....	2.13*	1.97*	1.99*	1.91*	1.88*	1.96*	1.97*	2.01*
Hogs <sup>f</sup> .....	5.82*	5.36*	6.41*	5.43*	6.36*	6.96*	5.80*	6.00*
Meat <sup>g</sup> .....	314	430*	460*	456*	433*	476*	470*	470
<b>Manufactured items</b>								
Woven cotton fabrics.....	234*	239*	272*	283*	304*	313*	325*	329*
Sulfuric acid <sup>h</sup> (100 percent).....	144*	178*	224*	283*	340*	394*	418*	424*
Mineral fertilizer (nutrients).....	41*	102*	146*	168*	192*	265*	298*	340*
Tractors.....	4.7*	2.6*	2.6*	3.1*	3.0*	3.0*	3.3*	3.6*
Cement.....	1.18*	1.57*	1.73*	1.80*	2.26*	2.38*	2.60*	2.66*
<b>Transportation and trade</b>								
Railroad freight traffic.....	8.80*	13.3*	14.6*	15.4*	17.0*	17.3*	17.9*	18.5*
Motor vehicle freight traffic.....	0.95*	1.58*	1.85*	2.18*	2.40*	2.63*	2.98*	3.22*
Imports (c.i.f.).....	0.55*	0.98*	1.15*	1.31*	1.49*	1.52*	1.57*	1.78*
Exports (f.o.b.).....	0.60*	0.87*	1.10*	1.21*	1.35*	1.51*	1.59*	1.70*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Data are for barley, corn, oats, rice, rye, and wheat.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> As of March of the stated year.

<sup>g</sup> Data are on a carcass weight, bone-in basis; are for beef, veal, pork, mutton, lamb, goat, and horsemeat; and include live exports.

<sup>h</sup> Including oleum for all years except 1967.

Table 38

Poland: Selected Economic Data  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1966 US \$.....	19.3*	24.5*	26.5*	28.0*	29.6*	31.6*	33.2*	34.5*
Index of industrial production.....	1960=100.....	68*	100*	118*	125*	137*	151*	161*	173*
Total population (midyear).....	Million persons.....	27.2*	29.6*	30.3*	30.7*	31.2*	31.5*	31.7*	31.9*
Labor force <sup>b</sup> (midyear).....	Million persons.....	13.6*	14.2*	14.5*	14.7*	15.0*	15.2*	15.5*	15.9*
Fuels and power									
Primary energy (coal equivalents <sup>c</sup> ).....	Million metric tons.....	83.8*	93.5*	98.8*	103*	109*	111*	114*	116*
Electric power (gross).....	Billion kilowatt-hours.....	17.8*	29.3*	35.4*	37.0*	40.6*	43.8*	47.4*	51.2*
Hard coal.....	Million metric tons.....	94.5*	104*	110*	113*	117*	119*	122*	124*
Natural gas.....	Billion cubic meters.....	0.39*	0.54*	0.79*	0.94*	1.18*	1.31*	1.29*	1.57*
Metallurgical coke.....	Million metric tons.....	6.13*	7.71*	7.92*	8.36*	8.40*	8.93*	9.11*	9.30*
Minerals and metals									
Crude steel.....	Million metric tons.....	4.43*	6.68*	7.68*	8.00*	8.57*	9.09*	9.85*	10.4*
Rolled steel.....	Million metric tons.....	2.92*	4.42*	5.24*	5.46*	5.71*	6.13*	6.58*	6.96*
Pig iron.....	Million metric tons.....	2.92*	4.25*	4.93*	4.99*	5.27*	5.38*	5.61*	6.28*
Iron ore.....	Million metric tons.....	1.70*	2.18*	2.44*	2.61*	2.68*	2.86*	3.05*	3.10*
Primary aluminum.....	Thousand metric tons.....	20*	26*	48*	47*	48*	47*	55*	92*
Lead.....	Thousand metric tons.....	34.2*	39.7*	40.7*	38.9*	41.5*	41.4*	43.5*	44.0*
Refined zinc.....	Thousand metric tons.....	156*	176*	181*	181*	187*	190*	193*	196*
Agriculture									
Grain <sup>d</sup> .....	Million metric tons.....	13.2*	13.1	13.0	13.5	13.0	14.8	14.7	14.9
Potatoes.....	Million metric tons.....	27.0*	36.0*	36.1	42.6	45.5	40.9	44.3	45.8
Cattle (midyear).....	Million head.....	7.91*	8.70*	9.59*	9.84*	9.94*	9.95*	10.4*	10.8*
Hogs (midyear).....	Million head.....	10.9*	12.6*	13.6*	11.7*	12.9*	13.8*	14.3*	14.2*
Meat <sup>e</sup> .....	Million metric tons.....	0.89	1.15	1.28	1.19	1.23	1.33	1.37	1.41
Fish catch <sup>f</sup> .....	Thousand metric tons.....	107*	168*	164*	210*	244*	280*	316*	323*
Manufactured items									
Woven woolen fabrics.....	Million linear meters.....	76*	79*	83*	84*	90*	91*	91*	90*
Sulfuric acid (100 percent).....	Million metric tons.....	0.45*	0.68*	0.85*	0.89*	1.00*	1.06*	1.14*	1.21*
Mineral fertilizer (nutrients).....	Thousand metric tons.....	286*	477*	573*	600*	673*	738*	826*	975*
Tractors.....	Thousand units.....	8.1*	7.7*	12.6*	17.0*	19.2*	21.5*	24.6*	29.8*
Trucks and buses.....	Thousand units.....	12.5*	24.0*	28.7*	34.2*	34.3*	34.2*	37.8*	40.7*
Cement.....	Million metric tons.....	3.81*	6.60*	7.54*	7.67*	8.76*	9.57*	10.0*	11.1*
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers.....	52.0*	66.5*	72.7*	74.4*	79.1*	81.0*	85.0*	88.5*
Motor vehicle freight traffic.....	Billion ton-kilometers.....	1.50*	2.06*	2.63*	3.05*	3.36*	3.68*	4.55*	5.19*
Imports (f.o.b.).....	Billion US \$.....	0.93*	1.49*	1.89*	1.98*	2.07*	2.34*	2.49*	2.64*
Exports (f.o.b.).....	Billion US \$.....	0.92*	1.33*	1.65*	1.77*	2.10*	2.23*	2.27*	2.53*

<sup>d</sup> Data are for barley, oats, rye, and wheat.

<sup>e</sup> Annual average for 1955-59.

<sup>f</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, horsemeat, and edible offal.

<sup>g</sup> Salt water catch only.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

Table 39

**Paraguay - Selected Economic Data**  
1955, 1960, and 1962-67

Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregate data</b>								
Gross national product <sup>a</sup> .....	9.7*	11.5*	12.4*	12.9*	14.1*	15.2*	16.6*	17.6*
Index of industrial production.....	64*	100*	125*	136*	156*	171*	190*	214*
Total population (midyear).....	17.3*	18.4*	18.7*	18.8*	18.9*	19.0*	19.1*	19.3*
Labor force <sup>b</sup> (midyear).....	10.4*	10.8*	11.0*	11.1*	11.2*	11.3*	11.4*	11.5*
<b>Fuels and power</b>								
Primary energy (coal equivalents <sup>c</sup> ).....	26.7*	34.2*	39.1*	41.6*	43.7*	46.8*	49.4*	52.8*
<b>Electric power (gross)</b>								
Brown coal and lignite.....	4.34*	7.65*	10.1*	11.7*	13.8*	17.2*	20.8*	24.8*
Crude oil.....	2.8*	3.7*	4.3*	4.6*	5.2*	6.1*	7.1*	8.4
Natural gas <sup>d</sup> .....	10.6*	11.5*	11.9*	12.2*	12.4*	12.6*	12.8*	13.2*
Petroleum products.....	6.17*	10.1*	12.9*	14.3*	15.5*	17.3*	18.6*	20.4
Minerals and metals	10.1	11.0	11.3	11.6	11.7	11.8	11.9	12.0
<b>Metals</b>								
Crude steel.....	0.77*	1.81*	2.45*	2.70*	3.04*	3.43*	3.67*	4.09*
Rolled steel.....	0.50*	1.25*	1.66*	1.92*	2.06*	2.35*	2.59*	2.91*
Iron ore.....	0.64*	1.46*	1.74*	2.29*	1.93*	2.48*	2.68*	2.78*
<b>Agriculture</b>								
Grain <sup>e</sup> .....	8.04 <sup>f</sup>	8.58	8.56	9.13	9.66	10.7	12.2	12.0
Potatoes.....	2.61*	3.01*	2.60*	2.69*	2.62*	2.20*	3.35*	3.10*
Cattle (beginning of year).....	4.63*	4.45*	4.71*	4.57*	4.64*	4.76*	4.94*	5.20*
Hogs (beginning of year).....	4.37*	4.30*	4.66*	4.52*	4.66*	6.03*	5.36*	5.40*
Wool (grease basis).....	20.7*	21.8*	23.0*	22.6*	24.8*	25.4*	26.1*	29.2*
Meat <sup>g</sup> .....	361	414	465	365	430	462	500	516
<b>Manufactured items</b>								
Grain combines.....	0*	5.50*	5.81*	3.66*	3.07*	2.01*	4.05*	5.00*
Tractors.....	3.5*	17.1*	21.5*	13.3*	16.0*	15.8*	18.5*	17.6*
Cement.....	1.94*	3.05*	3.49*	4.37*	4.75*	5.41*	5.89*	6.34*
<b>Transportation and trade</b>								
Railroad freight traffic.....	14.7*	19.8*	24.4*	26.8*	29.4*	31.0*	34.5*	37.3*
Motor vehicle freight traffic.....	1.20*	1.60*	2.43*	2.78*	3.15*	3.27*	3.95*	4.68*
Imports (f.o.b.).....	0.46*	0.65*	0.94*	1.02*	1.17*	1.08*	1.21*	1.55*
Exports (f.o.b.).....	0.42*	0.72*	0.82*	0.92*	1.00*	1.10*	1.19*	1.40*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Including methane (dry) gas and wet gas from petroleum fields.

<sup>e</sup> Data are for barley, corn, oats, rice, rye, and wheat.

<sup>f</sup> Annual average for 1955-59.

<sup>g</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, and goat.

Table 40

Communist China: Selected Economic Data  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>									
Gross national product <sup>a</sup> .....	Billion 1966 US \$.....	60	N.A.	N.A.	N.A.	N.A.	N.A.	80	N.A.
Index of industrial production <sup>b</sup> ....	1960=100.....	43*	100*	58*	64*	72*	78*	83*	N.A.
Total population (midyear).....	Million persons.....	611*	686*	709*	723*	738*	755*	772*	789*
Labor force <sup>c</sup> (midyear).....	Million persons.....	273*	307*	306*	314*	321*	328*	335*	343*
Agricultural labor force (midyear).....	Million persons.....	234*	254*	262*	269*	275*	280*	286*	294*
Fuels and power									
Primary energy (coal equivalents <sup>d</sup> ).....	Million metric tons.....	94.7	209	152	172	187	202	209	183
Electric power (gross).....	Billion kilowatt-hours.....	12.3*	47*	30*	33*	36*	40	42	38
Hard coal <sup>e</sup> .....	Million metric tons.....	98.3*	280	180	190	200	210	220	190
Crude oil (natural and synthetic).....	Million metric tons.....	0.97*	4.60	5.00	5.50	6.90	8.00	10.0	10.0
Petroleum products.....	Million metric tons.....	1.2	4.7	4.6	5.0	6.3	7.2	9.0	9.0
Minerals and metals									
Crude steel.....	Million metric tons.....	2.85*	18.4*	8	9	10	11	12	11
Pig iron.....	Million metric tons.....	3.87*	27.5*	9.0	10.0	11.0	12.0	15.4	14.0
Iron ore.....	Million metric tons.....	9.60*	56.4	18.4	20.4	22.5	24.8	31.1	28.0
Manganese ore.....	Thousand metric tons.....	196	708	242	281	372	312	375	340
Tungsten ore (60 percent WO <sub>3</sub> basis).....	Thousand metric tons.....	20	29	19	18	15	15	14	12
Primary aluminum.....	Thousand metric tons.....	10	80	70	85	100	115	125	120
<b>Agriculture</b>									
Grain <sup>a</sup> .....	Million metric tons.....	180 <sup>b</sup>	160 to 165	175 to 180	170 to 185	180 to 190	185 to 195	180 to 195	190 to 200
Ginned cotton.....	Million metric tons.....	1.52	1.20	0.75	0.80	1.00	1.00	1.20	1.30
<b>Manufactured items</b>									
Tractors.....	Thousand units.....	0*	10.8	8.3	10.0	12.0	13.4	16.2	16.2
Trucks and buses.....	Thousand units.....	Negl.	15	14	16	26	34	47	34
Sulfuric acid (100 percent).....	Million metric tons.....	0.38*	1.35*	1.10	1.50	2.00	2.20	2.30	N.A.
Chemical fertilizer <sup>i</sup> .....	Million metric tons.....	0.4	2.5	2.1	2.9	3.5	4.5	5.5	5
Nutrients.....	Million metric tons.....	0.08	0.49	0.41	0.57	0.68	0.88	1.08	0.98
Cement.....	Million metric tons.....	4.5*	9.0	5.5	7.3	8.7	10.9	12.0	10.2
<b>Trade</b>									
Imports (f.o.b.).....	Billion US \$.....	1.63*	2.02*	1.15*	1.20*	1.47*	1.86*	2.04*	2.08*
Exports (f.o.b.).....	Billion US \$.....	1.36*	1.94*	1.52*	1.58*	1.75*	2.00*	2.24*	2.11*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at US purchasing power equivalents.

<sup>b</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.

<sup>c</sup> Data exclude the armed forces but include the unemployed.

<sup>d</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

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

<sup>f</sup> Including 13.4 million metric tons of pig iron made in "small blast furnaces," of which 6.5 million metric tons were usable for steelmaking.

<sup>g</sup> Data are for barley, corn, oats, rice, rye, and wheat, and also include kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

<sup>h</sup> Annual average for 1957-59.

<sup>i</sup> Data are in terms of product weight containing 20 percent nitrogen (N), 18.7 percent phosphoric acid (P<sub>2</sub>O<sub>5</sub>), and 40 percent potassium oxide (K<sub>2</sub>O).

Table 41

North Korea: Selected Economic Data  
1955, 1960, and 1963-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregate data</b>									
Gross national product <sup>a</sup> .....	Billion 1966 US \$.....	1.0	2.1	2.5	2.5	2.7	2.8	2.9	N.A.
Gross industrial production.....	1960=100.....	22*	100*	137*	148*	173*	198*	N.A.	N.A.
Total population (midyear).....	Million persons.....	8.9*	10.6*	11.3*	11.6*	12.0*	12.3*	12.6*	13.0*
Labor force <sup>b</sup> (midyear).....	Million persons.....	3.5*	4.1*	4.4*	4.6*	4.7*	4.8*	4.9*	5.0*
Fuels and power									
Primary energy (coal equivalents <sup>c</sup> ).....	Million metric tons.....	4.4*	14.1*	17.7*	18.6*	19.3*	21.2*	21.5	25.2
Electric power (gross).....	Billion kilowatt-hours.....	3.14*	9.14*	11.4*	11.8*	12.5*	13.3	12.5	14 <sup>d</sup>
Metallurgical coke.....	Million metric tons.....	0.21*	0.82*	1.17*	1.20*	1.20*	N.A.	N.A.	N.A.
Hard coal.....	Million metric tons.....	1.9*	6.8*	8.6*	9.2*	9.3*	12.4	14.0	16.9
Minerals and metals									
Crude steel.....	Million metric tons.....	0.14*	0.64*	1.05*	1.02*	1.13*	1.23	1.30	1.50
Iron ore.....	Million metric tons.....	0.14*	3.11*	3.34*	3.86*	4.00* <sup>d</sup>	4.96* <sup>e</sup>	5.00*	5.46
Tungsten ore <sup>f</sup> .....	Thousand metric tons.....	1.86*	3.00*	3.90*	4.00*	4.20*	N.A.	N.A.	N.A.
Lead.....	Thousand metric tons.....	9.4	34.0	43.0*	47.0*	51.0*	54.0*	57.0*	61.0*
Refined zinc.....	Thousand metric tons.....	0*	55*	66*	71*	75*	80*	84*	88*
Agriculture									
Grain <sup>g</sup> .....	Million metric tons.....	2.12 <sup>h</sup>	2.68	3.14	N.A.	N.A.	N.A.	N.A.	N.A.
Rice (rough, or paddy).....	Million metric tons.....	1.24* <sup>h</sup>	1.53	1.75	1.55	1.62	N.A.	N.A.	N.A.
Cattle (beginning of year).....	Million head.....	N.A.	0.67*	0.68	0.68*	0.70	0.69	N.A.	N.A.
Hogs (beginning of year).....	Million head.....	0.70	1.12*	1.40*	1.14*	1.44	1.21	N.A.	N.A.
Fish catch.....	Thousand metric tons.....	313*	465*	N.A.	640*	770*	785*	N.A.	N.A.
Manufactured items									
Metalcutting machine tools.....	Thousand units.....	0.32*	2.90*	3.36*	3.33*	2.58	3.95	N.A.	N.A.
Turbines.....	Thousand kilowatts.....	N.A.	14*	40	50	50	65	N.A.	N.A.
Sulfuric acid (100 percent).....	Thousand metric tons.....	28*	255*	316*	321*	N.A.	N.A.	N.A.	N.A.
Synthetic ammonia (nitrogen content).....	Thousand metric tons.....	6	111	136	136	N.A.	N.A.	N.A.	N.A.
Mineral fertilizer (nutrients).....	Thousand metric tons.....	17	133	171	184	165	157	N.A.	N.A.
Cement.....	Million metric tons.....	0.36*	2.28*	2.38*	2.53*	2.61*	2.40*	2.50*	2.50
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers.....	3.79*	9.10*	9.86*	10.4*	10.5*	11.0	N.A.	N.A.
Motor vehicle freight traffic.....	Million ton-kilometers.....	138*	552*	640*	670*	729*	765	N.A.	N.A.
Imports (f.o.b.) <sup>i</sup> .....	Million US \$.....	60*	168*	224*	219*	202*	220*	208*	N.A.
Exports (f.o.b.) <sup>i</sup> .....	Million US \$.....	45*	154*	178*	196*	196*	209*	236*	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Converted at the exchange rate of 1.2 won to US \$1.

<sup>b</sup> Data exclude the armed forces but include the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Plan data.

<sup>e</sup> Based on an announced increase for 1965 of 24 percent applied to 1964

plan data.

<sup>f</sup> Tungsten trioxide (60 percent WO<sub>3</sub> basis).

<sup>g</sup> Data are for barley, corn, oats, rice, wheat, buckwheat, millet, peas, and all beans except soybeans.

<sup>h</sup> Annual average for 1955-59.

<sup>i</sup> Estimated data based on data of trading partner countries.

Table 42

North Vietnam: Selected Economic Data  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>									
Gross industrial production.....	1960=100.....	21*	100*	143*	154*	170*	184*	N.A.	N.A.
Total population (midyear).....	Million persons.....	14.9*	16.0*	16.6*	16.9*	17.3*	17.7*	18.1*	18.5*
Labor force <sup>a</sup> (midyear).....	Million persons.....	7.4*	8.2*	8.6*	8.9*	9.2*	9.4*	9.6*	9.8*
Fuels and power									
Primary energy (coal equivalent <sup>b</sup> ).....	Million metric tons.....	0.6	2.4	3.2	3.1	3.2	3.7	3.8	N.A.
Electric power (gross).....	Billion kilowatt-hours.....	0.05*	0.26*	0.37*	0.46*	0.55*	0.60	0.55	0.40
<b>Minerals and metals</b>									
Iron ore.....	Million metric tons.....	N.A.	0.02*	0.03*	0.07*	0.25	0.40	0.30	N.A.
Chromite <sup>c</sup> .....	Thousand metric tons.....	0	19.4*	32.6*	30.3*	29.0	32.0 <sup>d</sup>	32.0	N.A.
Pig iron.....	Thousand metric tons.....	0*	10*	12*	15*	120	200	150	N.A.
<b>Agriculture</b>									
Grain <sup>e</sup> .....	Million metric tons.....	4.49 <sup>f</sup>	4.43*	4.82*	4.46*	4.59*	4.79*	N.A.	N.A.
Rice (rough, or paddy).....	Million metric tons.....	4.28* <sup>g</sup>	4.21*	4.54*	4.24*	4.31*	4.51*	4.20	4.00
Sweet potatoes and manioc.....	Million metric tons.....	0.70	0.92*	1.74*	1.68*	2.03*	1.18* <sup>h</sup>	N.A.	N.A.
Ginned cotton.....	Thousand metric tons.....	0.9	1.5*	1.9*	2.0*	2.0	N.A.	N.A.	N.A.
Cattle <sup>h</sup> (beginning of year).....	Million head.....	1.84*	2.40*	2.23*	2.27*	2.30*	2.38*	2.44*	2.47*
Hogs (beginning of year).....	Million head.....	2.14*	3.63*	3.74*	4.24*	4.21*	4.48*	4.84*	5.10*
Fish catch.....	Thousand metric tons.....	96.0	167	185	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Manufactured items</b>									
Metalcutting machine tools.....	Thousand units.....	0*	0.65*	1.20*	0.54*	1.04*	0.50*	N.A.	N.A.
Cement.....	Thousand metric tons.....	8*	408*	462*	495*	648*	660*	665*	170
<b>Transportation and trade</b>									
Railroad freight traffic.....	Billion ton-kilometers.....	0.04*	0.70*	0.70*	0.85*	0.93*	N.A.	N.A.	N.A.
Motor vehicle freight traffic.....	Million ton-kilometers.....	4*	108*	148*	164*	179*	N.A.	N.A.	N.A.
Imports (f.o.b.).....	Million US \$.....	74*	128	141	156	132	195	250	N.A.
Exports (f.o.b.).....	Million US \$.....	7*	80	98	97	108	102	85	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data exclude the armed forces but include the unemployed.

<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Data are for the estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of the ores mined.

<sup>d</sup> Based on plan data.

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

<sup>f</sup> Annual average for 1955-59.

<sup>g</sup> Excluding manioc.

<sup>h</sup> Including buffaloes.



SECRET

Table 43

Albania: Selected Economic Data  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregate data</b>									
Gross industrial production.....	1960=100.....	46*	100*	113*	121*	130*	138*	152*	171*
Total population (midyear).....	Million persons.....	1.4*	1.6*	1.7*	1.8*	1.8*	1.9*	1.9*	2.0*
Labor force <sup>b</sup> (midyear).....	Million persons.....	0.68*	0.73*	0.76*	0.78*	0.80*	0.82*	0.84*	0.86*
<b>Fuels and power</b>									
Primary energy (coal equivalents <sup>c</sup> ).....	Million metric tons.....	0.4*	1.1*	1.3*	1.2*	1.2*	1.4	1.5	1.6
Electric power (gross).....	Billion kilowatt-hours.....	0.08*	0.19*	0.24*	0.26*	0.29*	0.32*	0.40*	0.57*
Brown coal and lignite.....	Million metric tons.....	0.2*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4*	0.4
Crude oil.....	Million metric tons.....	0.21*	0.73*	0.78*	0.75*	0.76*	0.82*	0.90	1.00
<b>Minerals and metals</b>									
Chromite <sup>d</sup> .....	Thousand metric tons.....	54.9	130*	113*	132*	138*	140	136	N.A.
Blister copper.....	Thousand metric tons.....	0.9*	0.9*	1.9*	2.0*	2.2*	4.7	5.2	5.8
Iron ore <sup>e</sup> .....	Million metric tons.....	0*	0.26*	0.42*	0.26*	0.34*	0.39*	0.42	N.A.
<b>Agriculture</b>									
Grain <sup>f</sup> .....	Million metric tons.....	0.34*	0.22*	0.30*	0.28*	0.33*	0.33*	0.38	0.42
Ginned cotton.....	Thousand metric tons.....	4.1*	5.4*	6.2*	7.7*	7.7*	8.1*	9.0	N.A.
Potatoes.....	Million metric tons.....	0.03*	0.02*	0.02*	0.02*	0.03*	0.02*	0.10	N.A.
Cattle <sup>g</sup> (beginning of year).....	Million head.....	0.43*	0.43*	0.42*	0.41*	0.41*	0.43*	0.43*	0.42
Hogs (beginning of year).....	Million head.....	0.08*	0.12*	0.13*	0.11*	0.11*	0.15*	0.14*	0.14
Wool (grease basis).....	Thousand metric tons.....	2.6	2.2	2.4	2.4	2.5	2.5	2.5	N.A.
<b>Manufactured items</b>									
Cement.....	Thousand metric tons.....	45*	73*	120*	130*	128*	134*	138*	N.A.
<b>Transportation and trade</b>									
Railroad freight traffic.....	Million ton-kilometers.....	20*	50*	80*	60*	90*	100*	120*	140*
Motor vehicle freight traffic.....	Million ton-kilometers.....	135*	328*	397*	388*	424*	454*	514*	575*
Imports (f.o.b.).....	Million US \$.....	43*	81*	65*	71*	98*	105*	N.A.	N.A.
Exports (f.o.b.).....	Million US \$.....	13*	49*	41*	48*	60*	63*	N.A.	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Estimated.

<sup>b</sup> Including the armed forces and the unemployed.

<sup>c</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>d</sup> Data are for the estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of the ores mined.

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

<sup>f</sup> Data are for barley, corn, oats, rice, rye, wheat, and buckwheat.

<sup>g</sup> Annual average for 1955-59.

<sup>h</sup> Including buffaloes.

SECRET

SECRET

COUNTRY TABLES - CUBA

Table 44

Cuba: Selected Economic Data  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregative data</b>									
Gross domestic product.....	Billion 1957 US \$.....	2.35	3.14*	2.92	2.80	2.96	3.14	3.06	3.24
Total population (midyear).....	Million persons.....	6.1*	6.7*	6.9*	7.0*	7.1*	7.3*	7.4*	7.5*
Fuels and power									
Electric power (gross).....	Billion kilowatt-hours.....	1.87*	2.98*	2.97*	3.03*	3.18*	3.38*	3.70*	4.00*
Minerals and metals									
Crude steel.....	Thousand metric tons.....	N.A.	N.A.	60	60	50	30	60*	120*
Manganese ore.....	Thousand metric tons.....	258* <sup>b</sup>	16* <sup>c</sup>	79	81*	85	120	115	N.A.
Refined nickel <sup>d</sup> .....	Thousand metric tons.....	13.7*	14.7	22.9	19.6	22.2	28.9	26.0	30.0
Chromite <sup>e</sup> .....	Thousand metric tons.....	27.8*	10.0* <sup>e</sup>	50.5	50.3	32.8	41.0	37.5	N.A.
<b>Agriculture</b>									
Grain f.....	Thousand metric tons.....	380* <sup>g</sup>	480*	370*	380*	220	120	140	N.A.
Rice (rough, or paddy).....	Thousand metric tons.....	215* <sup>g</sup>	270*	210*	200*	120	60	85	N.A.
Potatoes.....	Thousand metric tons.....	130	90*	90*	80*	90	100	120	N.A.
Cattle (beginning of year).....	Million head.....	4.45*	5.76*	5.80*	6.00	6.18	N.A.	N.A.	N.A.
Fish catch.....	Thousand metric tons.....	12.8*	31.2*	35.0*	35.6*	36.3*	40.3*	43.2*	60.0
Milk.....	Thousand metric tons.....	735*	742*	660*	660*	780	780	950	N.A.
Cane sugar.....	Million metric tons.....	4.53*	5.86*	4.82*	3.82*	4.40	6.05	4.45	6.13
Tobacco.....	Thousand metric tons.....	42.0*	52.2*	45.4*	42.0	38.0	38.0	N.A.	N.A.
Molasses.....	Million metric tons.....	2.3*	1.6*	1.3*	1.1	1.3	2.2	1.2	N.A.
Green coffee.....	Thousand metric tons.....	55.8	42.0*	50.0*	35.0*	32.0	25.0	30.0	N.A.
Ginned cotton.....	Thousand metric tons.....	0*	7.2*	3.6*	3.5*	1.0	0.7	0.7	N.A.
<b>Manufactured items</b>									
Rubber tires.....	Thousand units.....	101	341	391	363	450	197	306	400
Cement.....	Thousand metric tons.....	424*	813*	780*	810*	805	800	750	800
<b>Trade</b>									
Imports (c.i.f.).....	Million US \$.....	633*	550*	747*	831*	1,015*	865*	925	995
Exports (f.o.b.).....	Million US \$.....	611*	618*	521*	545*	715*	685*	595	715

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for 1961.

<sup>b</sup> Exports.

<sup>c</sup> US imports.

<sup>d</sup> Nickel content of oxide and sulfides.

<sup>e</sup> Data are for the estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of the ores mined.

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

<sup>g</sup> Annual average for 1955-59.

SECRET

Table 45  
Mongolia: Selected Economic Data  
1955, 1960, and 1962-67

Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Aggregate data</b>								
Gross industrial production.....	43*	100*	136*	144*	154*	165*	174*	182*
Total population (midyear).....	0.8*	1.0*	1.0*	1.0*	1.1*	1.1*	1.1*	1.2*
<b>Fuels and power</b>								
Electric power (gross).....	35.1	106*	174*	212*	224*	242*	215*	245*
Coal.....	0.33*	0.62*	0.86*	0.85*	0.62*	0.99*	1.03*	1.10*
Diesel fuel.....	N.A.	7.0*	7.1*	7.6*	8.2*	6.6*	N.A.	N.A.
Petroleum.....	N.A.	28.6*	22.6*	19.3*	18.0*	15.9*	N.A.	N.A.
Gasoline.....	N.A.	17.8*	17.9*	18.2*	16.5*	17.0*	N.A.	N.A.
<b>Agriculture</b>								
Grain <sup>a</sup> .....	73.9* <sup>b</sup>	256*	326*	320*	371*	354*	297*	357*
Livestock.....	23.1*	20.7*	21.0*	22.4*	22.8*	23.8*	22.0*	22.2*
Fresh butter <sup>c</sup> .....	4.9*	4.8*	3.9*	3.9*	4.2*	4.1*	N.A.	N.A.
<b>Minerals and metals</b>								
Tungsten ore <sup>d</sup> .....	300	300*	570*	570*	N.A.	600*	N.A.	N.A.
<b>Manufactured items</b>								
Hides and skins.....	N.A.	0.92*	2.17*	1.73*	2.09*	1.97*	N.A.	N.A.
Bricks.....	N.A.	77.5	61.0*	62.5*	38.8*	47.3*	N.A.	42.8
Leather footwear.....	N.A.	0.90*	1.19*	1.31*	1.42*	1.40*	1.48*	1.66*
<b>Transportation and trade</b>								
Railroad freight traffic.....	N.A.	3.0*	1.9	1.3	0.9	0.9	N.A.	N.A.
Imports (f.o.b.).....	N.A.	121	153	147	176	N.A.	N.A.	N.A.
Exports (f.o.b.).....	N.A.	73	81	76	80	N.A.	N.A.	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for barley, oats, wheat, and miscellaneous grain.

<sup>b</sup> Annual average for 1955-59.

<sup>c</sup> Excluding butter prepared by the self-employed for their own use.

<sup>d</sup> Tungsten concentrates, 60 percent tungsten trioxide (WO<sub>3</sub>) basis.

SECRET

COUNTRY TABLES - YUGOSLAVIA

Table 46

Yugoslavia: Selected Economic Data  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
Unit of Measure								
Aggregative data								
Index of industrial production.....	100*	100*	115*	133*	154*	166*	173*	172*
Total population (midyear).....	17.5*	18.4*	18.8*	19.1*	19.3*	19.5*	19.7*	20.0*
Labor force <sup>a</sup> (midyear).....	8.01*	8.32*	8.49*	8.62*	8.75*	8.88*	8.99*	9.09*
Fuels and power								
Primary energy (coal equivalents <sup>b</sup> ).....	9.6*	15.5*	17.3*	19.2*	20.2*	21.3*	21.4*	20.8*
Electric power (gross).....	4.34*	8.96*	11.3*	13.5*	14.2*	15.5*	17.2*	18.7*
Crude oil.....	0.26*	0.94*	1.52*	1.61*	1.80*	2.06*	2.22*	2.37*
Natural gas.....	55*	53*	95*	191*	274*	330*	402*	462*
Metallurgical coke.....	0.73*	1.08*	1.11*	1.09*	1.16*	1.25*	1.23*	1.21*
Minerals and metals								
Crude steel.....	0.80*	1.44*	1.60*	1.59*	1.63*	1.77*	1.87*	1.83*
Rolled steel.....	0.49*	0.97*	1.06*	1.15*	1.20*	1.19*	1.23*	1.18*
Iron ore.....	1.40*	2.20*	2.19*	2.30*	2.31*	2.50*	2.49*	2.58*
Refined copper.....	24.8*	35.1*	45.5*	49.0*	51.9*	56.3*	62.0*	66.2*
Primary aluminum.....	12*	25*	28*	36*	35*	39*	42*	45*
Bauxite.....	0.79*	1.02*	1.33*	1.28*	1.29*	1.57*	1.89*	2.13*
Agriculture								
Grain <sup>e</sup> .....	8.59* <sup>d</sup>	10.9*	9.51*	10.6*	11.7*	10.6*	13.9*	13.2*
Cattle (beginning of year).....	5.29*	5.30*	5.88*	5.36*	5.09*	5.22*	5.58*	5.71*
Hogs (beginning of year).....	4.73*	6.21*	5.16*	5.01*	6.12*	6.98*	5.12*	5.52*
Meat <sup>e</sup> .....	481*	522*	543*	546*	558*	639*	558*	590
Fish catch.....	22.6*	30.9*	30.3*	34.4*	38.4*	42.0*	45.5*	N.A.
Milk.....	1.70*	2.28*	2.22*	2.17*	2.24*	2.30*	2.51*	2.65*
Manufactured items								
Woven cotton fabrics.....	174*	257*	312*	348*	378*	394*	416*	378*
Sulfuric acid (100 percent).....	73*	130*	286*	391*	472*	435*	542*	592*
Mineral fertilizer (nutrients).....	34*	59*	123*	209*	270*	241*	286*	306*
Passenger automobiles.....	0.8*	10.5*	13.1*	20.9*	27.9*	36.4*	37.7*	47.9*
Trucks and buses (civilian).....	2.7*	5.5*	8.6*	9.8*	11.4*	11.9*	11.8*	12.7*
Tractors.....	1.1*	7.3*	5.4*	8.1*	9.4*	7.4*	8.7*	8.8*
Cement.....	1.57*	2.40*	2.52*	2.83*	3.04*	3.10*	3.23*	3.31*
Transportation and trade								
Railroad freight traffic <sup>f</sup> .....	11.6*	15.2*	15.0*	17.3*	18.3*	18.0*	17.5*	16.9*
Imports (c.i.f.).....	0.44*	0.83*	0.89*	1.06*	1.32*	1.29*	1.58*	1.71*
Exports (f.o.b.).....	0.26*	0.57*	0.69*	0.79*	0.89*	1.09*	1.22*	1.25*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including the armed forces and the unemployed.

<sup>b</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>c</sup> Data are for barley, corn, oats, rice, rye, and wheat.

<sup>d</sup> Annual average for 1955-59.

<sup>e</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, and horsemeat, and include live exports.

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

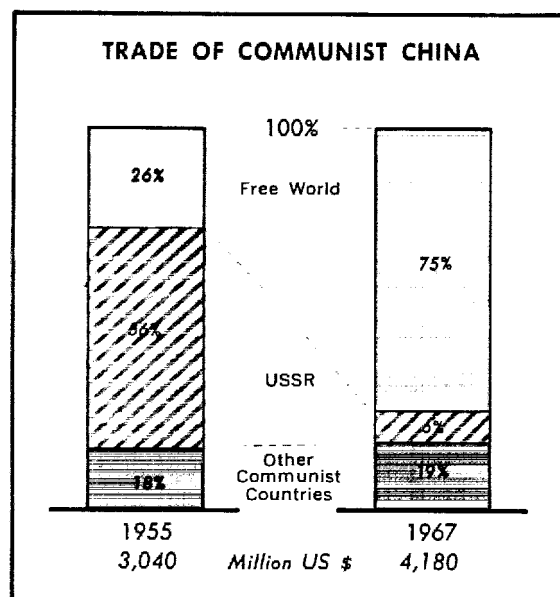
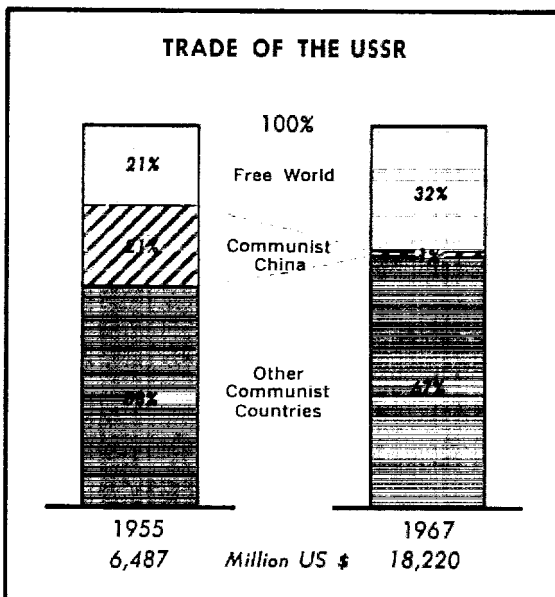
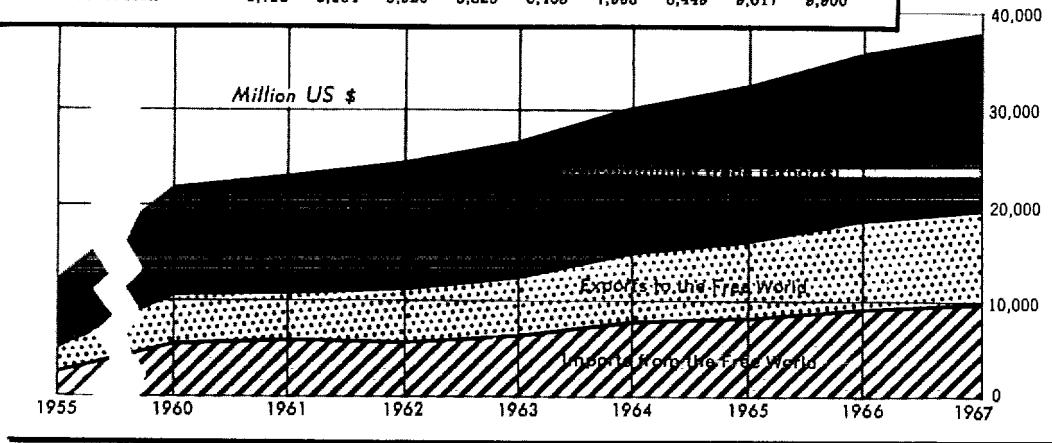
SECRET

**SECRET**

Figure 7

## DIRECTION OF FOREIGN TRADE OF THE COMMUNIST COUNTRIES 1955 AND 1960-67

	TOTAL COMMUNIST TRADE (Million US \$)									
	1955	1960	1961	1962	1963	1964	1965	1966	1967	
Total Trade	12,494	22,258	23,232	24,811	26,887	30,333	32,542	35,204	37,400	
Intra-Communist trade (exports)	7,051	11,655	12,187	13,221	14,074	15,126	15,948	16,283	17,600	
Exports to the Free World	2,685	4,939	5,125	5,767	6,350	7,214	8,145	9,304	9,900	
Imports from the Free World	2,758	5,664	5,920	5,823	6,463	7,993	8,449	9,617	9,900	



**SECRET**  
GROUP 1  
EXCLUDED FROM AUTOMATIC DOWNGRADING AND  
DECLASSIFICATION

Table 47

World Exports, <sup>a</sup> by Selected Country and Region  
1955-67

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
World.....	94.3	105	113	109	117	129	135	143	156	174	188	206	216
Free World <sup>b</sup> .....	84.5	93.9	101	95.9	102	113	118	124	135	152	164	180	189
Of which:													
US.....	15.6	19.1	20.9	17.9	17.6	20.6	21.0	21.7	23.4	26.7	27.5	30.4	31.6
Western Europe.....	34.8	38.0	41.6	41.3	44.9	51.4	55.1	58.0	63.3	70.8	78.5	85.7	90.1
Japan.....	2.0	2.5	2.9	2.9	3.5	4.1	4.2	4.9	5.5	6.7	8.5	9.8	10.4
Communist Countries.....	9.7	10.7	12.0	12.9	15.1	16.6	17.3	19.0	20.4	22.3	24.1	25.6	27.5
Of which:													
USSR.....	3.4	3.6	4.4	4.3	5.4	5.6	6.0	7.0	7.3	7.7	8.2	8.8	9.7
Eastern Europe.....	4.6	5.0	5.4	6.0	6.8	7.6	8.3	8.9	9.9	10.9	11.8	12.3	13.4
Communist China.....	1.4	1.6	1.6	1.9	2.2	1.9	1.5	1.5	1.6	1.8	2.0	2.2	2.1

<sup>a</sup> Including foreign aid where possible. Data are f.o.b.

<sup>b</sup> Before 1960, Cuba is included in the Free World.

Table 48

Trade of the US with the USSR and Eastern European Communist Countries  
1955-67

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
US exports to <sup>a</sup> .....	7,043	11,245	86,095	113,125	89,269	193,851	133,324	125,363	166,814	339,904	140,001	197,839	195,091
USSR <sup>b</sup> .....	252	3,823	4,481	3,422	7,398	39,264	45,573	20,243	22,928	146,360	45,161	41,725	60,195
Eastern Europe.....	6,791	7,422	81,614	109,703	81,871	154,587	87,751	105,120	143,886	193,544	94,840	156,114	134,896
US imports from <sup>a</sup> .....	55,725	65,260	61,227	63,405	80,809	80,869	80,995	78,795	81,372	98,414	137,383	178,559	176,887
USSR <sup>b</sup> .....	17,139	24,468	16,772	17,504	28,624	22,644	23,230	16,299	21,161	20,678	42,650	49,553	41,165
Eastern Europe.....	38,586	40,792	44,455	45,901	52,185	58,225	57,765	62,496	60,211	77,736	94,733	129,006	135,722

<sup>a</sup> Exports include reexports and are valued f.a.s. Imports are general imports and are valued f.o.b. port of export.

<sup>b</sup> Including data for Estonia, Latvia, and Lithuania.

Table 49

Trade of the US with the USSR, by Commodity  
1955, 1960, and 1962-66

	Thousand US \$						
	1955	1960	1962	1963	1964	1965	1966
	Exports to the USSR <sup>a</sup>						
Total exports <sup>b</sup> .....	245	39,255	20,105	22,913	146,351	45,117	41,668
Food and live animals.....	N.A.	60	131	783	117,804 <sup>c</sup>	0	93
Beverages and tobacco.....	0	0	44	0	0	0	0
Inedible crude materials except fuels.....	27	4,022	9,679	7,305	6,304	15,882	23,212
Cattle hides.....	27	2,622	6,789	5,916	3,038	6,088	15,313
Manmade fiber, staple and tow.....	N.A.	1,400	1,431	547	1,987	1,353	2,403
Mineral fuels, lubricants, and related materials...	N.A.	0	0	1,961	299	0	0
Animal and vegetable oils and fats.....	N.A.	0	4,011	2,066	8,250	17,492	7,599
Tallow.....	N.A.	0	4,011	2,066	8,250	17,492	7,599
Chemicals.....	133	3,099	832	8,122	8,057	5,730	4,883
Basic manufactures.....	N.A.	12,310	609	724	194	195	1,124
Yarn and thread of artificial fibers.....	N.A.	1,322	422	385	0	0	0
Steel sheets, black, cold-rolled, and ungalvanized.	N.A.	10,618	0	0	0	0	0
Machinery and transport equipment.....	7	19,254	3,930	1,101	4,996	5,121	4,041
Miscellaneous manufactures.....	16	258	828	539	372	455	449
Other.....	63	252	41	312	75	242	267
	Imports from the USSR <sup>d</sup>						
Total imports <sup>b</sup> .....	16,828	22,779	16,321	21,161	20,678	42,650	49,553
Food and live animals.....	265	221	218	245	231	566	710
Sturgeon and other fish roe.....	N.A.	208	136	187	40	49	N.A.
Inedible crude materials except fuels.....	10,355	8,008	9,840	11,818	12,299	13,891	16,377
Fur.....	7,958	5,967	7,462	6,770	5,932	6,176	6,302
Chrome ore.....	0	160	916	3,481	4,358	4,373	6,323
Chemicals.....	3,963	8,175	544	202	193	960	1,387
Benzene.....	N.A.	7,819	0	0	0	0	0
Naphthalene.....	N.A.	0	409	0	0	0	0
Basic manufactures <sup>e</sup> .....	1,298	5,738	5,009	8,258	7,066	26,401	30,178
Platinum <sup>e</sup> .....	1,127	2,760	1,045	2,454	1,245	7,024	1,677
Palladium <sup>e</sup> .....	N.A.	1,473	1,945	3,954	3,811	12,530	13,920
Rhenium <sup>e</sup> .....	N.A.	1,292	1,101	1,647	1,035	3,165	3,408
Miscellaneous manufactures.....	16	317	316	511	738	629	641
Other.....	931	320	394	127	151	203	260

<sup>a</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s. Except for 1955, exports include data for Estonia, Latvia, and Lithuania, which are treated separately in the US Department of Commerce statistics.

<sup>b</sup> The minor differences between the totals shown on this table and those shown on Table 48, p. 53, are due to differences in definition.

<sup>c</sup> Excluding US wheat shipped from a Canadian port, as reported by US grain inspectors (4.1 million bushels valued at US \$7.4 million). The final destinations were unknown at the time of export from the US.

<sup>d</sup> Imports for 1955, 1960, and 1962 are for consumption only, whereas imports for 1963-66 are general imports. Imports are valued f.o.b. port of export and, except for 1955, include data for Estonia, Latvia, and Lithuania, which are treated separately in the US Department of Commerce statistics.

<sup>e</sup> Data may include unrefined metal.

Table 50

Exports of the Developed Countries of the Free World, by Area  
1955 and 1960-66

	1955	1960	1961	1962	1963	1964	1965	1966
<b>WORLD</b> .....	<b>59.4</b>	<b>84.2</b>	<b>89.0</b>	<b>93.4</b>	<b>102.1</b>	<b>115.2</b>	<b>125.8</b>	<b>138.8</b>
<b>COMMUNIST COUNTRIES</b> .....	<b>1.5</b>	<b>3.4</b>	<b>3.4</b>	<b>3.7</b>	<b>4.0</b>	<b>5.0</b>	<b>5.0</b>	<b>5.8</b>
USSR.....	0.4	0.9	1.0	1.2	1.3	1.6	1.4	1.5
Eastern Europe.....	0.7	1.3	1.3	1.5	1.6	1.9	2.1	2.5
Far East <sup>a</sup> .....	0.1	0.4	0.5	0.4	0.6	0.7	0.9	1.1
Other <sup>b</sup> .....	0.3	0.5	0.6	0.5	0.6	0.7	0.6	0.8
<b>FREE WORLD</b> .....	<b>39.3</b>	<b>56.6</b>	<b>60.0</b>	<b>64.6</b>	<b>71.1</b>	<b>80.8</b>	<b>88.9</b>	<b>98.1</b>
Developed Countries.....	<b>39.3</b>	<b>56.6</b>	<b>60.0</b>	<b>64.6</b>	<b>71.1</b>	<b>80.8</b>	<b>88.9</b>	<b>98.1</b>
Western Europe.....	25.4	37.1	40.2	43.5	48.2	54.7	59.1	63.9
Common Market <sup>c</sup> .....	13.0	20.2	22.6	25.3	28.8	32.2	35.1	38.4
Free Trade Area <sup>d</sup> .....	11.0	15.2	15.9	16.4	17.6	20.5	21.7	22.9
Other <sup>e</sup> .....	1.4	1.6	1.7	1.8	1.8	2.0	2.3	2.6
Japan.....	1.1	2.4	3.1	2.8	3.4	3.7	3.6	4.2
US.....	5.6	8.6	8.5	9.8	10.3	11.5	13.6	16.7
Canada.....	4.0	4.9	4.9	5.1	5.3	6.1	7.0	8.2
Other <sup>f</sup> .....	3.1	3.7	3.2	3.4	4.0	4.9	5.5	5.1
Less Developed Countries.....	<b>17.6</b>	<b>22.7</b>	<b>23.8</b>	<b>23.6</b>	<b>25.2</b>	<b>27.5</b>	<b>29.9</b>	<b>32.8</b>
Africa <sup>g</sup> .....	4.1	5.2	5.1	4.8	5.2	5.5	6.0	6.0
Asia.....	5.9	8.5	8.8	8.9	9.9	10.6	11.7	13.1
Latin America.....	5.6	6.3	6.6	6.3	6.1	6.9	7.0	7.9
Other <sup>h</sup> .....	2.0	2.7	3.2	3.6	4.0	4.5	5.3	5.8
Other <sup>i</sup> .....	1.0	1.5	1.8	1.6	1.7	1.9	1.9	2.2

<sup>a</sup> Including Communist China, North Korea, North Vietnam, and Mongolia.

<sup>b</sup> Including Albania, Yugoslavia, and beginning in 1960, Cuba.

<sup>c</sup> Including Belgium, France, Italy, Luxembourg, the Netherlands, and West Germany.

<sup>d</sup> Including Austria, Denmark, Norway, Sweden, Switzerland, and the United Kingdom, but excluding Portugal.

<sup>e</sup> Including Finland, Iceland, and Ireland.

<sup>f</sup> Including Australia, New Zealand, and South Africa.

<sup>g</sup> Excluding South Africa.

<sup>h</sup> Including Greece, Spain, Portugal, Turkey, and other European countries not mentioned.

<sup>i</sup> Including trade data that cannot be distributed by destination, bunkering, and exports of ships' stores.



Table 51

Exports of the Less Developed Countries of the Free World, by Area  
1955 and 1960-66

	Billion US \$							
	1955	1960	1961	1962	1963	1964	1965	1966
WORLD.....	25.1	28.6	29.0	30.5	33.0	36.5	38.5	41.3
COMMUNIST COUNTRIES.....	0.7	1.4	1.3	1.4	1.6	1.9	2.3	2.4
USSR.....	0.2	0.4	0.4	0.5	0.6	0.6	0.8	0.8
Eastern Europe.....	0.3	0.5	0.5	0.5	0.6	0.7	0.8	0.9
Far East <sup>a</sup> .....	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4
Other <sup>b</sup> .....	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3
FREE WORLD								
Developed Countries.....	17.7	20.0	20.3	21.3	23.2	25.5	26.7	28.4
Western Europe.....	9.9	11.5	11.6	12.3	13.4	14.6	15.3	16.0
Common Market <sup>c</sup> .....	5.0	6.7	6.9	7.4	8.1	9.1	9.6	10.3
Free Trade Area <sup>d</sup> .....	4.1	4.5	4.5	4.7	5.0	5.3	5.4	5.4
Other <sup>e</sup> .....	0.3	0.3	0.1	0.1	0.2	0.3	0.3	0.4
Japan.....	1.0	1.4	1.0	1.6	2.1	2.6	2.8	3.1
USA.....	5.7	5.8	5.9	6.0	6.2	6.7	7.1	7.6
Canada.....	0.4	0.5	0.5	0.7	0.7	0.7	0.7	0.8
Other <sup>f</sup> .....	0.7	0.8	0.7	0.7	0.8	0.9	0.9	0.9
Less Developed Countries.....	6.1	6.4	6.6	7.0	7.3	8.0	8.5	8.9
Africa <sup>g</sup> .....	0.8	0.9	0.9	1.0	1.0	1.3	1.5	1.5
Asia.....	3.0	3.3	3.4	3.5	3.7	3.8	3.9	4.2
Latin America.....	1.3	1.0	1.0	1.1	1.1	1.3	1.4	1.5
Other <sup>h</sup> .....	1.0	1.2	1.3	1.5	1.5	1.5	1.7	1.8
Other <sup>i</sup> .....	0.6	0.8	0.8	0.9	0.9	1.0	1.0	1.6

<sup>a</sup> Including Communist China, North Korea, North Vietnam, and Mongolia.<sup>b</sup> Including Albania, Yugoslavia, and beginning in 1960, Cuba.<sup>c</sup> Including Belgium, France, Italy, Luxembourg, the Netherlands, and West Germany.<sup>d</sup> Including Austria, Denmark, Norway, Sweden, Switzerland, and the United Kingdom, but excluding Portugal.<sup>e</sup> Including Finland, Iceland, and Ireland.<sup>f</sup> Including Australia, New Zealand, and South Africa.<sup>g</sup> Excluding South Africa.<sup>h</sup> Including Greece, Spain, Portugal, Turkey, and other European countries not mentioned.<sup>i</sup> Including trade data that cannot be distributed by destination, bunkering, and exports of ships' stores.

Table 52  
Trade Turnover of the Communist Countries<sup>a</sup>  
1955, 1960, and 1962-67

	Million US \$							Average Annual Rate of Growth <sup>b</sup> (Percent)		
	1955	1960	1962	1963	1964	1965	1966	1967	1956-67	1961-67
<b>COMMUNIST COUNTRIES</b>										
<b>USSR and Eastern Europe</b>										
USSR.....	6,487*	11,192*	13,486*	14,331*	15,420*	16,233*	16,754*	18,222*	9.0*	7.2*
<b>Eastern Europe</b>										
Bulgaria.....	486*	1,204*	1,557*	1,767*	2,042*	2,354*	2,783*	3,047*	16.5*	14.2*
Czechoslovakia.....	2,229*	3,745*	4,263*	4,622*	5,005*	5,361*	5,481*	5,544*	7.9*	5.8*
East Germany.....	2,451*	4,402*	4,785*	5,044*	5,565*	5,879*	6,420*	6,632*	8.6*	6.0*
Hungary.....	1,155*	1,850*	2,248*	2,511*	2,846*	3,030*	3,150*	3,476*	9.6*	9.4*
Poland.....	1,852*	2,821*	3,532*	3,749*	4,169*	4,568*	4,766*	5,171*	8.9*	9.0*
Rumania.....	884*	1,365*	1,759*	1,937*	2,168*	2,179*	2,399*	2,941*	10.5*	11.6*
<b>Far East</b>										
Communist China <sup>c,d</sup> .....	3,040*	3,975*	2,670*	2,770*	3,220*	3,850*	4,295*	4,180*	2.7*	0.7*
North Korea <sup>e</sup> .....	105*	321*	402*	415*	398*	429*	445*	N.A.	14.0* <sup>f</sup>	5.6* <sup>g</sup>
North Vietnam.....	80*	208 <sup>o</sup>	239 <sup>o</sup>	253 <sup>o</sup>	239 <sup>o</sup>	298 <sup>o</sup>	335 <sup>o</sup>	N.A.	13.9 <sup>f</sup>	8.3 <sup>g</sup>
<b>Other</b>										
Albania.....	56*	130*	106*	119*	158*	168* <sup>o</sup>	N.A.	N.A.	11.6* <sup>h</sup>	5.3* <sup>i</sup>
Cuba.....	j	1,168*	1,268*	1,376*	1,729*	1,551*	1,520 <sup>o</sup>	1,710 <sup>o</sup>	j	5.6 <sup>o</sup>
Yugoslavia.....	698*	1,393*	1,578*	1,847*	2,216*	2,379*	2,796*	2,959*	12.8*	11.4*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Official statistics of the countries listed, except where data are estimated. Official statistics for exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.

<sup>b</sup> The base years are 1955 and 1960, respectively.

<sup>c</sup> Estimated.

<sup>d</sup> Rounded to the nearest US \$5 million.

<sup>e</sup> Estimated data based on data of trading partner countries.

<sup>f</sup> Rate of growth for 1956-66.

<sup>g</sup> Rate of growth for 1961-66.

<sup>h</sup> Rate of growth for 1956-65.

<sup>i</sup> Rate of growth for 1961-65.

<sup>j</sup> Not applicable. Cuba was not a Communist country before 1960.

SECRET

Table 53

Trade Among the Communist Countries \*  
1955, 1960, and 1962-67

Million US \$

	Exports by Designated Country							
	1955 <sup>b</sup>	1960	1962	1963	1964	1965	1966	1967
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	2,723*	4,211*	4,905*	5,099*	5,407*	5,556*	5,873*	6,330*
Eastern Europe								
Bulgaria.....	212*	480*	637*	685*	781*	934*	997*	1,144*
Czechoslovakia.....	810*	1,395*	1,631*	1,859*	1,902*	1,965*	1,928*	2,051*
East Germany.....	940*	1,672*	1,870*	2,144*	2,275*	2,297*	2,386*	2,586*
Hungary.....	404*	624*	811*	849*	963*	1,058*	1,089*	1,167*
Poland.....	578*	830*	1,034*	1,123*	1,351*	1,409*	1,400*	1,611*
Rumania.....	341*	523*	560*	639*	688*	756*	735*	N.A.
Far East								
Communist China <sup>o d</sup> .....	945*	1,320*	915*	820*	710*	650*	610*	580*
North Korea <sup>e</sup> .....	43*	147*	171*	185*	174*	186*	203*	N.A.
North Vietnam.....	6*	70 <sup>e</sup>	79 <sup>e</sup>	77 <sup>e</sup>	85 <sup>e</sup>	79 <sup>e</sup>	64 <sup>e</sup>	N.A.
Other								
Albania.....	13*	48*	38*	45*	55*	59* <sup>o</sup>	N.A.	N.A.
Cuba.....	'	151*	402*	335*	423*	535*	483	570
Yugoslavia.....	36*	184*	168*	214*	312*	464*	453*	463* <sup>o</sup>
Imports by Designated Country								
	1955 <sup>b</sup>	1960	1962	1963	1964	1965	1966	1967
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	2,148*	3,978*	4,566*	4,986*	5,346*	5,610*	5,264*	6,000*
Eastern Europe								
Bulgaria.....	223*	531*	650*	769*	804*	874*	1,028*	1,158*
Czechoslovakia.....	755*	1,294*	1,532*	1,589*	1,763*	1,961*	1,923*	1,929*
East Germany.....	828*	1,620*	1,909*	1,816*	1,976*	2,046*	2,307*	2,363*
Hungary.....	302*	687*	821*	900*	996*	1,018*	1,016*	1,183*
Poland.....	605*	950*	1,246*	1,326*	1,306*	1,548*	1,604*	1,737*
Rumania.....	386*	474*	634*	694*	795*	660*	694*	N.A.
Far East								
Communist China <sup>o d</sup> .....	1,310*	1,280*	490*	430*	390*	515*	520*	465*
North Korea <sup>e</sup> .....	54*	162*	217*	206*	183*	187*	183*	N.A.
North Vietnam.....	73*	118 <sup>e</sup>	122 <sup>e</sup>	134 <sup>e</sup>	119 <sup>e</sup>	180 <sup>e</sup>	237 <sup>e</sup>	N.A.
Other								
Albania.....	42*	77*	62*	66*	92*	98* <sup>o</sup>	N.A.	N.A.
Cuba.....	'	120*	640*	703*	689*	653*	732	755
Yugoslavia.....	33*	212*	194*	241*	386*	381*	503*	465* <sup>o</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Official statistics of the countries listed, except where data are estimated. Official statistics for exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.<sup>b</sup> Excluding trade of the Communist countries with Cuba.<sup>c</sup> Estimated.<sup>d</sup> Rounded to the nearest US \$5 million.<sup>e</sup> Estimated data based on data of trading partner countries.<sup>f</sup> Not applicable. Cuba was not a Communist country before 1960.

Table 54

Trade of the Communist Countries with the Free World <sup>a</sup>  
1955, 1960, and 1962-67

Million US \$

	Exports to the Free World							
	1955 <sup>b</sup>	1960	1962	1963	1964	1965	1966	1967
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	700*	1,352*	2,125*	2,173*	2,276*	2,618*	2,968*	3,330*
Eastern Europe								
Bulgaria.....	24*	91*	136*	149*	199*	242*	308*	335*
Czechoslovakia.....	366*	535*	563*	603*	674*	723*	817*	842*
East Germany.....	338*	535*	508*	570*	656*	773*	819*	860*
Hungary.....	197*	249*	289*	357*	389*	452*	504*	534*
Poland.....	341*	495*	612*	647*	746*	819*	872*	915*
Rumania.....	81*	194*	258*	276*	312*	346*	451*	N.A.
Far East								
Communist China <sup>c</sup> <sup>d</sup> .....	410*	625*	605*	755*	1,040*	1,345*	1,630*	1,530*
North Korea <sup>e</sup> .....	2*	5*	7*	11*	23*	23*	33*	N.A.
North Vietnam.....	1*	10 <sup>e</sup>	19 <sup>e</sup>	20 <sup>e</sup>	23* <sup>e</sup>	23* <sup>e</sup>	21* <sup>e</sup>	N.A.
Other								
Albania.....	<i>Negl.</i> *	1*	3*	3*	4*	4* <sup>e</sup>	N.A.	N.A.
Cuba.....	<sup>f</sup>	467*	119*	210*	291*	150*	110	145
Yugoslavia.....	221*	382*	523*	576*	581*	627*	767*	789* <sup>e</sup>
Imports from the Free World								
	1955 <sup>b</sup>	1960	1962	1963	1964	1965	1966	1967
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	642*	1,650*	1,890*	2,072*	2,390*	2,448*	2,649*	2,560*
Eastern Europe								
Bulgaria.....	27*	101*	135*	164*	259*	303*	450*	409*
Czechoslovakia.....	298*	522*	537*	572*	666*	711*	813*	751*
East Germany.....	345*	574*	498*	515*	658*	763*	908*	841* <sup>e</sup>
Hungary.....	252*	288*	328*	405*	499*	502*	550*	592*
Poland.....	327*	546*	639*	653*	766*	793*	890*	908*
Rumania.....	76*	174*	307*	328*	374*	418*	519*	N.A.
Far East								
Communist China <sup>c</sup> <sup>d</sup> .....	375*	745*	660*	770*	1,080*	1,340*	1,525*	1,610*
North Korea <sup>e</sup> .....	6*	6*	6*	14*	19*	34*	26*	N.A.
North Vietnam.....	1*	10 <sup>e</sup>	19 <sup>e</sup>	22 <sup>e</sup>	13* <sup>e</sup>	15* <sup>e</sup>	13* <sup>e</sup>	N.A.
Other								
Albania.....	1*	4*	3*	5*	6*	7* <sup>e</sup>	N.A.	N.A.
Cuba.....	<sup>f</sup>	430*	107* <sup>g</sup>	128* <sup>h</sup>	326*	208*	193	240
Yugoslavia.....	408*	614*	694*	815*	937*	907*	1,073*	1,243* <sup>e</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Official statistics of the countries listed, except where data are estimated. Official statistics for exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.<sup>b</sup> Including trade of the Communist countries with Cuba.<sup>c</sup> Estimated.<sup>d</sup> Rounded to the nearest US \$5 million.<sup>e</sup> Estimated data based on data of trading partner countries.<sup>f</sup> Not applicable. Cuba was not a Communist country before 1960.<sup>g</sup> Excluding US ransom payment of US \$13 million.<sup>h</sup> Excluding US ransom payment of US \$35 million.

Table 55  
Direction of Soviet Foreign Trade \*  
1955-66

	Million US \$									
	Communist Countries					Free World				
	Total Trade	Total	Eastern Europe	Communist China	Other Asian	Other <sup>b</sup>	Total	Developed Countries	Less Developed Countries	Unspecified
1955....	3,426.6	2,726.2	1,792.1	748.3	169.4	16.4	700.3	554.1	95.6	50.6
Imports.....	3,060.5	2,418.4	1,662.8	643.6	94.6	17.4	642.2	440.7	198.6	2.9
Exports.....	3,615.0	2,732.9	1,767.8	733.0	163.0	69.1	882.1	607.1	164.2	110.8
1956....	3,612.6	2,735.8	1,815.1	764.2	106.8	49.7	876.9	591.2	282.3	3.4
Imports.....	4,381.4	3,304.4	2,549.9	544.1	137.3	73.1	1,077.0	701.9	271.3	103.8
Exports.....	3,937.7	2,825.7	1,914.8	738.1	115.9	56.8	1,112.2	686.3	422.9	3.0
1958....	4,299.2	3,136.2	2,320.1	634.0	131.0	51.1	1,163.0	682.0	378.9	102.1
Imports.....	4,349.5	3,242.0	2,205.7	881.2	104.2	50.9	1,107.6	633.2	473.2	1.2
Exports.....	5,450.4	4,131.7	2,950.6	954.6	180.3	46.2	1,318.7	867.4	332.0	119.3
1959....	5,073.2	3,789.5	2,519.4	1,100.3	116.7	53.1	1,283.7	768.9	511.0	3.8
Imports.....	5,563.7	4,211.4	3,117.7	817.1	63.9	208.8	1,352.3	983.4	338.3	30.6
Exports.....	5,628.4	3,978.3	2,819.4	848.1	97.8	213.2	1,650.1	1,082.2	564.4	3.5
1960....	5,998.4	4,321.1	3,399.4	367.3	118.3	435.7	1,677.3	1,069.3	496.6	111.4
Imports.....	5,827.6	4,146.7	3,044.1	551.4	104.8	446.4	1,680.9	1,092.9	579.1	8.9
Exports.....	7,030.5	4,905.2	3,971.1	233.4	135.3	565.3	2,125.3	1,115.2	560.0	450.1
1961....	6,455.4	4,565.5	3,590.3	516.3	118.4	340.4	1,889.9	1,282.8	604.4	2.7
Imports.....	7,272.4	5,099.4	4,163.3	187.2	138.8	610.1	1,889.9	1,282.8	751.9	203.0
Exports.....	7,058.7	4,986.4	4,146.8	413.0	123.4	303.1	2,072.3	1,399.6	664.6	8.1
1962....	7,683.3	5,406.9	4,499.2	135.3	130.6	641.8	2,276.4	1,282.1	774.5	219.8
Imports.....	7,736.5	5,346.4	4,450.4	314.2	115.4	466.3	2,390.1	1,734.4	653.8	1.9
Exports.....	8,174.6	5,556.3	4,552.6	191.7	164.7	647.3	2,618.3	1,438.0	910.7	269.6
1963....	8,058.3	5,609.8	4,672.6	225.6	118.9	592.8	2,448.4	1,600.8	845.2	2.4
Imports.....	8,841.0	5,872.8	4,692.0	175.3	153.8	851.8	2,968.2	1,710.2	886.2	371.8
Exports.....	7,912.8	5,263.8	4,462.1	143.1	117.7	541.8	2,649.0	1,741.2	903.3	4.5

\* Official Soviet statistics. Exports and imports are f.o.b.

<sup>b</sup> Other Communist countries include Yugoslavia in 1955-66, Mongolia in 1960-66, Albania in 1961-66, and Cuba in 1960-66. Mongolia is included in other Asian Communist countries before 1960, Albania is included in the Eastern European Communist countries before 1961, and Cuba is included in the less developed countries of the Free World before 1960.

Table 56  
 Soviet Exports, by Commodity <sup>a</sup>  
 1955, 1960, and 1962-66

	1955		1960		1962		1963		1964		1965		1966	
	Value	Percent	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Percent
Total exports.....	3,426.6	100.0	5,563.7	7,030.5	7,272.4	7,683.3	8,174.6	8,841.0	100.0					
Machinery and equipment.....	599.0	17.5	1,141.2	1,168.5	1,435.1	1,612.8	1,635.8	1,838.3	20.8					
Complete plants.....	276.8	8.1	568.5	411.5	564.9	604.2	613.5	641.3	7.3					
Fuels, lubricants, and related materials.....	329.0	9.6	901.8	1,152.5	1,289.3	1,364.0	1,386.3	1,429.4	16.2					
Coal and coke.....	97.8	2.9	242.1	346.4	376.6	418.4	384.3	358.8	4.1					
Petroleum and petroleum products.....	230.1	6.7	657.9	803.7	910.4	943.1	998.9	1,064.0	12.0					
Ores and concentrates.....	115.4	3.4	242.9	273.6	291.4	313.8	310.0	302.2	3.4					
Iron ore.....	81.6	2.4	175.0	215.7	235.9	255.5	250.7	241.7	2.7					
Base metals and manufactures.....	432.4	12.6	837.7	1,010.3	1,012.8	1,254.9	1,329.4	1,344.9	15.2					
Ferrous metals.....	321.6	9.4	642.7	792.8	794.1	962.6	997.6	964.8	10.9					
Rolled ferrous metals.....	192.2	5.6	428.8	540.3	551.2	656.6	659.4	632.8	7.2					
Nonferrous metals.....	110.7	3.2	194.9	217.5	218.7	292.3	331.8	380.1	4.3					
Aluminum.....	25.9	0.8	44.7	77.6	79.5	113.4	141.3	118.6	1.3					
Tin.....	6.3	0.2	24.6	1.1	1.7	Negl.	Negl.	Negl.	Negl.					
Chemicals.....	72.7	2.1	150.1	179.2	192.9	199.1	229.2	271.4	3.1					
Wood and wood products.....	174.5	5.1	305.1	420.4	414.2	506.3	593.6	622.1	7.0					
Lumber.....	94.3	2.8	182.8	221.3	234.9	281.8	312.2	307.6	3.5					
Textile raw materials and semimanufactures.....	346.7	10.1	358.6	341.5	337.7	382.1	421.3	460.1	5.2					
Cotton fiber.....	297.9	8.7	288.7	259.6	243.5	297.1	334.7	367.7	4.2					
Consumer goods.....	538.0	15.7	898.9	1,132.1	1,156.3	806.1	893.2	1,031.3	11.7					
Food.....	386.4	11.3	693.4	912.1	908.2	568.7	657.2	778.3	8.8					
Grain.....	283.5	8.3	467.8	529.4	424.1	241.9	270.3	232.0	2.6					
Other consumer goods.....	151.6	4.4	205.6	220.0	248.2	237.4	236.0	253.0	2.9					
Other merchandise.....	128.0	3.7	209.7	227.3	225.9	216.6	247.5	246.9	2.8					
Unspecified.....	691.1	20.2	515.6	1,125.1	916.8	1,027.6	1,128.3	1,294.6	14.6					

<sup>a</sup> Official Soviet statistics. Exports are f.o.b.

Table 57  
Soviet Imports, by Commodity  
1955, 1960, and 1962-66

	1955		1960		1962		1963		1964		1965		1966	
	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent	Value	Percent
Total imports.....	3,060.5	100.0	5,628.4		6,455.4		7,058.7		7,736.5		8,058.3		7,912.8	
Machinery and equipment.....	925.3	30.2	1,675.2		2,245.0		2,466.0		2,664.9		2,692.2		2,564.8	
Transportation equipment.....	383.5	12.5	660.1		743.2		847.2		996.9		990.0		941.4	
Fuels, lubricants, and related materials.....	250.0	8.2	237.3		198.7		201.9		183.2		198.5		184.5	
Coal and coke.....	126.9	4.1	93.5		95.3		97.3		96.9		123.0		127.4	
Petroleum and petroleum products.....	123.1	4.0	143.7		103.5		104.6		86.3		75.5		57.1	
Ores and concentrates.....	251.3	8.2	314.0		297.8		292.1		302.0		315.5		300.5	
Base metals and manufactures.....	204.1	6.7	545.9		563.4		464.9		356.9		389.4		307.8	
Ferrous metals.....	71.0	2.3	373.9		427.0		339.9		276.7		314.2		249.4	
Rolled ferrous metals.....	16.1	0.5	178.8		192.7		169.5		136.4		132.2		99.2	
Nonferrous metals.....	133.1	4.3	172.0		136.4		125.0		80.1		75.2		58.4	
Tin.....	47.9	1.6	34.8		20.5		17.2		17.9		21.0		16.0	
Copper.....	43.5	1.4	71.9		68.7		61.7		14.7		0.5		7.6	
Chemicals.....	52.1	1.7	149.3		212.0		285.3		347.6		375.4		398.4	
Rubber and rubber products.....	41.4	1.4	196.2		251.4		212.5		145.0		198.9		206.6	
Wood and wood products.....	92.9	3.0	104.8		118.5		118.9		131.3		150.3		152.2	
Textile raw materials and semifinances.....	166.4	5.4	364.5		282.8		338.8		292.9		357.9		374.7	
Cotton fiber.....	20.1	0.7	179.9		118.6		170.0		118.0		161.7		140.4	
Wool fiber.....	89.7	2.9	118.0		93.4		88.8		97.8		100.0		117.9	
Consumer goods.....	667.3	21.8	1,572.2		1,826.7		2,112.9		2,639.3		2,645.1		2,712.9	
Food.....	518.1	16.9	611.8		712.8		872.6		1,486.3		1,501.0		1,433.9	
Wheat and wheat flour.....	2.6	0.1	9.6		5.5		237.1		576.9		424.7		515.1	
Other consumer goods.....	149.2	4.9	960.4		1,113.9		1,240.3		1,153.0		1,144.1		1,278.9	
Other merchandise.....	305.4	10.0	375.9		354.5		409.4		462.1		480.4		409.7	
Unspecified.....	104.2	3.4	93.2		104.4		156.1		211.2		254.7		300.7	

\* Official Soviet statistics. Imports are f.o.b.

SECRET

TRADE

Table 58

Soviet Exports of Petroleum <sup>a</sup>  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967 <sup>b</sup>
	Million Metric Tons							
Total petroleum . . . . .	8.0*	33.2*	45.4*	51.4*	56.6*	64.4*	73.6*	78.7
Free World . . . . .	3.8*	18.0*	24.7*	28.4*	31.3*	35.5*	41.4*	43.9
Communist Countries . . . . .	4.2*	15.2*	20.7*	23.0*	25.3*	28.9*	32.2*	34.8
Crude oil . . . . .	2.9*	17.8*	26.3*	30.2*	36.7*	43.4*	50.3*	54.0
Free World . . . . .	0.7*	9.0*	13.6*	15.4*	18.8*	21.0*	24.8*	26.9
Communist Countries . . . . .	2.2*	8.8*	12.7*	14.8*	17.9*	22.4*	25.5*	27.1
Petroleum products . . . . .	5.1*	15.4*	19.1*	21.1*	19.9*	21.0*	23.3*	24.7
Free World . . . . .	3.1*	9.0*	11.1*	13.0*	12.5*	14.5*	16.6*	17.0
Communist Countries . . . . .	2.0*	6.4*	8.0*	8.2*	7.4*	6.5*	6.7*	7.7
	Million US \$							
Total petroleum . . . . .	230.1*	657.9*	803.7*	910.4*	943.1*	998.9*	1,064.0*	1,145.7
Free World . . . . .	79.7*	250.1*	306.3*	365.7*	383.6*	422.3*	488.4*	510.7
Communist Countries . . . . .	150.4*	407.8*	497.4*	544.7*	559.5*	576.6*	575.6*	635.0
Crude oil . . . . .	64.1*	275.7*	364.5*	432.5*	528.5*	612.0*	657.5*	703.5
Free World . . . . .	10.4*	101.5*	135.2*	156.6*	193.0*	214.6*	253.5*	273.5
Communist Countries . . . . .	53.7*	174.2*	229.3*	275.9*	335.5*	397.4*	404.0*	430.0
Petroleum products . . . . .	166.0*	382.2*	439.2*	477.9*	414.6*	386.9*	406.5*	442.2
Free World . . . . .	69.3*	148.6*	171.1*	209.1*	190.7*	207.7*	234.9*	237.2
Communist Countries . . . . .	96.7*	233.6*	268.1*	268.8*	224.0*	179.2*	171.6*	205.0

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data for 1955, 1960, and 1962-66 for exports of total petroleum, crude oil, and petroleum products and for exports to the Communist countries are official Soviet statistics. Data for the Free World are derived as residuals and include exports for which the importing country is not specified. Cuba is included in the Free World in 1955 and in the Communist countries in 1960 and 1962-67.

<sup>b</sup> Estimated. Value data are based on constant 1966 average prices.

SECRET



Table 59

Soviet Imports of Chemical Equipment  
1955, 1960, and 1962-66

	Million New Rubles <sup>a</sup>						
	1955	1960	1962	1963	1964	1965	1966
Total <sup>b</sup> .....	22.1	167.0	141.8	190.2	186.4	187.4	208.0
Eastern Europe.....	22.1	44.2	62.8	78.6	84.5	87.9	75.4
Of which:							
Czechoslovakia.....	11.0	21.9	29.9	45.0 <sup>c</sup>	47.1	43.8	31.4
East Germany.....	10.4	16.6	20.0 <sup>c</sup>	16.0 <sup>c</sup>	15.5	16.1	21.2
Developed Countries.....	<i>Negl.</i>	122.8	79.0	111.6	101.8	99.5	132.6
Of which:							
France.....	<i>N.A.</i>	15.9	16.3	11.9	4.5	12.1	17.6
Italy.....	<i>N.A.</i>	20.6	13.0	26.1	5.9	15.1	10.2
Japan.....	<i>N.A.</i>	3.6	3.8	16.4	4.6	5.9	18.7
UK.....	<i>N.A.</i>	35.3	16.0	27.2	26.7	39.3	52.6
West Germany.....	<i>N.A.</i>	37.4	7.7	17.1	52.9	16.5	22.3

<sup>a</sup> Rubles may be converted to US dollars on the basis of a nominal rate of exchange based on the gold content of the respective currencies of 0.90 ruble to US \$1.

<sup>b</sup> The slight discrepancy between the total and the components is unaccounted for in official Soviet statistics.

<sup>c</sup> Estimated.

Table 60

Chinese Communist Foreign Trade  
1955-67

	Million US \$ <sup>a</sup>								
	Total Foreign Trade			Trade with Communist Countries			Trade with the Free World		
	Total	Exports	Imports	Total	Exports	Imports	Total	Exports	Imports
1955.....	3,040	1,355	1,685	2,255	945	1,310	785	410	375
1956.....	3,120	1,640	1,480	2,055	1,055	1,000	1,065	585	480
1957.....	3,025	1,590	1,435	1,935	1,065	870	1,090	530	560
1958.....	3,740	1,915	1,825	2,355	1,250	1,100	1,385	660	725
1959.....	4,265	2,205	2,065	2,960	1,590	1,370	1,310	615	695
1960.....	3,975	1,945	2,025	2,600	1,320	1,280	1,370	625	745
1961.....	3,015	1,520	1,490	1,675	960	715	1,335	560	775
1962.....	2,670	1,520	1,150	1,405	915	490	1,265	605	660
1963.....	2,770	1,575	1,200	1,250	820	430	1,525	755	770
1964.....	3,220	1,750	1,470	1,100	710	390	2,120	1,040	1,080
1965.....	3,850	1,995	1,855	1,165	650	515	2,685	1,345	1,340
1966.....	4,295	2,245	2,045	1,135	610	520	3,160	1,630	1,525
1967 <sup>b</sup> .....	4,180	2,110	2,075	1,040	580	465	3,140	1,530	1,610

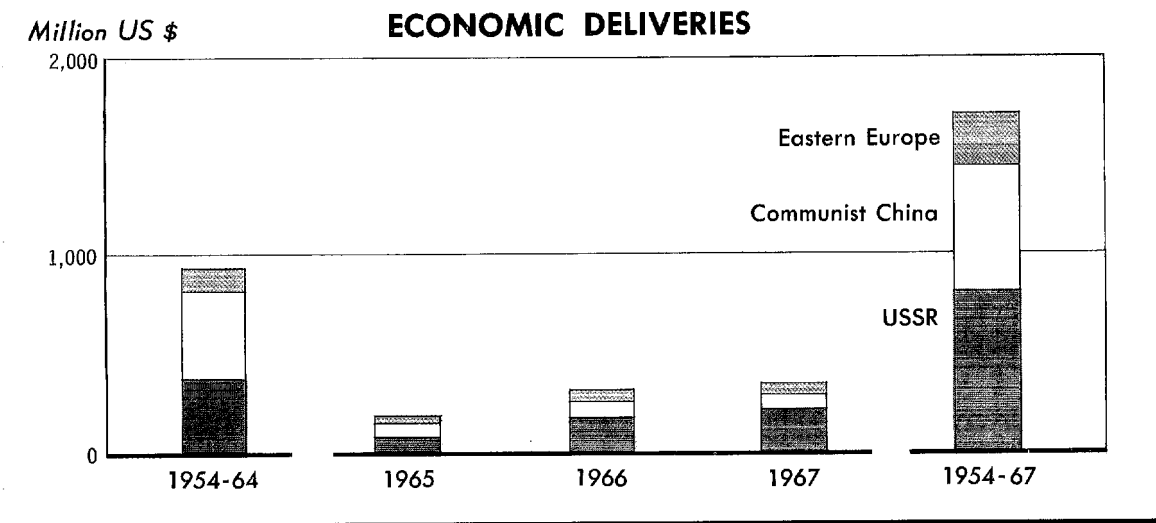
<sup>a</sup> Rounded to the nearest US \$5 million.

<sup>b</sup> Preliminary estimates.

## COMMUNIST ECONOMIC AND MILITARY AID DELIVERED TO NORTH VIETNAM, 1954-67

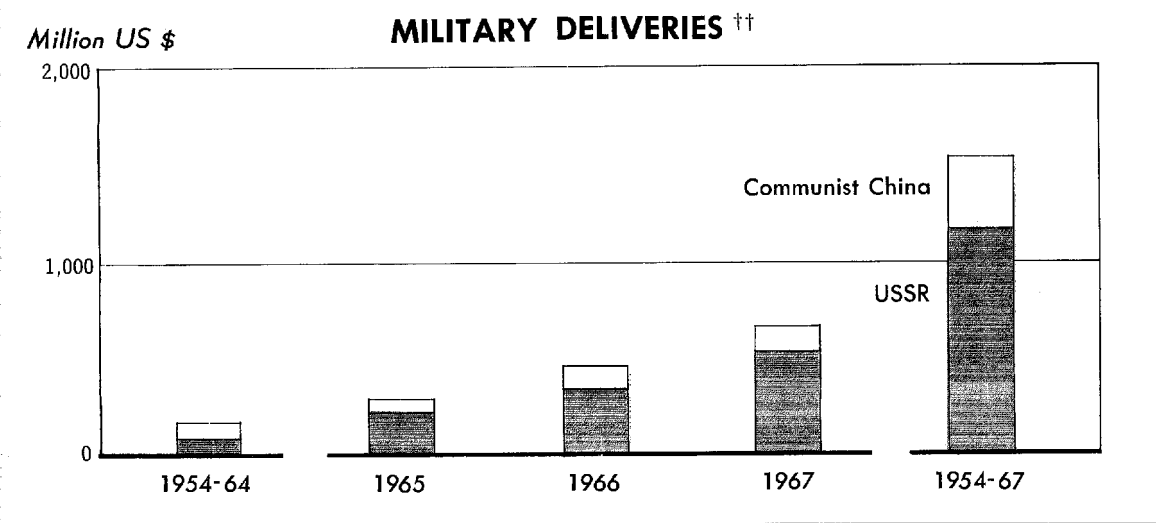
MILLION US \$

	<u>1954-64</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1954-67</u>
ECONOMIC DELIVERIES	950	150	275	340	1,715
USSR	365	85	150	200	800
COMMUNIST CHINA	455	50	75	80	660
EASTERN EUROPE	130	15	50	60	255



MILLION US \$

	<u>1954-64</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1954-67</u>
MILITARY DELIVERIES <sup>††</sup>	140	270	455	660	1,525
USSR	70	210	360	515	1,155
COMMUNIST CHINA	70	60	95	145	370
EASTERN EUROPE	Negl.	Negl.	Negl.	Negl.	Negl.



<sup>†</sup> Data are expressed in Soviet foreign trade prices.  
<sup>††</sup> Data refer exclusively to combat material; excluding aid designed for war-support purposes.

Table 61

Soviet Military Aid Delivered <sup>a</sup> to North Vietnam  
1965-67

	1965		1966		1967	
	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)
Total Value.....		210		360		515
SAM missile systems.....		72		77		142
Firing battalions <sup>b</sup> .....	15	66	10	44	5	22
Replacement missiles <sup>c</sup> .....	200	6	1,100	33	4,000	120
Aircraft.....	57	17	85	45	30	24
IL-28 light jet bombers.....	8	3				
MIG-21 jet fighters.....	11	9	26	21	30	24
MIG-15/17 jet fighters.....	32	4	42	6		
MI-6 helicopters.....			6	12		
MI-4 helicopters.....	3	1	7	1		
U-MIG-15 jet trainers.....	3	<i>Negl.</i>				
AN-24 medium transports.....			3	3		
IL-18 heavy transports.....			1	2		
Armor.....	113	5	15	<i>Negl.</i>	123	5
T-54 medium tanks.....	30	3			40	3
T-34 medium tanks.....	25	1				
PT-76 amphibious tanks.....	25	1	5	<i>Negl.</i>	10	1
BTR-40 armored personnel carriers.....	25	<i>Negl.</i>	10	<i>Negl.</i>	40	1
BTR-50 armored personnel carriers.....					3	<i>Negl.</i>
ZSU-57 self-propelled guns.....	8	<i>Negl.</i>				
SU-76 assault guns.....					30	<i>Negl.</i>
Artillery.....	1,430	38	2,830	50	2,230	55
100-mm antiaircraft artillery.....	100	5	100	5		
85-mm antiaircraft artillery.....	315	12	55	2	465	19
57-mm antiaircraft artillery.....	485	17	735	25	590	21
37-mm antiaircraft artillery.....	250	2	1,850	17	850	8
14.5-mm antiaircraft artillery.....	230	1	50	<i>Negl.</i>	100	<i>Negl.</i>
Field artillery (76-152-mm).....	50	1	40	1	225	5
Radar.....	23	2	160	17	89	9
Trucks and other vehicles.....	650	3	400	2	850	4
Small arms and other infantry weapons.....		1		3		1
Ammunition (metric tons).....	17,000	70	40,000	164	68,000	275

<sup>a</sup> Data refer exclusively to combat materiel, excluding aid designed for war-support purposes.<sup>b</sup> Price per firing battalion includes an allowance for replacement parts and initial complement of missiles.<sup>c</sup> Data based on the estimated number of missiles fired with some provision for stockpiling.

Table 62

Chinese Communist Military Aid Delivered \* to North Vietnam  
 1965-67

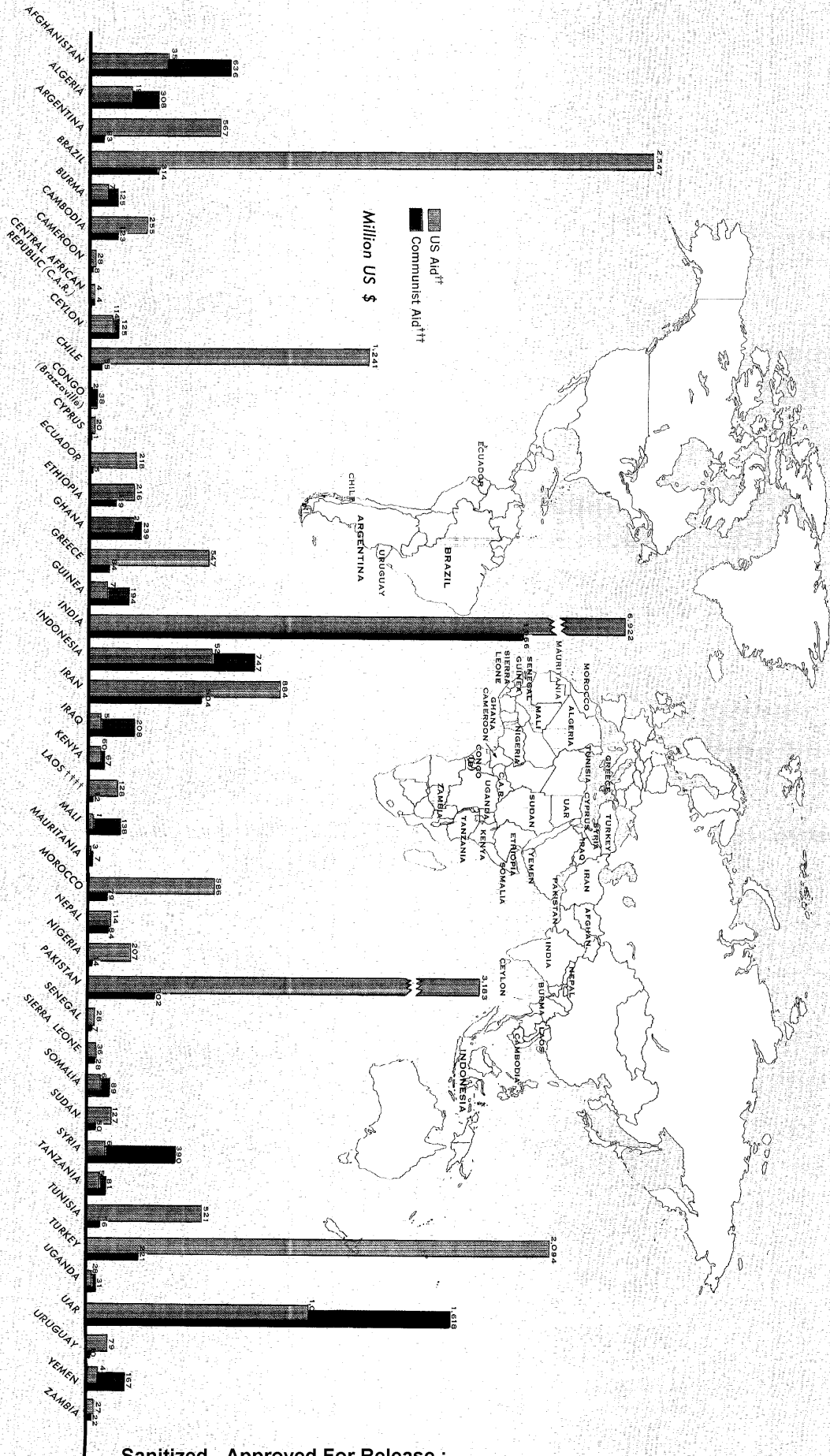
	1965		1966		1967	
	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)
Total value . . . . .		60		95		145
Aircraft . . . . .	8	1	0	0	50	7
MIG-15/17 jet fighters . . . . .	8	1			50	7
Naval craft . . . . .	2	2	2	2	6	4
Shanghai-class fast patrol boats . . . . .	2	2	2	2		
P-6-class motor torpedo boats . . . . .					6	4
Armor . . . . .	25	1	0	0	0	0
T-34 medium tanks . . . . .	25	1				
Artillery . . . . .	320	6	140	4	645	8
57-mm antiaircraft artillery . . . . .	100	4	100	4	100	4
37-mm antiaircraft artillery . . . . .	200	2				
14.5-mm antiaircraft artillery . . . . .					120	1
Field artillery (76-mm) . . . . .	20	<i>Negl.</i>	40	<i>Negl.</i>	425	3
Radar . . . . .	33	3	112	9	67	7
Trucks and other vehicles . . . . .	600	3	400	2	700	4
Small arms and other infantry weapons . . . . .		10		35		22
Ammunition (metric tons) . . . . .	8,000	33	10,000	41	23,000	94

\* Data refer exclusively to combat materiel, excluding aid designed for war-support purposes.

**SECRET**

**US AND COMMUNIST ECONOMIC AID EXTENDED TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD, BY RECIPIENT, 1954-67<sup>†</sup>**

Figure 9



††For comparison, this graphic comprises only the years developed countries to which the US aid and Communist aid were extended (all countries to which Communist aid was extended, but not all to which US aid was extended). US data are extended to 1967. Data for Communist countries include extensions of US \$3.7 million made to Afghanistan in January 1964.

†††Including economic aid, technical assistance and defense support (including economic aid, technical assistance and defense support) authorized for shipments of surplus agricultural products, from the International organizations.

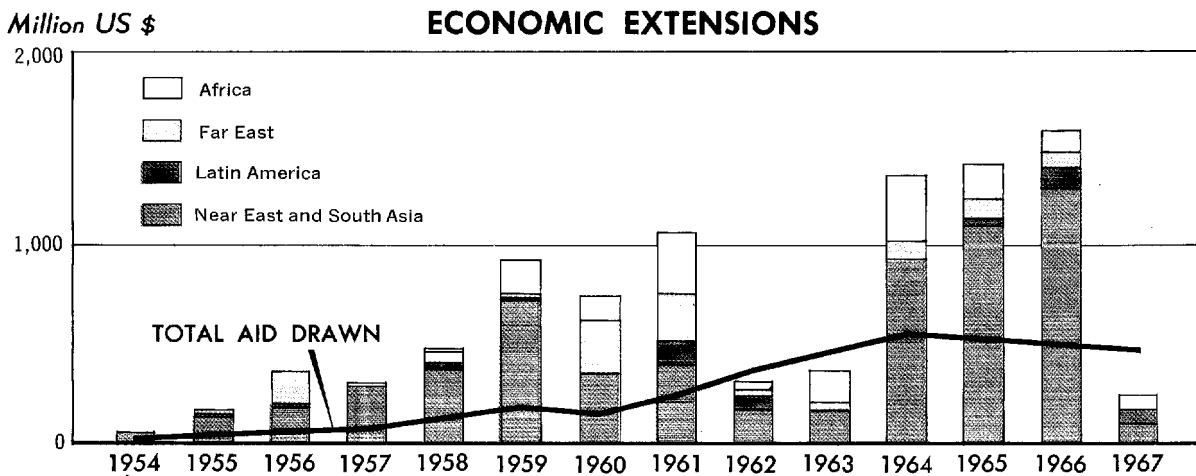
††††Data are for extensions, not actual drawings, and include credits as authorized after the formation of the Laos Coalition Government under the Geneva Accord of July 1962.

# COMMUNIST ECONOMIC AND MILITARY AID TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD EXTENSIONS AND DRAWINGS, BY AREA, 1954-67

Figure 10

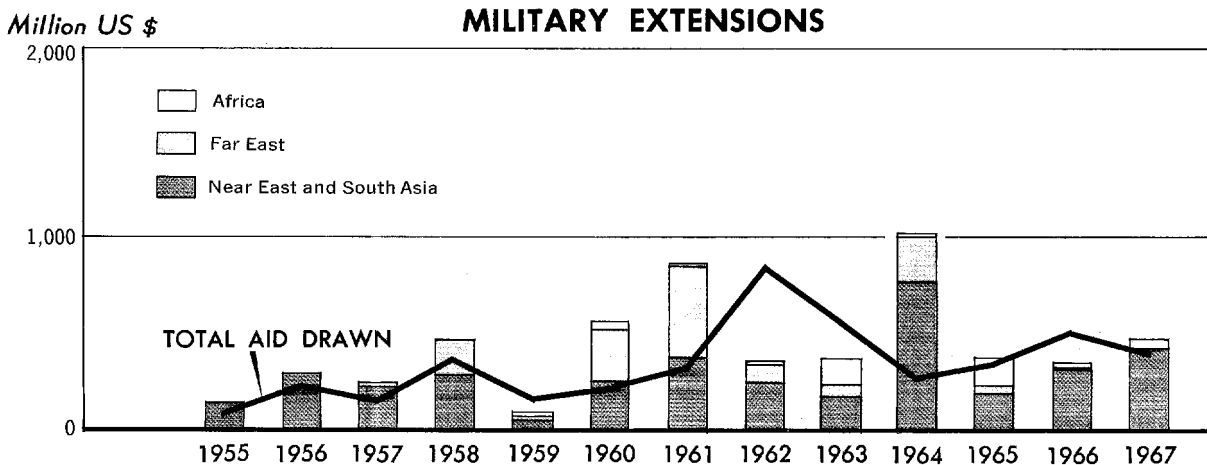
MILLION US \$

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
<b>ECONOMIC EXTENSIONS</b>	10.8	152.2	349.0	297.4	482.6	939.1	751.1	1,097.4	281.6	374.1	1,378.3	1,404.4	1,607.1	213.6
AFRICA														
FAR EAST		8.6	167.3	6.0	51.3	21.8	270.9	237.1	16.9	20.4	61.1	82.3	62.5	63.8
LATIN AMERICA		1.3	2.0		29.0	3.9		110.0	70.0			33.0	127.1	69.8
NEAR EAST AND SOUTH ASIA	10.8	142.3	179.7	291.4	400.5	753.3	362.9	396.6	158.0	162.8	947.5	1,127.0	1,294.9	80.0
<b>TOTAL AID DRAWN</b>	1.0	2.7	37.2	60.2	131.7	152.5	148.7	243.9	351.2	437.0	543.9	522.3	505.9	495.3



MILLION US \$

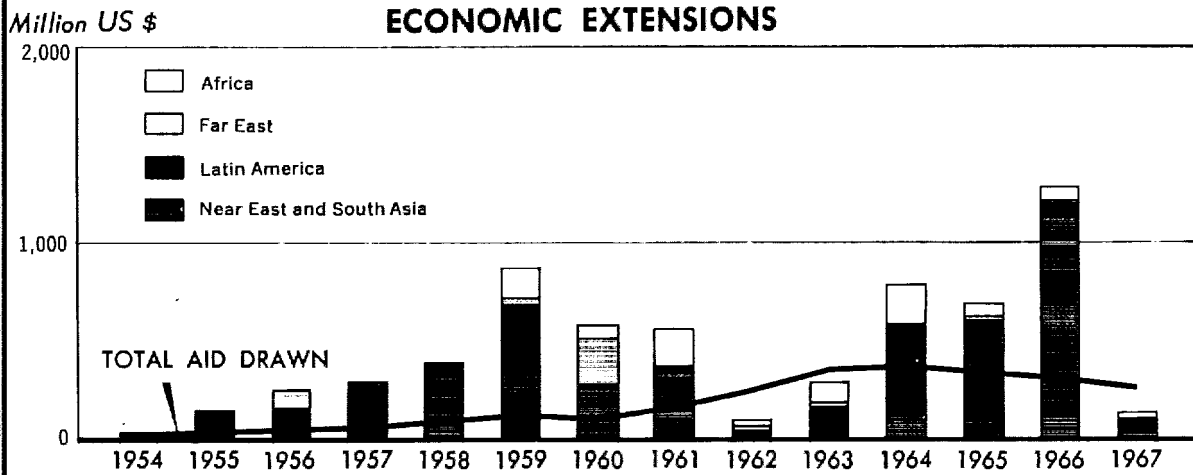
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
<b>MILITARY EXTENSIONS</b>	115	286	238	473	36	569	847	371	389	1,003	362	344	430
AFRICA						6	18	3	17	142	3	14	30
FAR EAST			8	192	5	283	459	93	52	226	30	2	
NEAR EAST AND SOUTH ASIA	115	286	230	281	25	268	385	261	195	774	188	331	450
<b>TOTAL AID DRAWN</b>	53	246	136	377	109	223	336	849	576	294	348	539	400



## SOVIET ECONOMIC AND MILITARY AID TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD EXTENSIONS AND DRAWINGS, BY AREA, 1954-67

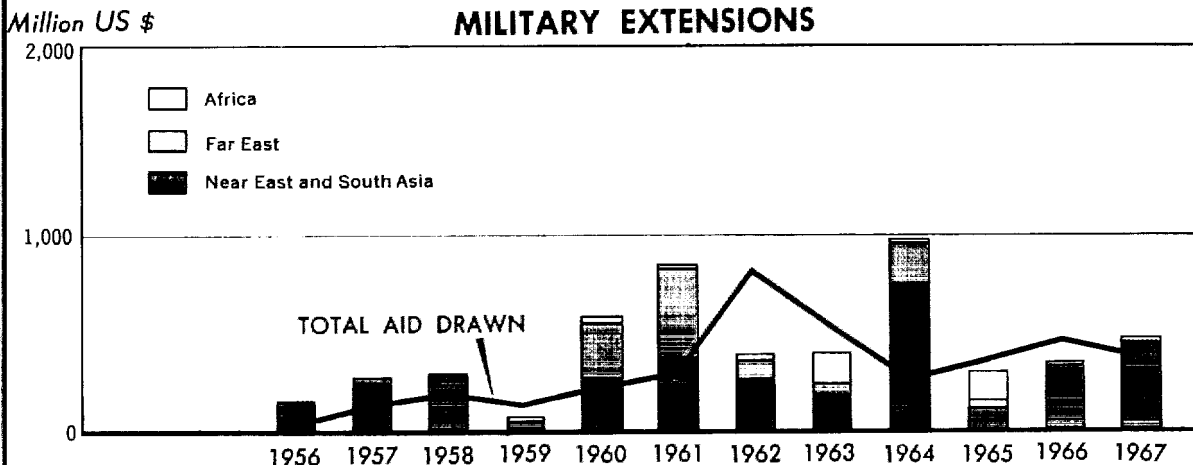
MILLION US \$

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
ECONOMIC EXTENSIONS	5.8	119.9	250.5	257.5	337.0	856.8	553.0	551.1	76.8	261.4	741.9	650.2	1,266.6	90.4
AFRICA						138.8	68.9	197.1	24.7	111.8	210.6	53.6	79.0	26.2
FAR EAST			107.2	6.0		17.5	210.6	3.0	11.5	14.8		3.3	3.5	
LATIN AMERICA					29.0							18.0	85.0	54.8
NEAR EAST AND SOUTH ASIA	5.8	119.9	143.6	251.5	308.0	700.5	273.5	351.0	40.6	134.8	531.3	575.3	1,099.1	9.4
TOTAL AID DRAWN	1.0	2.7	8.8	33.4	98.2	110.1	106.7	188.6	249.3	354.6	363.1	350.0	328.3	291.0



MILLION US \$

	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
MILITARY EXTENSIONS	117	238	281	30	556	832	371	384	984	273	322	435
AFRICA					11	2	17	142	3	142	4	10
FAR EAST		8		5	283	445	93	52	208	26	2	
NEAR EAST AND SOUTH ASIA	117	230	281	25	262	385	261	190	773	105	316	425
TOTAL AID DRAWN	15	136	195	95	217	322	839	576	286	336	450	375



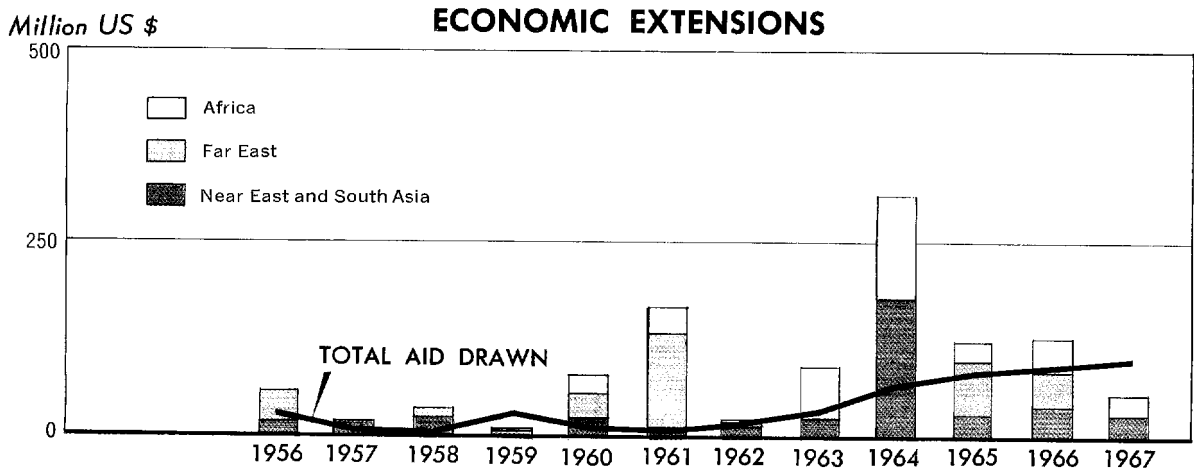
SECRET

NO FOREIGN DISSEM

## TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD EXTENSIONS AND DRAWINGS, BY AREA, 1956-67

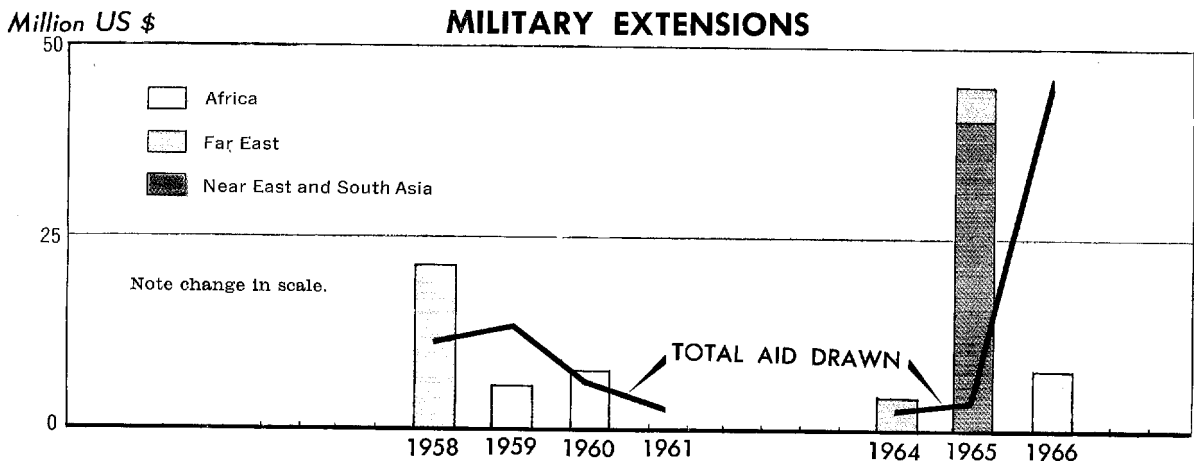
MILLION US \$

	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
ECONOMIC EXTENSIONS	56.4	15.8	34.4	1.2	73.5	163.0	16.3	88.1	310.9	118.7	120.0	48.8
AFRICA				0.5	26.0	39.2	1.8	71.6	138.2	24.7	43.5	20.8
FAR EAST	39.1		11.2		26.5	114.0	4.0			66.0	42.9	
NEAR EAST AND SOUTH ASIA	17.3	15.8	23.2	0.7	21.0	9.8	10.5	16.5	172.7	28.0	33.6	28.0
TOTAL AID DRAWN	20.9	7.1	5.1	25.1	9.6	8.7	12.6	21.6	65.4	80.7	84.5	94.4



MILLION US \$

	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
MILITARY EXTENSIONS			21	5	7				4	44	7	
AFRICA				5	7						7	
FAR EAST			21						4	4		
NEAR EAST AND SOUTH ASIA										40		
TOTAL AID DRAWN			11	13	6	3			2	3	46	



SECRET



Table 63

Communist Economic and Military Aid to Less Developed Countries of the Free World, Extensions and Drawings  
1954-67

	Million US \$							
	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1954.....	10.8	1.0	5.8	1.0	5.0	0	0	0
1955.....	267.2	55.7	119.9	2.7	147.3	53.0	0	0
1956.....	635.0	283.2	367.8	23.8	210.8	238.5	56.4	20.9
1957.....	535.4	196.2	495.5	169.4	24.1	19.7	15.8	7.1
1958.....	955.6	508.7	618.0	293.2	282.2	199.4	55.4	16.1
1959.....	975.1	261.5	886.8	205.1	82.1	18.3	6.2	38.1
1960.....	1,320.1	371.7	1,109.0	323.7	130.6	32.4	80.5	15.6
1961.....	1,944.4	579.9	1,383.1	510.6	398.3	57.6	163.0	11.7
1962.....	652.6	1,200.2	447.8	1,088.3	188.5	99.3	16.3	12.6
1963.....	763.1	1,013.0	645.4	930.6	29.6	60.8	88.1	21.6
1964.....	2,381.3	837.9	1,725.9	649.1	340.5	121.4	314.9	67.4
1965.....	1,766.4	870.3	923.2	686.0	680.5	100.6	162.7	83.7
1966.....	1,951.1	1,044.9	1,588.6	778.3	235.5	136.1	127.0	130.5
1967.....	693.6	895.3	525.4	666.0	119.4	134.9	48.8	94.4
Total.....	14,851.1	8,119.5	10,842.2	6,327.8	2,874.4	1,272.0	1,135.1	519.7

Table 64

Communist Economic Aid to Less Developed Countries of the Free World, Extensions and Drawings  
1954-67

Million US \$

	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1954.....	10.8	1.0	5.8	1.0	5.0	0	0	0
1955.....	152.2	2.7	119.9	2.7	32.3	0	0	0
1956.....	349.0	37.2	250.8	8.8	41.8	7.5	56.4	20.9
1957.....	297.4	60.2	257.5	33.4	24.1	19.7	15.8	7.1
1958.....	482.6	131.7	337.0	98.2	111.2	28.4	34.4	5.1
1959.....	939.1	152.5	856.8	110.1	81.1	17.3	1.2	25.1
1960.....	751.1	148.7	553.0	106.7	124.6	32.4	73.5	9.6
1961.....	1,097.4	243.9	551.1	188.6	383.3	46.6	163.0	8.7
1962.....	281.6	351.2	76.8	249.3	188.5	89.3	16.3	12.6
1963.....	374.1	437.0	261.4	354.6	24.6	60.8	88.1	21.6
1964.....	1,378.3	543.9	741.9	363.1	325.5	115.4	310.9	65.4
1965.....	1,404.4	522.3	650.2	350.0	635.5	91.6	118.7	80.7
1966.....	1,607.1	505.9	1,266.6	328.3	220.5	93.1	120.0	84.5
1967.....	213.6	495.3	90.4	291.0	74.4	109.9	48.8	94.4
Total.....	9,338.7	3,633.5	6,019.2	2,485.8	2,272.4	712.0	1,047.1	435.7

Table 65

Communist Military Aid to Less Developed Countries of the Free World, Extensions and Drawings  
1955-67

Million US \$

	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1955.....	115	53	.....	.....	115	53	.....	.....
1956.....	286	246	117	15	169	231	.....	.....
1957.....	238	136	238	136	.....	.....	.....	.....
1958.....	473	377	281	195	.....	.....	.....	.....
1959.....	36	109	30	95	171	171	21	11
1960.....	569	223	556	217	1	1	5	13
1961.....	847	336	832	322	6	.....	7	6
1962.....	371	849	371	839	15	11	.....	3
1963.....	389	576	384	576	.....	10	.....	.....
1964.....	1,003	294	984	286	5	.....	.....	.....
1965.....	362	348	273	336	15	6	4	2
1966.....	344	539	273	336	45	9	44	3
1967.....	480	400	435	375	15	43	7	46
Total.....	5,513	4,486	4,823	3,842	602	560	88	84

Table 66  
Communist Economic and Military Aid Extended to Less Developed Countries of the Free World, by Recipient and Donor  
1955-67

	Million US \$											Per- cent			
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965		1966	1967	Total
Africa.....				1.8	166.1	135.3	356.7	53.7	332.9	372.7	306.1	133.6	93.8	1,952.7	13.1
Algeria.....															
USSR and Eastern Europe.....							1.0	5.0	213.0	146.5	125.0	1.1		491.6	3.3
Communist China.....					5.0	7.0		1.8	50.0		0.2			64.0	0.4
Ghana.....							46.8	6.0		3.0	21.2			207.1	1.4
USSR and Eastern Europe.....							19.6			22.4				42.0	0.3
Communist China.....															
Guinea.....							1.0	15.0			20.0	2.7	16.7	146.7	1.0
USSR and Eastern Europe.....					48.8	42.5								58.7	0.4
Communist China.....					0.5	26.0									
Mali.....							67.0	13.1	4.0		2.2	3.2		89.5	0.6
USSR and Eastern Europe.....							19.6			22.4	8.0	3.0		53.0	0.4
Communist China.....															
Ethiopia.....											5.2			118.8	0.8
USSR and Eastern Europe.....				1.8	111.8										
Other.....						13.0	118.4	12.8	44.3	85.0	107.8	76.1	56.3	513.7	3.5
USSR and Eastern Europe.....									21.6	93.4	16.5	15.3	20.8	167.6	1.1
Communist China.....									72.4	287.1	112.3	64.5		2,356.2	15.9
Far East.....	8.6	167.3	14.0	243.3	26.8	553.9	696.1	109.9							
Indonesia.....							574.5	93.0	56.6	280.1	32.3			1,938.3	13.1
USSR and Eastern Europe.....	8.6	120.3	8.0	211.1	26.8	527.0	30.0				66.0			144.4	1.0
Communist China.....		16.2		32.2											
Burma.....							0.1	5.3	2.6		10.0	16.1		41.3	0.3
USSR and Eastern Europe.....		7.2					84.0							84.0	0.6
Communist China.....															
Cambodia.....															
USSR and Eastern Europe.....						0.4	7.5		13.2	3.0		5.5		36.3	0.2
Communist China.....		0.7	6.0			26.5				4.0	4.0	42.9		100.3	0.7
Other.....		22.9													
USSR and Eastern Europe.....								7.6						7.6	0.1
Communist China.....								4.0						4.0	Negl.
Latin America.....	1.3	2.0		29.0	3.9		110.0	70.0			33.0	127.1	69.8	446.1	3.0
Brazil.....															
USSR and Eastern Europe.....		2.0			1.5		110.0	70.0			3.0	127.1		313.6	2.1
Other.....															
USSR and Eastern Europe.....	1.3			29.0	2.4						30.0		69.8	132.5	0.9

Near East and South Asia.....	257.3	465.7	521.4	631.5	778.3	630.9	781.6	419.0	357.8	1,721.5	1,315.0	1,625.9	530.0	10,096.7 <sup>a</sup>	68.0
United Arab Republic															
USSR and Eastern Europe.....	124.8	105.1	171.5	362.2		409.0	287.3	224.4	146.2	753.7	280.4	14.0	182.6	3,061.2	20.6
Communist China.....		4.7								80.0			21.0	105.7	0.7
India															
USSR and Eastern Europe.....	121.4	26.4	127.0	34.0	468.5	44.6	142.9	63.5	60.0	368.0	366.5	741.7	10.0	2,574.5	17.3
Afghanistan															
USSR and Eastern Europe.....		182.0	15.8		156.8	10.5	197.3	35.9	51.5	162.2	14.1	15.6	5.0	857.5 <sup>a</sup>	5.8
Communist China.....											28.0			28.0	0.2
Iraq															
USSR and Eastern Europe.....				131.0	137.5	143.0	113.0	1.4		41.0	20.0	181.0	89.4	857.3	5.8
Syria															
USSR and Eastern Europe.....	6.1	80.6	188.2	90.0		2.8		60.0	5.0	40.2	56.1	216.8	85.0	830.8	5.6
Communist China.....									16.3					16.3	0.1
Iran															
USSR and Eastern Europe.....				2.5	3.6			0.5	39.8	16.7	125.0	305.5	120.0	613.6	4.1
Pakistan															
USSR and Eastern Europe.....		3.2					30.0			39.0	50.0	113.2		235.4	1.6
Communist China.....										60.0	40.0		7.0	107.0	0.7
Yemen															
USSR and Eastern Europe.....		47.1			0.7			20.0	30.0	89.5	8.3	3.5	10.0	209.1	1.4
Communist China.....					12.7	0.7			0.2	28.5		14.0		56.1	0.4
Turkey															
USSR and Eastern Europe.....	5.0	0.8	3.1	8.6	3.0				0.8		200.0			221.3	1.5
Ceylon															
USSR and Eastern Europe.....		3.2		30.0					8.0		42.6			83.8	0.6
Communist China.....			15.8	10.5				10.5		4.2				41.0	0.3
Other															
USSR and Eastern Europe.....					7.5		1.3	2.8		38.5	84.0	1.0		135.1	0.9
Communist China.....		12.6				21.0	9.8					19.6		63.0	0.4
Total.....	267.2	635.0	535.4	955.6	975.1	1,320.1	1,944.4	652.6	763.1	2,381.3	1,766.4	1,951.1	693.6	14,851.7 <sup>a</sup>	100.0
USSR and Eastern Europe.....	267.2	578.6	519.6	900.2	968.9	1,239.6	1,781.4	636.3	675.0	2,066.4	1,603.7	1,824.1	644.8	13,716.6 <sup>a</sup>	92.4
Communist China.....		56.4	15.8	55.4	6.2	80.5	163.0	16.3	88.1	314.9	162.7	127.0	48.8	1,135.1	7.6

<sup>a</sup> Including \$10.8 million extended to Afghanistan during 1954.

Table 67  
 Communist Economic Aid Extended to Less Developed Countries of the Free World, by Recipient and Donor  
 1955-67

	Million US \$												Per- cent		
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966		1967	Total
Africa.....				1.3	160.1	117.3	353.7	36.7	190.9	369.7	162.1	122.6	63.8	1,578.7	16.9
Algeria.....								2.0	106.0	146.5		1.1		255.6	2.7
USSR and Eastern Europe.....						46.8	130.1							52.0	0.6
Communist China.....							19.6			22.4				197.1	2.1
Ghana.....											20.2			42.0	0.4
USSR and Eastern Europe.....						34.5	1.0	15.0			18.0	2.7	16.7	135.7	1.5
USSR and Eastern Europe.....					47.8	26.0						32.2		58.7	0.6
Communist China.....					0.5										
Mali.....							65.0	13.1	4.0			3.2		85.5	0.9
USSR and Eastern Europe.....							19.6			22.4				53.0	0.6
Communist China.....															
Ethiopia.....															
USSR and Eastern Europe.....					1.8	111.8					5.2			118.8	1.3
Other.....															
USSR and Eastern Europe.....						10.0	118.4	4.8	9.3	85.0	93.8	72.1	26.3	419.7	4.5
Communist China.....									21.6	93.4	16.5	8.3	20.8	160.6	1.7
Far East.....							237.1	16.9	20.4	61.1	82.3	62.5		1,006.2	10.8
Indonesia.....															
USSR and Eastern Europe.....		8.6	120.3	40.1	21.8	244.0	115.5		5.6	61.1	6.3			623.3	6.7
USSR and Eastern Europe.....		16.2		11.2			30.0				66.0			123.4	1.3
Communist China.....															
Burma.....							0.1	5.3	2.6		10.0	16.1		41.3	0.4
USSR and Eastern Europe.....							84.0							84.0	0.9
Communist China.....															
Cambodia.....															
USSR and Eastern Europe.....		0.7	6.0			0.4	7.5					3.5		30.3	0.3
USSR and Eastern Europe.....		22.9				26.5			12.2			42.9		92.3	1.0
Communist China.....															
Other.....															
USSR and Eastern Europe.....								7.6						7.6	0.1
Communist China.....								4.0						4.0	Negl.
Latin America.....		1.3	2.0	29.0	3.9		110.0	70.0			33.0	127.1	69.8	446.1	4.8
Brazil.....							110.0	70.0			3.0	127.1		313.6	3.4
USSR and Eastern Europe.....		2.0			1.5										
Other.....															
USSR and Eastern Europe.....		1.3		29.0	2.4						30.0		69.8	132.5	1.4

Near East and South Asia.....	142.3	179.7	291.4	400.5	753.3	362.9	396.6	158.0	162.8	947.5	1,127.0	1,294.9	80.0	6,307.7 <sup>a</sup>	67.5
India															
USSR and Eastern Europe.....	121.4	26.4	127.0	34.0	468.5	31.6	140.9	32.5		84.0	248.5	641.7	10.0	1,966.5	21.1
United Arab Republic															
USSR and Eastern Europe.....	9.8	5.1	16.5	302.2		259.0	17.3	74.4	46.2	503.7	255.4		22.6	1,512.2	16.2
Communist China.....		4.7								80.0			21.0	105.7	1.1
Afghanistan															
USSR and Eastern Europe.....	100.0	15.8		131.8	3.5	197.3	35.9	37.2	51.5	37.2	14.1	5.6	5.0	608.5 <sup>a</sup>	6.5
Communist China.....								28.0						28.0	0.3
Iran															
USSR and Eastern Europe.....				2.5	3.6		0.5	39.8	16.7	125.0	305.5	10.0	503.6	5.4	
Syria															
USSR and Eastern Europe.....	6.1	3.6	113.2		2.8			5.2	51.1	191.8				373.8	4.0
Communist China.....								16.3						16.3	0.2
Pakistan															
USSR and Eastern Europe.....	3.2						30.0			39.0	50.0	113.2		235.4	2.5
Communist China.....										60.0			7.0	67.0	0.7
Turkey															
USSR and Eastern Europe.....	5.0	0.8	3.1	8.6	3.0			0.8		200.0				221.3	2.4
Iraq															
USSR and Eastern Europe.....					137.5	45.0	1.4				20.0		4.4	208.3	2.2
Yemen															
USSR and Eastern Europe.....	20.1				0.7					78.5	8.3	3.5		111.1	1.2
Communist China.....				12.7	0.7				0.2	28.5		14.0		56.1	0.6
Ceylon															
USSR and Eastern Europe.....	3.2			30.0				8.0			42.6			83.8	0.9
Communist China.....		15.8	10.5				10.5			4.2				41.0	0.4
Other															
USSR and Eastern Europe.....					7.5		1.3	2.8		10.5	84.0			106.1	1.1
Communist China.....	12.6				21.0		9.8					19.6		63.0	0.7
Total.....	152.2	349.0	297.4	482.6	939.1	751.1	1,097.4	281.6	374.1	1,378.3	1,404.4	1,607.1	213.6	9,338.7 <sup>a</sup>	100.0
USSR and Eastern Europe.....	152.2	292.6	281.6	448.2	937.9	677.6	934.4	265.3	286.0	1,067.4	1,285.7	1,487.1	164.8	8,291.6 <sup>a</sup>	88.8
Communist China.....		56.4	15.8	34.4	1.2	73.5	163.0	16.3	88.1	310.9	118.7	120.0	48.8	1,047.1	11.2

<sup>a</sup> Including \$10.8 million extended to Afghanistan during 1954.

Table 68  
 Communist Military Aid Extended to Less Developed Countries of the Free World, by Recipient and Donor  
 1955-67

	Million US \$											Per- cent			
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965		1966	1967	Total
Africa.....					6	18	3	17	142	3	144	11	30	374	6.8
Algeria.....															
USSR and Eastern Europe.....							1	3	107		125			236	4.3
Communist China.....					5	7								12	0.2
Morocco.....															
USSR and Eastern Europe.....						3		8				2	30	43	0.8
Somalia.....															
USSR and Eastern Europe.....									35					35	0.6
Other.....															
USSR and Eastern Europe.....					1	8	2	6		3	19	2		41	0.7
Communist China.....												7		7	0.1
Far East.....			8	192	5	283	459	93	52	226	30	2		1,350	24.5
Indonesia.....															
USSR and Eastern Europe.....			8	171	5	283	459	93	51	219	26			1,315	23.9
Communist China.....				21										21	0.4
Other.....															
USSR and Eastern Europe.....									1	3		2		6	0.1
Communist China.....										4	4			8	0.1
Near East and South Asia.....	115	296	230	281	25	268	385	261	195	774	188	331	450	3,789	68.7
United Arab Republic.....															
USSR and Eastern Europe.....	115	100	155	60		150	270	150	100	250	25	14	160	1,549	28.1
Iraq.....															
USSR and Eastern Europe.....				131		98	113			41		181	85	649	11.8
India.....															
USSR and Eastern Europe.....						13	2	31	60	284	118	100		608	11.0
Syria.....															
USSR and Eastern Europe.....		77	75	90				60	5	35	5	25	85	457	8.3
Afghanistan.....															
USSR and Eastern Europe.....		82			25	7				125		10		249	4.5
Iran.....															
USSR and Eastern Europe.....													110	110	2.0
Yemen.....															
USSR and Eastern Europe.....		27						20	30	11			10	98	1.8
Pakistan.....															
Communist China.....											40			40	0.7
Other.....															
USSR and Eastern Europe.....										28		1		29	0.5
Total.....	115	286	238	473	36	569	847	371	389	1,003	362	344	480	5,513	100.0
USSR and Eastern Europe.....	115	286	238	452	31	562	847	371	389	999	318	337	480	5,425	98.4
Communist China.....				21	5	7				4	44	7		88	1.6

Table 69  
 Communist Major Deliveries of Land Armaments and Naval Ships to Less Developed Countries of the Free World, by Recipient \*  
 September 1955-December 1967

	Land Armaments				Naval Ships							Motor Torpedo and Missile Boats	Other <sup>d</sup>
	Medium Tanks	Light Tanks <sup>b</sup>	Self-Propelled Assault Guns	Personnel Carriers <sup>e</sup>	Artillery Pieces	Light Cruisers	De-stroyers	Sub-marines	Mine-sweepers	Sub-marine Chasers			
<b>Africa</b>													
Algeria.....	343		101	435	901					6		15	3
Congo (Brazzaville).....				19	25								
Ghana.....			10	24	30								4
Guinea.....	10	11	5	29	79							2	9
Mali.....	12			97	82								
Morocco.....	83			74	100								
Nigeria.....				3	10								3
Somalia.....	80			170	357								8
Tanzania.....				40	50			1					10
Uganda.....					24								
<b>Far East</b>													
Cambodia.....				6	151								3
Indonesia.....		153		400	500	1	16	12	6	16		28	115
<b>Near East and South Asia</b>													
Afghanistan.....	350		18	107	717								
Cyprus.....	32			32	32							6	
India.....	359	176			167								7
Iran.....				20	24								
Iraq.....	520		120	500	800					3		12	7
Pakistan.....	115 to 175				35								
Syria.....	525	33	90	500	825				2			22	
United Arab Republic.....	1,410 *	75	215	1,050	1,600		4	15	8	12		55	19
Yemen.....	135		65	155	460							2	3

\* Other token deliveries of military equipment have been made by Communist countries to Burma, Laos, Nepal, and Sudan. Data do not reflect attrition or equipment originating in Communist countries but delivered by non-Communist countries—except in the case of Cyprus and the United Arab Republic.

<sup>b</sup> Amphibious.

<sup>c</sup> Armored and amphibious.

<sup>d</sup> Including auxiliary vessels and landing craft.

<sup>e</sup> Including 60 heavy and 1,350 medium tanks.



Table 70

Communist Major Deliveries of Aircraft and Guided Missile Systems to Less Developed Countries of the Free World, by Recipient <sup>a</sup>  
September 1955-December 1967

	Aircraft					Guided Missile Systems <sup>b</sup>				
	Medium Jet Bombers	Light Jet Bombers	Jet Fighters	Heavy Transports	Other <sup>c</sup>	Air-to-Surface <sup>d</sup>	Air-to-Air <sup>e</sup>	Surface-to-Air <sup>f</sup>	Surface-to-Surface <sup>g</sup>	Anti-tank <sup>h</sup>
<b>Africa</b>										
Algeria.....		32	108	7	63		20	1	9	
Congo (Brazzaville).....					2					
Ghana.....					5					
Guinea.....			2		23					
Mali.....			3		18					
Morocco.....			12		5					
Nigeria.....			8		10					
Somalia.....			11		3		3			
Tanzania.....					1					
Uganda.....					6					
<b>Far East</b>										
Cambodia.....			14		14					
Indonesia.....	26	28	112	6	258	12	26	8	12	
<b>Near East and South Asia</b>										
Afghanistan.....		35	157	1	94		32	1		24
Cyprus.....										
India.....			54	40	143		50	17		
Iraq.....	10	15	138	8	89		46	1		28
Pakistan.....		12	70		1					
Syria.....		6	165		77		43		4	
United Arab Republic.....	32	72	632	25	346	6	196	34	20	
Yemen.....		6	24		55					

<sup>a</sup> Other broken deliveries of military equipment have been made by Communist countries to Burma, Laos, Nepal, and Sudan. Data do not reflect attrition or equipment originating in Communist countries but delivered by non-Communist countries—except in the case of Cyprus, the United Arab Republic, and the SAM battalion mentioned in footnote k below.

<sup>b</sup> Data reflect numbers of aircraft, ships, and vehicles having missile capability.

<sup>c</sup> Including nonjet combat aircraft, trainers, transports, and helicopters.

<sup>d</sup> Number of TU-16 aircraft equipped with ASM's (two per aircraft).

<sup>e</sup> Number of fighter aircraft equipped with AAM's (two to four per aircraft).

<sup>f</sup> Number of SAM firing battalions, or sites (six launchers per site, four missiles per launcher).

<sup>g</sup> Ship launched. These data constitute the number of *Komar*- and *Osa*-class ships equipped with SSM's (two to four per ship).

<sup>h</sup> Number of vehicles used as launchers (three missiles per vehicle).

<sup>i</sup> An undetermined number of SAM's have been received.

<sup>j</sup> SAM support equipment has been received, but no missiles have been delivered.

<sup>k</sup> Equipment for one SAM firing battalion originally delivered has been resold to the United Arab Republic.

Table 71  
 Communist Major Military Equipment Delivered to Less Developed Countries of the Free World, by Recipient  
 1967

	Land Armaments			Naval Ships			Aircraft			Guided Missile Systems <sup>a</sup>	
	Tanks	Self-Propelled Assault Guns	Personnel Carriers <sup>b</sup>	Artillery Pieces	Mine-sweepers and Submarine Chasers	Motor Torpedo and Missile Boats	Jet Bombers	Jet Fighters	Heavy Transports and Other	Air-to-Air <sup>c</sup>	Surface-to-Surface <sup>d</sup>
<b>Africa</b>											
Algeria.....	25 <sup>e f</sup>	1	70 <sup>f</sup>	1 <sup>f</sup>	3 <sup>g</sup>	3	6 <sup>f h</sup>	25 <sup>f</sup>	9		3
Congo (Brazzaville).....									1		
Guinea.....	4 <sup>i</sup>								4		
Morocco.....	40 <sup>e</sup>		74								
Nigeria.....			3	10				8	10		
Somalia.....											
Tanzania.....											
Uganda.....				24							
<b>Near East and South Asia</b>											
Afghanistan.....				97				8	1 <sup>j</sup>		8
India.....	30 <sup>e</sup>			42				4	17		
Iran.....			20	24							
Iraq.....	120 <sup>e</sup>										
Pakistan.....								46	4		12
Syria.....	123 <sup>k</sup>		50	175					1		
United Arab Republic..	250 <sup>e l</sup>		50 <sup>l</sup>	200 <sup>l</sup>	2 <sup>m</sup>	8	28 <sup>l n</sup>	200 <sup>l</sup>	37		3

<sup>a</sup> Data reflect numbers of aircraft and ships having missile capability.  
<sup>b</sup> Armored and amphibious.  
<sup>c</sup> Number of fighter aircraft equipped with AAM's (two to four per aircraft).  
<sup>d</sup> Ship launched. These data constitute the number of *Komar*- and *Osa*-class ships equipped with SSM's (two to four per ship).  
<sup>e</sup> Medium tanks.  
<sup>f</sup> Excluding some equipment transferred to the United Arab Republic in June 1967.  
<sup>g</sup> Submarine chasers.  
<sup>h</sup> Light jet bombers.  
<sup>i</sup> Light amphibious tanks.  
<sup>j</sup> Heavy transport.  
<sup>k</sup> Including 100 medium and 23 light tanks.  
<sup>l</sup> Including some equipment transferred from Algeria in June 1967.  
<sup>m</sup> Minesweepers.  
<sup>n</sup> Including six medium and 22 light bombers.

Table 72

Academic, Technical, and Military Trainees • Departing from Less Developed Countries of the Free World for Training  
in Communist Countries, by Area of Destination  
Total for 1956-60 and 1961-67

	Total for 1956-60 <sup>b</sup>	1961	1962	1963	1964	1965	1966	1967
Total trainees.....	12,400	7,945	10,760	8,865	8,005	6,260	4,700	4,145
USSR and Eastern Europe.....	11,725	7,765	10,580	8,765	7,815	6,130	4,510	4,030
Communist China.....	675	180	180	100	190	130	190	115
Academic trainees.....	4,495	3,355	5,735	3,900	3,035	2,030	1,855	1,695
USSR and Eastern Europe.....	4,275	3,260	5,565	3,825	2,955	1,970	1,855	1,695
Communist China.....	220	95	170	75	80	60	0	0
Technical trainees.....	3,325	1,115	1,010	1,420	2,590	1,500	1,285	1,245
USSR and Eastern Europe.....	2,870	1,030	1,000	1,395	2,565	1,465	1,205	1,220
Communist China.....	455	85	10	25	25	35	80	25
Military trainees.....	4,580	3,475	4,015	3,545	2,380 <sup>c</sup>	2,730	1,560	1,205
USSR and Eastern Europe.....	4,580	3,475	4,015	3,545	2,295	2,695	1,450	1,115
Communist China.....	0	0	0	0	85 <sup>c</sup>	35	110	90

<sup>a</sup> Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

<sup>b</sup> Data for military trainees are for 1955-60.

<sup>c</sup> Including 15 persons sent to North Korea for military training.

Table 73

Communist Economic and Military Technicians <sup>a</sup> in Less Developed Countries of the Free World, by Country  
1967

	Economic Technicians				Military Technicians		
	Total	USSR	Eastern Europe	Communist China	Total	USSR and Eastern Europe	Communist China
<b>Total</b> .....	<b>21,855</b>	<b>11,045</b>	<b>6,245</b>	<b>4,565</b>	<b>6,065</b>	<b>5,785</b>	<b>280</b>
<b>Africa</b> .....	<b>10,880</b>	<b>3,810</b>	<b>3,990</b>	<b>3,080</b>	<b>1,540</b>	<b>1,410</b>	<b>130</b>
Algeria.....	2,235	1,480	695	60	850	850	.....
Cameroon.....	5	5	.....	.....	.....	.....	.....
Chad.....	5	5	.....	.....	.....	.....	.....
Congo (Brazzaville).....	300	160	.....	140	30	5	25
Ethiopia.....	460	380 <sup>b</sup>	80	.....	.....	.....	.....
Ghana.....	70	.....	70	.....	.....	.....	.....
Guinea.....	1,670	400	270	1,000 <sup>c</sup>	65	65	.....
Kenya.....	40	30	10	.....	.....	.....	.....
Libya.....	950	50	900	.....	.....	.....	.....
Mali.....	1,820	355	80	1,385 <sup>d</sup>	145	105	40
Mauritania.....	40	.....	.....	40	.....	.....	.....
Morocco.....	230	70	160	.....	15	15	.....
Niger.....	35	.....	5	30	.....	.....	.....
Nigeria.....	120	15	105	.....	60	60	.....
Sierra Leone.....	15	15	.....	.....	.....	.....	.....
Somalia.....	455	370	30	55	250	250	.....
Sudan.....	125	100	25	.....	.....	.....	.....
Tanzania.....	470	15	110	345 <sup>e</sup>	90	35	55
Tunisia.....	1,765	315	1,445 <sup>f</sup>	5	.....	.....	.....
Uganda.....	35	25	5	5	35	25	10
Zambia.....	35	20	.....	15	.....	.....	.....
<b>Far East</b> .....	<b>910</b>	<b>230</b>	<b>100</b>	<b>580</b>	<b>95</b>	<b>55</b>	<b>40</b>
Burma.....	500	40	10	450 <sup>g</sup>	.....	.....	.....
Cambodia.....	265	90	45	130	70	30	40
Indonesia.....	145	100	45	.....	25	25	.....
<b>Latin America</b> .....	<b>120</b>	<b>15</b>	<b>105</b>	.....	.....	.....	.....
Argentina.....	25	.....	25	.....	.....	.....	.....
Brazil.....	70	.....	70	.....	.....	.....	.....
Chile.....	10	10	.....	.....	.....	.....	.....
Mexico.....	10	5	5	.....	.....	.....	.....
Uruguay.....	5	.....	5	.....	.....	.....	.....
<b>Near East and South Asia</b> .....	<b>9,945</b>	<b>6,990</b>	<b>2,050</b>	<b>905</b>	<b>4,430</b>	<b>4,320</b>	<b>110</b>
Afghanistan.....	1,090	1,000	30	60	525	525	.....
Ceylon.....	150	85	50	15	.....	.....	.....
India.....	3,030	1,500	530	.....	325	325	.....
Iran.....	1,285	1,000	285	.....	20	20	.....
Iraq.....	900	500	400	.....	200	200	.....
Kuwait.....	35	20	15	.....	.....	.....	.....
Nepal.....	525	100	.....	425	.....	.....	.....
Pakistan.....	150	140	.....	10	115	10	105
Syria.....	760	545	200	15	1,100	1,100	.....
Turkey.....	20	20	.....	.....	.....	.....	.....
United Arab Republic.....	2,020	1,600	405	15	2,000	2,000	.....
Yemen.....	980	480	135	365	145	140	5

<sup>a</sup> Rounded to the nearest five persons. Data are minimum estimates of the number of persons present for a period of one month or more. Persons engaged solely in commercial activities are excluded.

<sup>b</sup> The number was reduced to 120 by the end of 1967 as Ethiopians replaced Soviet technicians at completed oil refinery at Assab.

<sup>c</sup> The number was reduced to 600 by the end of 1967 with the departure of 400 Chinese technicians as the Kinkon dam project neared completion.

<sup>d</sup> Including 35 North Vietnamese and 45 North Korean personnel.

<sup>e</sup> Including five North Koreans.

<sup>f</sup> The number was reduced to 1,195 by the end of 1967 with the departure of 250 Bulgarian technicians as the sports stadium neared completion.

<sup>g</sup> All Chinese technicians were withdrawn from Burma during November.

Table 74

Production of Sulfuric Acid <sup>a</sup>  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	25,900*	31,000*	33,000*	35,000*	38,200*	41,000*	44,900*	45,400*			
US <sup>c</sup> .....	14,746*	16,223*	17,872*	18,993*	20,796*	22,544*	25,834*	25,594*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe... <sup>d</sup>	5,480*	7,890*	9,280*	10,300*	11,500*	12,800*	13,900*	14,100*			
USSR.....	3,798*	5,398*	6,132*	6,885*	7,647*	8,518*	9,367*	9,470*			
Eastern Europe.....	1,680*	2,500*	3,150*	3,430*	3,880*	4,230*	4,490*	4,670*			
Bulgaria.....	19*	123*	247*	269*	291*	318*	353*	360*			
Czechoslovakia.....	383*	553*	643*	725*	893*	933*	982*	1,004*			
East Germany.....	592*	730*	861*	919*	937*	985*	977*	990*			
Hungary <sup>d</sup> .....	144*	178*	224*	283*	340*	394*	418*	424*			
Poland.....	450*	685*	852*	888*	1,001*	1,062*	1,139*	1,213*			
Rumania.....	92*	226*	326*	343*	417*	541*	619*	679*			
Far East											
Communist China.....	375*	1,350*	1,100	1,500	2,000	2,200	2,300	N.A.			
North Korea.....	28*	255*	316*	321*	N.A.	N.A.	N.A.	N.A.			
North Vietnam.....	0*	0	14	28	36	N.A.	N.A.	N.A.			
Other											
Albania.....	0	0	0	0	0	0	2	87			
Cuba.....	N.A.	44	110	133	197	202	230	230			
Yugoslavia.....	73*	130*	286*	391*	472*	435*	542*	592*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium... ..	1,143*	1,423*	1,396*	Greece.....	118*	81*	151* <sup>e</sup>	Portugal.....	228*	320*	401*
Canada... ..	862*	1,517*	2,496*	Italy.....	1,943*	2,299*	3,515*	Turkey.....	18*	23*	25* <sup>e</sup>
Denmark... ..	172*	198*	239* <sup>e</sup>	Netherlands..	679*	860*	1,170*	UK.....	2,131*	2,772*	3,228*
France... ..	1,472*	2,046*	3,220*	Norway.....	78*	100*	134* <sup>e</sup>	West Germany..	2,279*	3,170*	3,781* <sup>e</sup>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Pure (monohydrate) sulfuric acid (100 percent H<sub>2</sub>SO<sub>4</sub>).<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Including appreciable amounts produced in government-owned privately operated plants.<sup>d</sup> Including oleum for all years except 1967.<sup>e</sup> Data are for 1966 and are included in the NATO total for 1967.<sup>f</sup> Data are for 1965 and are included in the NATO totals for 1966-67.<sup>g</sup> Including data for West Berlin, for which separate data are not available.

Table 75

Production of Synthetic Ammonia <sup>a</sup>  
 1955, 1960, and 1962-67

Thousand Metric Tons of Nitrogen

	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	4,720* <sup>c</sup>	7,320* <sup>d</sup>	9,060*	10,000*	11,300*	12,700*	14,400*	N.A.*
US <sup>e</sup> .....	2,426*	3,595*	4,335*	4,986*	5,696*	6,500*	7,926*	8,877*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	1,200	2,080	2,720	3,220	3,720	4,690	5,430	6,500
USSR.....	619	1,067	1,564	1,939	2,211	2,852	3,279	3,868
Eastern Europe.....	581	1,010	1,150	1,280	1,510	1,830	2,150	2,630
Bulgaria.....	41*	111*	127*	144*	283*	338*	375*	424
Czechoslovakia.....	41	130	137	145	150	226	258	252
East Germany.....	335*	393*	404*	412*	418*	439*	449*	542
Hungary.....	18*	67*	84*	93*	109*	173*	214*	241
Poland.....	137*	284*	341*	371*	407*	440*	518*	663
Rumania.....	9*	29*	58*	113*	144	218*	336*	507
Far East								
Communist China.....	72	378	375	490	N.A.	N.A.	905	N.A.
North Korea.....	6	111	136	136	N.A.	N.A.	N.A.	N.A.
Other								
Yugoslavia.....	2	2	9	37	51	55	59	60

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium...	209*	319*	403*	Italy.....	349*	724*	1,096*	Portugal.....	N.A.*	40*	143*
Canada....	N.A.*	N.A.*	669*	Netherlands...	320*	410*	738*	Turkey.....	0*	0*	36* <sup>f</sup>
France....	433*	724*	1,282*	Norway.....	174*	265*	361* <sup>f</sup>	West Germany.	806*	1,242*	1,731*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, nitrogen content of synthetic ammonia.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding data for Canada and Portugal.

<sup>d</sup> Excluding data for Canada.

<sup>e</sup> Synthetic anhydrous (commercial grade). To convert to actual production of synthetic ammonia, multiply by 1.2158.

<sup>f</sup> Data are for 1965 and are included in the NATO total for 1966.

Table 76

Production of Caustic Soda \*  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	5,150*	6,890*	7,630*	8,240*	9,110*	9,680*	10,800*	N.A.*			
US.....	3,552*	4,511*	4,977*	5,274*	5,796*	6,166*	6,910*	7,159*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	992*	1,420*	1,770*	1,880*	2,050*	2,250*	2,420*	2,610			
USSR.....	518*	704*	884*	905*	1,061*	1,199*	1,282*	1,403*			
Eastern Europe.....	474*	717*	883*	918*	987*	1,050*	1,140*	1,210			
Bulgaria.....	2*	17*	18*	20*	29*	32*	37*	40*			
Czechoslovakia.....	82*	115*	142*	144*	147*	158*	176*	186			
East Germany.....	257*	327*	355*	356*	365*	364*	381*	389*			
Hungary.....	12*	17*	24*	40*	45*	50*	52*	56*			
Poland.....	98*	107*	188*	192*	205*	215*	238*	275*			
Rumania.....	23*	74*	156*	166*	196*	233*	252*	263*			
Far East											
Communist China.....	137*	450*	340	350	N.A.	N.A.	N.A.	N.A.			
North Korea.....	3*	25*	32*	43*	55	N.A.	N.A.	N.A.			
Other											
Cuba.....	2	2	1	1	1	2	2	2			
Yugoslavia.....	31*	48*	54*	70*	76*	88*	91*	87*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium.....	42*	50*	115*	Greece.....	1*	1*	2* <sup>d</sup>	Portugal.....	12*	23*	34* <sup>e</sup>
Canada.....	205*	338*	704*	Italy.....	249*	426*	713*	Turkey.....	1*	3*	2* <sup>d</sup>
Denmark.....	2*	4*	6* <sup>d</sup>	Netherlands...	60*	118*	179* <sup>e</sup>	West Germany..	556*	776*	1,303*
France.....	435*	597*	762*	Norway.....	35*	46*	67*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Pure caustic soda (100 percent NaOH), including tonnage not commercialized but used on the spot for processing.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including regenerated caustic soda.

<sup>d</sup> Data are for 1965 and are included in the NATO total for 1966.

<sup>e</sup> Data are for 1964 and are included in the NATO totals for 1965-66.

Table 77

Production of Mineral Fertilizer, Nutrient Content <sup>a</sup>  
 1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	14,400*	18,700*	21,100*	23,700*	25,590*	28,000*	N.A.*	N.A.*
US.....	5,943*	7,410*	8,838*	9,930*	10,633*	11,930*	13,193*	14,313*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	4,680*	6,420*	7,600*	8,420*	10,100*	11,900*	13,300*	14,800
USSR.....	2,299*	3,281*	4,078*	4,647*	6,009*	7,389*	8,438*	9,400*
Eastern Europe.....	2,380*	3,140*	3,530*	3,770*	4,080*	4,520*	4,890*	5,400
Bulgaria.....	31*	124*	164*	172*	296*	340*	389*	445
Czechoslovakia.....	159*	287*	334*	357*	399*	477*	512*	519*
East Germany.....	1,848*	2,080*	2,179*	2,290*	2,296*	2,409*	2,450*	2,580*
Hungary.....	41*	102*	146*	168*	192*	265*	298*	340*
Poland.....	286*	477*	573*	600*	673*	738*	826*	975*
Rumania.....	11*	71*	131*	185*	219*	293*	419*	537*
Far East								
Communist China.....	85	494	410	570	680	880	1,080	980
North Korea.....	17	133	171	184	165	157	N.A.	N.A.
North Vietnam.....	0*	9	13	22	25	N.A.	N.A.	N.A.
Other								
Albania.....	0	0	0	0	0	0	2	55
Cuba.....	N.A.	14	12	12	10	N.A.	N.A.	N.A.
Yugoslavia.....	34*	59*	123*	209*	270*	241*	286*	306*

Other NATO Countries

	1955	1960	1965	1955	1960	1965	1955	1960	1965		
Belgium.....	531*	567*	811*	Iceland.....	7*	7*	8*	Portugal.....	95*	120*	204* °
Canada.....	322*	496*	2,376*	Italy.....	799*	1,110*	1,590*	Turkey.....	10*	7*	70*
Denmark.....	86*	79*	124*	Luxembourg...	115*	128*	130*	UK.....	679*	841*	1,086*
France.....	2,262*	3,021*	3,762*	Netherlands...	447*	658*	765*	West Germany.	2,880*	3,897*	4,610*
Greece.....	37*	55*	130*	Norway.....	212*	326*	424*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Nitrogen fertilizer (in terms of nitrogen), phosphorous fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).

<sup>b</sup> The years for the NATO data are "fertilizer years"—that is, in general, the year beginning 1 July of the stated year.

° Data are for 1964/65 and are included in the NATO total for 1965.



ALL DATA IN THESE TABLES ARE UNCLASSIFIED

Table 78

Production of Mineral Fertilizer in the US and the USSR  
1955, 1960, and 1962-67  
(In Terms of Soviet Statistical Reporting Units <sup>a</sup>)

	Thousand Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	25,851	32,320	38,770	43,835	47,357	53,781	59,616	65,931
USSR .....	9,669	13,867	17,258	19,935	25,562	31,253	35,866	40,100

<sup>a</sup> Soviet production of fertilizer is usually reported as follows: nitrogen fertilizer on the basis of fertilizer containing 20.5 percent nitrogen, potassium fertilizer on the basis of 41.6 percent potassium oxide, and most types of phosphorous fertilizer on the basis of 18.7 percent phosphoric anhydride. In addition, total production includes an insignificant quantity of microfertilizer.

<sup>b</sup> Data are based on US production given in pure nutrients and recomputed to conform to the Soviet method for expressing production. The years for US data represent "fertilizer years"—that is, the year beginning 1 July of the stated year.

Table 79

Production of Plastics in the US and the USSR <sup>a</sup>  
1955, 1960, and 1962-67

	Thousand Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	1,762	2,851	3,674	4,068	4,583	5,300	6,163	6,563
USSR .....	160	312	452	567	699	803	974	1,112

<sup>a</sup> Because of differences in definition and product mix, Soviet and US data on plastics are not strictly comparable. For the overall category of plastics, however, there is enough similarity to permit broad comparisons.

<sup>b</sup> Dry basis, excluding water, solvents, and other liquid diluents.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED  
CLASSIFIED MATERIAL ON THE REVERSE

Table 80

Production of Natural Rubber in Selected Countries  
1955, 1960, and 1962-67

	Thousand Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
Cambodia.....	27.8*	37.1*	41.6*	40.8*	45.8*	48.9*	51.3*	53.7*
Ceylon.....	95.3*	98.8*	104.0*	104.8*	111.6*	118.3*	131.0*	143.2*
India.....	22.8*	25.2*	31.4*	37.2*	44.2*	49.4*	53.2*	62.2*
Indonesia <sup>a</sup> .....	748.9*	620.2*	681.6*	582.3*	648.7*	717.0*	715.7*	762.0*
Malaysia <sup>b</sup> .....	709.3*	792.6*	830.5*	868.0*	907.1*	950.5*	1,002.4*	1,000.0*
South Vietnam.....	66.3*	76.6*	75.2*	71.8*	74.4*	61.0*	48.8*	42.4*
Thailand <sup>a</sup> .....	132.3*	170.9*	195.4*	189.8*	221.7*	216.5*	207.2*	208.8*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Exports plus estimated consumption.

<sup>b</sup> Including data for Malaya and Singapore, Sarawak, and Sabah.

Table 81

Production of Synthetic Rubber  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>a</sup> .....	1,100*	1,890*	2,180*	2,330*	2,640*	2,780*	3,000*	2,980*			
US.....	986*	1,459*	1,600*	1,634*	1,793*	1,842*	2,002*	1,943*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	313	455	579	601	687	765	830	925			
USSR.....	240	347	455	467	514	570	627	690			
Eastern Europe.....	73	108	124	134	173*	195*	203*	235*			
Czechoslovakia.....	1	1	1	2	20*	30*	30*	34*			
East Germany.....	72* <sup>b</sup>	87*	90*	90*	94*	95*	101*	110*			
Poland.....	0*	20*	33*	36*	40*	39*	37*	40*			
Rumania.....	0*	0*	0*	0*	19*	31*	35*	51*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	0*	0*	20*	Italy.....	0*	67*	132*	UK.....	0*	92*	202*
Canada.....	106*	162*	200*	Netherlands...	0*	12*	127*	West Germany.	11*	81*	173*
France.....	0*	17*	186*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Including Pervinan and Plastikator.

SECRET

Table 82

Production of Rubber Tires <sup>a</sup> in the US and Selected Communist Countries  
1955, 1960, and 1962-67

	Thousand Units							
	1955	1960	1962	1963	1964	1965	1966	1967
US.....	116,004*	123,059*	137,643*	142,893*	162,451*	172,532*	183,229*	163,050*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	13,500*	23,400*	28,400*	30,600*	33,900*	37,100*	39,300*	41,900*
USSR.....	10,190*	17,225*	20,846*	22,563*	24,361*	26,434*	27,656*	29,600*
Eastern Europe.....	3,300*	6,160*	7,590*	8,030*	9,520*	10,600*	11,600*	12,300*
Bulgaria.....	72*	196*	328*	338*	385*	349*	375* <sup>b</sup>	365* <sup>b</sup>
Czechoslovakia <sup>c</sup> .....	899*	1,324*	1,596*	1,594*	1,586*	1,792*	1,994*	2,068*
East Germany <sup>d</sup> .....	1,439*	2,714*	3,091*	3,178*	3,261*	3,750*	3,930*	4,365*
Hungary <sup>b</sup> .....	245*	336*	417*	418*	505*	581*	643*	699*
Poland.....	469* <sup>e</sup>	1,233* <sup>e</sup>	1,572* <sup>e</sup>	1,524* <sup>e</sup>	2,491*	2,818*	3,031*	3,082*
Rumania <sup>f</sup> .....	180*	352*	590*	976*	1,290*	1,329*	1,640*	1,760*
Far East								
Communist China.....	593*	1,800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Other								
Cuba.....	101	341	391	363	450	197	306	400
Yugoslavia <sup>g</sup> .....	87*	391*	517*	733*	932*	954*	1,613*	1,578*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.<sup>b</sup> Excluding motorcycle tires.<sup>c</sup> Excluding motorcycle and bus tires and, for 1966-67, tractor tires.<sup>d</sup> Including solid rubber tires.<sup>e</sup> Excluding motorcycle, tractor, and agricultural tires.<sup>f</sup> Including aircraft tires.<sup>g</sup> Automobile, motorcycle, and aircraft tires only.

SECRET

Table 83

Production of Primary Energy <sup>a</sup>  
 1955, 1960, and 1962-67

	Million Metric Tons of Coal Equivalents										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	<b>1,980*</b>	<b>2,130*</b>	<b>2,240*</b>	<b>2,340*</b>	<b>2,430*</b>	<b>2,480*</b>	<b>2,570*</b>	<b>2,680*</b>			
US.....	1,319.3*	1,429.3*	1,508.5*	1,589.7*	1,658.2*	1,714.6*	1,810.5*	1,911.5*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	<b>666</b>	<b>937</b>	<b>1,060</b>	<b>1,130*</b>	<b>1,210*</b>	<b>1,270*</b>	<b>1,340</b>	<b>1,400</b>			
USSR.....	435.5*	662.7*	763.0*	821.4*	883.2*	948.3*	1,007.1*	1,067.5*			
Eastern Europe.....	<b>231</b>	<b>275</b>	<b>300</b>	<b>312*</b>	<b>323*</b>	<b>326*</b>	<b>333</b>	<b>334</b>			
Bulgaria.....	4.5*	7.7*	8.2*	8.7*	9.0*	9.4*	9.6*	10.3*			
Czechoslovakia.....	36.5*	50.9*	57.1*	59.2*	60.1*	58.9*	61.0*	58.2*			
East Germany.....	65.6	73.6	80.2	82.4*	83.2*	81.4*	80.8	78.6			
Hungary.....	13.9*	14.8*	16.2*	17.4*	18.0*	18.3*	18.3*	17.9*			
Poland.....	83.8*	93.5*	98.8*	103.2*	108.6*	110.9*	114.3*	116.0*			
Rumania.....	26.7*	34.2*	39.1*	41.6*	43.7*	46.8*	49.4*	52.8*			
Far East											
Communist China.....	94.7	209.1	152.0	172.0	186.6	201.6	209.0	183.2			
North Korea.....	4.4*	14.1*	17.7*	18.6*	19.3*	21.2*	21.5	25.2			
North Vietnam.....	0.6	2.4	3.2	3.1	3.2	3.7	3.8	N.A.			
Other											
Albania.....	0.4*	1.1*	1.3*	1.2*	1.2*	1.4	1.5	1.6			
Yugoslavia.....	9.6*	15.5*	17.3*	19.2*	20.2*	21.3*	21.4*	20.8*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium <sup>c</sup> .....	30.1*	22.6*	16.6*	Iceland.....	0.2*	0.3*	0.4*	Portugal.....	1.4*	2.2*	3.4*
Canada.....	82.5*	120.1*	209.7*	Italy.....	23.4*	37.7*	46.5*	Turkey.....	4.3*	5.3*	10.0*
Denmark.....	0.3*	0.8*	0.5*	Netherlands...	13.5*	15.5*	20.7*	UK.....	226.3*	199.8*	182.8*
France.....	72.1*	86.2*	83.2*	Norway.....	12.7*	17.4*	29.4*	West Germany..	188.7*	188.7*	161.9*
Greece.....	0.6*	1.5*	2.2*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for coal, crude oil, natural gas, and hydroelectric power expressed in terms of coal equivalents (calorific value of 7,000 kilocalories per kilogram), and exclude minor fuels such as peat, shale, and fuelwood.

<sup>b</sup> The following coefficients were used to convert the sources of primary energy into hard coal equivalents: coal (metric tons), 1.0; brown coal and lignite (metric tons), 0.29; crude oil (metric tons), 1.3; crude natural gasoline (metric tons), 1.5; natural gas (1,000 cubic meters), 1.33; and hydroelectricity (1,000 kilowatt-hours), 0.55. Production of geothermal and nuclear electric power is included at the same ratio as hydroelectricity.

<sup>c</sup> Including data for Luxembourg.

Table 84

Production of Hard Coal \*  
1955, 1960, and 1962-67

Million Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967	
NATO COUNTRIES <sup>b</sup> .....	931*	836*	836*	866*	894*	898*	889*	880*	
US.....	442.4*	391.5*	395.5*	430.4*	454.7*	475.3*	492.6*	506.7*	
COMMUNIST COUNTRIES									
USSR and Eastern Europe...	401*	516*	535*	549*	567*	588*	601*	610	
USSR.....	276.6*	374.9*	386.4*	395.1*	408.9*	427.9*	439.2*	447.0	
Eastern Europe.....	124*	141*	148*	154*	158*	160*	162*	162	
Bulgaria.....	0.3*	0.6*	0.6*	0.7*	0.6*	0.6*	0.5*	0.5*	
Czechoslovakia.....	20.6*	26.2*	27.1*	28.2*	28.2*	27.6*	26.7*	25.7*	
East Germany.....	2.7*	2.7*	2.6*	2.5*	2.3*	2.2*	2.0*	1.8*	
Hungary.....	2.7*	2.8*	3.3*	3.7*	4.1*	4.4*	4.4*	4.0*	
Poland.....	94.5*	104.4*	109.6*	113.2*	117.4*	118.8*	122.0*	123.9*	
Rumania.....	3.4*	4.5*	5.3*	5.7*	5.9*	6.0*	6.3*	6.6	
Far East									
Communist China <sup>c</sup> .....	98.3*	280.0	180.0	190.0	200.0	210.0	220.0	190.0	
North Korea.....	1.9*	6.8*	8.6*	9.2*	9.3*	12.4	14.0	16.9	
North Vietnam.....	0.6	2.6	3.5	3.3	3.4	4.0	4.1	N.A.	
Other									
Yugoslavia.....	1.2*	1.3*	1.2*	1.3*	1.3*	1.2*	1.1*	0.9*	
Other NATO Countries									
	1955	1960	1967	1955	1960	1967	1955	1960	1967
Belgium.....	30.0*	22.5*	16.4*	Netherlands... 11.9*	12.8*	8.1*	Turkey..... 3.5*	3.7*	5.0*
Canada.....	11.4*	8.0*	8.5*	Norway <sup>d</sup> ..... 0.3*	0.4*	0.4*	UK <sup>e</sup> ..... 225.2*	196.8*	174.9*
France.....	55.3*	56.0*	47.6*	Portugal..... 0.4*	0.4*	0.4*	West Germany <sup>f</sup> 149.1*	143.3*	111.0*
Italy.....	1.1*	0.7*	0.4*						
Other Free World Countries									
	1955	1960	1967	1955	1960	1967	1955	1960	1967
Australia <sup>g</sup> .....	19.6*	22.9*	35.7*	Japan..... 42.4*	51.1*	47.5*	Spain..... 12.4*	13.8*	11.8*
India.....	38.8*	52.6*	69.2*						

\* An asterisk indicates that the data are unclassified.  
 a Unless otherwise indicated, data are for anthracite and bituminous coal.  
 b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."  
 c Including a negligible amount of brown coal.  
 d Data are for Norwegian mines in Svalbard only.  
 e Excluding data for Northern Ireland.  
 f Including low-quality coal at its hard-coal equivalent.  
 g Including waste.

Table 85

Production of Brown Coal and Lignite  
1955, 1960, and 1962-67

	Million Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>a</sup> .....	101*	111*	118*	123*	128*	121*	117*	118*			
US.....	2.9*	2.5*	2.8*	2.5*	2.7*	2.8*	3.5*	4.0*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	392*	470*	507*	530*	553*	553*	550*	541			
USSR.....	113.3*	134.7*	131.0*	136.6*	145.1*	149.8*	146.4*	148.0*			
Eastern Europe.....	278*	336*	376*	394*	408*	403*	404*	393			
Bulgaria.....	9.1*	15.4*	19.1*	20.3*	23.8*	24.5*	24.6*	26.7*			
Czechoslovakia.....	40.4*	57.9*	68.8*	72.4*	74.5*	72.3*	72.4*	68.2			
East Germany.....	200.6*	225.5*	247.0*	254.2*	256.9*	250.8*	249.0*	241.9*			
Hungary.....	19.6*	23.7*	25.3*	26.8*	27.4*	27.1*	26.0*	23.9*			
Poland.....	6.0*	9.3*	11.1*	15.3*	20.3*	22.6*	24.5*	24.0*			
Rumania.....	2.8*	3.7*	4.3*	4.6*	5.2*	6.1*	7.1*	8.4			
Far East <sup>b</sup>											
North Korea <sup>c</sup> .....	1.3*	3.5*	4.3*	4.5*	4.8*	5.0*	5.5*	6.5			
Other											
Albania.....	0.2*	0.3*	0.3*	0.3*	0.3*	0.3*	0.4*	0.4			
Yugoslavia.....	14.1*	21.4*	23.5*	26.1*	28.3*	28.8*	28.2*	25.6*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Canada.....	2.1*	2.0*	1.8*	Greece.....	0.8*	2.5*	5.2*	Turkey.....	1.2* <sup>e</sup>	1.9*	3.6* <sup>d</sup>
Denmark....	0.8*	2.3*	1.8* <sup>d</sup>	Italy.....	0.4*	0.8*	2.2*	West Germany.	90.3*	96.1*	96.8*
France.....	2.1*	2.3*	2.9*	Portugal.....	0.1*	0.2*	<i>Negl.*</i>				
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Australia... 10.3*	15.2*	24.0*	Japan.....	1.4*	1.4*	0.4*	Spain.....	1.8*	1.8*	2.4*	
Austria.... 6.6*	6.0*	4.6*	New Zealand..	1.8*	2.2*	1.8*					

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Negligible production for Communist China is included in Table 84, p. 92.

<sup>c</sup> Including unknown amounts of hard coal.

<sup>d</sup> Data are for 1966 and are included in the NATO total for 1967.

<sup>e</sup> State-owned mines, only.

Table 86

Production of Metallurgical Coke <sup>a</sup>  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> . . . . .	159,000*	149,000*	139,000*	141,000*	152,000*	157,000*	153,000*	144,000*			
US . . . . .	68,313*	51,917*	47,092*	49,240*	56,377*	60,649*	61,146*	58,578*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe . . . . .	55,800*	73,100*	79,000*	82,900*	85,900*	87,900*	89,000*	90,600*			
USSR . . . . .	43,593*	56,233*	60,929*	63,873*	66,246*	67,500*	68,500*	69,900*			
Eastern Europe . . . . .	12,200*	16,900*	18,100*	19,100*	19,700*	20,400*	20,500*	20,700*			
Bulgaria <sup>c</sup> . . . . .	10*	20*	8*	128*	471*	733*	800*	800*			
Czechoslovakia . . . . .	5,460*	6,842*	7,348*	7,742*	7,952*	7,875*	7,732*	7,751*			
East Germany . . . . .	458*	1,008*	1,031*	1,042*	1,048*	1,051*	1,060*	1,070*			
Hungary <sup>d</sup> . . . . .	30*	499*	655*	660*	665*	642*	646*	649*			
Poland . . . . .	6,127*	7,712*	7,920*	8,360*	8,403*	8,928*	9,114*	9,300*			
Rumania . . . . .	144*	820*	1,119*	1,141*	1,146*	1,135*	1,103*	1,112*			
Far East											
Communist China <sup>e</sup> . . . . .	3,658*	25,000	6,615	6,780	7,139	7,788	9,735	9,100			
North Korea . . . . .	207*	817*	1,170*	1,200*	1,200*	N.A.	N.A.	N.A.			
North Vietnam . . . . .	0	N.A.	N.A.	N.A.	N.A.	100	100	N.A.			
Other											
Yugoslavia . . . . .	731*	1,083*	1,107*	1,090*	1,160*	1,253*	1,226*	1,206*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium . . . . .	6,600*	7,525*	6,841*	Italy . . . . .	2,954*	3,715*	6,193*	UK . . . . .	18,394*	19,136*	16,100*
Canada <sup>f</sup> . . . . .	3,369*	3,514*	4,018*	Netherlands <sup>g</sup> . . . . .	3,901*	4,517*	3,314*	West Ger-			
France <sup>h</sup> . . . . .	10,760*	13,635*	12,421*	Turkey . . . . .	547*	529*	1,120* <sup>i</sup>	many <sup>b</sup> . . . . .	44,460*	44,681*	35,258*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for oven and beehive coke and exclude breeze coke.

<sup>b</sup> Net production, excluding coke consumed by coking plants. NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Before 1963, data include foundry coke, not suitable for blast furnaces. Production in 1963-67 is believed to be primarily metallurgical coke.

<sup>d</sup> Data include 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.

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

<sup>f</sup> Beginning with 1960, data include breeze coke.

<sup>g</sup> Data are for 1966 and are included in the NATO total for 1967.

<sup>h</sup> Including electrode coke but excluding low-temperature coke.

Table 87

Production of Crude Oil <sup>a</sup>  
1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967			
<b>NATO COUNTRIES <sup>b</sup></b> .....	<b>359,000*</b>	<b>386,000*</b>	<b>409,000*</b>	<b>422,000*</b>	<b>430,000*</b>	<b>442,000*</b>	<b>470,000*</b>	<b>498,000*</b>			
US.....	335,744*	347,975*	361,658*	372,001*	376,609*	384,946*	409,164*	434,669*			
<b>COMMUNIST COUNTRIES</b>											
USSR and Eastern Europe...	<b>83,400*</b>	<b>161,000*</b>	<b>200,000*</b>	<b>221,000*</b>	<b>238,000*</b>	<b>258,000*</b>	<b>281,000</b>	<b>304,000</b>			
USSR.....	70,793*	147,859*	186,244*	206,069*	223,603*	242,888*	265,100*	288,000*			
Eastern Europe.....	<b>12,600*</b>	<b>13,200*</b>	<b>14,100*</b>	<b>14,600*</b>	<b>14,900*</b>	<b>15,200*</b>	<b>15,600</b>	<b>16,200</b>			
Bulgaria.....	150*	200*	199*	173*	160*	229*	404*	499*			
Czechoslovakia.....	107*	137*	177*	180*	195*	192*	190*	200			
East Germany.....	0*	<i>Negl.</i>	<i>Negl.</i>	<i>Negl.</i>	30*	60*	125	150			
Hungary.....	1,601*	1,217*	1,641*	1,756*	1,801*	1,803*	1,706*	1,686*			
Poland.....	180*	194*	202*	212*	282*	339*	400*	450*			
Rumania.....	10,555*	11,500*	11,864*	12,233*	12,395*	12,571*	12,825*	13,200*			
Far East											
Communist China <sup>c</sup> .....	966*	4,600	5,000	5,500	6,900	8,000	10,000	10,000			
Other											
Albania.....	208*	728*	785*	751*	764*	820*	900	1,000			
Cuba.....	<i>N.A.</i>	25*	43*	30*	37*	57*	69*	114*			
Yugoslavia.....	257*	944*	1,525*	1,611*	1,799*	2,064*	2,222*	2,374*			
<b>Other NATO Countries</b>											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Canada..	17,492*	25,634*	46,900*	Netherlands..	1,024*	1,918*	2,261*	UK.....	151*	146*	77* <sup>d</sup>
France..	885*	1,983*	2,832*	Turkey.....	179*	375*	2,040* <sup>d</sup>	West Germany.	3,147*	5,530*	7,927*
Italy....	204*	1,998*	1,691*								
<b>Other Free World Countries</b>											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Argentina..	4,365*	9,138*	16,418*	Kuwait.....	54,759*	81,867*	115,215*	Qatar....	5,438*	8,212*	15,479*
Colombia <sup>e</sup> ..	5,493*	7,584*	9,602*	Kuwait (neu-				Saudi Ara-			
Indonesia..	11,730*	20,596*	22,392* <sup>f</sup>	tral zone)..	1,294*	7,289*	22,618*	bia...	47,535*	62,068*	128,923*
Iran.....	16,356*	52,392*	128,761*	Mexico.....	12,786*	14,171*	21,200*	Venezuela.	113,041*	149,372*	185,361*
Iraq.....	33,241*	47,467*	60,082*								

\*An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The data for NATO include shale oil.

<sup>c</sup> Including synthetic crude oil.

<sup>d</sup> Data are for 1966 and are included in the NATO total for 1967.

<sup>e</sup> Including natural gasoline.

<sup>f</sup> Data are for 1966.



Table 88

Production of Petroleum Products \*  
1955, 1960, and 1962-67

	Million Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	454*	550*	614*	664*	718*	769*	825*	N.A.*			
US.....	338.7*	360.3*	373.3*	397.4*	412.9*	423.7*	441.0*	N.A.*			
COMMUNIST COUNTRIES <sup>c</sup>											
USSR and Eastern Europe...	76.2	136	165	181	194	210	225	245			
USSR <sup>d</sup> .....	60.7	116.1	141.5	155.9	164.8	176.8	190.0	207.0			
Eastern Europe.....	15.5	20.1	23.2	25.2	29.2	33.1	35.3	37.6			
Bulgaria.....	<i>Negl.</i>	0.1	0.1	0.5	1.9*	2.2*	2.7	3.1			
Czechoslovakia.....	1.0	2.6	3.8	4.3	5.0	5.8	6.0	7.0			
East Germany.....	2.1	3.1	3.7	4.2	5.1	6.0	7.0	7.5			
Hungary.....	1.6*	2.5*	3.1*	3.2*	3.6*	3.9*	4.1	4.3			
Poland.....	0.7*	0.8*	1.2*	1.4*	1.9*	3.4*	3.6*	3.7			
Rumania.....	10.1	11.0	11.3	11.6	11.7	11.8	11.9	12.0			
Far East											
Communist China.....	1.2	4.7	4.6	5.0	6.3	7.2	9.0	9.0			
Other											
Albania.....	0.1	0.3	0.4	0.4	0.5	0.5	0.5	0.6			
Cuba.....	0.7*	3.1*	3.2	3.3	3.1	3.2	3.6	3.6			
Yugoslavia.....	0.4*	1.3*	1.7*	1.8*	2.1*	2.9*	4.1*	4.5*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium.....	4.3*	6.6*	15.8*	Greece.....	<i>Negl.*</i>	1.6*	2.8*	Portugal.....	0.8*	1.3*	1.6*
Canada.....	24.3*	35.6*	45.6*	Italy.....	16.1*	29.0*	76.4*	Turkey.....	0.1*	0.3*	4.8*
Denmark.....	<i>Negl.*</i>	<i>Negl.*</i>	4.5*	Netherlands..	11.9*	18.5*	31.6*	UK.....	25.4*	40.9*	66.3*
France <sup>e</sup> .....	23.0*	29.8*	62.2*	Norway.....	0.1*	0.1*	3.0*	West Germany..	9.3*	26.2*	69.6*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for (where produced) gasoline, kerosine, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and asphalt.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data include products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.

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

<sup>e</sup> Before 1 April 1962, data include Algeria.

SECRET

FUELS AND POWER

Table 89

Production of Natural Gas <sup>a</sup>  
1955, 1960, and 1962-67

Million Cubic Meters

	1955	1960	1962	1963	1964	1965	1966	1967			
<b>NATO COUNTRIES <sup>b</sup></b> .....	<b>275,000*</b>	<b>384,000*</b>	<b>431,000*</b>	<b>461,000*</b>	<b>490,000*</b>	<b>512,000*</b>	<b>551,000*</b>	<b>589,000*</b>			
US <sup>c</sup> .....	266,331*	359,673*	390,810*	415,313*	437,842*	454,198*	487,239*	515,000*			
<b>COMMUNIST COUNTRIES <sup>d</sup></b>											
USSR and Eastern Europe...	<b>16,300*</b>	<b>57,600*</b>	<b>88,700*</b>	<b>107,000*</b>	<b>127,000*</b>	<b>148,000*</b>	<b>165,000*</b>	<b>182,000*</b>			
USSR <sup>e</sup> .....	8,981*	45,303*	73,525*	89,832*	108,566*	127,666*	143,000*	157,200*			
Eastern Europe.....	<b>7,290*</b>	<b>12,300*</b>	<b>15,200*</b>	<b>16,900*</b>	<b>18,500*</b>	<b>20,700*</b>	<b>22,400*</b>	<b>24,900*</b>			
Czechoslovakia.....	173*	1,294*	1,068*	998*	943*	850*	760*	700*			
East Germany.....	10*	26*	50*	101*	108*	133*	150*	200*			
Hungary.....	545*	342*	340*	611*	784*	1,108*	1,552*	2,044*			
Poland.....	393*	541*	791*	945*	1,180*	1,312*	1,290*	1,568*			
Rumania <sup>f</sup> .....	6,169*	10,142*	12,906*	14,262*	15,483*	17,281*	18,616*	20,400*			
Other											
Yugoslavia.....	55*	53*	95*	191*	274*	330*	402*	462*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Canada.....	4,269*	14,521*	47,300*	Italy.....	3,627*	6,447*	9,353*	West Germany <sup>g</sup> .....	240*	448*	3,720*
France.....	256*	2,846*	5,959*	Netherlands...	135*	330*	7,300*				
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Argentina...	719*	1,383*	4,800*	Mexico <sup>h</sup> .....	3,392*	9,665*	16,200*	Venezuela.....	2,748*	4,606*	7,400*
Japan.....	145*	676*	1,870*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data include only gas from natural gas wells and associated gas from petroleum fields.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They thus exclude gas used for repressuring, as well as gas flared, vented, or otherwise wasted, whether or not it has first been processed for the extraction of natural gasoline.<sup>c</sup> Data for the US are in terms of net marketed production and agree with the general definition for the NATO data. Data for the USSR are believed to refer to gross production less losses and waste. US gross production (less losses and waste), which would include gas returned to reservoirs in order to maintain horizon pressure (about 8 percent of gross production in 1966) would be as follows (in billion cubic meters):

1955	1960	1962	1963	1964	1965	1966
310	411	442	470	484	500	529

A much smaller share of total production in the USSR is believed to be used for repressuring.

<sup>d</sup> Gross production.<sup>e</sup> Including methane (dry) gas and wet gas from petroleum fields.<sup>f</sup> Before 1962, production from gasfields only.<sup>g</sup> Including gas used for repressuring and gas wasted.

SECRET

97

Table 90

Production of Electric Power \*  
1955, 1960, and 1962-67

Billion Kilowatt-Hours

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	1,070*	1,470*	1,660*	1,780*	1,920*	2,050*	2,200*	2,310*			
US.....	667.62*	893.72*	1,001.43*	1,074.61*	1,151.52*	1,229.64*	1,328.21*	1,395.91*			
Of which: hydro.....	116.24*	149.12*	171.69*	168.99*	180.30*	196.98*	197.90*	223.42*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe....	244*	406*	504*	555*	616*	677*	730*	789*			
USSR.....	170.22*	292.27*	369.28*	412.42*	458.90*	506.71*	544.60*	589.00*			
Of which: hydro.....	23.16*	50.91*	71.94*	75.86*	77.36*	81.43*	91.80*	100.00*			
Eastern Europe.....	73.8*	114*	134*	143*	157*	170*	185*	200*			
Bulgaria.....	2.07*	4.66*	6.04*	7.18*	8.70*	10.24*	11.76*	13.60*			
Czechoslovakia.....	15.01*	24.45*	28.73*	29.86*	31.98*	34.20*	36.53*	38.60*			
East Germany.....	28.70*	40.30*	45.06*	47.45*	51.03*	53.61*	56.87*	59.70*			
Hungary.....	5.43*	7.62*	9.12*	9.66*	10.58*	11.18*	11.86*	12.48*			
Poland.....	17.75*	29.31*	35.38*	36.96*	40.61*	43.77*	47.36*	51.20*			
Rumania.....	4.34*	7.65*	10.09*	11.68*	13.85*	17.22*	20.81*	24.77*			
Far East											
Communist China.....	12.28*	47*	30*	33*	36*	40	42	38			
North Korea.....	3.14*	9.14*	11.44*	11.77*	12.50*	13.26	12.50	14 °			
North Vietnam.....	0.05*	0.26*	0.37*	0.46*	0.55*	0.60	0.55	0.40			
Other											
Albania.....	0.08*	0.19*	0.24*	0.26*	0.29*	0.32*	0.40*	0.57*			
Cuba.....	1.87*	2.98*	2.97*	3.03*	3.18*	3.38*	3.70*	4.00*			
Yugoslavia.....	4.34*	8.96*	11.27*	13.54*	14.19*	15.52*	17.17*	18.70*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	11.72*	15.15*	23.93*	Iceland.....	0.41*	0.55*	0.70*	Portugal.....	1.89*	3.26*	6.01*
Canada.....	83.13*	115.02*	168.64*	Italy.....	38.12*	56.24*	97.07*	Turkey.....	1.58*	2.82*	6.30*
Denmark.....	4.17*	5.57*	10.22*	Luxembourg..	1.19*	1.57*	2.53*	UK.....	94.08*	136.97*	209.50*
France.....	51.53*	75.01*	115.83*	Netherlands..	11.19*	16.52*	30.05*	West Germany..	78.86*	116.42*	185.32* <sup>d</sup>
Greece.....	1.39*	2.29*	6.57*	Norway.....	22.70*	31.14*	52.90*				
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
India.....	10.88*	20.12* <sup>e</sup>	44.00*	Spain.....	11.92*	18.61*	40.01*	Sweden.....	24.72*	34.72*	53.84*
Japan.....	63.60*	111.49*	236.80*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are for total (gross) production at generating centers and therefore include transmission losses and station use. (See footnote b, below.)

<sup>b</sup> Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5 percent the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.

<sup>c</sup> Plant data.

<sup>d</sup> Including data for West Berlin, for which separate data are not available.

<sup>e</sup> Data are for the year beginning 1 April of the stated year.

Table 91

Installed Electric Power Generating Capacity \* in Selected Free World and Communist Countries  
1955, 1960, and 1962-67

	Thousand Kilowatts							
	1955	1960	1962	1963	1964	1965	1966	1967
<b>FREE WORLD COUNTRIES</b>								
US.....	130,896*	186,534*	209,575*	228,756*	240,471*	254,520*	266,816*	285,916*
Canada.....	12,678* <sup>b</sup>	23,035*	24,987*	26,320*	27,027*	29,394*	31,359*	32,998*
France.....	16,168*	21,851*	24,053*	25,602*	26,729*	28,209*	30,200*	N.A.*
Italy.....	12,421*	17,686*	19,586*	21,193*	23,297*	24,885*	26,696*	N.A.*
UK.....	27,224*	36,702*	42,221*	44,458*	45,236*	49,341*	51,478*	N.A.*
West Germany.....	18,325*	27,665*	31,207*	33,977*	36,160*	40,634*	42,700*	N.A.*
India <sup>c</sup> .....	3,474*	5,580*	6,925*	7,617*	8,397*	10,037*	12,540*	N.A.*
Japan <sup>c</sup> .....	14,512*	23,657*	29,153*	34,295*	38,072*	41,099*	44,814*	N.A.*
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe								
USSR.....	37,246*	66,721*	82,461*	93,050*	103,584*	114,988*	125,000*	135,000*
Eastern Europe								
Bulgaria.....	432*	925*	1,198*	1,493*	1,986*	2,155*	2,620*	2,830*
Czechoslovakia.....	3,979*	5,662*	6,784*	7,287*	8,109*	8,206*	9,149*	9,756*
East Germany.....	5,926*	7,904*	8,427*	8,894*	9,602*	10,350*	11,067*	11,450
Hungary.....	1,086*	1,479*	1,647*	1,785*	1,908*	1,998*	2,007*	2,407*
Poland.....	4,179*	6,316*	7,716*	8,463*	9,203*	9,672*	9,920*	10,933*
Rumania.....	1,220*	1,779*	2,099*	2,356*	2,866*	3,258*	4,471*	5,200*
Far East								
Communist China.....	3,000	10,900*	12,500*	12,700*	12,900*	13,500*	13,900	14,300
North Korea.....	808	1,789	1,890	1,925	2,175	2,375	2,475	2,575
North Vietnam <sup>d</sup> .....	50	110	125	155	175	175	187	187
Other								
Cuba.....	650*	905*	950*	985*	1,020*	1,020*	1,050	1,100
Yugoslavia.....	1,148*	2,402*	3,001*	3,030*	3,114*	3,638*	4,135*	4,400*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.

<sup>b</sup> Excluding some generation for industrial use.

<sup>c</sup> As of 31 March of the year following the stated year.

<sup>d</sup> Percentage out of operation as a result of bomb damage is as follows: 1965, 27 percent; 1966, 32 percent; and 1967, 65 percent.

ORES AND METALS

SECRET

Table 92  
Production of Crude Steel \*  
1955, 1960, and 1962-67

Million Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	184*	194*	191*	204*	235*	244*	243*	240*			
US <sup>c</sup> .....	106.17*	90.07*	89.20*	99.12*	115.15*	118.98*	121.63*	115.06*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	59.5*	86.5*	101*	106*	112*	120*	127*	135*			
USSR.....	45.27*	65.29*	76.31*	80.23*	85.04*	91.02*	96.90*	102.20*			
Eastern Europe.....	14.3*	21.2*	24.7*	25.3*	27.2*	28.7*	30.6*	32.8*			
Bulgaria <sup>d</sup> .....	0.12*	0.30*	0.48*	0.52*	0.54*	0.65*	0.76*	1.30*			
Czechoslovakia.....	4.47*	6.77*	7.64*	7.60*	8.38*	8.60*	9.13*	10.01*			
East Germany.....	2.84*	3.79*	4.09*	4.09*	4.31*	4.37*	4.53*	4.25*			
Hungary.....	1.63*	1.89*	2.33*	2.37*	2.36*	2.52*	2.65*	2.74*			
Poland.....	4.43*	6.68*	7.68*	8.00*	8.57*	9.09*	9.85*	10.44*			
Rumania.....	0.77*	1.81*	2.45*	2.70*	3.04*	3.43*	3.67*	4.09*			
Far East											
Communist China.....	2.85*	18.45*	8	9	10	11	12	10			
North Korea.....	0.14*	0.64*	1.05*	1.02*	1.13*	1.23	1.30	1.50			
Other											
Cuba.....	N.A.	N.A.	0.06	0.06	0.05	0.03	0.06*	0.12*			
Yugoslavia.....	0.80*	1.44*	1.60*	1.59*	1.68*	1.77*	1.87*	1.83*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	5.89*	7.18*	9.72*	Italy.....	5.40*	8.23*	15.88*	Portugal.....	Negl.*	Negl.*	0.32*
Canada.....	4.11*	5.27*	8.80*	Luxembourg...	3.22*	4.08*	4.48*	Turkey.....	0.20*	0.28*	0.62*
Denmark.....	0.24*	0.32*	0.40*	Netherlands...	0.98*	1.94*	3.41*	UK.....	20.11*	24.70*	24.28*
France.....	12.59*	17.28*	19.66*	Norway.....	0.17*	0.48*	0.79*	West Germany.	24.50*	34.10*	36.74* <sup>f</sup>
Greece.....	0.06*	0.06*	0.21* <sup>g</sup>								
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Australia <sup>h</sup> .....	2.24*	3.75*	6.29*	Japan.....	9.41*	22.14*	62.15*	Sweden.....	2.15*	3.22*	4.75*
India.....	1.73*	3.29*	6.42* <sup>h</sup>	South Africa...	1.58*	2.11* <sup>h</sup>	3.70*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for ingots and steel for castings.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.<sup>d</sup> Including an estimate for steel for castings for all years.<sup>e</sup> Data are for 1966 and are included in the NATO total for 1967.<sup>f</sup> Including data for West Berlin, for which separate data are not available.<sup>g</sup> Ingots only.<sup>h</sup> Including finished castings for sale.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 93

Production of Rolled Steel <sup>a</sup>  
1955, 1960, and 1962-67

	Million Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	<b>146</b>	<b>151</b>	<b>148</b>	<b>157</b>	<b>179</b>	<b>188</b>	<b>186</b>	<b>N.A.</b>			
US.....	84.50 <sup>o</sup>	69.35	68.04	74.25	85.14	90.09	90.00	N.A.			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	<b>44.9</b>	<b>65.8</b>	<b>76.8</b>	<b>80.5</b>	<b>85.8</b>	<b>91.5</b>	<b>98.6</b>	<b>105</b>			
USSR.....	35.30	51.00	59.30	62.50	66.70	70.91	76.70	81.70			
Eastern Europe.....	<b>9.62</b>	<b>14.8</b>	<b>17.5</b>	<b>18.0</b>	<b>19.1</b>	<b>20.6</b>	<b>21.9</b>	<b>23.2</b>			
Bulgaria.....	0.07	0.19	0.33	0.35	0.36	0.43	0.48	0.61			
Czechoslovakia.....	3.37	5.11	5.83	5.84	6.46	7.00	7.49	8.06			
East Germany.....	1.88	2.61	2.80	2.81	2.90	2.99	3.05	2.89			
Hungary.....	0.88	1.23	1.61	1.63	1.65	1.72	1.74	1.78			
Poland.....	2.92	4.42	5.24	5.46	5.71	6.13	6.58	6.96			
Rumania.....	0.50	1.25	1.66	1.92	2.06	2.35	2.59	2.91			
Other											
Yugoslavia.....	0.49	0.97	1.06	1.15	1.20	1.19	1.23	1.18			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium.....	4.80 <sup>o</sup>	5.88 <sup>d</sup>	7.63 <sup>a</sup>	Italy.....	4.50 <sup>o</sup>	7.78	11.35	Portugal.....	N.A.	N.A.	0.25
Canada.....	3.14	4.13	6.75	Luxembourg...	2.60 <sup>o</sup>	3.22	3.45	Turkey.....	0.20 <sup>o</sup>	0.21	0.44
Denmark....	0.20 <sup>o</sup>	0.22	0.32	Netherlands...	1.00 <sup>o</sup>	1.69	2.60	UK.....	15.70 <sup>o</sup>	18.41	19.20
France.....	9.70 <sup>o</sup>	13.70	15.82	Norway.....	0.10 <sup>o</sup>	0.33	0.55	West Germany.	19.60 <sup>o</sup>	25.84	27.28
Other Free World Countries											
	1955	1960	1966								
Japan.....	7.25	17.20	39.01								

<sup>a</sup> Unless otherwise indicated, data are for hot-rolled steel, including pipes and tubes.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>o</sup> Including steel castings and steel forgings.

<sup>d</sup> Including steel forgings.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED  
CLASSIFIED MATERIAL ON THE REVERSE

Table 94

Production of Pig Iron and Blast-Furnace Ferroalloys \*  
1955, 1960, and 1962-67

	Thousand Metric Tons								
	1955	1960	1962	1963	1964	1965	1966	1967	
NATO COUNTRIES <sup>b</sup> .....	128,000*	136,000*	134,000*	140,000*	164,000*	169,000*	169,000*	169,000*	
US.....	70,570*	61,072*	60,138*	65,657*	78,213*	80,584*	83,605*	79,512*	
COMMUNIST COUNTRIES									
USSR and Eastern Europe...	42,200*	60,200*	70,600*	74,400*	79,500*	84,100*	89,400*	95,500*	
USSR.....	33,310*	46,757*	55,265*	58,691*	62,377*	66,184*	70,300*	74,800*	
Eastern Europe.....	8,860*	13,400*	15,300*	15,800*	17,100*	17,900*	19,100*	20,700*	
Bulgaria.....	8* <sup>a</sup>	192*	223*	265*	457*	695*	903*	992*	
Czechoslovakia.....	2,982*	4,696*	5,177*	5,254*	5,716*	5,868*	6,269*	6,762*	
East Germany.....	1,517*	1,995*	2,075*	2,150*	2,260*	2,338*	2,448*	2,525*	
Hungary.....	868*	1,246*	1,382*	1,388*	1,494*	1,581*	1,633*	1,667*	
Poland.....	2,920*	4,253*	4,933*	4,993*	5,268*	5,375*	5,611*	6,284*	
Rumania.....	570*	1,014*	1,511*	1,706*	1,924*	2,019*	2,198*	2,456*	
Far East									
Communist China.....	3,872*	27,500* <sup>d</sup>	9,000	10,000	11,000	12,000	15,400	14,000	
North Korea.....	112*	752*	1,058*	986*	1,150	1,120	1,290	1,400	
North Vietnam.....	0*	10*	12*	15*	120	200	150	N.A.	
Other									
Yugoslavia.....	514*	972*	1,050*	996*	1,026*	1,115*	1,143*	1,177*	
Other NATO Countries									
	1955	1960	1967	1955	1960	1967	1955	1960	1967
Belgium...	5,390*	6,553*	8,904*	Luxembourg... 3,085*	3,713*	3,960*	Turkey.... 201*	247*	555*
Canada...	3,089*	4,025*	6,470*	Netherlands... 670*	1,346*	2,580*	UK..... 12,670*	16,016*	15,396*
Denmark...	54*	69*	76*	Norway..... 123*	373*	685*	West Ger-		
France...	10,960*	14,144*	15,710*	Portugal..... Negl.*	Negl.*	290*	many... 19,361*	25,729*	27,420* <sup>f</sup>
Italy.....	1,625*	2,715*	7,295*						
Other Free World Countries *									
	1955	1960	1967	1955	1960	1967	1955	1960	1967
Australia <sup>h</sup> ...	1,826*	2,939*	5,052*	Japan..... 5,426*	12,341*	41,040*	Sweden... 1,247*	1,627*	2,352*
India.....	1,925*	4,260*	7,050*	South Africa... 1,301*	2,000*	3,660*			

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Although the Bulgarian yearbooks list these data as pig iron, they probably refer to iron castings because there were no facilities for production of pig iron before 1957.<sup>d</sup> Including 13.4 million metric tons made in "small blast furnaces," of which 6.5 million metric tons was usable for steelmaking.<sup>e</sup> Including small quantities of foreign-produced pig iron returned to furnaces.<sup>f</sup> Including data for West Berlin, for which separate data are not available.<sup>g</sup> Data may include some electric-furnace ferroalloys.<sup>h</sup> Excluding ferroalloys.

SECRET

ORES AND METALS

Table 95

Production of Iron Ore <sup>a</sup>  
1955, 1960, and 1962-67

Million Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	209*	218*	204*	195*	215*	220*	217*	205*			
US <sup>c</sup> .....	104.65*	89.04*	73.75*	73.49*	82.68*	89.18*	92.16*	86.08*			
COMMUNIST COUNTRIES <sup>d</sup>											
USSR and Eastern Europe...	78.8*	115*	139*	149*	156*	165*	173*	181*			
USSR.....	71.86*	105.86*	128.11*	137.50*	145.86*	153.43*	160.30*	168.00*			
Eastern Europe.....	6.95*	9.34*	10.6*	11.4*	10.6*	12.0*	12.8*	13.2*			
Bulgaria.....	0.11*	0.42*	0.64*	0.66*	0.72*	1.80*	2.41*	2.68*			
Czechoslovakia.....	2.49*	3.12*	3.48*	3.41*	2.85*	2.45*	2.24*	2.17*			
East Germany.....	1.66*	1.64*	1.64*	1.66*	1.63*	1.63*	1.72*	1.75*			
Hungary.....	0.35*	0.52*	0.68*	0.73*	0.78*	0.76*	0.75*	0.72*			
Poland.....	1.70*	2.18*	2.44*	2.61*	2.68*	2.86*	3.05*	3.10*			
Rumania.....	0.64*	1.46*	1.74*	2.29*	1.93*	2.48*	2.68*	2.78*			
Far East											
Communist China.....	9.60*	56.43	18.39	20.44	22.50	24.83	31.10	28.00			
North Korea.....	0.14*	3.11*	3.34*	3.86*	4.00* <sup>e</sup>	4.96* <sup>f</sup>	5.00*	5.46			
North Vietnam.....	N.A.	0.02*	0.03*	0.07*	0.25	0.40	0.30	N.A.			
Other											
Albania <sup>g</sup> .....	0*	0.26*	0.42*	0.26*	0.34*	0.39*	0.42	N.A.			
Yugoslavia.....	1.40*	2.20*	2.19*	2.30*	2.31*	2.50*	2.49*	2.58*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	0.11*	0.16*	0.09*	Greece.....	0.19*	0.30*	0.41*	Portugal.....	0.19*	0.29*	0.19*
Canada <sup>h</sup> .....	14.77*	19.55*	38.34*	Italy.....	1.38*	1.25*	0.77*	Turkey.....	0.43*	0.79*	1.66*
Denmark.....	0.12*	0.07*	0.03* <sup>i</sup>	Luxembourg...	7.20*	6.98*	6.30*	UK <sup>k</sup> .....	16.44*	17.36*	13.03*
France.....	50.26*	66.91*	48.78*	Norway <sup>l</sup> .....	1.26*	1.58*	3.23*	West Germany <sup>l</sup> ..	11.86*	14.18*	6.24* <sup>m</sup>
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Austria.....	2.84*	3.54*	3.47*	Japan <sup>o</sup> .....	1.56*	2.85*	2.18*	Sweden <sup>p</sup> .....	17.35*	21.69*	28.75*
India.....	N.A.*	16.61*	26.51* <sup>n</sup>	Spain.....	3.71*	5.49*	4.96*	Venezuela.....	8.44*	19.49*	16.95*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including manganese ores but excluding pyrites.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The metal content of the ore in the NATO countries and other Free World countries follows: Austria, Luxembourg, and the UK, 27 to 30 percent; Belgium, France, and West Germany, 31 to 34 percent; Greece, Italy, Portugal, Spain, and the US, 46 to 50 percent; Canada and Japan, 55 percent; Sweden and Turkey, 60 to 61 percent; and India, Norway, and Venezuela, 57 to 62 percent. The metal content of iron ore in Denmark is not available.<sup>c</sup> Excluding manganese iron ore containing 5 percent or more of manganese.<sup>d</sup> The metal content of the ore in selected Communist countries follows: the USSR, in terms of dressed ore, 55 percent of the ore; Communist China, 20 to 50 percent; North Korea, 40 to 50 percent; Albania, 50 to 55 percent (1 percent nickel); Bulgaria, 38 to 50 percent; Czechoslovakia, 34 percent; East Germany, 25 to 30 percent; Hungary, 24 to 28 percent; Poland, 30 percent; Rumania, 32 to 40 percent; Yugoslavia, 40 percent; and North Vietnam, 55 percent.<sup>e</sup> Plan data.<sup>f</sup> Based on an announced increase for 1965 of 24 percent applied to 1964 plan data.<sup>g</sup> Iron-nickel ore that is mined for its nickel content.<sup>h</sup> Shipments.<sup>i</sup> Data are for 1966 and are included in the NATO total for 1967.<sup>j</sup> Data are for concentrates only and exclude titaniferous ores.<sup>k</sup> Excluding certain grades.<sup>l</sup> Merchant ores and concentrates.<sup>m</sup> Including data for West Berlin, for which separate data are not available.<sup>n</sup> Data are for 1966.<sup>o</sup> Including iron sand and pyrites.<sup>p</sup> Including concentrates.

SECRET

103



ORES AND METALS

SECRET

Table 96

Production of Manganese Ore \*  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	396*	189*	113*	89.1*	129*	166*	150*	N.A.*			
US .....	261*	73*	22*	10*	24*	27*	13*	N.A.*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	5,590*	6,350*	6,840*	7,200*	7,500*	8,040*	7,550*	7,670*			
USSR .....	4,743*	5,872*	6,402*	6,063*	7,096*	7,576*	7,100*	7,200*			
Eastern Europe.....	843*	477*	436*	535*	407*	461*	450*	474*			
Bulgaria.....	63*	25*	35*	38*	52*	42*	42*	42*			
Czechoslovakia.....	260*	154*	83*	85*	84*	80*	90*	84*			
Hungary.....	130*	123*	129*	152*	171*	213*	206*	196*			
Rumania.....	390*	175*	189*	260*	100*	126*	112*	152*			
Far East											
Communist China.....	196	708	242	281	372	312	375	340			
Other											
Cuba.....	258* <sup>d</sup>	16* <sup>e</sup>	79	81*	85	120	115	N.A.			
Yugoslavia.....	11*	13*	15*	8*	8*	8*	9*	10*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Greece.....	25*	31*	75*	Portugal.....	4*	7*	9*	Turkey.....	50*	28*	10*
Italy.....	57*	49*	44*								
Other Free World Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Brazil.....	213*	999*	1,239*	India...	1,609*	1,199*	1,676*	South Africa...	589*	1,194*	1,693*
Congo (Kinshasa).....	462*	382*	249*	Japan...	202*	324*	310*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> The metal content of the ore of the various countries is as follows: the US, more than 35 percent; other Free World countries and Cuba, 30 to 50 percent; the USSR, about 45 percent; Communist China and Yugoslavia, about 35 percent; Rumania, 30 percent; Czechoslovakia, less than 30 percent; Bulgaria, about 27 percent; and Hungary, 26 percent.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Shipments.

<sup>d</sup> Exports.

<sup>e</sup> US imports.

Table 97

Production of Refined Nickel <sup>a</sup>  
1955, 1960, and 1962-67

	Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	145,000*	205,000*	207,000*	184,000*	200,000*	248,000*	225,000*	N.A.*			
US <sup>c</sup> .....	3,454*	12,975*	10,176*	10,371*	11,054*	12,256*	12,008*	12,111*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	46,100	72,200	90,200	93,200	97,100	100,000	107,000	115,000			
USSR.....	46,000	72,000	90,000	93,000	97,000	100,000	107,000	115,000			
Eastern Europe.....	130	222	220	190	125	50	0	0			
East Germany.....	130	222	220	190	125	50	0	0			
Far East											
North Korea.....	0*	200*	300*	320*	320*	N.A.	N.A.	N.A.			
Other											
Cuba <sup>d</sup> .....	13,733*	14,700	22,292	19,551	22,206	28,865	26,000	30,000			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Canada <sup>e</sup> .....	90,718*	114,735*	130,000*	Italy.....	60*	500*	350* <sup>f</sup>	UK.....	24,700*	34,300*	37,490*
France <sup>g</sup> .....	5,750*	10,016*	12,824*	Norway..	18,498*	30,428*	32,337*	West Ger-			
Greece.....	N.A.*	N.A.*	110*					many...	2,308*	2,523*	318*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for refined metal.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Nickel recovered from refined domestic ore and nickel recovered as a byproduct of electrolytic refining of copper. Secondary nickel produced from nonferrous scrap is excluded.

<sup>d</sup> Nickel content of oxides and sulfides.

<sup>e</sup> Production of nickel in all forms for Canada (refined nickel, nickel in oxide produced, and recoverable nickel in matte exported) follows (in metric tons): for 1955, 158,690; for 1960, 194,600; for 1962, 210,700; for 1963, 198,700; for 1964, 207,300; for 1965, 235,100; and for 1966, 212,300. Much of this production is exported for refining in other countries, especially the UK and Norway:

<sup>f</sup> Excluding data for New Caledonia.

<sup>g</sup> Data are for 1964 and are included in the NATO totals for 1965-66.

Table 98

Production of Chromite <sup>a</sup>  
1955, 1960, and 1962-67

	Thousand Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	378*	279*	245*	142*	202*	256*	237*	N.A.*
US <sup>c</sup> .....	56.0*	37.4* <sup>d</sup>	Negl.*	Negl.*	Negl.*	Negl.*	Negl.*	Negl.*
COMMUNIST COUNTRIES <sup>e</sup>								
USSR.....	304.0	519.5	588.0	658.8	690.0	735.0	800.0	830.0
North Vietnam.....	0	19.4*	32.6*	30.3*	29.0	32.0 <sup>f</sup>	32.0	N.A.
Albania.....	54.9	130.1*	113.1*	132.1*	137.5*	139.5	135.9	N.A.
Cuba.....	27.8*	10.0* <sup>g</sup>	50.5	50.3	32.8	41.0	37.5	N.A.
Yugoslavia.....	31.2*	25.4*	26.1*	24.4*	23.0*	20.8	14.1*	12.3
Other NATO Countries								
	1955	1960	1966	1955	1960	1966		
Greece.....	10.1*	20.6*	11.4*	Turkey....	311.6*	220.7*	225.7*	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of ores mined. In many instances, data are only approximate.

<sup>b</sup> NATO totals include only data for the US, Greece, and Turkey.

<sup>c</sup> Shipments.

<sup>d</sup> Production for the Federal Government only.

<sup>e</sup> The following percentages were used to reduce the estimates of ores mined in the Communist countries to show the chromic oxide content: USSR, a part at 35 percent and the remainder at 40 percent; North Vietnam, at 50 percent; Albania, at 45 percent; Cuba, at 35 percent; and Yugoslavia, at about 26 percent.

<sup>f</sup> Based on plan data.

<sup>g</sup> US imports.

Table 99

Production of Molybdenum <sup>a</sup>  
 1955, 1960, and 1962-67

Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	28,600*	31,500*	23,900*	30,100*	30,500*	39,600*	51,000*	49,700*			
US.....	28,023*	30,952*	23,244*	29,488*	29,758*	35,095*	41,065*	39,463*			
COMMUNIST COUNTRIES											
USSR.....	2,820	4,800	5,300	6,370	6,700	7,300	7,600	8,000			
Far East											
Communist China.....	1,250	3,800	1,800	1,300	1,300	1,000	1,000	1,000			
North Korea.....	100	160	200*	200*	210*	N.A.	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Canada.....	378*	348*	9,979*	Norway.....	172*	246*	220* <sup>c</sup>	Portugal....	5*	0*	0*
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Chile.....	1,278*	1,852*	5,126*	Japan.....	199*	381*	272* <sup>d</sup>	Peru.....	0*	Negl.*	771*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Molybdenum content of ores and concentrates.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data are for 1966 and are included in the NATO total for 1967.

<sup>d</sup> Data are for 1966.

Table 100

Production of Cobalt <sup>a</sup>  
 1955, 1960, and 1962-67

Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967
FREE WORLD COUNTRIES								
US.....	843*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*
Canada <sup>b</sup> .....	1,505*	1,618*	1,579*	1,372*	1,444*	1,723*	1,555*	1,633*
Congo (Kinshasa) <sup>c</sup> .....	8,567*	8,222*	9,683*	7,376*	7,676*	8,350*	11,297*	9,979*
Morocco.....	757*	1,271*	1,436*	1,371*	1,678*	1,832*	1,994*	1,814*
Zambia <sup>c</sup> .....	672*	1,847*	863*	706*	1,408*	1,544*	1,515*	1,542*
COMMUNIST COUNTRIES <sup>d</sup>								
USSR.....	935	1,640	2,155	2,520	2,600	3,400	3,800	4,000

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for the cobalt content of ores mined.

<sup>b</sup> Including metal, salts, and oxides recovered from smelter products and residues exported.

<sup>c</sup> Cobalt content of alloys.

<sup>d</sup> Bulgaria reportedly began production of cobalt concentrates in 1956, but there has been no further confirmation. Communist China is believed to be producing a negligible amount of cobalt concentrates.

Table 101

Production of Tungsten Ore <sup>a</sup>  
1955, 1960, and 1962-67

	Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	22,500*	10,300*	10,800*	6,750*	10,200*	11,700*	13,100*	N.A.*			
US <sup>c</sup> .....	14,889*	6,645*	7,647*	5,132*	8,386*	7,211*	8,085*	N.A.*			
COMMUNIST COUNTRIES											
USSR.....	7,500	11,400	12,600	13,100	13,600	14,000	14,000	14,000			
Far East											
Communist China.....	20,000	29,000	19,000	18,000	15,000	15,000	14,000	12,000			
North Korea.....	1,864*	3,000*	3,900*	4,000	4,200*	N.A.	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Canada.....	1,468*	N.A.*	3,003*	Italy.....	27*	7*	1*	UK.....	73*	0*	0*
France.....	1,379*	683*	N.A.*	Portugal.....	4,647*	2,917*	2,016*				
Other Free World Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Australia...	2,508*	1,882*	2,213*	Congo (Kinshasa)*.	1,572*	575*	189*	Spain.....	1,568*	934*	97*
Bolivia <sup>d</sup> ...	5,384*	2,150*	2,633*	South Korea.....	3,408*	5,734*	4,320*	Thailand..	1,240*	442*	560*
Burma <sup>e</sup> ...	2,655*	944*	237*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for the estimated tonnage of tungsten concentrates, 60 percent tungsten trioxide (WO<sub>3</sub>) basis.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Shipments.

<sup>d</sup> Exports.

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

<sup>f</sup> Including data for Rwanda and Burundi.

Table 102

Production of Gold <sup>a</sup>  
1955, 1960, and 1962-67

Million US \$

	1955	1960	1962	1963	1964	1965	1966	1967
<b>FREE WORLD COUNTRIES</b>								
US.....	65.7*	58.8*	54.5*	51.4*	51.4*	58.6*	63.1*	51.8*
Australia.....	36.7*	38.0*	37.6*	35.8*	33.7*	30.7*	32.0*	27.9*
Canada.....	159.0*	162.0*	145.5*	139.0*	133.0*	125.6*	114.6*	103.7*
Colombia.....	13.3*	15.2*	13.9*	11.4*	12.8*	11.2*	9.8*	9.3*
Congo (Kinshasa).....	12.9*	11.1*	7.2*	7.9*	7.8*	2.3*	5.6*	N.A.*
Ghana.....	24.0*	30.8*	31.1*	32.2*	30.3*	26.7*	24.0*	26.7*
India.....	7.4*	5.6*	5.7*	4.8*	5.2*	4.6*	4.2*	3.6*
Japan.....	10.1*	11.8*	14.7*	15.1*	16.1*	18.1*	19.4*	23.7*
Mexico.....	13.3*	10.5*	8.2*	8.3*	7.4*	7.6*	7.5*	6.5*
Nicaragua.....	9.0*	6.9*	7.8*	7.1*	6.9*	5.6*	5.3*	5.2*
Peru.....	6.0*	4.9*	4.3*	3.5*	3.0*	3.7*	3.9*	N.A.*
Philippines.....	14.7*	14.4*	14.8*	13.2*	14.9*	15.4*	15.9*	17.1*
Rhodesia.....	18.4*	19.7*	19.1*	19.8*	20.1*	19.0*	19.3*	N.A.*
South Africa.....	511.0*	748.4*	892.2*	960.6*	1,018.9*	1,069.0*	1,080.8*	1,061.6*
<b>COMMUNIST COUNTRIES</b>								
USSR.....	101	124	143	153	164	176	188	200
Communist China.....	N.A.	35.0	24.5	24.5	24.5	24.5	24.5	22.0
Czechoslovakia.....	N.A.	N.A.	N.A.	N.A.	5.7	5.7	5.7	5.7
Rumania.....	3.7	12.8	14.7	14.7	15.0	15.0	16.2	25.0

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Based on a value of \$35 per troy ounce.

SECRET

Table 103

Production of Refined Copper \*  
1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967			
<b>NATO COUNTRIES<sup>b</sup></b> .....	<b>2,410*</b>	<b>2,850*</b>	<b>2,920*</b>	<b>2,930*</b>	<b>3,120*</b>	<b>3,330*</b>	<b>3,340*</b>	<b>2,810*</b>			
US <sup>c</sup> .....	1,436.1*	1,642.6*	1,725.8*	1,722.2*	1,821.1*	1,956.7*	1,997.4*	1,395.4*			
<b>COMMUNIST COUNTRIES</b>											
USSR and Eastern Europe...	442 <sup>d</sup>	587	700	762*	831*	904*	968*	1,080*			
USSR.....	377.3*	490.0*	590.0*	640.0*	700.0*	770.0*	828.0*	915.0*			
Eastern Europe.....	64.6 <sup>d</sup>	97.2	110	122*	131*	134*	140*	168*			
Bulgaria.....	3.8* <sup>e</sup>	14.0*	18.3*	20.0*	20.6*	23.6*	26.0*	32.0*			
Czechoslovakia.....	5.0*	10.1*	12.3*	12.3*	12.3*	12.3*	12.3*	12.3*			
East Germany.....	33.3	39.2	39.5	40.0*	40.0*	40.0*	40.2*	40.2*			
Hungary.....	7.8*	8.2*	8.6*	11.6*	12.2*	11.3*	12.7*	13.2*			
Poland.....	15.7*	21.7*	24.1*	29.6*	36.0*	37.3*	39.8*	52.2*			
Rumania.....	2.8	4.0	7.5	8.6*	9.0*	9.0*	9.0*	18.0*			
Far East											
Communist China.....	15.0*	90.0	46.0	96.0	96.0	96.0	120.0	100.0			
North Korea.....	1.8*	8.5*	12.0*	14.0*	16.0*	18.0*	19.0*	21.0*			
Other											
Albania <sup>o</sup> .....	0.9*	0.9*	1.9*	2.0*	2.2*	4.7	5.2	5.8			
Yugoslavia.....	24.8*	35.1*	45.5*	49.0*	51.9*	56.3*	62.0*	66.2*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	156.9*	211.8*	320.0*	Italy.....	26.9*	15.6*	16.8*	Turkey.....	8.5*	11.7*	6.0*
Canada.....	262.5*	378.2*	452.0*	Norway...	10.8*	17.1*	14.1*	UK.....	230.8*	218.9*	179.1*
France.....	19.3*	40.2*	36.3*	Portugal..	<i>Nepl.*</i>	5.3*	3.6*	West Germany.	260.2*	309.1*	385.0* <sup>f</sup>
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Chile.....	240.7*	225.6*	353.2*	India.....	7.4*	8.9*	8.9*	Zambia.....	179.9*	402.6*	535.0*
Congo (Kinshasa)...	114.8*	144.7*	157.2*	Japan.....	113.3*	248.1*	470.2*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for primary and secondary refined copper produced from domestic and imported ores and scrap.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including production from secondary plants and copper refined by manufacturers for their own use.

<sup>d</sup> Bulgarian data for 1955 are excluded from the totals because they refer to blister copper rather than refined metal.

<sup>e</sup> Blister copper.

<sup>f</sup> Including data for West Berlin, for which separate data are not available.

SECRET

Table 104

Production of Primary Aluminum  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES *	2,400*	3,210*	3,350*	3,610*	4,020*	4,270*	4,610*	4,860*			
US.....	1,420*	1,828*	1,921*	2,098*	2,316*	2,499*	2,688*	2,967*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	538	793	960	1,050	1,150	1,230	1,430	1,610			
USSR.....	430*	630	770	855	945	1,025	1,160	1,295			
Eastern Europe.....	108	163*	190*	193*	206	206	267	319			
Czechoslovakia.....	24*	52*	54*	56*	56*	56*	60*	60*			
East Germany.....	27	35*	35*	35*	45	45	45	52			
Hungary.....	37*	50*	53*	55*	57*	58*	60*	62*			
Poland.....	20*	26*	43*	47*	48*	47*	55*	92*			
Rumania.....	0*	0*	0*	0*	0*	0*	47* <sup>b</sup>	53* <sup>b</sup>			
Far East											
Communist China.....	10	80	70	85	100	115	125	120			
Other											
Yugoslavia.....	12*	25*	28*	36*	35*	39*	42*	45*			
Other NATO Countries											
	1955	1960	1967		1955	1960	1967		1955	1960	1967
Canada.....	556*	691*	748*	Italy.....	62*	84*	128*	UK.....	25*	29*	39*
France.....	129*	238*	361*	Norway <sup>c</sup> .....	72*	171*	362*	West Germany.....	137*	169*	254* <sup>d</sup>
Other Free World Countries											
	1955	1960	1967		1955	1960	1967				
India.....	7*	18*	89*	Japan.....	58*	133*	382*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>b</sup> Primary aluminum and aluminum alloys.<sup>c</sup> Including the pure content of virgin alloys.<sup>d</sup> Including data for West Berlin, for which separate data are not available.



Table 105  
Production of Bauxite  
1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES *.....	4,140*	5,300*	5,190*	5,130*	5,380*	5,860*	6,120*	6,520*			
US .....	1,817*	2,030*	1,391*	1,549*	1,627*	1,681*	1,825*	1,778*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	3,980*	4,390	5,780	5,810	6,040	6,350	6,660	7,300			
USSR <sup>b</sup> .....	2,700*	3,110	4,280	4,440	4,560	4,860	5,220	5,460			
Eastern Europe.....	1,280*	1,280*	1,500*	1,370*	1,480*	1,490*	1,440*	1,840*			
Hungary.....	1,241*	1,190*	1,468*	1,363*	1,477*	1,478*	1,428*	1,643*			
Rumania.....	37*	88*	30*	10*	7*	12*	15*	200*			
Far East											
Communist China <sup>c</sup> .....	80	640	560	680	800	920	1,000	960			
Other											
Yugoslavia.....	791*	1,025*	1,331*	1,285*	1,293*	1,574*	1,887*	2,131*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
France.....	1,494*	2,068*	2,771*	Italy.....	327*	313*	253*	West Germany..	4*	4*	4*
Greece.....	500*	884*	1,687*	Turkey.....	0*	0*	32* <sup>d</sup>				
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Guyana.....	2,474*	2,511*	3,556*	Jamaica.....	2,687*	5,837*	9,348*	Surinam.....	3,123*	3,455*	4,572*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Excluding nonbauxite ore such as nepheline and alunite for the production of alumina.

<sup>c</sup> Data are for aluminous shales and clays used for the manufacture of aluminum and exclude shales exported and those used for refractories, abrasives, and cement.

<sup>d</sup> Data are for 1966 and are included in the NATO total for 1967.

Table 106

Smelter Production of Lead <sup>a</sup>  
 1955, 1960, and 1962-67

	Thousand Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	882*	844*	817*	834*	872*	909*	939*	944*
US <sup>c</sup> .....	434.5*	346.9*	341.1*	358.1*	407.7*	379.4*	399.8*	349.6*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	326	436	482	509	576	608*	647*	698*
USSR.....	258.3*	324.0*	364.0*	385.0*	408.0*	433.0*	463.0*	495.0*
Eastern Europe.....	67.3	112	118	124	168	175*	184*	203*
Bulgaria.....	5.1*	40.4*	43.7*	51.0*	87.5*	93.4*	92.8*	92.8*
Czechoslovakia.....	8.0*	9.1*	9.1*	10.0*	15.0*	14.6*	14.6*	14.6*
East Germany.....	8.9	10.4	11.6	11.6	12.0	12.5*	12.5*	12.5*
Hungary.....	<i>Negl.</i>	0.5	0.5	0.5	0.5	0.5*	0.5*	0.5*
Poland <sup>d</sup> .....	34.2*	39.7*	40.7*	38.9*	41.5*	41.4*	43.5*	44.0*
Rumania <sup>d</sup> .....	11.1*	12.0*	12.0*	12.0*	12.0*	12.2*	20.0*	39.0*
Far East								
North Korea.....	9.4	34.0	43.0*	47.0*	51.0*	54.0*	57.0*	61.0*
Other								
Yugoslavia.....	75.6*	89.1*	97.9*	104.2*	101.1*	101.5*	98.0*	93.9*

Other NATO Countries

	1955			1960			1967			
	1955	1960	1967	1955	1960	1967	1955	1960	1967	
Belgium <sup>e</sup> ....	82.8*	92.7*	107.8*	Greece.....	2.5*	3.1*	Turkey.....	1.6*	0.5*	0.5* <sup>f</sup>
Canada.....	135.9*	144.0*	168.5*	Italy.....	42.5*	41.6*	UK.....	6.2*	1.1*	<i>Negl.</i> *
France.....	66.6*	74.4*	114.0*	Portugal.....	2.0*	0.9*	West Germany..	107.6*	139.2*	136.2*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Excluding refined lead produced from imported base bullion.

<sup>d</sup> Probably including some secondary metal.

<sup>e</sup> Including secondary metal.

<sup>f</sup> Data are for 1966 and are included in the NATO total for 1967.

Table 107

Production of Refined Zinc <sup>a</sup>  
1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	1,900*	1,850*	1,920*	1,920*	2,090*	2,200*	2,280*	2,160*			
US <sup>c</sup> .....	934.0*	787.7*	851.2*	864.4*	930.5*	978.0*	1,005.3*	917.1*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	394	575	662	682	711	793	861	936			
USSR <sup>d</sup> .....	222.0*	364.0*	403.0*	419.0*	436.0*	504.0*	551.0*	610.0*			
Eastern Europe.....	172	211	258	263	275	289	310	326			
Bulgaria.....	1.4*	16.9*	51.7*	56.0*	59.0*	65.8*	76.8*	76.8*			
Czechoslovakia.....	1.3*	2.0*	2.6*	3.0*	3.0*	3.0*	3.0*	3.0*			
East Germany <sup>e</sup> .....	3.2	4.1	10.0	10.0	13.0	14.0	13.8	13.8			
Hungary.....	N.A.	0.4*	0.4*	0.4*	0.4*	0.4*	0.4*	0.4*			
Poland.....	156.2*	175.5*	181.3*	181.2*	186.9*	190.4*	193.0*	196.1*			
Rumania.....	10.0*	12.5	12.5	12.5	12.5	15.4*	23.1*	35.5*			
Far East											
North Korea.....	0*	55.0*	66.0*	71.0*	75.0*	80.0*	84.0*	88.0*			
Other											
Yugoslavia.....	13.8*	35.9*	39.3*	42.2*	44.5*	46.1*	50.7*	53.2*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	211.9*	247.6*	223.4*	Italy.....	73.0*	85.2*	85.9*	UK.....	82.7*	75.5*	104.3*
Canada.....	233.7*	238.2*	368.2*	Netherlands...	28.4*	36.1*	39.1*	West Germany.	180.0*	191.9*	183.1*
France.....	109.1*	146.4*	185.9*	Norway.....	45.5*	43.6*	54.1*				
Other Free World Countries											
	1955	1960	1967	1955	1960	1967					
Japan.....	112.5*	180.5*	516.2*	Mexico.....	56.1*	52.9*	66.3*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including production from secondary smelters. Production of primary zinc in the US was as follows (in metric tons): 1955, 874,100; 1960, 725,800; 1962, 797,800; 1963, 809,700; 1964, 865,500; 1965, 902,100; 1966, 929,900; and 1967, 841,900.

<sup>d</sup> Primary metal only, representing slightly less than 80 percent of total production.

<sup>e</sup> Annual production consists of zinc produced from ore except for approximately 3,000 metric tons in 1955 and 4,000 metric tons annually for 1960 and 1962-67.

Table 108

Smelter Production of Primary Tin Metal <sup>a</sup>  
 1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	89.3*	56.8*	39.8*	34.0*	44.6*	44.6*	41.4*	47.3*			
US <sup>c</sup> .....	22.7*	13.7*	5.6*	1.5*	4.0*	3.1*	3.9*	3.1*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	9.1	11.4	13.2	13.9	14.6	15.2	16.4	18.0			
USSR.....	8.5	10.6	12.0	12.7	13.4	14.0	15.2	16.7			
Eastern Europe.....	0.6	0.8	1.2*	1.2*	1.2*	1.2*	1.2*	1.3*			
East Germany.....	0.6	0.8	1.2*	1.2*	1.2*	1.2*	1.2*	1.3*			
Far East											
Communist China.....	20.0	28.0	18.0	16.0	11.0	11.0	11.0	8.0			
North Vietnam.....	0.1	0.5*	0.6*	0.6	0.5	N.A.	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	10.6*	8.4*	4.3*	Portugal....	1.0*	0.6*	0.6*	West Germany...	0.3*	0.8*	1.6*
Netherlands....	27.0*	6.5*	14.0*	UK.....	27.7* <sup>d</sup>	26.8*	23.7*				
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Japan.....	0.9*	1.2*	1.9*	Malaysia....	71.8*	77.6*	77.6*	Nigeria.....	0*	0*	9.3*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for primary (virgin) metal and exclude tin derived from scrap or detinning.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Estimated data based on imports of tin concentrates.

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

Table 109

Production of Primary Magnesium \*  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	79.2*	64.9*	98.8*	107*	115*	124*	121*	136*			
US.....	55.5*	36.4*	62.6*	63.8*	72.1*	73.8*	72.4*	88.4*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	12.0	25.3	34.3	39.3	47.0	66.5	71.0	76.0			
USSR.....	12.0	25.0	34.0	39.0	47.0	66.5	71.0	76.0			
Hungary <sup>c</sup> .....	0*	0.3*	0.3*	0.3*	N.A.	N.A.	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Canada...	7.0*	6.6*	7.9*	Italy.....	2.9*	5.4*	6.6*	UK <sup>d</sup> .....	5.5*	3.7*	0* <sup>e</sup>
France...	1.5*	2.1*	4.2*	Norway.....	6.7*	10.3*	28.5*	West Germany.	0.1* <sup>d</sup>	0.3*	0.5* <sup>f</sup>

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Unless otherwise indicated, data are for primary (virgin) metal in ingots and ingot equivalent of other forms.  
<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."  
<sup>c</sup> Plan data.  
<sup>d</sup> Including remelt alloys.  
<sup>e</sup> Production suspended in June 1966.  
<sup>f</sup> Data are for 1966 and are included in the NATO total for 1967.

Table 110

Production of Titanium Sponge Metal \* in the US and the USSR  
1955, 1960, and 1962-67

	Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
US.....	6,711*	4,818*	6,105*	7,148*	7,800* <sup>b</sup>	8,100* <sup>b</sup>	15,000* <sup>b</sup>	18,000* <sup>b</sup>
USSR.....	1,000	3,000	5,000	6,000	7,000	9,000	11,000	13,000

\* An asterisk indicates that the data are unclassified.  
<sup>a</sup> Raw titanium in the form of sponge metal produced by the Kroll method from rutile or ilmenite concentrates.  
<sup>b</sup> Based on reports from various trade publications.

Table 111

Production of Footwear <sup>a</sup> in the US and the USSR  
 1955, 1960, and 1962-67

	Million Pairs							
	1955	1960	1962	1963	1964	1965	1966	1967
US.....	585.4	600.0	633.2	604.3	612.8	629.1	646.9	603.2
USSR.....	271.2	419.3	456.3	462.7	474.7	486.0	522.0	561.0

<sup>a</sup> Shoes and slippers.

Table 112

Production of Woven Cotton Fabrics <sup>a</sup> in Selected Free World and Communist Countries  
 1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Free World Countries</b>									
US.....	Million linear meters....	9,304	8,564	8,462	7,993	8,354	8,469	8,107	7,556
Canada <sup>b c d</sup> .....	Million linear meters....	287	240	281	290	302	306	247	252
India <sup>e</sup> .....	Million linear meters....	6,277	6,632	6,972	7,303	7,726	7,634	7,335	7,100
Japan <sup>b</sup> .....	Million square meters....	2,351	3,222	3,083	2,938	2,965	3,013	2,913	2,825
Pakistan <sup>e f</sup> .....	Million linear meters....	414	575	663	668	694	657	644	704
Turkey <sup>e</sup> .....	Million linear meters....	272	384	482	547	555	781	780	795
UK <sup>e</sup> .....	Million linear meters....	1,629	1,183	957	927	946	928	840	682
<b>Communist Countries</b>									
USSR <sup>b c</sup> .....	Million linear meters....	5,904	6,387	6,454	6,619	6,976	7,077	7,238	7,418
Bulgaria <sup>b</sup> .....	Million linear meters....	132	218	243	251	269	291	299	306
Czechoslovakia....	Million linear meters....	356	464	496	484	480	500	518	514
East Germany.....	Million square meters....	201	254	289	267	250	244	244	245
Hungary <sup>b</sup> .....	Million square meters....	234	239	272	283	304	313	325	329
Poland <sup>b</sup> .....	Million linear meters....	561	667	693	696	761	811	845	824
Rumania <sup>b</sup> .....	Million square meters....	243	248	299	301	302	319	338	357
Yugoslavia.....	Million square meters....	174	257	312	348	378	394	416	378

<sup>a</sup> Unless otherwise indicated, data are for fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>b</sup> Fabrics after undergoing finishing processes.

<sup>c</sup> Excluding mixed fabrics.

<sup>d</sup> Factory shipments.

<sup>e</sup> Mill and decentralized sector production.

<sup>f</sup> Mill production only. Data include finished fabrics.

Table 113

Production of Woven Woolen Fabrics<sup>a</sup> in Selected Free World and Communist Countries  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Free World Countries</b>									
US.....	Million linear meters....	290	262	283	260	233	244	242	217
Australia <sup>b</sup> .....	Million square meters....	23	25	21	24	20	20	20	18
Canada <sup>c</sup> .....	Million linear meters....	21	14	14	15	15	15	14	12
India <sup>d</sup> .....	Million linear meters....	8	8	8	18	12	10	9	9
Japan <sup>e</sup> .....	Million square meters....	155	316	333	356	350	341	345	377
Netherlands.....	Million square meters....	N.A.	68	68	71	72	67	69	N.A.
Turkey <sup>f</sup> .....	Million linear meters....	6	10	8	24	24	24	28	33
UK.....	Million square meters....	343	307	274	272	272	270	253	246
<b>Communist Countries</b>									
USSR <sup>g</sup> .....	Million linear meters....	252	342	366	370	372	365	398	427
Bulgaria.....	Million linear meters....	11	19	18	19	19	20	22	24
Czechoslovakia.....	Million linear meters....	39	46	48	46	43	44	45	50
East Germany.....	Million square meters....	32	48	48	39	37	38	39	38
Hungary.....	Million square meters....	26	27	30	29	30	29	31	35
Poland <sup>h</sup> .....	Million linear meters....	76	79	83	84	90	91	91	90
Rumania <sup>i</sup> .....	Million square meters....	31	32	34	38	41	41	44	50
Yugoslavia.....	Million square meters....	26	46	42	48	53	54	57	52

<sup>a</sup> Unless otherwise indicated, data are for woven woolen and worsted fabrics (in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up) and for mixed woolen fabrics.

<sup>b</sup> Twelve months ending 30 June of the stated year.

<sup>c</sup> Fabrics after undergoing finishing processes.

<sup>d</sup> Factory shipments.

<sup>e</sup> Data differ from those presented in the previous *Handbook* because the series has been revised to include wearable fabrics produced in the mill sector only.

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

<sup>g</sup> Excluding mixed fabrics.

Table 114

Production of Woven Rayon and Acetate Fabrics <sup>a</sup> in Selected Free World and Communist Countries  
 1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>Free World Countries</b>									
US.....	Million linear meters....	1,763	1,312	1,441	1,579	1,636	1,622	1,502	1,470
Canada.....	Million linear meters....	89	70	86	110	122	137	136	138
India <sup>b</sup> .....	Million linear meters....	227	550	602	651	835	870	853	870
Japan <sup>c</sup> .....	Million square meters...	1,396	1,828	1,642	1,624	1,595	1,653	1,661	1,630
UK <sup>d</sup> .....	Million linear meters....	552	564	517	513	558	572	564	484
<b>Communist Countries</b>									
USSR <sup>b d</sup> .....	Million linear meters....	474	755	906	921	940	897	970	1,080 <sup>e</sup>
Bulgaria <sup>b d e</sup> .....	Million linear meters....	4	11	11	13	15	15	17	19
Czechoslovakia....	Million linear meters....	47	58	64	57	55	59	62	65
East Germany.....	Million square meters...	53	57	57	55	52	55	59	62
Hungary <sup>d</sup> .....	Million square meters...	14	25	27	29	30	31	32	27 <sup>f</sup>
Poland <sup>d</sup> .....	Million linear meters....	80	103	93	94	102	103	104	114
Rumania <sup>d</sup> .....	Million square meters...	21	22	26	26	27	26	27	29
Yugoslavia.....	Million square meters...	12	19	22	21	23	24	30	27

<sup>a</sup> Unless otherwise indicated, data are for pure and mixed fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>b</sup> Including fabrics of noncellulosic fibers.

<sup>c</sup> Including finished fabrics.

<sup>d</sup> Fabrics after undergoing finishing processes.

<sup>e</sup> Including fabrics of natural silk.

<sup>f</sup> Pure rayon only.

Table 115

Production of Synthetic Fibers <sup>a</sup> in Selected Free World and Communist Countries  
 1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
Thousand Metric Tons								
<b>Free World Countries</b>								
US.....	172.0	307.2	440.2	523.2	638.1	806.0	938.4	1,058.4
Canada.....	5.6	17.0	22.9	26.3	29.9	38.0	45.0	N.A.
France.....	11.2	45.3	65.4	81.2	92.6	87.1	109.3	110.0
Italy.....	8.5	33.7	63.3	77.6	100.2	105.4	143.2	153.0
Japan.....	15.8	118.3	182.7	239.2	342.3	379.6	460.4	577.4
UK.....	18.4	61.0	82.9	105.4	126.4	148.0	174.7	180.0
West Germany <sup>b</sup> .....	11.5	52.3	93.1	107.8	139.9	179.3	213.4	245.0
<b>Communist Countries</b>								
USSR.....	8.9	15.0	33.9	42.6	56.9	77.5	96.3	115.8
Czechoslovakia.....	0.9	3.0	5.1	6.1	6.7	8.2	11.1	10.8
East Germany.....	3.4	7.8	14.3	15.6	17.1	18.9	20.6	20.5
Hungary <sup>c</sup> .....	<i>Negl.</i>	0.5	0.9	2.2	1.9	2.7	3.5	3.9
Poland.....	3.5	7.8	8.5	10.5	15.2	23.2	28.9	36.0
Rumania.....	<i>Negl.</i>	0.9	1.8	2.5	2.4	3.3	5.5	8.0

<sup>a</sup> Data are for noncellulosic fibers either made of natural polymers, which are based on materials such as casein or groundnuts, or made of synthetic polymers, which are based mostly on coal or petroleum. Data exclude waste, glass fibers, and rubber fibers.

<sup>b</sup> Excluding data for the Saar, and beginning in 1964, including data for West Berlin, for which separate data are not available.

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



Table 116

Production of Metalcutting Machine Tools \* in the US and Selected Communist Countries  
1955, 1960, and 1962-67

	Thousand Units							
	1955	1960	1962	1963	1964	1965	1966	1967
US.....	58.00*	42.91*	47.53*	50.35*	58.71*	68.01*	80.61*	86.78*
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	172*	243*	274*	275*	273*	279*	290*	N.A.
USSR.....	117.09*	155.92*	176.91*	182.74*	183.79*	185.82*	192.10*	197.00*
Eastern Europe.....	54.8*	87.4*	97.3*	92.2*	89.3*	93.5*	97.9*	N.A.
Bulgaria.....	1.40*	2.95*	5.65*	5.78*	5.99*	7.11*	8.22*	9.16*
Czechoslovakia.....	18.49*	30.23*	33.48*	27.20*	21.69*	24.33*	23.85*	N.A.
East Germany.....	14.73*	19.93*	18.68*	18.38*	16.51*	14.37*	14.43*	N.A.
Hungary.....	5.35*	7.40*	8.49*	8.12*	8.56*	9.40*	10.30*	9.70*
Poland.....	12.70*	22.50*	24.90*	27.30*	29.30*	31.10*	32.60*	32.30*
Romania.....	2.09*	4.44*	6.08*	5.45*	7.27*	7.16*	8.52*	9.69*
<b>Far East</b>								
North Korea.....	0.32*	2.90*	3.36*	3.33*	2.58	3.95	N.A.	N.A.
North Vietnam.....	0*	0.65*	1.20*	0.54*	1.04*	0.50*	N.A.	N.A.

\* An asterisk indicates that the data are unclassified.

\* Power-driven metalcutting machine tools that are not supported in the hands of an operator when in use and are designed to remove metal in the form of chips; in addition to lathes, planers, and the like, these machines include honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

Table 117

Production of Metalforming Machine Tools <sup>a</sup> in the US and the USSR  
 1955, 1960, and 1962-67

	Thousand Units							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	44.5	31.3	33.2	39.1	39.0	44.0	53.6	52.2
USSR .....	17.1	29.9	33.4	34.2	34.4	34.6	38.4	41.0

<sup>a</sup> Power-driven metalforming machine tools that are not supported in the hands of an operator when in use and are designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

<sup>b</sup> Excluding manually operated bending and forming machines, spinning lathes, and riveting, can-making, diecasting, wire-weaving, wiredrawing, knurling, and marking machines, which usually are included in the definition of metalforming machine tools by the US Department of Commerce.

Table 118

Production of Metallurgical Equipment <sup>a</sup> in Selected Communist Countries  
 1955, 1960, and 1962-67

	Thousand Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
COMMUNIST COUNTRIES								
USSR .....	172.1	218.3	240.1	235.6	240.6	242.3	252.2	290.0
Czechoslovakia <sup>b</sup> .....	41.7	105.1	133.5	118.2	125.3	85.5	87.6	N.A.
East Germany <sup>c</sup> .....	24.3	15.9	17.4	20.3	23.4	19.8	25.7	N.A.
Poland .....	22.9	21.7	28.0	32.4	35.0	40.1	38.3	44.0
Rumania .....	3.7	27.2	29.9	33.3	39.9	40.5	48.4	N.A.

<sup>a</sup> Unless otherwise indicated, data are for rolling mill equipment; mechanical equipment for coke, blast, and smelting furnaces; mixers; crushers; grinding mills for ore and coal; agglomeration installations; and special hoist-transport mechanisms for metallurgical shops. Equipment for nonferrous shops is believed to be included but probably amounts to only a small percentage of the total physical volume. Data for the US are not available in terms of metric tons.

<sup>b</sup> Beginning in 1965, data include fewer components and spare parts and are not comparable with earlier years.

<sup>c</sup> Rolling mill equipment only.

Table 119

Production of Chemical Equipment in Selected Communist Countries  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
<b>COMMUNIST COUNTRIES</b>									
USSR	Million new rubles <sup>a</sup> . . .	76*	226*	260*	289*	344*	387*	419*	429*
Bulgaria	Thousand tons <sup>b</sup> . . . . .	<i>Negl.</i>	<i>N.A.</i>	9*	9	9	9	9	<i>N.A.</i>
	Million leva . . . . .	<i>Negl.</i>	3*	3	3	3	3	3	<i>N.A.</i>
Czechoslovakia	Thousand tons . . . . .	31	57*	95*	91*	86*	82*	90	98
	Million korunas . . . . .	328*	794*	1,388*	1,365*	1,260*	1,324*	1,470	1,593
East Germany	Thousand tons . . . . .	33	58	76	83	76	86	102	<i>N.A.</i>
	Million DME <sup>c</sup> . . . . .	138*	285*	320*	349*	320*	363*	432*	492*
Hungary	Million forints . . . . .	<i>N.A.</i>	209	277	293	320	285	304	331
Poland	Thousand tons . . . . .	28*	29*	35*	44*	47*	57*	51*	51*
Rumania	Thousand tons . . . . .	<i>Negl.*</i>	17*	42*	44*	51*	36*	32*	50*
Yugoslavia	Billion dinars . . . . .	1	5	12	13	13	13	13	<i>N.A.</i>

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Expressed in 1955 prices.

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

<sup>c</sup> Deutsche Mark East (East German marks). Value figures are based on constant plan prices.

Table 120

Production of Electric Motors <sup>a</sup> in Selected Communist Countries  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
Thousand Kilowatts								
<b>COMMUNIST COUNTRIES</b>								
USSR <sup>b</sup>	8,819*	17,597*	22,607*	24,756*	26,032*	26,900*	28,174*	29,700*
Bulgaria	114*	919*	1,999*	2,074*	2,583*	2,864*	3,154*	3,461*
Czechoslovakia	1,180*	2,052*	3,516*	3,899*	3,858*	4,176*	3,971*	<i>N.A.</i>
Poland	1,235*	2,387*	3,321*	3,740*	4,206*	4,533*	4,512*	4,931*
Rumania	147*	559*	920*	1,010*	1,097*	1,254*	1,495*	1,679*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for alternating and direct current motors.

<sup>b</sup> Alternating current motors of 0.25 kilowatt and over.

Table 121

Production of Electric Generators <sup>a</sup> in the US and Selected Communist Countries  
 1955, 1960, and 1962-67

	Thousand Kilowatts							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	10,584*	12,899*	12,573*	14,279*	14,899*	15,451*	18,633*	23,267*
COMMUNIST COUNTRIES								
USSR .....	4,526*	7,915*	11,022*	11,838*	12,791*	14,390*	13,447*	14,575*
Bulgaria .....	10*	29*	12*	6*	33*	13*	N.A.	N.A.
Czechoslovakia <sup>c</sup> .....	963*	1,391*	1,344*	1,171*	1,325*	888*	2,075*	N.A.
Hungary <sup>c</sup> .....	225	N.A.	287*	649*	417*	416*	295*	N.A.
Rumania .....	54*	83*	107*	200*	278*	295*	310*	416*
Communist China .....	108	1,500	300	200	200	N.A.	N.A.	N.A.
North Korea .....	Negl.*	14*	40	50	50	65	N.A.	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Turbogenerators and hydrogenerators. Production of diesel generators is believed to be negligible in most instances.

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

<sup>c</sup> Generators for steam and gas turbines only.

Table 122

Production of Turbines <sup>a</sup> in the US and Selected Communist Countries  
 1955, 1960, and 1962-67

	Thousand Kilowatts							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	10,584*	12,899*	12,573*	14,279*	14,899*	15,451*	18,623*	23,267*
COMMUNIST COUNTRIES								
USSR <sup>c</sup> .....	5,571*	9,200*	11,900*	11,881*	13,257*	14,625*	15,172*	14,684*
Czechoslovakia .....	1,004*	1,555*	1,291*	2,006*	1,419*	1,994*	1,363*	N.A.
Poland <sup>d</sup> .....	19*	186*	405*	461*	474*	471*	647*	830*
Rumania <sup>e</sup> .....	15*	98*	34*	25*	43*	27*	44*	N.A.
Communist China .....	69*	1,500	300	200	200	N.A.	N.A.	N.A.
North Korea .....	N.A.	14*	40	50	50	65	N.A.	N.A.

\* An asterisk indicates that the data are unclassified.

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

<sup>b</sup> Shipments of units 4,000 kilowatts and larger. Data are available only for turbines produced as integral units together with generators. Therefore, data for turbines and generators for the US are assumed to be the same. Some turbines are produced in single units but no data are available on this production.

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

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

<sup>e</sup> Steam turbines of more than 500 kilowatts only.

Table 123

Value of Construction <sup>a</sup> in the US and Selected Communist Countries  
1955, 1960, and 1962-67

	Unit of Measure	1955	1960	1962	1963	1964	1965	1966	1967
US.....	Billion 1958 dollars.....	54.3	55.0	58.8	60.4	61.6	64.4	63.7	62.1
COMMUNIST COUNTRIES									
USSR <sup>b</sup> .....	Billion new rubles <sup>a</sup> .....	12.7	24.1	24.7	25.2	26.7	29.0	31.0	33.8
Bulgaria <sup>d</sup> .....	Billion current leva.....	0.35	0.65	0.70	0.79	0.82	0.91	1.07	1.25 <sup>e</sup>
Czechoslovakia <sup>f</sup> .....	Billion 1964 korunas.....	15.1	25.9	26.2	23.0	24.9	26.2	28.2	31.0 <sup>e</sup>
East Germany.....	Billion current DME <sup>a</sup> .....	4.47	7.52	8.25	8.36	9.08	9.88	10.42	14.36
Hungary.....	Billion 1959 forints.....	19.6	30.1	33.4	34.9	37.2	38.3	41.5	N.A.
Poland.....	Billion 1961 zlotys.....	51.1	76.2	86.7	88.5	95.8	102.7	111.3	N.A.
Rumania.....	Billion 1 January 1959 lei.....	7.05	11.75	15.24	16.98	18.90	20.30	22.50	27.15 <sup>e</sup>
North Korea.....	Billion 1957 won.....	0.22	0.31	0.33	0.35	0.36	N.A.	N.A.	N.A.
Albania <sup>h</sup> .....	Billion new leks <sup>i</sup> .....	0.30	0.54	0.70	0.73	0.75	0.83	N.A.	N.A.

<sup>a</sup> The individual series for the value of construction are presented to indicate a trend in the level of construction for each country. Because of the difficulty of determining valid rates of exchange, data are not presented in terms of a common currency. Official parity rates should be used with caution because they have been established and maintained arbitrarily and do not necessarily reflect the true ratio for construction. For example, the estimated ruble-dollar ratio for construction in the USSR in 1955 prices is about 0.70 new ruble to US \$1.

<sup>b</sup> State sector, private housing construction, and construction-installation work performed by collective farms.

<sup>c</sup> Expressed in investment prices of 1 July 1955 adjusted for new unit valuations introduced in 1956, for the reduction of overhead cost norms in 1958, and for the reduction of equipment installation prices in 1959. In addition, the series reflects adjustments for the reduction in 1962 of prices for project-survey work and of unit valuations for certain types of construction-installation work.

<sup>d</sup> Excluding private construction.

<sup>e</sup> Estimated.

<sup>f</sup> Excluding capital repairs.

<sup>g</sup> Deutsche Mark East (East German marks).

<sup>h</sup> Socialized sector.

<sup>i</sup> Expressed in 1961 prices. A currency reform of August 1965 revalued the lek at a ratio of 10 old leks to 1 new lek.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED  
CLASSIFIED MATERIAL ON THE REVERSE

Table 124  
 Total Housing Construction <sup>a</sup> in the US and Selected Communist Countries  
 1955, 1960, and 1962-67

	Thousand Square Meters							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	187,000	144,000	158,000	171,000	162,000	158,000	126,000	138,000
<b>COMMUNIST COUNTRIES</b>								
USSR.....	56,500	109,300	100,000	97,600	92,700	97,600	102,100	103,100
Bulgaria.....	2,466 <sup>c</sup>	2,797	2,575	2,647	2,806	2,745	2,639	N.A.
Czechoslovakia <sup>d</sup> .....	1,935	2,869	3,427	3,341	3,136	3,187	3,085	3,220 <sup>e</sup>
East Germany <sup>e</sup> .....	2,157	4,447	4,867	4,217	4,017	3,530	3,370	3,876* <sup>e</sup>
Hungary.....	2,352	3,333	3,105	3,164	3,274	3,385	3,448	3,585 <sup>e</sup>
Poland.....	4,467 <sup>f</sup>	7,598	7,087	7,119	7,759	8,099	8,515	N.A.
Rumania.....	2,904	7,007	7,872	7,194	7,592	7,599	7,628	N.A.
Albania <sup>h</sup> .....	117	201	263	229	159	136	N.A.	N.A.

<sup>a</sup> Total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

<sup>b</sup> Data are computed from the number of housing starts during the given years. Strictly speaking, therefore, the data on completions are more accurate for interyear comparisons than for any given year. Housing starts were converted to total floorspace by converting to square meters on the basis of varying sizes of structures.

<sup>c</sup> Data are for 1957.

<sup>d</sup> Living space only.

<sup>e</sup> New and reconditioned buildings.

<sup>f</sup> Data are for 1956.

\* Estimated.

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

Table 125

Production of Cement \*  
1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES.....	120,000*	144,000*	161,000*	168,000*	186,000*	188,000*	195,000*	197,000*
US.....	52,993*	56,063*	58,937*	61,609*	64,379*	65,078*	67,167*	65,321*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	36,100*	68,400*	83,100*	87,700*	94,600*	104,000*	116,000*	122,000*
USSR.....	22,484*	45,520*	57,328*	61,018*	64,934*	72,388*	80,000*	84,800*
Eastern Europe.....	13,600*	22,900*	25,800*	26,700*	29,600*	31,800*	35,600*	37,100*
Bulgaria.....	812*	1,586*	1,893*	2,205*	2,586*	2,681*	4,537*	3,358*
Czechoslovakia.....	2,892*	5,051*	5,710*	5,178*	5,493*	5,713*	6,130*	6,459*
East Germany.....	2,971*	5,032*	5,432*	5,458*	5,767*	6,087*	6,450*	7,182*
Hungary.....	1,175*	1,571*	1,733*	1,798*	2,257*	2,383*	2,601*	2,656*
Poland.....	3,813*	6,599*	7,544*	7,674*	8,761*	9,573*	10,040*	11,138*
Rumania.....	1,936*	3,054*	3,489*	4,369*	4,752*	5,406*	5,886*	6,339*
Far East								
Communist China.....	4,500*	9,000	5,500	7,300	8,700	10,900	12,000	10,200
North Korea.....	360*	2,285*	2,376*	2,530*	2,610*	2,400*	2,500*	2,500
North Vietnam.....	8*	408*	462*	495*	648*	660*	665*	170
Other								
Albania.....	45*	73*	120*	130*	128*	134*	138*	N.A.
Cuba.....	424*	813*	780*	810*	805	800	750	850
Yugoslavia.....	1,572*	2,398*	2,518*	2,848*	3,039*	3,102*	3,232*	3,313*

Other NATO Countries

	1955	1960	1967	1955	1960	1967	1955	1960	1967	
Belgium <sup>b</sup> ...	4,689*	4,388*	5,819*	Iceland.....	0*	73*	Portugal..	779*	1,202*	1,836*
Canada...	3,995*	5,338*	7,219*	Italy.....	10,781*	16,014*	Turkey....	817*	2,038*	4,302*
Denmark...	1,259*	1,442*	2,153*	Luxembourg..	157*	210*	UK.....	12,714*	13,501*	17,578*
France...	10,770*	14,349*	25,092*	Netherlands..	1,101*	1,798*	West Ger-			
Greece...	1,125*	1,649*	3,696*	Norway.....	800*	1,151*	many...	18,183*	24,905*	31,740* <sup>d</sup>

Other Free World Countries

	1955	1960	1967	1955	1960	1967	
India.....	4,559*	7,845*	11,279*	Japan....	10,563*	22,537*	43,256*

\* An asterisk indicates that the data are unclassified.  
 \* All types of hydraulic cements used in construction.  
<sup>b</sup> Excluding natural cement.  
<sup>c</sup> Data are for 1966 and are included in the NATO total for 1967.  
<sup>d</sup> Including data for West Berlin, for which separate data are not available.

**SECRET**

Figure 13

# SELECTED AGRICULTURAL INPUTS AND OUTPUT IN THE US AND THE USSR 1955, 1960, AND 1962-67

	INVESTMENT						
	1955	1960	1962	1963	1964	1965	1966 1967†
US (billion 1955 US \$)	3.3	2.8	3.2	3.6	3.8	3.9	4.1 4.0
Structures	0.7	0.5	0.6	0.6	0.6	0.5	0.5
Producers' durable equipment	2.6	2.2	2.6	3.0	3.0	3.4	3.6 3.5
USSR (billion new rubles 1955 prices) ††	3.8	5.2	6.3	6.9	8.2	9.0	10.0 10.4
Structures	2.0	3.2	3.7	3.9	4.6	5.2	6.4 6.8
Producers' durable equipment	1.8	2.0	2.6	3.0	3.6	3.8	3.6 3.6

† Preliminary.

†† Because of the problems inherent in converting rubles to dollars, the investment data for the USSR have not been converted inasmuch as the purpose of the data is to show general magnitude and growth, a precise conversion is not required.

	MINERAL FERTILIZER (nutrient content)						
	1955	1960	1962	1963	1964	1965	1966 1967
Thousand metric tons	5,943	7,410	8,838	9,930	10,633	11,930	13,193 14,313
US	2,299	3,281	4,078	4,647	6,009	7,389	8,438 9,400

	TRACTORS IN USE (end of year)						
	1955	1960	1962	1963	1964	1965	1966 1967
Thousand units	4,430	4,690	4,745	4,765	4,780	4,792	4,815 4,820
US (excluding steam and garden)	840	1,122	1,329	1,442	1,539	1,613	1,660 1,700

	FARM LABOR FORCE						
	1955	1960	1962	1963	1964	1965	1966 1967
Million persons	8.4	7.1	6.7	6.5	6.1	5.6	5.2 4.9
US	49.9	44.9	43.1	42.9	42.5	43.5	43.1 42.6

## INPUTS

	INDEXES OF AGRICULTURAL OUTPUT 1960=100						
	1955	1960	1962	1963	1964	1965	1966 1967
US	81	100	102	106	106	108	107 111
USSR	84	100	107	102	113	116	128 124

	PRODUCTION OF GRAIN						
	1955-59†††	1960	1962	1963	1964	1965	1966 1967
Million metric tons	154	181	163	177	164	183	183 205
US	104	93.0	109	92.0	100	140	120 123

††† Annual average.

## OUTPUT

**SECRET**



ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 126

## Arable Land

	Arable Land <sup>a</sup>	Total Area <sup>b</sup>	Arable Land as a Percent of the Total Area
	Thousand Hectares <sup>c</sup>		
<b>NATO COUNTRIES</b>			
US.....	185,152	936,339	20
Belgium.....	938	3,051	31
Canada.....	41,845	997,618	4
Denmark.....	2,708	4,304	63
France.....	20,828	54,703	38
Greece.....	3,848	13,194	29
Iceland.....	1	10,300	<i>Negl.</i>
Italy.....	15,302	30,122	51
Luxembourg.....	69	259	27
Netherlands.....	968	3,361 <sup>d</sup>	29
Norway.....	846	32,422	3
Portugal.....	4,370	8,886	49
Turkey.....	26,146	78,058	33
UK.....	7,496 <sup>e</sup>	24,403	31
West Germany.....	8,254	24,705	33
<b>Other Free World Countries</b>			
Argentina <sup>f</sup> .....	29,800	277,666	11
India <sup>g</sup> .....	161,940	326,800	50
Spain <sup>h</sup> .....	20,594	50,475	41
<b>COMMUNIST COUNTRIES</b>			
<b>USSR and Eastern Europe</b>			
USSR.....	235,700 <sup>i</sup>	2,227,200 <sup>j</sup>	11
<b>Eastern Europe</b>			
Bulgaria.....	4,564	11,091	41
Czechoslovakia.....	5,372	12,787	42
East Germany.....	4,924	10,830	45
Hungary.....	5,642	9,303	61
Poland.....	15,682	31,252	50
Rumania.....	10,502	23,750	44
<b>Far East</b>			
Communist China.....	106,675	956,100	11
North Korea.....	1,984	12,245	16
North Vietnam.....	2,200	15,875	14
<b>Other</b>			
Albania.....	511	2,875	18
Cuba.....	3,000	11,452	26
Mongolia.....	482	156,466	<i>Negl.</i>
Yugoslavia.....	8,266	25,580	32

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

<sup>b</sup> The total land area of the country and, unless otherwise indicated, bodies of inland water.

<sup>c</sup> One hectare equals 2.471 acres. Data are for various years during 1957-67.

<sup>d</sup> Land area only.

<sup>e</sup> Land belonging to agricultural holdings exceeding 0.405 hectare (1 acre).

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

<sup>g</sup> Including data for Kashmir-Jammu.

<sup>h</sup> Including data for the Balearic and Canary Islands.

<sup>i</sup> Including plowland, lands formerly cultivated but now idle, and vineyards and orchards.

<sup>j</sup> Official Soviet data (22,402,200 square kilometers) include the White Sea (90,000 square kilometers) and the Sea of Azov (40,000 square kilometers), which are excluded by definition from the data shown.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

CLASSIFIED MATERIAL ON THE REVERSE

SECRET

AGRICULTURE

Table 127  
Production of Grain <sup>a</sup>  
1955-59 Annual Average, 1960, and 1962-67

	Million Metric Tons							
	1955-59 Annual Average	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	255*	290*	281*	300*	285*	310*	316*	342*
US <sup>c</sup> .....	154*	181*	163*	177*	164*	183*	183*	205*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	145	137	152	135	165	149	191	173 to 176
USSR <sup>d</sup> .....	104*	93.0*	109*	92.0*	120*	100*	140*	120 to 123*
Eastern Europe.....	41.3	43.9	43.1	43.5	44.5	48.6	51.1	52.5
Bulgaria.....	3.59	4.04	3.82	3.85	4.46	4.59	5.81	5.58
Czechoslovakia.....	5.21*	5.74*	5.69*	5.64*	5.26*	5.24*	5.87*	6.52
East Germany <sup>e</sup> .....	4.93	5.60	5.34	5.03	5.42	5.99	5.19	6.01
Hungary.....	6.37*	6.86*	6.73*	6.31*	6.74*	7.29*	7.36*	7.52
Poland.....	13.2	13.1	13.0	13.5	13.0	14.8	14.7	14.9
Rumania.....	8.04	8.58	8.56	9.13	9.66	10.7	12.2	12.0
Far East								
Communist China <sup>f</sup> .....	180 *	160 to 165	175 to 180	170 to 185	180 to 190	185 to 195	180 to 195	190 to 200
North Korea <sup>h</sup> .....	2.12	2.68	3.14	N.A.	N.A.	N.A.	N.A.	N.A.
North Vietnam <sup>i</sup> .....	4.49	4.43*	4.82*	4.46*	4.59*	4.79*	N.A.	N.A.
Other								
Albania <sup>j</sup> .....	0.34*	0.22*	0.30*	0.28*	0.33*	0.33*	0.38	0.42
Cuba <sup>l</sup> .....	0.38*	0.48*	0.37*	0.38*	0.22	0.12	0.14	N.A.
Yugoslavia.....	8.59*	10.9*	9.51*	10.6*	11.7*	10.6*	13.9*	13.2*

Other NATO Countries

	1955-59 Annual Average			1955-59 Annual Average			1955-59 Annual Average				
	1960	1967	1960	1967	1960	1967	1960	1967			
Belgium.....	1.70*	1.79*	1.91*	Italy.....	14.2*	12.0*	15.1*	Portugal.....	1.65*	1.36*	1.70*
Canada.....	24.7*	25.4*	28.5*	Luxembourg...	0.09*	0.12*	0.16*	Turkey.....	11.1*	12.2*	15.4*
Denmark.....	3.70*	4.25*	5.83*	Netherlands...	1.58*	1.73*	1.79*	UK.....	8.39*	9.47*	14.7*
France.....	19.4*	22.8*	31.0*	Norway.....	0.46*	0.60*	0.62*	West Germany.	12.2*	14.2*	16.6*
Greece.....	2.33*	2.44*	3.28*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for barley, corn, oats, rice, rye, and wheat where they are produced.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including sorghum for grain.

<sup>d</sup> Including miscellaneous grains and pulses.

<sup>e</sup> Including miscellaneous grains.

<sup>f</sup> Including kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

<sup>g</sup> Annual average for 1957-59.

<sup>h</sup> Including buckwheat, millet, peas, and all beans except soybeans.

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

<sup>j</sup> Including buckwheat.

SECRET

Table 128

Production of Breadgrain (Wheat and Rye)  
1955-59 Annual Average, 1960, and 1962-67

Million Metric Tons

	1955-59 Annual Average	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>a</sup> .....	84.7*	95.2*	95.0*	95.4*	102*	105*	105*	111*			
US.....	30.5*	37.8*	30.8*	31.8*	36.0*	36.6*	36.4*	42.1*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	86.7	81.8	93.9	73.2	94.4	90.0	119	103			
USSR.....	63.8*	59.0*	71.0*	51.0*	71.0*	62.0*	92.0*	74.0*			
Eastern Europe.....	22.9	22.8	22.9	22.2	23.4	28.0	27.3	29.3			
Bulgaria.....	1.98	2.09	1.91	1.75	1.96	2.68	2.92	2.96			
Czechoslovakia.....	2.48*	2.40*	2.56*	2.65*	2.70*	2.81*	3.04*	3.21			
East Germany.....	3.16	3.30	2.80	2.72	2.92	3.34	2.85	3.32			
Hungary.....	2.33	2.12*	2.19*	1.74*	2.32*	2.63*	2.43*	2.94			
Poland.....	9.56*	9.36*	9.27*	9.49	9.54	11.1	10.9	11.0			
Romania.....	3.36*	3.55*	4.13*	3.88*	3.92*	5.47*	5.16*	5.90*			
Far East											
North Korea <sup>b</sup> .....	0.10	0.03	0.04	N.A.	N.A.	N.A.	N.A.	N.A.			
Other											
Albania.....	0.12*	0.07*	0.15*	0.06*	0.13*	0.10	0.15	0.10			
Yugoslavia.....	2.69*	3.80*	3.43*	4.30*	3.88*	3.62*	4.78*	4.99*			
Other NATO Countries											
	1955-59 Annual Average	1960	1967	1955-59 Annual Average	1960	1967	1955-59 Annual Average	1960	1967		
Belgium.....	0.92*	0.96*	0.92*	Italy.....	9.08*	6.90*	9.65*	Portugal.....	0.84*	0.63*	0.77*
Canada.....	12.9*	14.3*	16.5*	Luxembourg...	0.05*	0.05*	0.07*	Turkey.....	6.82*	7.67*	9.82*
Denmark.....	0.56*	0.77*	0.54*	Netherlands...	0.83*	1.05*	0.98*	UK.....	2.79*	3.07*	3.92*
France.....	10.2*	11.4*	14.7*	Norway.....	0.03*	0.03*	0.01*	West Germany.	7.51*	8.74*	8.98*
Greece.....	1.62*	1.72*	1.86*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Wheat only.

Table 129

Production of Coarse Grain (Barley, Corn, and Oats)  
1955-59 Annual Average, 1960, and 1962-67

Million Metric Tons

	1955-59 Annual Average	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>a</sup> .....	167*	191*	182*	200*	179*	201*	206*	225*
US <sup>b</sup> .....	121*	141*	130*	142*	125*	143*	143*	159*
COMMUNIST COUNTRIES <sup>c</sup>								
USSR and Eastern Europe...	58.0	55.0	58.2	62.1	69.0	57.5	70.6	70.0
USSR <sup>d</sup> .....	39.7*	34.0*	38.0*	41.0*	48.0*	37.0*	47.0*	47.0*
Eastern Europe.....	18.3	21.0	20.2	21.1	21.0	20.5	23.6	23.0
Bulgaria.....	1.56	1.93	1.88	2.06	2.47	1.87	2.85	2.57
Czechoslovakia <sup>e</sup> .....	2.73*	3.34*	3.13*	3.00*	2.56*	2.42*	2.83*	3.32
East Germany.....	1.77	2.30	2.54	2.31	2.50	2.65	2.34	2.68
Hungary <sup>e</sup> .....	3.97*	4.69*	4.50*	4.53*	4.38*	4.64*	4.89*	4.54
Poland <sup>f</sup> .....	3.62	3.73	3.71	3.98	3.42	3.71	3.79	3.92
Rumania.....	4.64	4.98	4.41*	5.20	5.70	5.18	6.94	6.00
Far East								
North Korea.....	0.87	1.14	1.34	N.A.	N.A.	N.A.	N.A.	N.A.
North Vietnam <sup>g</sup> .....	0.21*	0.21*	0.28*	0.22*	0.27*	0.28*	N.A.	N.A.
Other								
Albania.....	0.21*	0.14*	0.15*	0.21*	0.19*	0.22	0.22	0.31
Cuba <sup>g</sup> .....	0.17*	0.21*	0.16*	0.18*	0.10*	0.06*	0.06*	N.A.
Yugoslavia <sup>e</sup> .....	5.54*	7.06*	6.05*	6.25*	7.79*	6.94*	9.08*	8.26*

Other NATO Countries

	1955-59 Annual Average	1960	1967		1955-59 Annual Average	1960	1967		1955-59 Annual Average	1960	1967
Belgium <sup>h</sup> .....	0.77*	0.83*	0.99*	Italy.....	4.37*	4.48*	4.68*	Portugal.....	0.64*	0.58*	0.78*
Canada.....	11.7*	11.1*	12.0*	Luxembourg <sup>h</sup> .....	0.04* <sup>i</sup>	0.06*	0.09*	Turkey.....	4.17*	4.43*	5.36*
Denmark <sup>h</sup> .....	3.14*	3.48*	5.29*	Netherlands <sup>h</sup> .....	0.75*	0.68*	0.81*	UK <sup>h</sup> .....	5.60*	6.40*	10.8*
France.....	9.11*	11.3*	16.2*	Norway <sup>h</sup> .....	0.43*	0.57*	0.61*	West Germany.....	4.71* <sup>h</sup>	5.44* <sup>h</sup>	7.65*
Greece.....	0.66*	0.66*	1.33*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Including sorghum for grain, which amounted to 19.4 million metric tons in 1967.

<sup>c</sup> Unless otherwise indicated, data include miscellaneous grains.

<sup>d</sup> Including pulses.

<sup>e</sup> Excluding miscellaneous grains.

<sup>f</sup> Excluding corn and miscellaneous grains.

<sup>g</sup> Corn only.

<sup>h</sup> Excluding corn.

<sup>i</sup> Oats only.

Table 130  
Production of Rice <sup>a</sup>  
1955-59 Annual Average, 1960, and 1962-67

Thousand Metric Tons

	1955-59 Annual Average	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	3,440*	3,540*	4,210*	4,300*	4,490*	4,480*	5,020*	5,390*			
US.....	2,238*	2,476*	2,996*	3,187*	3,319*	3,460*	3,858*	4,056*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	404*	313*	365*	521*	591*	681*	844*	1,050			
USSR.....	246*	187*	270*	380*	470*	580*	710*	900*			
Eastern Europe.....	158*	126*	95*	141*	121*	101*	134*	153			
Bulgaria.....	47*	32*	39*	42*	32*	34*	47*	51			
Hungary.....	71*	45*	36*	48*	35*	21*	31*	43			
Rumania.....	40*	49*	20*	51*	54*	46*	56*	59*			
Far East											
North Korea.....	1,242*	1,513	1,750	1,549	1,619	N.A.	N.A.	N.A.			
North Vietnam.....	4,275*	4,212*	4,542*	4,241*	4,314*	4,512*	4,200	4,000			
Other											
Albania.....	6*	5*	6*	9*	8*	10*	9	N.A.			
Cuba.....	215*	270*	210*	200*	120	60	85	N.A.			
Yugoslavia.....	22*	22*	23*	23*	25*	25*	23*	23*			
Other NATO Countries											
	1955-59 Annual Average	1960	1967	1955-59 Annual Average	1960	1967	1955-59 Annual Average	1960	1967		
France.....	113*	103*	115*	Italy.....	734*	622*	780*	Turkey.....	136*	138*	195*
Greece.....	59*	54*	90*	Portugal..	163*	151*	152*				
Other Free World Countries											
	1955-59 Annual Average	1960	1967	1955-59 Annual Average	1960	1967	1955-59 Annual Average	1960	1967		
Burma...	6,985*	7,575*	7,350* <sup>c</sup>	Japan <sup>d</sup> ...	14,810*	16,074*	17,628*	South Vietnam <sup>e</sup> ..	3,137*	5,092*	4,336*
India <sup>d</sup> ...	43,363*	51,348*	60,000*	Pakistan <sup>d</sup> ..	12,828*	16,068*	18,000*	Thailand.....	7,084*	7,788*	10,000*
Indonesia	12,019*	12,849*	14,100* <sup>c</sup>								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Rough, or paddy, rice. Unless otherwise indicated, crop production statistics for the Northern Hemisphere relate generally to the harvests of the spring, summer, and autumn of the year stated, but for the more southerly regions of this hemisphere they relate to harvests continuing into the early part of the following year. For the Southern Hemisphere these data relate to crops generally harvested in the latter part of the year stated and the first half of the following year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data are for 1966.

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

<sup>e</sup> Data are as of 31 May of the stated year.

Table 131

Production of Potatoes <sup>a</sup>  
1955, 1960, and 1962-67

	Million Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	81.9*	86.5*	82.6*	87.5*	75.2*	73.0*	74.4*	77.6*			
US.....	11.53*	13.08*	13.55*	13.80*	12.16*	14.72*	15.59*	15.40*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe... <b>123</b>	<b>146</b>	<b>128</b>	<b>138</b>	<b>163</b>	<b>149</b>	<b>156</b>	<b>164</b>				
USSR.....	71.75*	84.37*	69.68*	71.83*	93.64*	88.68*	87.90*	95.00*			
Eastern Europe.....	<b>51.6</b>	<b>61.4</b>	<b>57.9</b>	<b>65.8</b>	<b>69.5</b>	<b>60.1</b>	<b>67.8</b>	<b>69.0</b>			
Bulgaria.....	0.36*	0.48*	0.36*	0.41*	0.50*	0.28*	0.42*	0.38			
Czechoslovakia.....	7.91*	5.09*	5.00*	6.51*	7.66*	3.68*	5.85*	5.38			
East Germany.....	11.20	14.20	11.96	11.60	11.54	11.57	11.54	12.85			
Hungary.....	2.47*	2.66*	1.88*	2.03*	1.65*	1.48*	2.43*	1.51			
Poland.....	27.02*	35.96*	36.08	42.60	45.52	40.92	44.26	45.83			
Rumania.....	2.61*	3.01*	2.60*	2.69*	2.62*	2.20*	3.35*	3.10*			
Far East											
North Korea <sup>e</sup> .....	0.62	0.79	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.			
North Vietnam <sup>d</sup> .....	0.70	0.92*	1.74*	1.68*	2.03*	1.18* <sup>o</sup>	N.A.	N.A.			
Other											
Albania.....	0.03*	0.02*	0.02*	0.02*	0.03*	0.02*	0.10	N.A.			
Cuba.....	0.13	0.09*	0.09*	0.08*	0.09	0.10	0.12	N.A.			
Yugoslavia.....	2.27*	3.27*	2.63*	3.02*	2.82*	2.38*	3.23*	2.50*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium....	2.45* <sup>f</sup>	2.29* <sup>f</sup>	2.04*	Greece.....	0.49*	0.47*	0.71*	Portugal.....	1.24*	1.17*	1.48*
Canada.....	2.02*	2.31*	2.26*	Italy.....	3.79*	4.28*	4.53*	Turkey.....	1.12*	1.40*	1.76*
Denmark...	1.61*	2.20*	0.98*	Netherlands...	4.57*	4.45*	4.47*	UK.....	7.14*	8.14*	7.79*
France.....	15.20*	17.80*	11.39*	Norway.....	1.10*	1.40*	0.96*	West Germany.	29.68*	27.49*	23.86*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for Irish potatoes.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including sweet potatoes and other starchy tubers such as taro and cassava.

<sup>d</sup> Sweet potatoes and manioc.

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

<sup>f</sup> Including data for Luxembourg.

Table 132

Production of Meat \*  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	22,900*	24,500*	26,200*	26,900*	27,900*	27,900*	28,700*	29,800*			
US.....	12,200*	12,795*	13,134*	13,862*	14,835*	14,304*	14,797*	15,517*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	8,480	10,800	11,700	12,300	11,000	12,800	13,600	14,300			
USSR <sup>c</sup> .....	5,690*	7,380*	8,140*	8,870*	7,300*	8,800*	9,500*	10,000*			
Eastern Europe.....	2,790	3,380	3,600	3,450	3,680	4,010	4,110	4,250			
Bulgaria.....	155	174	223	209	231	278	288	299			
Czechoslovakia.....	402	483	514	512	549	599	580	603			
East Germany.....	667	730	649	715	806	861	906	952			
Hungary <sup>d</sup> .....	314	430*	460*	456*	433*	476*	470*	470			
Poland <sup>e</sup> .....	894	1,148	1,285	1,192	1,226	1,334	1,368	1,411			
Rumania.....	361	414	465	365	430	462	500	518			
Far East											
Communist China.....	6,625	N.A.	3,900	4,800	5,600	N.A.	N.A.	N.A.			
North Korea.....	N.A.	65 <sup>f</sup>	82	83	N.A.	N.A.	N.A.	N.A.			
Other											
Albania.....	14	14	14	14	14	14	14	N.A.			
Yugoslavia <sup>d</sup> .....	481*	522*	543*	540*	558*	639*	558*	590			
Other NATO Countries <sup>g</sup>											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium <sup>h</sup> .....	411*	447*	553*	Greece <sup>i</sup> .....	105*	115*	194*	Portugal.....	169*	156*	144*
Canada.....	1,058*	1,114*	1,395*	Italy.....	830*	1,104*	1,206*	Turkey <sup>j</sup> .....	315*	215*	256*
Denmark.....	660*	766*	921*	Netherlands...	558*	704*	851*	UK <sup>k</sup> .....	1,602*	1,718*	2,008*
France.....	2,470*	2,613*	3,491*	Norway.....	123*	122*	132*	West Germany.	2,396*	2,617*	3,180*
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Argentina.....	2,452*	2,263*	3,051*	Brazil.....	1,458*	1,872*	2,027*	Mexico <sup>l</sup> .....	526*	655*	807*
Australia.....	1,253*	1,359*	1,617*	Japan <sup>m</sup> .....	235*	322*	775*	New Zealand...	620*	748*	855*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat where they are produced. Unless otherwise indicated, data exclude horsemeat, rabbit, poultry, edible offal, and lard.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including poultry, edible offal, and slaughter fats.

<sup>d</sup> Including horsemeat and live exports.

<sup>e</sup> Including horsemeat and edible offal.

<sup>f</sup> Plan data.

<sup>g</sup> Unless otherwise indicated, data include horsemeat.

<sup>h</sup> Including data for Luxembourg.

<sup>i</sup> Excluding horsemeat.

<sup>j</sup> Including horsemeat.

Table 133

Production of Milk <sup>a</sup>  
 1955, 1960, and 1962-67

	Thousand Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	136,000*	149,000*	155,000*	154,000*	153,000*	154,000*	155,000*	156,000*
US.....	55,850*	55,702*	57,162*	56,703*	57,606*	56,324*	54,535*	54,522*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	63,000*	82,600*	84,800*	82,800*	86,500*	96,900*	102,000*	106,000*
USSR.....	40,800*	55,500*	58,100*	56,300*	59,500*	68,200*	71,200*	74,500*
Eastern Europe.....	22,200*	27,100*	26,700*	26,500*	27,000*	28,700*	30,800*	31,900*
Bulgaria.....	382*	744*	772*	797*	926*	1,000*	1,111*	1,224*
Czechoslovakia <sup>c</sup> .....	3,521*	3,830*	3,664*	3,536*	3,764*	3,924*	4,169*	4,400*
East Germany <sup>d</sup> .....	5,077*	5,730*	5,216*	5,569*	5,750*	6,371*	6,728*	6,930*
Hungary <sup>e</sup> .....	1,525*	1,957*	1,806*	1,804*	1,856*	1,762*	1,851*	1,962*
Poland.....	9,903*	12,488*	12,860*	12,641*	12,592*	13,330*	14,220*	14,523*
Rumania.....	1,816*	2,356*	2,403*	2,184*	2,116*	2,302*	2,674*	2,824*
Other								
Albania.....	34	44	44	45	45	45	44	N.A.
Cuba.....	735*	742*	660*	660*	780	780	950	N.A.
Yugoslavia.....	1,701*	2,280*	2,218*	2,168*	2,238*	2,303*	2,510*	2,650*

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium...	3,769*	3,891*	4,016*	Greece.....	320*	392*	544*	Norway.....	1,615* <sup>e</sup>	1,613*	1,654*
Canada...	7,846*	8,385*	8,255*	Italy.....	8,142*	9,648*	9,525*	Turkey.....	1,642*	2,241*	2,610*
Denmark...	5,124*	5,399*	5,209*	Luxembourg.	179*	185*	198*	UK.....	10,811*	12,670*	11,517* <sup>f</sup>
France...	18,328*	22,652*	28,999*	Netherlands.	5,725*	6,838*	7,475*	West Germany.	16,907*	19,250*	21,949*

\* An asterisk indicates that the data are unclassified.

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

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including milk sucked by young animals.

<sup>d</sup> In terms of 3.5 percent butter-fat content.

<sup>e</sup> Including goat milk.

<sup>f</sup> Under Milk Marketing Schemes only.



Table 134

Production of Sugar \*  
1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	9,460*	12,000*	10,500*	12,000*	14,100*	13,100*	13,100*	N.A.*
US <sup>c</sup> .....	3,199*	3,637*	3,990*	4,415*	5,066*	4,842*	4,789*	4,803*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	6,460	11,000	11,600	10,300	12,900	15,100	14,300	14,600
USSR <sup>d</sup> .....	3,419*	6,363*	7,800*	6,219*	8,209*	11,037*	9,740*	9,900*
Eastern Europe.....	3,050	4,620	3,810	4,120	4,720	4,060	4,550	4,720
Bulgaria.....	69*	186*	153*	155*	243*	340*	382	357
Czechoslovakia.....	778	1,179	904	1,035	994	717	849	871
East Germany.....	720*	900*	668*	789*	818*	632*	686*	690
Hungary <sup>e</sup> .....	270*	414*	389*	408*	488*	465*	473*	469*
Poland <sup>f</sup> .....	1,066*	1,511*	1,328*	1,424*	1,798*	1,472*	1,684*	1,848*
Rumania.....	143*	425*	372*	313*	379*	437*	480*	484*
Far East								
Communist China <sup>g</sup> .....	717	920	480	540	1,100	1,500	1,500	1,700
North Vietnam.....	1.6	10	19*	25*	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	8*	15*	10*	13*	14	13	13	N.A.
Cuba <sup>h</sup> .....	4,528*	5,862*	4,815*	3,821*	4,400	6,050	4,450	6,130
Yugoslavia.....	117*	289*	246*	340*	349*	369*	512*	510*

Other NATO Countries

	1955	1960	1966	1955	1960	1966	1955	1960	1966	
Belgium <sup>b</sup> .....	381*	507*	411*	Greece.....	0*	0*	Turkey.....	277*	699*	651*
Canada.....	135*	152*	145*	Italy.....	1,171*	998*	UK.....	698*	860*	936*
Denmark.....	275*	322*	325*	Netherlands.....	416*	669*	West Germany.	1,298*	1,877*	1,917*
France.....	1,595*	2,267*	1,856*	Portugal <sup>i</sup> .....	11*	14*				

Other Free World Countries \*

	1955	1960	1966	1955	1960	1966	1955	1960	1966	
Australia.....	1,156*	1,441*	2,447*	Dominican Republic.	614*	1,112*	Mexico.....	961*	1,530*	2,252*
Brazil.....	2,073*	3,319*	3,852*	India.....	1,756*	2,814*	Philippines....	1,244*	1,398*	1,443*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 92 percent of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

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

<sup>d</sup> Refined, including imported raw sugar.

<sup>e</sup> Including raw sugar imported for refining.

<sup>f</sup> Data are for the campaign year beginning in September of the year stated and ending in March of the following year.

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

<sup>h</sup> Including data for Luxembourg.

<sup>i</sup> Data are for the Azores and Madeira only.

Table 135

Fish Catch <sup>a</sup>  
1955, 1960, and 1962-67

	Thousand Metric Tons							
	1955	1960	1962	1963	1964	1965	1966	1967
<b>NATO COUNTRIES</b> .....	<b>10,200*</b>	<b>10,100*</b>	<b>10,700*</b>	<b>10,800*</b>	<b>11,300*</b>	<b>12,400*</b>	<b>12,800*</b>	<b>N.A.*</b>
US.....	2,790.4*	2,814.7*	2,972.9*	2,777.0*	2,647.1*	2,724.3*	2,514.6*	N.A.*
<b>COMMUNIST COUNTRIES <sup>b</sup></b>								
USSR and Eastern Europe...	2,960*	3,880*	4,550*	5,140*	5,710*	6,380*	N.A.	N.A.
USSR.....	2,737.0*	3,541.2*	4,168.1*	4,681.1*	5,171.0*	5,774.0*	6,093.0*	6,515.0*
Eastern Europe.....	224*	339*	380*	464*	538*	607*	N.A.	N.A.
Bulgaria <sup>c</sup> .....	4.5*	7.9*	5.1*	4.3*	9.9*	17.3*	23.6*	N.A.
Czechoslovakia.....	6.3*	8.8*	10.1*	9.7*	10.6*	11.0*	11.5*	N.A.
East Germany.....	69.0*	114.4*	150.1*	184.8*	218.0*	229.4*	222.1*	N.A.
Hungary.....	9.5*	14.9*	21.0*	21.0*	22.7*	24.8*	N.A.	N.A.
Poland <sup>d</sup> .....	107.1*	168.0*	164.0*	209.7*	244.4*	280.1*	316.5*	323.0*
Rumania.....	27.5*	25.0*	30.0*	34.4*	32.4*	44.3*	43.7*	46.7*
Far East								
Communist China.....	2,518.0 <sup>e</sup>	3,450.0 <sup>e</sup>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea.....	313.0*	465.0*	N.A.	640.0*	770.0*	785.0*	N.A.	N.A.
North Vietnam.....	96.0	166.7	184.8	N.A.	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	2.6*	2.6*	2.8*	3.5*	3.6*	N.A.	N.A.	N.A.
Cuba.....	12.8*	31.2*	35.0*	35.6*	36.3*	40.3*	43.2*	60.0*
Yugoslavia.....	22.6*	30.9*	30.3*	34.4*	38.4*	42.0*	45.5*	N.A.

Other NATO Countries

	1955	1960	1966	1955	1960	1966	1955	1960	1966
Belgium....	80.0*	63.7*	62.7*	Italy.....	257.7*	249.5*	334.1*	Portugal <sup>l</sup> ..	433.8* 475.1* 501.6*
Canada....	965.0*	934.5*	1,348.8*	Luxemb- bourg <sup>l</sup> ..	0.3*	0.3*	0.6* <sup>h</sup>	Turkey <sup>l</sup> ..	111.5* 89.4* 135.7* <sup>g</sup>
Denmark... 425.3*	581.2*	850.8*	Nether- lands... 319.5*	314.7*	353.1*	West Ger- many... 814.8*	674.0*	657.3*	
France.... 594.6*	734.2*	804.8*	Norway... 1,813.4*	1,543.0*	2,849.4*	UK..... 1,100.4*	923.8*	1,066.6*	
Greece <sup>l</sup> .... 60.0*	87.0*	124.0* <sup>g</sup>							
Iceland.... 480.3*	592.8*	1,240.3*							

Other Free World Countries

	1955	1960	1966	1955	1960	1966	1955	1960	1966
India <sup>l</sup> .....	839.0*	1,161.4*	1,367.6*	Japan <sup>l</sup> ....	4,907.6*	6,192.7*	7,077.4*	Spain.....	770.3* <sup>j</sup> 969.9* 1,357.4*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for all species of fish and seaweed, crustaceans, and mollusks, but exclude aquatic mammals. Data are in terms of live weight.

<sup>b</sup> Including aquatic mammals.

<sup>c</sup> Commercial catch only.

<sup>d</sup> Salt water catch only.

<sup>e</sup> Fish only.

<sup>f</sup> Including landed weight.

<sup>g</sup> Data are for 1965 and are included in the NATO total for 1966.

<sup>h</sup> Data are for 1963 and are included in the NATO totals for 1964-66.

<sup>i</sup> Including data for the Azores and Madeira.

<sup>j</sup> Excluding mollusks cultivated in parks and "viveros" and aquatic plants.

SECRET

Table 136

Number of Cattle \*  
1955, 1960, and 1962-68

Million Head

	1955	1960	1962	1963	1964	1965	1966	1967	1968
<b>NATO COUNTRIES</b> <sup>b</sup> .....	<b>178*</b>	<b>185*</b>	<b>192*</b>	<b>196*</b>	<b>198*</b>	<b>202*</b>	<b>204*</b>	<b>205*</b>	<b>206*</b>
US.....	96.59*	96.42*	100.00*	103.74*	106.74*	109.00*	108.86*	108.64*	108.81*
<b>COMMUNIST COUNTRIES</b>									
USSR and Eastern Europe.....	<b>80.8*</b>	<b>99.3*</b>	<b>109*</b>	<b>114*</b>	<b>112*</b>	<b>114*</b>	<b>121*</b>	<b>126*</b>	<b>N.A.</b>
USSR.....	56.67*	74.16*	82.08*	86.99*	85.45*	87.17*	93.44*	97.08*	97.10*
Eastern Europe.....	24.1*	25.2*	26.9*	26.9*	27.0*	27.3*	27.9*	28.8*	N.A.
Bulgaria.....	1.61*	1.28*	1.58*	1.58*	1.49*	1.47*	1.45*	1.39*	1.36*
Czechoslovakia.....	4.04*	4.30*	4.52*	4.51*	4.48*	4.44*	4.39*	4.46*	4.48
East Germany <sup>c</sup> .....	3.76* <sup>d</sup>	4.46* <sup>d</sup>	4.55*	4.51*	4.61*	4.68*	4.76*	4.92*	5.02*
Hungary <sup>e</sup> .....	2.13*	1.97*	1.99*	1.91*	1.88*	1.96*	1.97*	2.01*	2.09*
Poland <sup>f</sup> .....	7.91*	8.70*	9.59*	9.84*	9.94*	9.95*	10.39*	10.77*	N.A.
Rumania.....	4.63*	4.45*	4.71*	4.57*	4.64*	4.76*	4.94*	5.20*	5.33*
Far East									
North Korea.....	N.A.	0.67*	0.68	0.68*	0.70	0.69	N.A.	N.A.	N.A.
North Vietnam <sup>g</sup> .....	1.84*	2.40*	2.23*	2.27*	2.30*	2.38*	2.44*	2.47*	2.50*
Other									
Albania <sup>h</sup> .....	0.43*	0.43*	0.42*	0.41*	0.41*	0.43*	0.43*	0.42	N.A.
Cuba.....	4.45*	5.76*	5.80*	6.00	6.18	N.A.	N.A.	N.A.	7.20*
Yugoslavia.....	5.29*	5.30*	5.88*	5.36*	5.09*	5.22*	5.58*	5.71*	N.A.

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium <sup>b</sup> .....	2.38*	2.69*	2.78*	Greece <sup>h</sup> .....	0.99*	1.12*	1.14*	Portugal.....	0.90*	1.11*	1.06*
Canada <sup>i</sup> .....	9.47*	10.49*	11.78*	Italy <sup>k</sup> .....	9.03*	9.40*	9.75*	Turkey <sup>l</sup> .....	11.94*	13.48*	15.18*
Denmark <sup>j</sup> .....	3.09*	3.31*	3.14*	Netherlands.....	3.00*	3.16*	3.66*	UK.....	10.67*	11.48*	12.02*
France <sup>k</sup> .....	17.32*	18.74*	21.42*	Norway.....	1.17*	1.08*	0.97*	West Germany.....	11.52*	12.48*	13.98*

Other Free World Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Argentina <sup>l</sup> .....	44.00*	43.40*	53.00*	Brazil.....	61.42*	72.83*	91.09*	World total <sup>m</sup> ..	912.00*	1,007.02*	1,153.20*
Australia <sup>l</sup> .....	15.84*	16.50*	18.50*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are as of the beginning of the year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Unless otherwise indicated, data are as of 30 November of the previous year.

<sup>d</sup> As of 31 December of the previous year.

<sup>e</sup> As of March of the stated year.

<sup>f</sup> As of 30 June of the stated year.

<sup>g</sup> Including buffaloes.

<sup>h</sup> Including data for Luxembourg.

<sup>i</sup> Excluding data for Newfoundland.

<sup>j</sup> Including data for the Faeroe Islands and Greenland.

<sup>k</sup> As of 31 October of the previous year.

<sup>l</sup> As of 31 March of the previous year.

<sup>m</sup> Estimated, including countries for which data are not available.

Table 137

Number of Hogs <sup>a</sup>  
1955, 1960, and 1962-68

	Million Head										
	1955	1960	1962	1963	1964	1965	1966	1967	1968		
NATO COUNTRIES <sup>b</sup> .....	98.7*	113*	115*	117*	116*	113*	109*	115*	120*		
US.....	50.47*	59.03*	57.00*	58.88*	58.12*	50.79*	47.41*	53.25*	54.26*		
COMMUNIST COUNTRIES											
USSR and Eastern Europe.	67.1*	91.9*	108*	108*	82.0*	97.1*	102*	101*	N.A.		
USSR.....	30.92*	53.37*	66.70*	69.96*	40.86*	52.84*	59.58*	58.00*	50.80*		
Eastern Europe.....	36.2*	38.5*	41.8*	37.6*	41.2*	44.3*	42.2*	42.5*	N.A.		
Bulgaria.....	1.32*	2.27*	2.33*	2.07*	2.10*	2.61*	2.41*	2.28*	2.31*		
Czechoslovakia.....	4.77*	5.69*	5.90*	5.90*	5.84*	6.14*	5.54*	5.30*	5.58*		
East Germany <sup>o</sup> .....	9.03* <sup>d</sup>	8.28* <sup>d</sup>	8.86*	8.04*	9.29*	8.76*	8.88*	9.31*	9.25*		
Hungary <sup>e</sup> .....	5.82*	5.36*	6.41*	5.43*	6.36*	6.96*	5.80*	6.00*	6.59*		
Poland <sup>f</sup> .....	10.89*	12.62*	13.62*	11.65*	12.92*	13.78*	14.25*	14.23*	N.A.		
Rumania.....	4.37*	4.30*	4.66*	4.52*	4.66*	6.03*	5.36*	5.40*	5.75*		
Far East											
North Korea.....	0.70	1.12*	1.40*	1.14*	1.44	1.21	N.A.	N.A.	N.A.		
North Vietnam.....	2.14*	3.63*	3.74*	4.24*	4.21*	4.48*	4.84*	5.10*	5.20*		
Other											
Albania.....	0.08*	0.12*	0.13*	0.11*	0.11*	0.15*	0.14*	0.14	N.A.		
Cuba.....	1.36*	1.72*	1.42*	1.66*	N.A.	N.A.	N.A.	N.A.	N.A.		
Yugoslavia.....	4.73*	6.21*	5.16*	5.01*	6.12*	6.98*	5.12*	5.52*	N.A.		
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium <sup>g</sup> .....	1.45*	1.73*	2.52*	Greece.....	0.62*	0.64*	0.64*	Portugal.....	1.41*	1.80*	1.48*
Canada <sup>h</sup> .....	5.42*	6.42*	6.06*	Italy.....	3.75*	4.15*	5.00*	Turkey.....	0.01*	0.01*	0.02*
Denmark <sup>i</sup> .....	4.81*	6.20*	8.06*	Netherlands...	2.33*	2.94*	4.73*	UK.....	5.84*	6.01*	7.64*
France <sup>j</sup> .....	7.57*	8.36*	9.75*	Norway.....	0.46*	0.50*	0.54*	West Germany.	14.52*	14.88*	19.03*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are as of the beginning of the year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Unless otherwise indicated, data are as of 30 November of the previous year.

<sup>d</sup> As of 3 December of the previous year.

<sup>e</sup> As of March of the stated year.

<sup>f</sup> As of 30 June of the stated year.

<sup>g</sup> Including data for Luxembourg.

<sup>h</sup> Excluding data for Newfoundland.

<sup>i</sup> Including data for the Faeroe Islands.

<sup>j</sup> As of 31 October of the previous year.

Table 138

Production of Ginned Cotton  
1955, 1960, and 1962-67

	Thousand Metric Tons										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES *	3,410*	3,340*	3,570*	3,690*	3,700*	3,660*	2,560*	2,150*			
US.....	3,205.1*	3,107.3*	3,236.8*	3,338.5*	3,305.0*	3,259.9*	2,084.7*	1,658.6*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	1,350*	1,480*	1,480*	1,780*	1,810*	1,940*	2,060*	2,050			
USSR.....	1,320.0*	1,458.0*	1,463.0*	1,771.0*	1,797.0*	1,925.0*	2,033.0*	2,030.0*			
Eastern Europe.....	27.1*	21.5*	16.1*	13.1*	14.2*	12.6*	22.0*	17.0			
Bulgaria.....	20.4*	21.1*	16.1*	13.1*	14.2*	12.6*	22.0*	17.0			
Rumania.....	6.7*	0.4*	<i>Negl.*</i>	<i>Negl.*</i>	0*	0*	0*	0*			
Far East											
Communist China.....	1,520.0	1,200.0	750.0	800.0	1,000.0	1,000.0	1,200.0	1,300.0			
North Vietnam.....	0.9	1.5*	1.9*	2.0*	2.0	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>			
Other											
Albania.....	4.1*	5.4*	6.2*	7.7*	7.7*	8.1*	9.0	<i>N.A.</i>			
Cuba.....	0*	7.2*	3.6*	3.5*	1.0	0.7	0.7	<i>N.A.</i>			
Yugoslavia.....	3.0*	2.4*	2.0*	2.8*	2.6*	1.7*	2.0*	2.2*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Greece.....	60.7*	62.7*	95.8*	Italy.....	13.9*	5.7*	2.4*	Turkey.....	130.6*	168.7*	391.9*
Other Free World Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Argentina.....	122.6*	123.9*	82.5*	UAR.....	334.2*	478.1*	435.4*	Mexico.....	489.9*	457.2*	446.3*
Brazil.....	370.1*	424.6*	500.8*	India.....	823.0*	1,008.0*	1,132.1*	Pakistan....	309.2*	304.4*	500.8*

\* An asterisk indicates that the data are unclassified.

\* NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are for the crop year—that is, the year beginning 1 August of the stated year.

Table 139

Production of Wool <sup>a</sup>  
1955, 1960, and 1962-67

Thousand Metric Tons

	1955	1960	1962	1963	1964	1965	1966	1967		
<b>NATO COUNTRIES <sup>b</sup></b> .....	<b>293*</b>	<b>327*</b>	<b>318*</b>	<b>307*</b>	<b>292*</b>	<b>288*</b>	<b>285*</b>	<b>282*</b>		
US.....	138.2*	146.3*	135.8*	130.2*	120.0*	109.4*	106.6*	103.5*		
<b>COMMUNIST COUNTRIES</b>										
USSR and Eastern Europe...	<b>317*</b>	<b>427*</b>	<b>444*</b>	<b>445*</b>	<b>418*</b>	<b>436*</b>	<b>450*</b>	<b>479</b>		
USSR.....	256.0*	356.8*	371.4*	372.7*	340.7*	356.9*	371.0*	395.0*		
Eastern Europe.....	<b>60.6*</b>	<b>70.3*</b>	<b>72.6*</b>	<b>72.4*</b>	<b>77.7*</b>	<b>78.8*</b>	<b>79.3*</b>	<b>83.9</b>		
Bulgaria.....	14.4*	21.0*	22.8*	23.7*	25.4*	25.8*	25.0*	26.4		
Czechoslovakia.....	2.9*	2.5*	2.1*	1.8*	1.9*	2.0*	2.2*	2.3		
East Germany.....	7.1*	7.7*	7.1*	7.5*	7.8*	8.0*	8.1*	8.0		
Hungary.....	5.7*	8.3*	9.4*	9.5*	10.5*	10.1*	9.9*	9.6		
Poland.....	9.8*	9.0*	8.2*	7.3*	7.3*	7.5*	8.0*	8.4*		
Rumania.....	20.7*	21.8*	23.0*	22.6*	24.8*	25.4*	26.1*	29.2*		
Other										
Albania.....	2.6	2.2	2.4	2.4	2.5	2.5	2.5	N.A.		
Yugoslavia.....	16.2*	13.6*	12.0*	12.6*	12.2*	12.6*	13.5*	14.0*		
<b>Other NATO Countries</b>										
	1955	1960	1967	1955	1960	1967	1955	1960	1967	
Canada.....	3.6*	3.8*	2.1*	Italy.....	14.0*	13.4*	Turkey.....	36.7*	47.4*	45.0*
France.....	25.4*	29.5*	27.9*	Norway.....	3.6*	3.6*	UK.....	45.2*	55.0*	58.5*
Greece.....	10.7*	11.4*	8.8*	Portugal.....	10.3*	11.0*	West Germany.	5.3*	5.2*	2.9*
<b>Other Free World Countries</b>										
	1955	1960	1967	1955	1960	1967	1955	1960	1967	
Argentina.....	161.9*	221.1*	209.0* <sup>o</sup>	India.....	32.7*	34.1*	South Africa <sup>d</sup> ..	133.4*	135.7*	152.0*
Australia.....	639.6*	740.3*	802.7*	New Zealand.	206.4*	266.7*	Uruguay.....	78.0*	82.0*	81.0*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Raw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheepskins."<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed "Other NATO Countries."<sup>o</sup> Including wool exported on skins.<sup>d</sup> Including data for Lesotho and South-West Africa.

AGRICULTURE

SECRET

Table 140

Production of Grain Combines \* in the UK, the US, and Selected Communist Countries  
1955, 1960, and 1962-67

	Units							
	1955	1960	1962	1963	1964	1965	1966	1967
UK <sup>b</sup> .....	6,209*	3,213*	2,845*	4,674*	5,281*	5,243*	3,786*	2,900*
US.....	63,739*	30,165*	24,790*	31,961*	37,705*	37,606*	46,283*	39,962*
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	51,200*	69,300*	91,100*	89,800*	89,600*	91,200*	99,700*	110,000*
USSR.....	48,000*	59,000*	79,800*	82,900*	83,600*	85,800*	92,000*	101,000*
Eastern Europe.....	3,190*	10,300*	11,300*	6,880*	6,040*	5,380*	7,660*	8,830*
Bulgaria <sup>c</sup> .....	300*	0*	0*	0*	0*	0*	0*	0*
East Germany.....	1,053*	1,972*	2,352*	1,801*	1,456*	1,585*	1,588*	1,600*
Hungary.....	1,535*	2,266*	2,553*	608*	0*	0*	0*	0*
Poland.....	300*	564*	561*	810*	1,515*	1,781*	2,024*	2,232*
Rumania.....	0*	5,500*	5,810*	3,660*	3,070*	2,012*	4,049*	5,000*
Far East								
Communist China.....	3*	2,590*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

\* An asterisk indicates that the data are unclassified.

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

<sup>b</sup> Deliveries.

<sup>c</sup> Production ceased by 1959, and there has been no indication that production is to be resumed.

Table 141

Production of Tractors \*  
1955, 1960, and 1962-67

	Thousand Units							
	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	752*	582*	627*	660*	676*	728*	748*	701*
US.....	377.1*	178.5*	207.3*	224.3*	240.6*	271.6*	298.3* <sup>d</sup>	261.9* <sup>e</sup>
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	200*	308*	369*	404*	416*	441*	471*	500*
USSR.....	163.4*	238.5*	287.0*	325.3*	329.0*	354.5*	382.5*	405.0*
Eastern Europe.....	36.7*	69.0*	82.4*	78.9*	87.5*	86.5*	88.9*	94.5*
Bulgaria.....	0*	0* <sup>d</sup>	Negl.*	0.6*	1.6*	2.8*	2.1*	2.3*
Czechoslovakia.....	12.6*	32.5*	31.5*	28.4*	29.7*	30.5*	28.2*	28.2*
East Germany.....	7.8*	9.1*	14.2*	16.5*	18.0*	12.9*	12.2*	13.0*
Hungary.....	4.7*	2.6*	2.6*	3.1*	3.0*	3.0*	3.3*	3.6*
Poland.....	8.1*	7.7*	12.6*	17.0*	19.2*	21.5*	24.6*	29.8*
Rumania.....	3.5*	17.1*	21.5*	13.3*	16.0*	15.8*	18.5*	17.6*
Far East								
Communist China.....	0*	10.8	8.3	10.0	12.0	13.4	16.2	16.2
North Korea.....	0*	3.0*	2.5*	3.0*	2.2	4.4	5.0	5.9
Other								
Yugoslavia.....	1.1*	7.3*	5.4*	8.1*	9.4*	7.4*	8.7*	8.8*

Other NATO Countries

	1955	1960	1967	1955	1960	1967	1955	1960	1967		
France.....	65.7*	63.4*	63.1*	UK *.....	135.2*	182.3*	185.0* <sup>f</sup>	West Germany *.	149.4*	120.7*	115.0*
Italy.....	24.3*	37.6*	76.0*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Physical units.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The data exclude garden-type tractors.

<sup>c</sup> Data for wheel-type tractors are shipments.

<sup>d</sup> Production began in 1960 but was limited to a test series.

<sup>e</sup> Including industrial wheeled tractors.

<sup>f</sup> Deliveries.

<sup>g</sup> Excluding tracklaying tractors.

SECRET

# MILITARY LOADING CAPACITIES OF SELECTED PORTS

Metric Ton Capacity Based on a 20 Hour Day

Sanitized - Approved For Release :  
CIA-RDP79S01091A000100030001-7

USSR PORTS ON THE PACIFIC COAST	
NAKHODKA	36,600
NIKOLAYEV	25,400
VLADIVOSTOK	27,400

SECRET  
NO FOREIGN DISSEM

58972 4-68 CIA

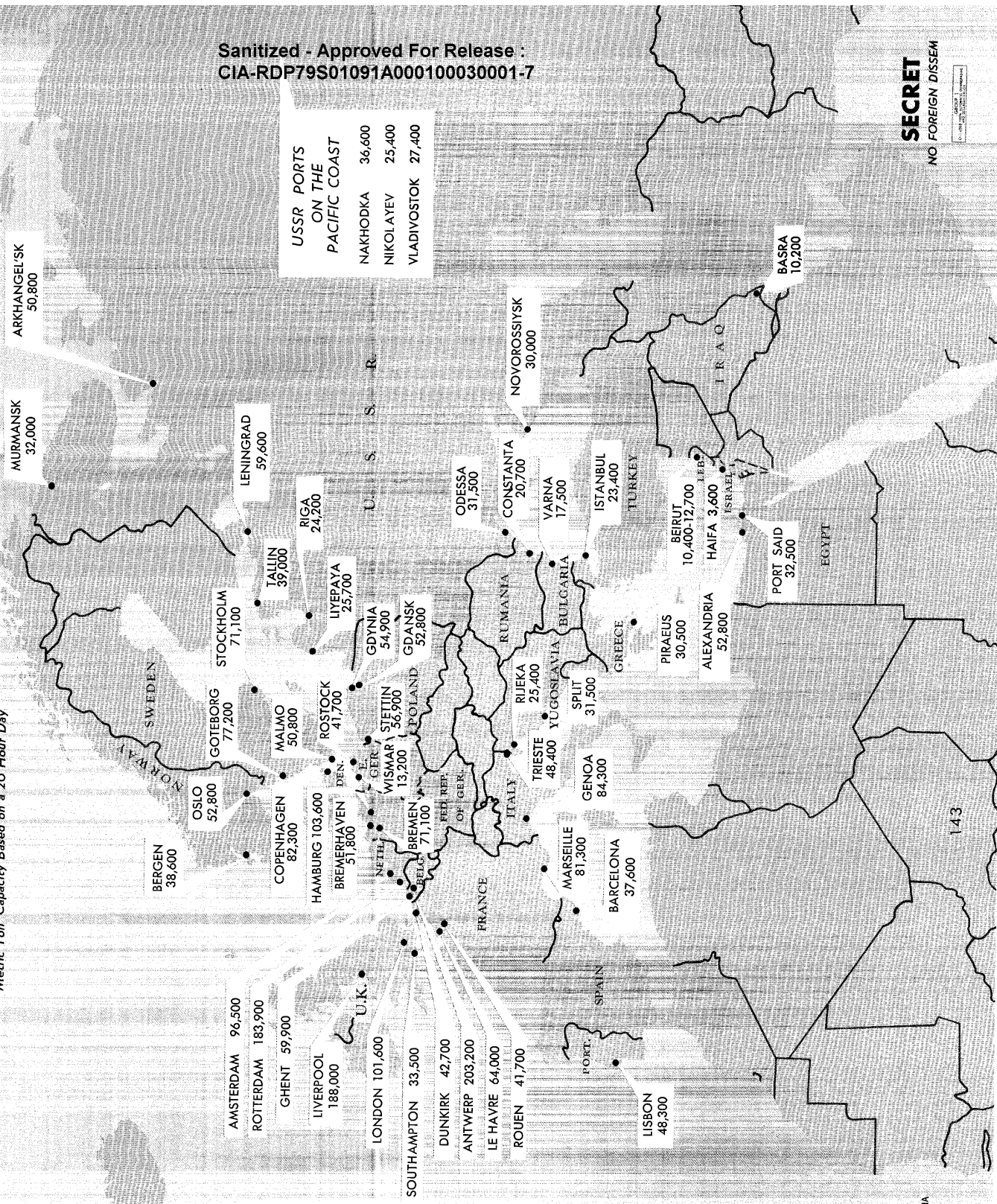


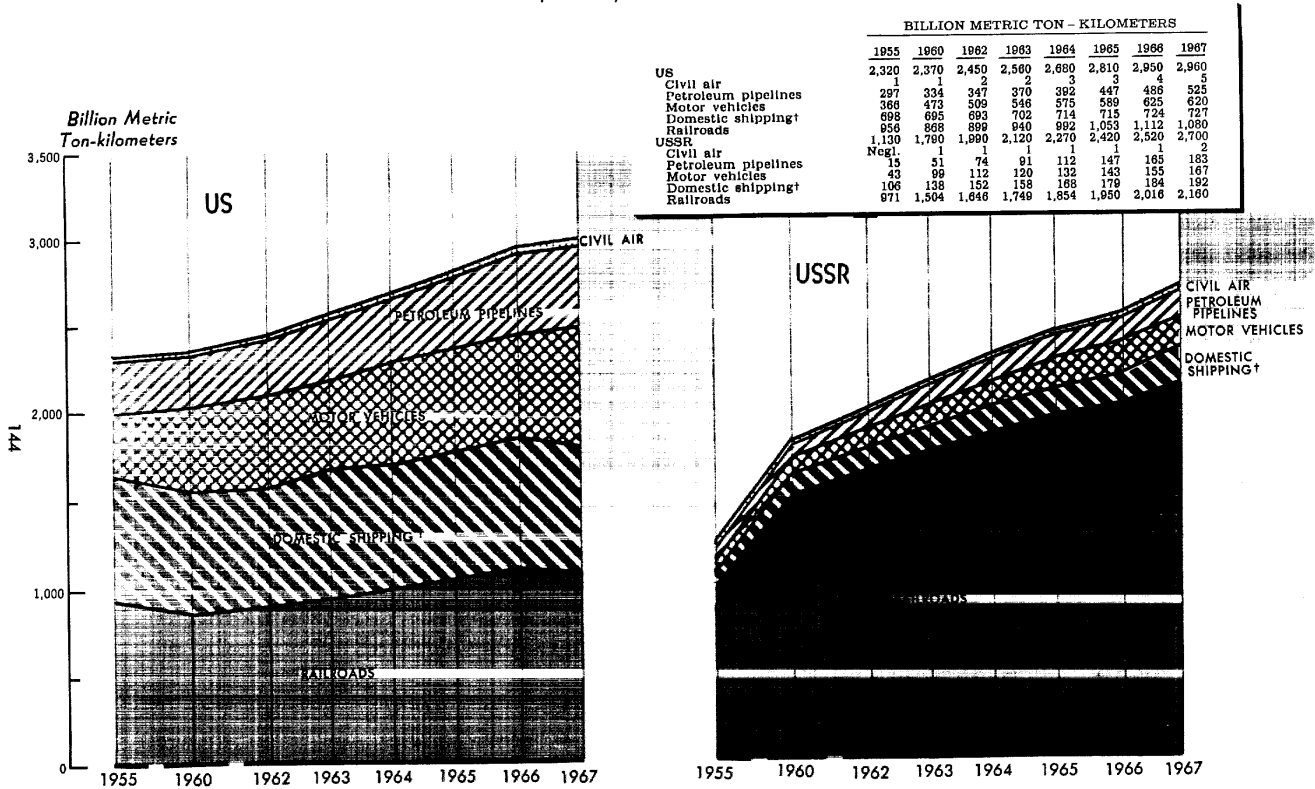
Figure 14

Sanitized - Approved For Release :  
CIA-RDP79S01091A000100030001-7



Figure 15

DOMESTIC TRANSPORT PERFORMANCE IN THE US AND THE USSR  
 1955, 1960, AND 1962-67



† Including inland waterway, coastal, and intercoastal freight traffic. The US includes Great Lakes freight traffic, and the USSR includes Caspian Sea freight traffic.

UNCLASSIFIED

Table 142

Railroad Freight Traffic,<sup>a</sup> in Ton-Kilometers  
1955, 1960, and 1962-67

Billion Metric Ton-Kilometers

	1955	1960	1962	1963	1964	1965	1966	1967
<b>NATO COUNTRIES<sup>b</sup></b> .....	<b>1,220*</b>	<b>1,140*</b>	<b>1,170*</b>	<b>1,230*</b>	<b>1,300*</b>	<b>1,360*</b>	<b>1,430*</b>	<b>1,400*</b>
US <sup>c</sup> .....	955.66*	868.47*	898.94*	939.73*	991.57*	1,052.72*	1,112.42*	1,090.00*
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	<b>1,110*</b>	<b>1,690*</b>	<b>1,860*</b>	<b>1,960*</b>	<b>2,080*</b>	<b>2,190*</b>	<b>2,260*</b>	<b>2,410*</b>
USSR.....	970.90*	1,504.30*	1,646.30*	1,749.40*	1,854.10*	1,950.20*	2,016.00*	2,160.50*
Eastern Europe.....	<b>136*</b>	<b>187*</b>	<b>209*</b>	<b>214*</b>	<b>230*</b>	<b>236*</b>	<b>246*</b>	<b>250*</b>
Bulgaria.....	4.12*	6.98*	7.88*	8.57*	9.97*	10.78*	11.45*	11.72*
Czechoslovakia.....	31.70*	47.41*	52.22*	51.66*	55.39*	56.90*	57.65*	55.70*
East Germany.....	25.22*	32.86*	37.41*	37.59*	39.11*	38.87*	39.68*	38.47*
Hungary <sup>d</sup> .....	8.80*	13.34*	14.55*	15.37*	17.03*	17.29*	17.90*	18.50*
Poland.....	51.97*	66.55*	72.69*	74.43*	79.06*	81.01*	85.01*	88.54*
Rumania.....	14.68*	19.82*	24.42*	26.76*	29.39*	30.98*	34.54*	37.30*
Far East								
North Korea.....	3.79*	9.10*	9.86*	10.40*	10.53*	11.00	N.A.	N.A.
North Vietnam.....	0.04*	0.70*	0.70*	0.85*	0.93*	N.A.	N.A.	N.A.
Other								
Albania.....	0.02*	0.05*	0.08*	0.06*	0.09*	0.10*	0.12*	0.14*
Yugoslavia <sup>e</sup> .....	11.58*	15.19*	15.03*	17.34*	18.26*	18.04*	17.52*	16.92*

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium....	6.68*	6.26*	6.00*	Italy <sup>e</sup> .....	14.68*	15.86*	17.50*	Portugal <sup>o</sup> .....	0.72*	0.76*	0.74*
Canada <sup>o</sup> ....	96.62*	95.55*	135.90*	Luxembourg..	0.61*	0.64*	0.57*	Turkey.....	3.98*	4.33*	4.40*
Denmark <sup>f</sup> ..	1.22* <sup>o</sup>	1.44* <sup>o</sup>	1.43*	Netherlands <sup>i</sup>	3.44*	3.41*	3.25*	UK <sup>o</sup> .....	34.92* <sup>o</sup>	30.50* <sup>o</sup>	22.05*
France.....	46.81*	56.93*	62.91*	Norway <sup>j</sup> ....	1.39* <sup>k</sup>	1.59* <sup>k</sup>	2.40*	West Germany.	49.10*	52.27*	54.85*
Greece <sup>o</sup> ....	0.30*	0.36*	0.50*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. 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. Data for the US include express and mail and are specifically for revenue and nonrevenue freight traffic for a more realistic comparison with Soviet methods of reporting.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including secondary or private railroads operating as common carriers.

<sup>d</sup> Including performance of railroads owned jointly by Hungary and Austria within Hungary.

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

<sup>f</sup> Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

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

<sup>h</sup> Excluding livestock.

<sup>i</sup> Excluding express parcels.

<sup>j</sup> Including data for the Ofoten railroad.

<sup>k</sup> Data are for the year beginning 1 July of the previous year.

<sup>l</sup> Excluding data for Northern Ireland.

Table 143

Railroad Freight Traffic, <sup>a</sup> in Tons Carried  
1955, 1960, and 1962-67

	Million Metric Tons Carried							
	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> . . . . .	2,580*	2,470*	2,430*	2,530*	2,640*	2,660*	2,670*	N.A.*
US <sup>c</sup> . . . . .	1,320.5*	1,180.5*	1,173.5*	1,222.4*	1,288.4*	1,341.7*	1,400.5*	1,460.0*
COMMUNIST COUNTRIES								
USSR and Eastern Europe . . .	2,000*	2,820*	3,080*	3,180*	3,380*	3,520*	3,630*	3,770*
USSR . . . . .	1,267.0*	1,884.9*	2,077.4*	2,158.0*	2,288.8*	2,415.3*	2,481.9*	2,604.6*
Eastern Europe . . . . .	737*	931*	1,010*	1,030*	1,090*	1,110*	1,150*	1,160*
Bulgaria . . . . .	23.7*	38.4*	40.4*	43.5*	51.5*	56.0*	60.7*	63.1*
Czechoslovakia . . . . .	140.2*	194.1*	206.9*	202.0*	213.9*	218.5*	224.1*	226.5*
East Germany . . . . .	207.5*	237.8*	259.8*	261.1*	267.0*	264.0*	262.5*	253.1*
Hungary <sup>d</sup> . . . . .	70.0*	96.0*	101.4*	106.4*	114.0*	114.3*	118.3*	117.2*
Poland . . . . .	236.4*	286.9*	305.7*	312.8*	331.8*	341.3*	353.6*	365.6*
Rumania . . . . .	59.0*	77.5*	92.0*	99.6*	110.1*	114.4*	126.6*	137.1*
Far East								
North Korea . . . . .	16.8*	38.5*	43.7*	46.0*	48.0*	50.0	N.A.	N.A.
North Vietnam . . . . .	0.4*	2.9*	3.2*	3.9*	4.1*	N.A.	N.A.	N.A.
Other								
Albania . . . . .	0.4*	0.9*	1.3*	1.1*	1.5*	1.6*	2.0*	2.3*
Yugoslavia <sup>e</sup> . . . . .	50.2*	65.2*	63.6*	71.8*	76.5*	74.8*	71.6*	68.7*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium <sup>f</sup> . . . . .	74.6*	64.1*	61.3*	Italy <sup>g</sup> . . . . .	64.6*	67.9*	60.4* <sup>h</sup>	Turkey . . . . .	11.3*	13.4*	14.7*
Canada <sup>i</sup> . . . . .	169.8*	161.1*	215.7*	Luxembourg . . . . .	17.6*	17.4*	14.5*	UK <sup>j</sup> . . . . .	279.0*	253.1* <sup>k</sup>	217.2* <sup>l</sup>
Denmark <sup>m</sup> . . . . .	8.5*	8.9*	8.6* <sup>n</sup>	Netherlands <sup>o</sup> . . . . .	26.9*	27.3*	25.8*	West Ger-			
France . . . . .	191.0*	227.0*	232.7*	Norway <sup>p</sup> . . . . .	14.3*	18.6* <sup>q</sup>	23.8* <sup>q</sup>	many <sup>r</sup> . . . . .	391.5*	429.2*	393.0* <sup>t</sup>
Greece <sup>s</sup> . . . . .	1.9*	2.2*	3.3*	Portugal . . . . .	3.8*	3.7*	3.3*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade traffic carried through more than one country, however, is counted in each country. Data for the US are in tons originated, thus giving a more realistic comparison with European methods of reporting.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including secondary or private railroads operating as common carriers.

<sup>d</sup> Including performance of railroads owned jointly by Hungary and Austria within Hungary.

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

<sup>f</sup> Data for the government railroads are for 1966 and data for the private railroads are for 1965.

<sup>g</sup> Including data for the Ofoten railroad.

<sup>h</sup> Including data for Northern Ireland.

<sup>i</sup> Data include through consignments between private and government railroads.

Table 144

Motor Vehicle Freight Traffic, in Ton-Kilometers, in the US and the Communist Countries  
1955, 1960, and 1962-67

	Million Metric Ton-Kilometers							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>a</sup> .....	366,000*	473,000*	509,000*	546,000*	575,000*	589,000*	625,000*	650,000*
COMMUNIST COUNTRIES <sup>b</sup>								
USSR and Eastern Europe...	<b>52,800*</b>	<b>116,000*</b>	<b>133,000*</b>	<b>143,000*</b>	<b>158,000*</b>	<b>171,000*</b>	<b>186,000*</b>	<b>201,000*</b>
USSR.....	42,550*	98,520*	111,896*	119,723*	132,115*	143,083*	155,300*	167,100*
Eastern Europe.....	<b>10,300*</b>	<b>17,400*</b>	<b>21,300*</b>	<b>23,700*</b>	<b>25,700*</b>	<b>27,600*</b>	<b>30,900*</b>	<b>33,600*</b>
Bulgaria.....	735*	2,039*	2,645*	3,137*	3,571*	3,821*	4,297*	4,745*
Czechoslovakia.....	2,719*	5,108*	6,055*	6,319*	6,625*	6,975*	7,281*	7,646*
East Germany.....	3,194*	5,002*	5,653*	6,200*	6,648*	7,213*	7,839*	8,171*
Hungary.....	950*	1,580*	1,850*	2,181*	2,397*	2,634*	2,980*	3,219*
Poland <sup>c</sup> .....	1,499*	2,058*	2,631*	3,046*	3,355*	3,682*	4,552*	5,187*
Rumania.....	1,200*	1,600*	2,427*	2,775*	3,150*	3,270*	3,948*	4,680*
Far East								
North Korea.....	138*	552*	640*	670*	729*	765	N.A.	N.A.
North Vietnam.....	4*	108*	148*	164*	179*	N.A.	N.A.	N.A.
Other								
Albania.....	135*	328*	397*	388*	424*	454*	514*	575*
Yugoslavia.....	180*	1,016*	1,615*	2,024*	2,399*	3,029*	3,612*	3,993*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Total traffic for all urban streets and rural roads. These data are partly estimated.

<sup>b</sup> Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

<sup>c</sup> Excluding traffic by vehicles owned and operated by various industries for their exclusive use. In 1967 this traffic amounted to an estimated 5,300 million metric ton-kilometers.

Table 145

Motor Vehicle Freight Traffic, \* in Tons Carried, in the Communist Countries  
1955, 1960, and 1962-67

Million Metric Tons Carried

	1955	1960	1962	1963	1964	1965	1966	1967
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	4,340*	9,670*	10,600*	11,000*	11,900*	12,600*	13,500*	14,200*
USSR.....	3,730.0*	8,492.7*	9,122.1*	9,444.4*	10,240.3*	10,746.0*	11,457.3*	12,021.0*
Eastern Europe.....	608*	1,180*	1,440*	1,520*	1,670*	1,810*	2,010*	2,170*
Bulgaria.....	37.8*	128.3*	180.9*	217.1*	258.7*	281.3*	315.9*	328.7*
Czechoslovakia.....	222.5*	428.4*	511.7*	492.2*	540.4*	577.7*	616.5*	656.0*
East Germany.....	169.1*	270.3*	306.3*	320.2*	335.9*	345.8*	358.4*	372.6*
Hungary.....	59.6*	121.5*	134.5*	141.2*	148.3*	192.0*	214.2*	231.0*
Poland <sup>b</sup> .....	86.0*	109.4*	145.8*	161.4*	176.6*	191.5*	240.8*	269.6*
Rumania.....	33.0*	123.0*	161.8*	185.0*	210.0*	218.0*	263.2*	311.3*
Far East								
North Korea.....	8.8*	78.6*	90.0*	93.0*	110.6*	116.0	N.A.	N.A.
North Vietnam.....	0.1*	5.0*	6.5*	6.7*	7.2*	N.A.	N.A.	N.A.
Other								
Albania.....	3.4*	10.3*	14.4*	14.9*	15.9*	17.0*	19.0*	22.1*
Yugoslavia.....	5.6*	12.4*	17.3*	23.8*	30.4*	36.0*	39.7*	40.6*

\* An asterisk indicates that the data are unclassified.

\* Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

<sup>b</sup> Excluding traffic carried by vehicles owned and operated by various industries for their exclusive use. In 1967 this traffic amounted to an estimated 410 million metric tons.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

TRANSPORTATION

Table 146

Inland Water Freight Traffic, in Ton-Kilometers  
1955, 1960, and 1962-67

Million Metric Ton-Kilometers

	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>a</sup> .....	153,000	200,000	211,000	217,000	234,000	248,000	253,000	N.A.
US <sup>b</sup> .....	95,000	123,000	133,330	140,444	151,426	162,553	165,000	170,000
COMMUNIST COUNTRIES <sup>c</sup>								
USSR and Eastern Europe...	74,000	108,000	118,000	123,000	134,000	144,000	149,000	155,000
USSR.....	67,748	99,602	109,862	114,493	124,479	133,928	137,700	143,700
Eastern Europe.....	6,300	7,910	7,970	8,240	9,350	9,740	11,300	11,400
Bulgaria.....	372	615	622	662	852	1,062	1,240	1,329
Czechoslovakia.....	1,485	1,962	1,975	1,915	2,170	2,172	2,412	2,277
East Germany.....	2,168	2,252	2,162	2,003	2,138	2,196	2,556	2,576
Hungary.....	847	1,308	1,376	1,508	1,668	1,682	2,284	2,222
Poland.....	775	904	822	1,026	1,248	1,409	1,762	1,881
Rumania.....	648	865	1,011	1,129	1,271	1,222	1,074	1,135
Far East <sup>e</sup>								
North Vietnam.....	4	314	380	448	490	N.A.	N.A.	N.A.
Other								
Yugoslavia.....	2,106	3,272	3,194	3,518	4,282	4,354	5,196	N.A.

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium.....	4,617	5,226	5,392	Luxembourg <sup>d</sup> ..	0	0	32 <sup>e</sup>	UK.....	300	276	195
France.....	8,917	10,773	12,652	Netherlands...	15,255	20,020	25,240	West Germany..	28,624	40,390	44,826

<sup>a</sup>NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Internal, intraport, and local water traffic, excluding Great Lakes traffic. Data differ from those presented in the previous *Handbook*, which also included coastwise and foreign trade traffic within US waters. For 1965, coastwise and foreign trade traffic within US waters together amounted to about 61 billion metric ton-kilometers. In the same year, traffic on the Great Lakes amounted to 111 billion metric ton-kilometers of domestic trade and 48 billion metric ton-kilometers of US foreign trade.

<sup>c</sup> Data for North Korea are included with ocean freight traffic in Table 148, p. 151.

<sup>d</sup> Traffic began in June 1964.

<sup>e</sup> Data are for June-December 1964 and are included in NATO totals for 1965-66.

Table 147

Inland Water Freight Traffic, in Tons Carried  
1955, 1960, and 1962-67

	Million Metric Tons Carried									
	1955	1960	1962	1963	1964	1965	1966	1967		
NATO Countries <sup>a</sup> .....	694	821	855	864	954	1,000	1,040	N.A.		
US <sup>b</sup> .....	328.91	358.50	379.51	390.89	415.03	428.63	443.67	457.00		
COMMUNIST COUNTRIES										
USSR and Eastern Europe... 163	235	255	265	280	298	312	336			
USSR.....	139.49	210.32	230.33	239.47	252.32	269.44	278.96	301.60		
Eastern Europe.....	23.4	25.0	24.7	25.1	27.9	28.6	32.8	33.9		
Bulgaria.....	0.92	1.56	1.60	1.61	1.99	2.32	2.66	2.86		
Czechoslovakia.....	2.84	3.53	3.92	4.06	4.50	4.06	4.35	4.34		
East Germany.....	12.90	12.63	11.44	10.98	12.02	12.13	13.37	13.73		
Hungary.....	1.78	2.39	2.46	2.41	2.49	2.58	3.18	3.25		
Poland.....	3.32	2.95	3.05	3.40	3.97	4.68	5.98	6.30		
Rumania.....	1.60	1.91	2.21	2.65	2.89	2.86	3.24	3.43		
Far East										
North Vietnam.....	0.05	4.84	5.95	6.56	7.01	N.A.	N.A.	N.A.		
Other										
Yugoslavia.....	6.16	10.04	9.52	10.83	12.65	12.81	15.32	N.A.		
Other NATO Countries										
	1955	1960	1966	1955	1960	1966	1955	1960	1966	
Belgium... 56.84	61.16	79.59	Luxembourg <sup>c</sup> ...	0	0	3.42 <sup>d</sup>	UK.....	10.64	9.78	7.75
France... 58.25	68.05	93.45	Netherlands... 112.27	149.67	197.76	West Germany..	124.61	171.36	207.89	
Italy... 2.26	2.54	3.15								

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>b</sup> Internal, intraport, and local water traffic, excluding Great Lakes traffic.

<sup>c</sup> Traffic began in June 1964.

<sup>d</sup> Data are for 1965 and are included in the NATO total for 1966.

Table 148

Ocean Freight Traffic, <sup>a</sup> in Ton-Kilometers, of the Communist Countries  
 1955, 1960, and 1962-67

	Million Metric Ton-Kilometers							
	1955	1960	1962	1963	1964	1965	1966	1967
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	<b>89,200*</b>	<b>188,000*</b>	<b>246,000*</b>	<b>312,000*</b>	<b>404,000*</b>	<b>501,000*</b>	<b>573,000*</b>	<b>698,000*</b>
USSR <sup>b</sup> .....	68,900*	131,500*	173,400*	226,300*	297,600*	388,800*	442,800*	524,100*
Eastern Europe.....	<b>20,300*</b>	<b>56,700*</b>	<b>73,000*</b>	<b>86,000*</b>	<b>106,000*</b>	<b>112,000*</b>	<b>130,000*</b>	<b>173,000*</b>
Bulgaria <sup>c</sup> .....	919*	2,540*	3,475*	5,443*	8,642*	9,064*	13,213*	22,389*
Czechoslovakia.....	2,272*	7,472*	5,267*	5,493*	8,395*	8,261*	7,442*	6,000*
East Germany <sup>c</sup> .....	480*	10,518*	14,303*	20,435*	26,990*	30,204*	32,636*	43,722*
Hungary.....	82*	230*	244*	323*	351*	338*	571*	600*
Poland <sup>c d</sup> .....	15,806*	34,828*	46,372*	49,071*	55,106*	55,838*	62,808*	73,921*
Rumania.....	712*	1,065*	3,365*	5,209*	6,855*	8,368*	13,336*	26,791*
Far East								
Communist China <sup>e</sup> .....	10,190*	31,500*	27,000*	29,700*	N.A.	N.A.	N.A.	N.A.
North Korea <sup>f</sup> .....	23*	135*	206*	219*	257*	283	N.A.	N.A.
North Vietnam <sup>g</sup> .....	4*	68*	95*	142*	156	N.A.	N.A.	N.A.
Other								
Albania <sup>c</sup> .....	17*	269*	1,378*	725*	1,122*	977*	N.A.	N.A.

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for international shipping and include the performance of ships of less than 1,000 gross register tons (GRT).

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

<sup>c</sup> Including coastal traffic.

<sup>d</sup> Possibly excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1967, there were 16 of these ships, totaling 132,114 GRT.

<sup>e</sup> Coastal traffic only, carried in Chinese and chartered foreign ships.

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

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



ALL DATA IN THESE TABLES ARE UNCLASSIFIED

Table 149

Air Passenger Traffic, in Passenger-Kilometers, in the US and the USSR  
1955, 1960, and 1962-67

	Billion Passenger-Kilometers							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>a</sup> .....	39.19	62.54	70.43	81.05	94.14	110.52	128.57	158.92
USSR.....	2.80	12.10	20.30	25.30	30.90	38.10	45.10	53.50

<sup>a</sup> Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.

Table 150

Civil Airfreight Traffic, <sup>a</sup> in Ton-Kilometers, in the US and the USSR  
1955, 1960, and 1962-67

	Million Metric Ton-Kilometers							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>b</sup> .....	842	1,377	1,910	2,123	2,557	3,363	4,235	5,001
USSR.....	252	563	890	913	1,141	1,338	1,445	1,680

<sup>a</sup> Express, freight, and mail traffic.

<sup>b</sup> Revenue ton-kilometers flown on scheduled service of certificated route air carriers.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED  
CLASSIFIED MATERIAL ON THE REVERSE

Table 151

Petroleum Pipeline Transportation, in Ton-Kilometers, in the US and the Communist Countries  
 1955, 1960, and 1962-67

	Billion Metric Ton-Kilometers							
	1955	1960	1962	1963	1964	1965	1966	1967
US.....	296.7	333.8	347.1	370.0	392.2	447.3	486.0	525.0
COMMUNIST COUNTRIES <sup>a</sup>								
USSR.....	14.7	51.2	74.5	90.9	112.1	146.7	165.0	182.7
Rumania.....	0.4	1.0	1.0	1.1	1.0	1.1	1.1	1.2

<sup>a</sup> Excluding traffic on the Friendship Pipeline in Czechoslovakia, Poland, East Germany, and Hungary.

Table 152

Petroleum Pipeline Transportation, in Tons Carried, in the US and the Communist Countries  
 1955, 1960, and 1962-67

	Million Metric Tons Carried							
	1955	1960	1962	1963	1964	1965	1966	1967
US <sup>a</sup> .....	347.8	414.7	454.6	479.3	517.4	554.9	600.9	650.0
COMMUNIST COUNTRIES <sup>b</sup>								
USSR.....	51.7	129.9	165.1	185.5	213.0	225.7	247.7	271.9
Rumania.....	2.0	5.6	7.0	7.3	7.2	7.4	8.0	8.6

<sup>a</sup> Data are for tons originated, thus giving a more realistic comparison with the Communist countries.

<sup>b</sup> Excluding traffic on the Friendship Pipeline in Czechoslovakia, Poland, East Germany, and Hungary.

SECRET

Table 153

Construction of Maritime Cargo Ships \* in Selected Communist Countries  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
	Thousand Gross Register Tons							
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	98.2	382	416	460	503	566	624	631
USSR.....	0	58.4	116.6	149.9	142.8	155.4	170.2	191.2
Eastern Europe.....	98.2	324	300	310	360	411	454	440
Bulgaria.....	0	4.1	2.2	6.7	9.8	10.3	10.3	11.8
East Germany.....	16.3	123.0	98.9	95.1	108.8	144.3	165.8	146.8
Hungary.....	10.8	20.7	13.0	15.1	16.3	15.1	15.1	8.8
Poland.....	71.1	166.7	170.0	178.8	203.1	218.5	246.5	247.5
Rumania.....	0	9.6	15.6	14.6	22.1	22.8	16.6	24.9
Far East								
Communist China.....	0	15.1	14.3	0	23.7	8.6	0	8.6
	Units							
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	50	112	91	94	95	115	120	119
USSR.....	0	10	15	21	21	25	24	33
Eastern Europe.....	50	102	76	73	74	90	96	86
Bulgaria.....	0	3	2	2	2	4	4	5
East Germany.....	5	39	28	22	18	32	38	29
Hungary.....	9	16	10	12	13	12	12	7
Poland.....	36	40	31	32	34	33	37	37
Rumania.....	0	4	5	5	7	9	5	8
Far East								
Communist China.....	0	5	2	0	4	1	0	1

\* Data are for oceangoing cargo ships of 1,000 gross register tons or more completed during the year and exclude miscellaneous auxiliary ships, harbor craft, and small coastal ships.

SECRET

Table 154

Construction of Maritime Tankers \* in Selected Communist Countries  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
	Thousand Gross Register Tons							
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	<b>97.8</b>	<b>112</b>	<b>91.9</b>	<b>119</b>	<b>175</b>	<b>188</b>	<b>221</b>	<b>101</b>
USSR.....	97.8	95.9	50.8	81.3	152.2	167.5	200.3	49.7
Eastern Europe.....	<b>0</b>	<b>15.7</b>	<b>41.1</b>	<b>38.0</b>	<b>23.0</b>	<b>20.9</b>	<b>20.9</b>	<b>51.3</b>
Bulgaria.....	0	11.5	11.5	11.5	23.0	7.6	7.6	11.5
East Germany.....	0	4.2	0	0	0	0	0	0
Poland.....	0	0	29.6	26.5	0	13.3	13.3	39.8
Far East								
Communist China.....	0	3.3	0	0	0	4.7	10.3	5.6
	Units							
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	<b>24</b>	<b>19</b>	<b>11</b>	<b>8</b>	<b>13</b>	<b>11</b>	<b>12</b>	<b>12</b>
USSR.....	24	13	3	3	7	8	9	6
Eastern Europe.....	<b>0</b>	<b>6</b>	<b>8</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>6</b>
Bulgaria.....	0	3	3	3	6	2	2	3
East Germany.....	0	3	0	0	0	0	0	0
Poland.....	0	0	5	2	0	1	1	3
Far East								
Communist China.....	0	1	0	0	0	2	4	2

\* Data are for oceangoing tankers of 1,000 gross register tons or more completed during the year and exclude miscellaneous auxiliary ships, harbor craft, and small coastal ships.

SECRET

Table 155

Construction of Fishing Ships in Selected Communist Countries <sup>a</sup>  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
	Thousand Gross Register Tons							
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	53.9	187	176	202	258	327	318	451
USSR.....	20.5	77.2	107.2	125.6	148.7	190.6	180.2	248.7
Eastern Europe.....	33.4	109	69.3	76.1	109	137	137	203
East Germany.....	18.1	46.3	39.1	44.3	59.7	68.2	76.5	97.1
Poland.....	15.3	63.1	30.2	31.8	49.5	68.6	60.9	105.5
								Units
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	N.A.	162	80	95	125	139	137	220
USSR.....	N.A.	30	41	54	83	89	89	160
Eastern Europe.....	56	132	39	41	42	50	48	60
East Germany.....	27	93	20	22	24	32	35	42
Poland.....	29	39	19	19	18	18	13	18

<sup>a</sup> Only countries in which domestic construction is a significant percentage of overall construction are listed. Data exclude small fishing boats, sciners, and miscellaneous boats.

SECRET

SECRET

TRANSPORTATION

Table 156

Production of Mainline Locomotives <sup>a</sup> in Selected NATO and Communist Countries  
1955, 1960, and 1962-67

	Units							
	1955	1960	1962	1963	1964	1965	1966	1967
<b>NATO COUNTRIES</b>								
US <sup>b</sup> .....	1,381*	886*	1,353*	1,335*	1,435*	1,793*	1,800*	1,379*
Canada <sup>c</sup> .....	362*	172*	29*	159*	169*	N.A.*	N.A.*	N.A.*
France.....	284*	311*	312*	318*	270*	293*	244*	230*
Italy <sup>d e</sup> .....	88*	150*	182*	104*	137*	141*	156*	118*
UK <sup>f</sup> .....	760* <sup>g</sup>	1,181*	806*	701*	695*	719*	463*	355*
West Germany.....	900* <sup>h</sup>	1,231*	1,213*	1,118*	1,110*	947*	776*	580*
<b>COMMUNIST COUNTRIES</b>								
<b>USSR and Eastern Europe</b>								
USSR.....	328*	1,699*	2,100*	2,162*	2,122*	2,126*	2,129*	1,885*
<b>Eastern Europe</b>								
Czechoslovakia.....	10*	172*	193*	244*	246*	269	231	240
East Germany.....	0	2	67	76	89	86	94	100
Hungary <sup>d i</sup> .....	0*	0*	22*	17*	12*	17*	34*	N.A.
Poland <sup>d i</sup> .....	7*	38*	49*	44*	66*	72*	80*	101*
Rumania <sup>g</sup> .....	0*	10*	35*	59*	85*	110*	125*	133*
<b>Far East</b>								
Communist China.....	100	600	25	25	25	50	150	125
North Korea <sup>d</sup> .....	0	0	6*	15*	18	20	20	22

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for diesel, diesel-electric, and electric railroad locomotives of 1,000 horsepower or more. Because of the lack of consistency, totals for the NATO and the Communist countries have been omitted. For data on diesel and electric locomotives, see Table 157, p. 158, and Table 158, p. 159.<sup>b</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.<sup>c</sup> Shipments.<sup>d</sup> Electric locomotives only.<sup>e</sup> Production for the government only. Data include rail motor vehicles.<sup>f</sup> Except for 1955, data are for locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported.<sup>g</sup> Diesel locomotives only.<sup>h</sup> Excluding data for the Saar.<sup>i</sup> Excluding narrow-gauge locomotives.

SECRET

157

TRANSPORTATION

SECRET

Table 157

Production of Mainline Diesel Locomotives \* in Selected NATO and Communist Countries  
1955, 1960, and 1962-67

	Units							
	1955	1960	1962	1963	1964	1965	1966	1967
<b>NATO COUNTRIES</b>								
US <sup>b</sup> .....	1,371*	885*	1,326*	1,322*	1,435*	1,793*	1,800*	1,376*
France.....	172*	143*	180*	204*	178*	209*	173*	167*
UK <sup>c</sup> .....	760*	1,007*	686*	648*	624*	565*	304*	221*
West Germany.....	842* <sup>d</sup>	1,110*	902*	816*	789*	681*	556*	370*
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe								
USSR.....	134*	1,303*	1,483*	1,519*	1,484*	1,435*	1,529*	1,497*
Eastern Europe								
Czechoslovakia.....	0*	3*	4*	32*	19*	25	35	40
East Germany.....	0	2	7	16	35	26	30	40
Rumania.....	0*	10*	35*	59*	85*	110*	125*	133*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Including diesel and diesel-electric locomotives of 1,000 horsepower or more.<sup>b</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.<sup>c</sup> Except for 1955, data are for diesel and diesel-electric locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported.<sup>d</sup> Excluding data for the Saar.

Table 158

Production of Mainline Electric Locomotives <sup>a</sup> in Selected NATO and Communist Countries  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967
Units								
<b>NATO COUNTRIES</b>								
US.....	10*	1*	27*	13*	0*	0*	0*	3*
France.....	112*	168*	132*	114*	92*	84*	71*	63*
Italy <sup>b</sup> .....	88*	150*	182*	104*	137*	141*	156*	118*
UK <sup>c</sup> .....	N.A.*	174*	120*	53*	71*	154*	159*	134*
West Germany.....	58* <sup>d</sup>	121*	311*	302*	321*	266*	220*	210*
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe								
USSR.....	194*	396*	617*	643*	638*	641*	600*	388*
Eastern Europe								
Czechoslovakia.....	10*	169*	189*	212*	227*	244*	196*	200
East Germany.....	0	0	60	60	54	60	64	60
Hungary <sup>e</sup> .....	0*	0*	22*	17*	12*	17*	34*	N.A.
Poland <sup>e</sup> .....	7*	38*	49*	44*	66*	72*	80*	101*
Far East								
North Korea.....	0	0	6*	15*	18	20	20	22

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for electric locomotives of 1,000 horsepower or more.

<sup>b</sup> Production for the government only. Data include rail motor vehicles.

<sup>c</sup> Data are for electric locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported.

<sup>d</sup> Excluding data for the Saar.

<sup>e</sup> Excluding narrow-gauge locomotives.



Table 159

Production of Railroad Freight Cars <sup>a</sup>  
1955, 1960, and 1962-67

Thousand Units

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	133*	86.1*	78.8*	77.3*	112*	124*	124*	113*			
US <sup>c</sup> .....	42.04*	57.31*	36.56*	44.97*	69.07*	77.90*	90.35*	83.10*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	58.8*	64.9*	65.8*	67.8*	73.0*	73.1*	75.0*	74.2*			
USSR.....	34.40*	36.40*	35.70*	37.20*	39.50*	39.60*	40.20*	43.80*			
Eastern Europe.....	2.44*	28.5*	30.1*	30.6*	33.5*	33.5*	34.8*	30.4*			
Bulgaria.....	0.99*	2.01*	1.55*	1.63*	1.39*	1.58*	1.93*	1.79*			
Czechoslovakia.....	5.55*	5.15*	4.60*	5.58*	5.18*	4.30*	4.44*	4.50*			
East Germany.....	4.00*	2.38*	2.20*	2.60*	2.33*	2.17*	3.69*	3.80*			
Hungary.....	0.57*	0.45*	0.41*	0.10*	0.58*	0.55*	0.56*	0.58*			
Poland.....	11.92*	13.89*	15.49*	15.54*	15.66*	16.29*	16.60*	12.70*			
Rumania.....	1.37*	4.02*	5.77*	5.12*	8.32*	8.58*	7.61*	7.02*			
Far East											
Communist China.....	9.26*	23	4	5	6	7	9	8			
North Korea.....	0*	0.64*	1.00*	1.24*	1.50*	1.60	1.75	N.A.			
Other											
Yugoslavia.....	0.48*	3.42*	2.85*	2.76*	3.49*	4.85*	4.24*	2.37*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Canada <sup>e</sup> .....	3.74*	2.51*	6.06* <sup>d</sup>	Italy.....	0.04*	3.15*	3.70*	West Germany..	14.70* <sup>f</sup>	6.63*	5.10*
France.....	8.43*	7.93*	12.58*	UK <sup>e</sup> .....	63.86*	8.52*	2.57*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Units of two, four, or more axles. The majority of the production now consists of four-axle units.<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>c</sup> Shipments.<sup>d</sup> Data are for 1965 and are included in the NATO totals for 1966-67.<sup>e</sup> Except for 1955, data are for the freight cars added to the operating stock by the British Railways and the London Transport Boards and for those exported.<sup>f</sup> Excluding data for the Saar.

Table 160

Production of Passenger Automobiles  
1955, 1960, and 1962-67

	Thousand Units										
	1955	1960	1962	1963	1964	1965	1966	1967			
<b>NATO COUNTRIES <sup>a</sup> . . . . .</b>	<b>10,700</b>	<b>11,900</b>	<b>12,900</b>	<b>14,800</b>	<b>15,300</b>	<b>17,100</b>	<b>17,000</b>	<b>15,400</b>			
US <sup>b</sup> . . . . .	7,920.2	6,674.8	6,933.2	7,637.7	7,751.8	9,305.6	8,598.3	7,436.8			
<b>COMMUNIST COUNTRIES</b>											
USSR and Eastern Europe . . .	<b>146</b>	<b>272</b>	<b>318</b>	<b>332</b>	<b>341</b>	<b>408</b>	<b>459</b>	<b>502</b>			
USSR . . . . .	107.8	138.8	165.9	173.1	185.2	201.2	230.2	251.4			
Eastern Europe . . . . .	<b>38.7</b>	<b>133</b>	<b>153</b>	<b>159</b>	<b>156</b>	<b>207</b>	<b>228</b>	<b>250</b>			
Czechoslovakia . . . . .	12.5	56.2	64.3	56.5	42.1	77.7	92.7	111.1			
East Germany . . . . .	22.2	64.1	72.2	84.3	93.1	102.9	106.5	111.5			
Poland . . . . .	4.0	12.9	16.1	18.3	20.6	26.4	29.2	27.7			
Other											
Yugoslavia <sup>c</sup> . . . . .	0.8	10.5	13.1	20.9	27.9	36.4	37.7	47.9			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium <sup>d</sup> . . . . .	N.A.	N.A.	164.3	Italy <sup>e</sup> . . . . .	231.0	595.9	1,439.2	UK . . . . .	897.6	1,352.7	1,552.0
Canada . . . . .	374.6	325.8	720.8	Netherlands . . . . .	Negl.	15.2	49.5	West Germany . . . . .	762.2 <sup>f</sup>	1,816.8	2,295.7 <sup>g</sup>
France . . . . .	553.3	1,135.6	1,752.0								
Other Free World Countries											
	1955	1960	1967								
Japan . . . . .	20.3	165.1	1,375.8								

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data include complete units exported for assembly.

<sup>b</sup> Factory sales.

<sup>c</sup> Including vehicles assembled from imported parts.

<sup>d</sup> Including data for Luxembourg.

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

<sup>f</sup> Excluding data for the Saar.

<sup>g</sup> Including data for West Berlin, for which separate data are not available.

Table 161

Production of Trucks and Buses <sup>a</sup>  
1955, 1960, and 1962-67

Thousand Units

	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	2,030*	2,250*	2,290*	2,560*	2,710*	2,920*	2,980*	2,730*
US <sup>c</sup> .....	1,249.1*	1,194.5*	1,240.2*	1,462.7*	1,540.5*	1,751.8*	1,731.1*	1,539.5*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	387*	458*	488*	502*	508*	514*	559*	601*
USSR.....	337.5*	384.8*	411.5*	413.9*	417.9*	415.1*	445.0*	477.4*
Eastern Europe.....	49.1*	72.9*	76.2*	88.5*	90.5*	98.4*	114*	123*
Czechoslovakia <sup>d</sup> .....	14.0*	19.1*	18.5*	17.9*	16.0*	19.1*	20.8*	22.5*
East Germany <sup>e</sup> .....	14.2*	12.9*	8.0*	10.1*	11.8*	15.2*	20.2*	21.9*
Hungary <sup>d</sup> .....	5.4*	4.8*	6.0*	6.1*	6.3*	7.1*	8.0*	8.2*
Poland <sup>d</sup> .....	12.5*	24.0*	28.7*	34.2*	34.3*	34.2*	37.8*	40.7*
Rumania <sup>f</sup> .....	3.0*	12.1*	15.0*	20.2*	22.1*	22.8*	27.0*	30.0*
Far East								
Communist China.....	<i>Negl.</i>	15	14	16	26	34	47	34
North Korea.....	0*	3.1*	4.5*	4.0*	2.6	4.5	6.0	8.0
Other								
Yugoslavia <sup>d</sup> <sup>g</sup> .....	2.7*	5.5*	8.6*	9.8*	11.4*	11.9*	11.8*	12.7*

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium <sup>h</sup> ...	0.4* <sup>i</sup>	0.5*	25.1*	Italy <sup>g</sup> .....	38.4*	48.9*	103.5*	UK.....	339.5*	458.0*	385.1*
Canada....	77.5*	72.0*	226.4*	Netherlands...	1.9*	4.1*	7.1*	West Germany.	146.4* <sup>j</sup>	237.9*	186.6* <sup>k</sup>
France....	171.8*	233.6*	258.0*								

Other Free World Countries

	1955	1960	1967
Japan.....	134.7*	595.2*	1,797.2*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data include complete units exported for assembly.

<sup>c</sup> Factory sales.

<sup>d</sup> Excluding wheeled tractors.

<sup>e</sup> Trucks only.

<sup>f</sup> Data differ from those presented in the previous *Handbook*, which excluded jeeps.

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

<sup>h</sup> Including data for Luxembourg.

<sup>i</sup> Data are for 1956 and are included in the NATO total for 1955.

<sup>j</sup> Excluding data for the Saar.

<sup>k</sup> Including data for West Berlin, for which separate data are not available.

Table 162

Inventory of Civil Aircraft <sup>a</sup> in the US and the USSR  
1955, 1960, and 1962-67

	1955	1960	1962	1963	1964	1965	1966	1967	Units
US									
Total airliners <sup>b</sup> .....	1,620*	2,110*	2,020*	2,010*	2,020*	2,070*	2,230*	2,410*	
Jet.....	0*	202*	397*	432*	564*	725*	1,006*	1,344*	
Turboprop.....	8*	230*	262*	267*	276*	312*	372*	444*	
Piston.....	1,613*	1,678*	1,366*	1,307*	1,183*	1,037*	849*	622*	
Transport helicopters.....	20*	25*	20*	20*	20*	21*	21*	22*	
USSR									
Total airliners.....	1,660	1,870	1,940	1,810	1,980	2,120	1,990	2,090	
Jet.....	75	190	220	220	220	230	230	260	
Turboprop.....	40	180	380	440	510	560	660	830	
Piston.....	1,550	1,500	1,340	1,150	1,250	1,330	1,100	1,000	
Transport helicopters.....	40	225	240	270	370	630 <sup>c</sup>	700	720	

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are as of the end of the year and exclude light aircraft.

<sup>b</sup> Including all aircraft that perform commercial for-hire operations. In the US, there are more than 2,000 multiengine aircraft of more than 2,000 horsepower, which are operated by private corporations and individuals. The USSR has no counterpart.

<sup>c</sup> The large increase in the inventory shown for helicopters from 1964 to 1965 is probably due to inadequate intelligence reporting of the helicopter inventory before 1965, rather than to any absolute increase of this magnitude.

Table 163

Inventory of Locomotives <sup>a</sup>  
1955, 1960, and 1962-67

	Units										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>b</sup> .....	89,900*	79,800*	74,500*	72,700*	70,000*	67,600*	65,200*	N.A.*			
US <sup>c</sup> .....	33,502*	31,178*	30,701*	30,506*	30,296*	30,061*	30,124*	30,100*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	58,000*	57,400*	53,600*	52,100*	51,800*	51,200*	51,200*	49,800*			
USSR.....	34,800*	34,200*	30,200*	28,500*	27,500*	26,900*	26,800*	26,800*			
Eastern Europe.....	23,200*	23,200*	23,400*	23,600*	24,300*	24,300*	24,400*	23,000*			
Bulgaria.....	604*	635*	682*	732*	732*	730*	730*	720*			
Czechoslovakia.....	5,134*	5,230*	5,302*	5,382*	5,520*	5,520*	5,520*	5,493*			
East Germany.....	6,476*	6,023*	5,980*	5,985*	5,985*	5,985*	6,075*	4,942*			
Hungary.....	2,322*	2,460*	2,542*	2,575*	2,626*	2,626*	2,626*	2,588*			
Poland.....	5,600*	5,800*	5,888*	5,922*	6,334*	6,334*	6,334*	6,194*			
Rumania.....	3,048*	3,012*	3,021*	3,052*	3,104*	3,124*	3,124*	3,077*			
Far East											
North Korea.....	N.A.	350	374	390	425	470	N.A.	N.A.			
North Vietnam.....	60	70	80	90	120	120	N.A.	N.A.			
Other											
Albania.....	7*	9*	9*	9*	9*	9*	9*	9*			
Yugoslavia.....	2,335*	2,325*	2,323*	2,294*	2,320*	2,284*	2,192*	2,200*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium...	2,097*	1,494*	1,138*	Italy.....	5,664*	5,282*	4,077* <sup>f</sup>	Turkey....	997*	983*	970*
Canada <sup>g</sup> ...	4,713*	3,752*	3,329*	Luxembourg..	130*	121*	85*	UK.....	18,564*	16,047* <sup>h</sup>	7,018* <sup>h</sup>
Denmark <sup>g</sup> ...	758* <sup>g</sup>	663*	624* <sup>f</sup>	Netherlands..	760*	684*	675*	West Ger-			
France....	10,245*	7,963*	6,980*	Norway.....	533*	455*	331*	many...	11,268*	10,442*	9,040*
Greece....	201*	231*	335* <sup>g</sup>	Portugal....	509*	457*	439* <sup>g</sup>				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for the state or principal railroad system and include diesel, diesel-electric, steam, and electric locomotives. Unless otherwise indicated, data are as of the end of the year.

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Including secondary or private railroads operating as common carriers.

<sup>d</sup> Including gas turbine locomotives.

<sup>e</sup> As of 31 March of the stated year.

<sup>f</sup> Data for government railroads are for 1966, and data for private railroads are for 1965.

<sup>g</sup> Data are for 1965 and are included in the NATO total for 1966.

<sup>h</sup> Including data for Northern Ireland.

Table 164

Inventory of Railroad Freight Cars <sup>a</sup> in NATO and Communist Countries  
1955, 1960, and 1962-67

Thousand Units

	1955	1960	1962	1963	1964	1965	1966	1967			
US <sup>b</sup> ° . . . . .	1,996.4*	1,965.5*	1,850.7*	1,812.9*	1,796.1*	1,796.8*	1,826.2*	1,820.1*			
<b>COMMUNIST COUNTRIES</b>											
USSR and Eastern Europe											
USSR <sup>d</sup> . . . . .	832.0*	949.0*	980.0*	998.0*	1,015.0*	1,030.0*	1,043.0*	1,061.0*			
Eastern Europe											
Bulgaria . . . . .	16.3*	22.8*	27.1*	28.8*	30.5*	33.5*	36.5*	37.7*			
Czechoslovakia . . . . .	119.7*	134.0*	141.0*	144.7*	146.1*	147.3*	152.2*	152.9*			
East Germany <sup>e</sup> . . . . .	144.7*	149.4*	149.5*	154.0*	154.4*	157.0*	159.4*	154.0*			
Hungary <sup>e</sup> . . . . .	58.2*	62.0*	66.8*	69.0*	70.9*	73.4*	75.5*	76.8*			
Poland <sup>e</sup> . . . . .	210.0*	249.0*	257.5*	258.8*	261.3*	263.9*	266.6*	267.3*			
Rumania . . . . .	52.2*	55.5*	61.7*	62.6*	65.6*	68.6*	71.9*	76.4*			
Far East											
Communist China <sup>f</sup> . . . . .	73.8	131.9	133.4	136.5	139.3	143.2	149.2	154.4			
North Korea <sup>f</sup> . . . . .	N.A.	10.4	11.7	12.8	14.2	15.5	N.A.	N.A.			
North Vietnam . . . . .	0.7	1.0	1.3	1.4	1.8	1.5 to 1.6	N.A.	N.A.			
Other											
Albania <sup>e</sup> . . . . .	0.2*	0.5*	0.7*	0.7*	0.7*	0.9*	1.1*	1.3*			
Yugoslavia <sup>g</sup> . . . . .	67.1*	72.6*	73.2*	72.2*	72.8*	72.4*	71.2*	71.2*			
<b>Other NATO Countries</b>											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium . . . . .	76.5*	74.0*	55.0*	Italy <sup>e</sup> . . . . .	130.8*	133.7*	135.8* <sup>i</sup>	Portugal . . . . .	10.1*	10.2*	9.9* <sup>h</sup>
Canada <sup>e</sup> . . . . .	186.0*	196.6*	192.7*	Luxembourg . . . . .	3.7*	3.6*	3.7*	Turkey . . . . .	17.1*	17.2*	17.8*
Denmark . . . . .	14.0*	12.6*	11.5*	Netherlands . . . . .	24.3*	22.2*	22.1*	UK <sup>e</sup> <sup>i</sup> . . . . .	1,118.6*	956.0* <sup>k</sup>	546.9* <sup>k</sup>
France . . . . .	377.1*	362.2*	360.3*	Norway . . . . .	12.6	11.9*	11.1*	West Germany . . . . .	295.7*	309.6*	326.4*
Greece . . . . .	5.1*	6.3*	7.2* <sup>h</sup>								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Units of two, four, or more axles. Unless otherwise indicated, data refer to both state and private ownership of cars used on the state or principal railroad system. Data are as of the end of the year. Because of the lack of comparability in data, totals for the NATO and the Communist countries are omitted.<sup>b</sup> Units of four or more axles.<sup>c</sup> Including secondary or private railroads operating as common carriers.<sup>d</sup> In 1967, more than 90 percent of the freight cars had four or more axles, and these cars accounted for more than 95 percent of total freight-carrying capacity.<sup>e</sup> Excluding narrow-gauge rolling stock.<sup>f</sup> The majority are four-axle units.<sup>g</sup> Including government ownership of cars only.<sup>h</sup> Data are for 1965.<sup>i</sup> Data for government railroads are for 1966, and data for private railroads are for 1965.<sup>j</sup> Excluding privately owned tank cars.<sup>k</sup> Including data for Northern Ireland.

TRANSPORTATION

SECRET

Table 165

Inventory of Civilian Trucks \*  
1955, 1960, and 1962-67

	Thousand Units										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES.....	14,700*	17,500*	19,000*	20,000*	21,000*	22,100*	23,100*	N.A.*			
US <sup>b</sup> .....	9,846* <sup>c</sup>	11,329*	12,121*	12,659*	13,283*	14,035*	14,727*	15,200*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	2,380*	3,550*	3,950*	4,140*	4,320*	4,470*	4,660*	4,840*			
USSR.....	2,110*	3,140*	3,480*	3,630*	3,780*	3,900*	4,030*	4,160*			
Eastern Europe.....	268*	413*	470*	505*	542*	574*	631*	685*			
Bulgaria.....	9*	20*	20*	21*	22*	22*	25*	26*			
Czechoslovakia.....	62*	90*	100*	110*	118*	122*	130*	138*			
East Germany.....	94*	117*	118*	120*	133*	147*	173*	198*			
Hungary.....	18*	26*	38*	40*	41*	42*	45*	49*			
Poland.....	73*	120*	146*	164*	174*	183*	196*	208*			
Rumania.....	12*	40*	48*	50*	54*	58*	62*	66*			
Far East											
Communist China.....	65	133	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.			
North Korea.....	N.A.	20	26	30	31*	36*	N.A.	N.A.			
Other											
Albania.....	2*	3*	4*	4*	4*	5*	5*	6*			
Yugoslavia.....	26*	51*	54*	59*	67*	78*	91*	N.A.			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium...	144* <sup>d</sup>	167* <sup>d</sup>	232*	Iceland.....	5*	6*	6*	Portugal.....	45*	65*	90* <sup>b</sup>
Canada....	939*	1,039*	1,254*	Italy.....	413*	612*	993*	Turkey.....	34*	57*	90* <sup>e</sup>
Denmark..	99*	166* <sup>f</sup>	243* <sup>f</sup>	Luxembourg..	6*	8*	11*	UK <sup>g</sup> .....	1,145* <sup>h</sup>	1,442* <sup>h</sup>	1,725* <sup>k</sup>
France....	1,156*	1,597*	2,252* <sup>i</sup>	Netherlands <sup>d</sup> ..	102*	158*	244*	West Germany <sup>k</sup> ..	632*	687*	1,019*
Greece....	28* <sup>e</sup>	37*	65* <sup>e</sup>	Norway.....	80*	107*	130*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Excluding military trucks of all types. Unless otherwise indicated, data are as of the end of the year and include wheeled tractors for road haulage.<sup>b</sup> Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state. Farm trucks restricted to use in the vicinity of the farm are excluded.<sup>c</sup> Excluding data for Alaska and Hawaii.<sup>d</sup> As of 1 August of the stated year.<sup>e</sup> Data are for 1956 and are included in the NATO total for 1955.<sup>f</sup> Excluding wheeled tractors.<sup>g</sup> Data are for 1965 and are included in the NATO total for 1966.<sup>h</sup> Including motorcoaches and buses.<sup>i</sup> Including data for Northern Ireland.<sup>j</sup> As of 1 October of the stated year.<sup>k</sup> As of 1 July of the stated year.

SECRET

TRANSPORTATION

Table 166

Inventory of Merchant Fleet <sup>a</sup>  
Selected Years, 1955-67

	1955		1960		1962		1964		1966		1967	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
NATO COUNTRIES <sup>b</sup> . . . . .	10,000*	66,300*	10,800*	79,800*	10,600*	84,000*	10,300*	86,600*	9,720*	87,000*	9,570*	89,900*
US <sup>c</sup> . . . . .	3,235*	24,819*	2,960*	23,870*	2,715*	22,580*	2,598*	22,149*	2,292*	20,104*	2,209*	19,495*
COMMUNIST COUNTRIES												
USSR and Eastern Europe . . . . .	696	2,400	1,020	4,220	1,220	5,560	1,500	7,690	1,800	10,100	1,940	11,200*
USSR <sup>d</sup> . . . . .	605	2,041	829	3,283	960	4,200	1,175	5,690	1,378	7,694	1,476	8,408
Eastern Europe . . . . .	91*	361*	189*	932*	265*	1,360*	328*	1,730*	424*	2,400*	464*	2,760*
Bulgaria <sup>e</sup> . . . . .	5*	12*	15*	46*	24*	113*	37*	192*	73*	444*	84*	530*
Czechoslovakia <sup>f</sup> . . . . .	3*	17*	11*	85*	9*	64*	12*	93*	11*	97*	10*	82*
East Germany . . . . .	3*	8*	29*	174*	54*	315*	76*	471*	105*	649*	118*	746*
Hungary . . . . .	3*	3*	8*	10*	10*	12*	13*	15*	18*	22*	19*	23*
Poland <sup>g</sup> . . . . .	70*	290*	119*	585*	147*	750*	166*	863*	177*	977*	187*	1,078*
Rumania . . . . .	7*	31*	7*	32*	21*	99*	24*	92*	40*	209*	46*	302*
Far East												
Communist												
China <sup>h</sup> . . . . .	64	169	147	516	158	578	163	638	189	799	214	983
North Korea . . . . .	0*	0*	0*	0*	1*	2*	2*	3*	2*	4*	4*	15*
North Vietnam . . . . .	0	0	0	0	1	2	1	2	1	2	4	8
Other												
Albania <sup>i</sup> . . . . .	N.A.	N.A.	4*	8*	7*	30*	8*	33*	9*	35*	9*	36*
Cuba <sup>b</sup> . . . . .	9*	23*	28*	89*	28*	94*	33*	134*	34*	185*	40*	223*
Yugoslavia <sup>b</sup> . . . . .	61*	245*	130*	617*	159*	845*	166*	884*	179*	1,061*	178*	1,092*
Other NATO Countries												
Belgium . . . . .	433*	646*	433*	778*	38*	53*	54*	Portugal . . . . .	434*	466*	466*	604*
Canada . . . . .	357*	293*	250*	250*	3,700*	4,758*	5,653*	Turkey . . . . .	469*	603*	603*	531*
Denmark . . . . .	1,512*	2,027*	2,642*	2,642*	3,211*	4,327*	4,445*	UK . . . . .	17,482*	19,370*	19,370*	19,987*
France . . . . .	3,635*	4,472*	5,156*	5,156*	6,862*	10,708*	17,698*	West Germany . . . . .	2,166*	4,137*	4,137*	5,449*
Greece . . . . .	1,187*	4,095*	7,157*	7,157*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Ships of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year. Data for the NATO countries include all combination passenger and cargo ships, whereas, unless otherwise indicated, those for the Communist countries exclude passenger ships that have small cargo capacities.

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

<sup>c</sup> Excluding ships operating only on the Great Lakes.

<sup>d</sup> Excluding the Caspian Sea fleet and including refrigerator ships and tankers serving the fishing fleet.

<sup>e</sup> In some years, a few additional Bulgarian-owned ships were operated

under the flags of Free World countries. At the end of 1967, four additional Bulgarian-owned ships were being operated under Greek and Ethiopian flags.

<sup>f</sup> From 1955 until March 1967, an undetermined number of Czechoslovak-flag ships were jointly owned with Communist China.

<sup>g</sup> Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1967, there were 16 of these ships, totaling 132,114 GRT.

<sup>h</sup> Including coastal passenger ships.

<sup>i</sup> Except for 1960, data include a number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company. At the end of 1967, there were two of these ships, totaling 18,358 GRT.

SECRET





SECRET

COMMUNICATIONS

Table 168

Telephones in Use <sup>a</sup>  
1955, 1960, and 1962-67

	Thousand Telephones							
	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES.....	81,000*	108,000*	119,000*	125,000*	132,000*	140,000*	149,000*	N.A.*
US.....	56,436*	74,342*	80,969*	84,452*	88,793*	93,656*	98,789*	104,000*
COMMUNIST COUNTRIES <sup>b</sup>								
USSR and Eastern Europe...	4,550*	6,680*	7,790*	8,350*	9,110*	9,980*	11,000*	11,900*
USSR.....	1,932*	2,697*	3,215*	3,479*	3,900*	4,459*	5,072*	5,648*
Eastern Europe.....	2,620*	3,980*	4,580*	4,870*	5,210*	5,520*	5,900*	6,290*
Bulgaria.....	112*	172*	206*	225*	249*	260*	306*	337*
Czechoslovakia.....	662*	1,016*	1,206*	1,300*	1,399*	1,481*	1,583*	1,705*
East Germany.....	1,042*	1,292*	1,436*	1,513*	1,587*	1,659*	1,724*	1,810*
Hungary.....	183*	418*	460*	485*	504*	525*	549*	574*
Poland.....	475*	881*	1,031*	1,088*	1,193*	1,294*	1,411*	1,500*
Rumania <sup>c</sup> .....	145*	201*	237*	260*	281*	306*	331*	360*
Far East								
North Korea <sup>e</sup> .....	17*	51*	59*	64*	91*	N.A.	N.A.	N.A.
North Vietnam.....	2	N.A.	N.A.	N.A.	N.A.	12	N.A.	N.A.
Other								
Albania.....	4*	7*	9*	10*	10*	11*	N.A.	N.A.
Cuba.....	142*	200*	217*	224*	229*	231*	234*	N.A.
Yugoslavia.....	161*	260*	303*	322*	370*	415*	460*	505*

## Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium....	878*	1,143*	1,666*	Iceland.....	27*	40*	58*	Portugal.....	256*	395*	582*
Canada.....	4,149*	5,728*	7,880*	Italy.....	2,329*	3,861*	6,468*	Turkey.....	139*	304*	386*
Denmark....	897*	1,072*	1,411*	Luxembourg...	32*	51*	87*	UK <sup>e</sup> .....	6,880*	8,270*	11,376*
France.....	3,117*	4,358*	6,554*	Netherlands...	1,117*	1,613*	2,513*	West Germany.	3,985*	5,994*	9,532*
Greece.....	122*	222*	579*	Norway.....	588* <sup>d</sup>	740*	946*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are as of the end of the year and are for both private and public telephones in use that can be connected to a central exchange.<sup>b</sup> Telephones operated by the various civil departments of post and telecommunications, excluding telephones serviced by other functional ministries and the military.<sup>c</sup> Telephone subscribers.<sup>d</sup> Data are as of midyear.<sup>e</sup> Data are as of 31 March of the following year.

SECRET

169

COMMUNICATIONS

SECRET

Table 169

Long-Distance Telephone Calls  
1955, 1960, and 1962-67

	Million Telephone Calls							
	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES *	4,920*	7,320*	8,420*	9,160*	9,890*	10,900*	11,900*	N.A.*
US	2,475.0*	3,427.0*	3,771.0*	3,984.0*	4,334.0*	4,734.0*	5,196.0*	5,700.0*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	521*	672*	737*	783*	827*	904*	N.A.	N.A.
USSR	135.0*	185.0*	210.0*	218.0*	227.0*	257.0*	283.0*	314.0*
Eastern Europe	386*	487*	527*	565*	600*	647*	N.A.	N.A.
Bulgaria	29.9*	31.7*	34.0*	35.7*	36.5*	37.8*	38.7*	39.5*
Czechoslovakia	71.6*	100.6*	107.3*	109.0*	114.1*	117.5*	127.5*	132.8*
East Germany	127.5*	167.4*	178.2*	202.1*	225.8*	253.4*	274.1*	297.8*
Hungary	25.2*	30.5*	32.2*	34.7*	35.2*	36.7*	N.A.	N.A.
Poland	97.0*	108.8*	118.7*	122.5*	124.4*	131.8*	137.1*	142.8*
Rumania	34.9*	47.8*	56.4*	60.9*	63.9*	70.0*	74.8*	80.6*
Far East								
North Korea	7.7*	5.1*	7.4*	8.7*	9.4*	N.A.	N.A.	N.A.
North Vietnam	1.0	3.9*	5.0	5.7	N.A.	N.A.	N.A.	N.A.
Other								
Albania	1.1*	1.8*	2.1*	2.3*	2.5*	2.6*	N.A.	N.A.
Cuba	6.0*	8.6*	11.7*	13.0*	14.0*	14.5	N.A.	N.A.

## Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium	83.7*	123.7*	211.7*	Iceland	1.7*	2.0* <sup>b</sup>	6.0*	Portugal	43.3*	62.8*	74.2*
Canada	153.1*	227.3*	323.3*	Italy	233.0*	451.8*	873.1*	Turkey	7.5*	12.8*	22.9*
Denmark	171.8*	249.2*	380.8*	Netherlands	264.6*	456.0*	781.2*	UK <sup>d</sup>	335.1*	425.0*	939.0*
France	531.8*	741.0*	918.1*	Norway	57.7* <sup>c</sup>	52.6* <sup>c</sup>	82.8*	West Germany	558.3*	1,075.2*	2,042.3*
Greece	6.2*	11.8*	43.4*								

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."<sup>b</sup> Data are for 1959 and are included in the NATO total for 1960.<sup>c</sup> Data are for the year beginning 1 July of the previous year.<sup>d</sup> Data are for the year beginning 1 April of the stated year.

Table 170

Telegrams Sent over the Domestic System <sup>a</sup>  
1955, 1960, and 1962-67

Million Telegrams Sent

	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES.....	293*	246*	238*	229*	222*	214*	205*	N.A.*			
US <sup>b</sup> .....	153.2*	124.3*	112.5*	104.2*	97.4*	94.3*	92.7*	89.1*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	247*	292*	307*	311*	316*	333*	362*	376*			
USSR.....	203.0*	241.0*	252.0*	254.0*	257.0*	273.0*	300.0*	311.5*			
Eastern Europe.....	43.9*	50.5*	54.8*	57.3*	58.5*	60.1*	61.9*	64.1*			
Bulgaria.....	6.1*	6.6*	7.1*	7.4*	7.6*	7.7*	7.9*	8.2*			
Czechoslovakia.....	9.7*	11.6*	13.0*	12.9*	12.9*	13.0*	13.2*	13.5*			
East Germany.....	7.6*	10.3*	10.7*	11.2*	11.2*	11.8*	11.5*	11.7*			
Hungary.....	5.7*	7.4*	8.0*	8.6*	8.9*	8.9*	9.2*	9.5*			
Poland <sup>c</sup> .....	10.3*	10.0*	10.7*	11.5*	12.0*	12.5*	13.4*	14.1*			
Rumania.....	4.5*	4.6*	5.3*	5.7*	5.9*	6.2*	6.7*	7.1*			
Far East											
North Korea.....	0.8* <sup>d</sup>	1.4*	2.2*	2.5*	2.5*	N.A.	N.A.	N.A.			
North Vietnam.....	1.2	2.1	2.1	2.4	N.A.	2.5	N.A.	N.A.			
Other											
Albania.....	0.9*	1.0*	1.0*	1.0*	1.0*	1.0*	N.A.	N.A.			
Cuba.....	N.A.	N.A.	8.6*	N.A.	10.8*	11.5*	N.A.	N.A.			
Yugoslavia.....	3.9*	7.3*	8.7*	10.5*	11.9*	9.1*	8.0*	N.A.			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium.....	4.2*	3.3*	3.4*	Iceland.....	0.3*	0.3*	0.3*	Portugal.....	2.2*	2.3*	2.6*
Canada <sup>e</sup> .....	17.4*	13.2*	11.2*	Italy <sup>h</sup> .....	34.4*	35.2*	34.4*	Turkey.....	10.0*	9.9*	8.6*
Denmark <sup>f</sup> .....	1.5*	1.6*	1.7*	Luxembourg... 0.2*	0.2*	0.2*	UK <sup>i</sup> .....	20.5*	13.6*	9.1*	
France.....	16.3* <sup>g</sup>	12.3*	14.8*	Netherlands... 2.6*	2.3*	1.9*	West Germany. 20.5* <sup>j</sup>	19.5*	15.5*		
Greece.....	5.1*	4.6*	6.1*	Norway.....	4.7* <sup>h</sup>	3.4*	2.5*				

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Unless otherwise indicated, data are for domestic telegrams.<sup>b</sup> Including domestic transmission of transoceanic and marine messages, which amounted to 11.4 million in 1967.<sup>c</sup> Including international telegrams.<sup>d</sup> Data are for 1956.<sup>e</sup> All telegrams sent by land are counted as domestic.<sup>f</sup> Including data for the Faeroe Islands and Greenland.<sup>g</sup> Including data for Algeria.<sup>h</sup> Data are for the year beginning 1 July of the previous year.<sup>i</sup> Data are for the year beginning 1 April of the stated year.<sup>j</sup> Including telegrams sent to or received from East Germany and East Berlin.

Table 171

Production of Electron Tubes in the US and the Communist Countries  
1955, 1960, and 1962-67

	Million Units							
	1955	1960	1962	1963	1964	1965	1966	1967
US *	490.7*	402.1*	370.3*	404.5*	377.6*	405.7*	450.7*	330.4*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	100	174	222	235	254	275	298	324
USSR.....	76.0*	125.0*	160.0*	170.0*	180.0*	190.0	205.0	222.0
Eastern Europe.....	23.4	49.1	61.8	65.4	73.5	84.6	92.9	102
Czechoslovakia.....	4.3*	10.4*	14.8*	15.5*	17.0*	20.1*	21.9	24.0
East Germany.....	9.5	20.0	21.0	23.0	25.7	30.4 <sup>b</sup>	35.0	40.0
Hungary.....	7.0*	11.3*	13.2*	11.8*	11.9*	13.1*	13.9	15.0
Poland.....	2.6*	7.4*	12.8*	15.1*	18.9*	21.0*	22.1*	23.0
Other								
Yugoslavia.....	0.2*	0.7*	1.2*	2.7*	5.1*	6.9*	8.6*	11.0

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Producer sales. Data include monochrome picture tubes.

<sup>b</sup> Plan data.

Table 172

Production of Radio Receivers <sup>a</sup>  
1955, 1960, and 1962-67

	Thousand Units							
	1955	1960	1962	1963	1964	1965	1966	1967
NATO COUNTRIES <sup>b</sup> .....	22,500*	30,100*	33,700*	32,900*	32,800*	37,700*	38,100*	N.A.*
US <sup>c</sup> .....	14,526*	17,969*	20,456*	19,732*	20,701*	25,731*	25,329*	23,157*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	5,370*	6,370*	6,950*	6,940*	6,650*	7,520*	8,370*	9,010*
USSR.....	3,549*	4,165*	4,251*	4,796*	4,766*	5,160*	5,841*	6,400*
Eastern Europe.....	1,820*	2,200*	2,700*	2,150*	1,880*	2,360*	2,530*	2,610*
Bulgaria.....	66*	157*	175*	204*	142*	130*	184*	200*
Czechoslovakia.....	102*	230*	289*	273*	174*	245*	247*	250*
East Germany.....	725*	810*	1,075*	773*	627*	808*	901*	932*
Hungary.....	377*	212*	258*	170*	155*	230*	250*	247*
Poland.....	461*	627*	654*	487*	513*	624*	622*	612*
Rumania.....	89*	167*	251*	240*	271*	323*	325*	367*
Far East								
Communist China.....	100*	1,500*	1,500	1,500	1,500	1,500	N.A.	N.A.
Other								
Yugoslavia.....	82*	244*	289*	377*	528*	504*	369*	240*

Other NATO Countries

	1955	1960	1966		1955	1960	1966		1955	1960	1966
Belgium...	N.A.*	1,103*	1,360*	France.....	1,228*	2,214*	2,400*	UK.....	2,142*	2,504*	1,578*
Canada <sup>d</sup> ..	610*	696*	1,146*	Italy.....	708*	935*	1,579*	West Germany.	3,124*	4,313*	4,356*
Denmark..	95*	199*	191* <sup>e</sup>	Norway <sup>f</sup> ....	109*	129*	126* <sup>e</sup>				

\* An asterisk indicates that the data are unclassified.

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

<sup>b</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

<sup>c</sup> Data for radio-phonograph combinations are factory sales.

<sup>d</sup> Producer sales.

<sup>e</sup> Data are for 1965 and are included in the NATO total for 1966.

<sup>f</sup> Receiving sets for home use only.

Table 173

Production of Television Receivers  
1955, 1960, and 1962-67

	Thousand Units										
	1955	1960	1962	1963	1964	1965	1966	1967			
NATO COUNTRIES <sup>a</sup> .....	10,900	12,400	12,800	14,600	17,400	18,900	19,700	N.A.			
US <sup>b</sup> .....	7,776	5,828	6,909	7,877	9,570	11,028	12,402	10,881			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	551	2,720	3,500	4,000	4,550	5,360	6,110	6,810			
USSR.....	495	1,726	2,168	2,473	2,927	3,655	4,415	5,000			
Eastern Europe.....	56	989	1,330	1,530	1,620	1,700	1,700	1,810			
Bulgaria.....	0	<i>Negl.</i>	15	29	54	74	90	130			
Czechoslovakia.....	17	263	307	235	240	274	228	256			
East Germany.....	39	416	461	580	591	537	562	475			
Hungary.....	<i>Negl.</i>	139	210	251	270	267	298	316			
Poland.....	<i>Negl.</i>	171	299	365	414	452	412	495			
Rumania.....	<i>Negl.</i>	<i>Negl.</i>	41	67	55	101	105	142			
Other											
Yugoslavia.....	0	14	69	117	263	254	286	252			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium....	<i>N.A.</i>	216	339	France.....	186	655	1,350	UK.....	1,771	2,141	1,399
Canada <sup>c</sup> ....	764	338	520	Italy.....	90	728	1,238	West Germany...	316	2,164	2,276
Denmark...	12	233	109 <sup>d</sup>	Norway <sup>e</sup> .....	<i>Negl.</i>	64	106 <sup>d</sup>				

<sup>a</sup> NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."  
<sup>b</sup> Pre-1964 data for color receivers are factory sales.  
<sup>c</sup> Producer sales.  
<sup>d</sup> Data are for 1965 and are included in the NATO total for 1966.  
<sup>e</sup> Receiving sets for home use only.

Table 174

Radio Receivers in Public Use \* in the US and Communist Countries  
1955, 1960, and 1962-67

	Thousand Units							
	1955	1960	1962	1963	1964	1965	1966	1967
US.....	124,000*	168,314*	200,258*	214,353*	228,000*	242,000*	262,700*	280,000*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	24,700*	44,400*	50,700*	53,600*	55,500*	57,400*	60,400*	63,200*
USSR.....	13,000*	27,800*	32,800*	35,200*	36,700*	38,200*	39,800*	42,200*
Eastern Europe.....	11,700*	16,600*	17,900*	18,400*	18,800*	19,200*	20,600*	21,000*
Bulgaria.....	327*	868*	1,127*	1,227*	1,323*	1,405*	1,475*	1,500* <sup>b</sup>
Czechoslovakia.....	2,839*	3,103*	3,132*	3,126*	3,094*	3,075*	3,187*	3,206*
East Germany.....	5,009*	5,574*	5,670*	5,739*	5,759*	5,804*	5,820*	5,855* <sup>b</sup>
Hungary.....	1,173*	1,969*	2,141*	2,209*	2,268*	2,320*	2,485*	2,454*
Poland.....	1,649*	3,796*	4,243*	4,372*	4,499*	4,627*	5,593*	5,800*
Rumania.....	654*	1,283*	1,568*	1,711*	1,827*	1,956*	2,051*	2,220*
Far East								
North Korea.....	81*	149*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
North Vietnam.....	N.A.	N.A.	22*	49*	N.A.	75	N.A.	N.A.
Other								
Albania.....	20*	54*	66*	68*	76*	88*	103*	120*
Cuba.....	1,250* <sup>o</sup>	1,100*	1,300*	1,300*	1,300*	N.A.	N.A.	N.A.
Yugoslavia.....	592*	1,562*	2,078*	2,278*	2,520*	2,700*	3,000*	3,054*

\* An asterisk indicates that the data are unclassified.

<sup>a</sup> Data are as of the end of the year and exclude wired loudspeakers.<sup>b</sup> Excluding data for portable radio receivers.<sup>o</sup> Data are for 1956.



Table 175

Television Receivers in Public Use <sup>a</sup>  
1955, 1960, and 1962-67

Thousand Units

	1955	1960	1962	1963	1964	1965	1966	1967
<b>NATO COUNTRIES</b> .....	<b>45,600</b>	<b>81,300</b>	<b>95,600</b>	<b>104,000</b>	<b>113,000</b>	<b>120,000</b>	<b>128,000</b>	<b>134,000</b>
US.....	37,600	55,600	61,200	64,175	67,210	70,560	75,100	78,200
<b>COMMUNIST COUNTRIES</b>								
USSR and Eastern Europe...	869	7,220	13,000	16,600	20,400	24,600	29,500	35,100
USSR.....	823	4,800	8,300	10,500	12,800	15,700	19,000	23,200
Eastern Europe.....	46	2,420	4,710	6,080	7,550	8,910	10,500	11,900
Bulgaria.....	0	3	31	66	122	180	288	331
Czechoslovakia.....	32	795	1,356	1,630	1,899	2,171	2,339	2,520
East Germany.....	14	1,035	1,892	2,379	2,801	3,216	3,600	3,950
Hungary.....	<i>Negl.</i>	104	325	471	675	831	996	1,162
Poland.....	<i>Negl.</i>	426	959	1,294	1,698	2,060	2,540	3,000
Rumania.....	<i>Negl.</i>	55	149	245	357	450	740	952
Far East								
Communist China.....	<i>N.A.</i>	20	20	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>
Other								
Cuba.....	160	500	520	550	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>	<i>N.A.</i>
Yugoslavia.....	<i>N.A.</i>	30	126	212	393	500	800	1,001

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium....	70	520	1,700	Iceland.....	<i>N.A.</i>	1	24	Portugal.....	<i>N.A.</i>	58	277
Canada....	2,000	3,840	5,900	Italy.....	250	2,361	7,605	Turkey.....	<i>Negl.</i>	1	2
Denmark...	7	545	1,200	Luxembourg...	1	7	42	UK.....	5,100	11,028	15,200
France....	250	2,000	7,196	Netherlands...	60	812	2,630	West Germany.	260 <sup>b</sup>	4,465	13,500
Greece....	<i>N.A.</i>	<i>N.A.</i>	7	Norway.....	<i>Negl.</i>	49	670				

<sup>a</sup> Data are as of the end of the year and include monochrome and color television receivers.

<sup>b</sup> Excluding data for the Saar.

Table 176

## Selected Conversion Factors

To Convert From	To	Multiply By
Acres	Hectares	0.40468564
Acres	Kilometers, square	0.004046856
Acres	Meters, square	4,046.856
Acres	Miles, square	0.0015625
Feet	Meters	0.30480061
Feet, cubic	Meters, cubic	0.028317
Feet, cubic	Tons, register	0.01
Feet, square	Meters, square	0.09290341
Gallons, US liquid	Meters, cubic	0.0037854
Gallons, US liquid	Inches, cubic	231
Gallons, US liquid	Feet, cubic	0.1336816
Gallons, US liquid	Liters	3.785306
Hectares	Acres	2.471054
Hectares	Kilometers, square	0.01
Hectares	Miles, square	0.00386101
Kilometers	Miles, US nautical	0.539957
Kilometers	Miles, US statute	0.621371
Kilometers, square	Acres	247.1054
Kilometers, square	Hectares	100
Kilometers, square	Miles, square	0.386101
Meters	Feet	3.280840
Meters	Yards	1.093613
Meters, cubic	Tons, register	0.353147
Meters, cubic	Feet, cubic	35.314667
Meters, cubic	Gallons, US liquid	264.17205
Meters, square	Feet, square	10.763910
Meters, square	Yards, square	1.195991
Miles, US nautical	Kilometers	1.852
Miles, square	Acres	640
Miles, square	Hectares	259
Miles, square	Kilometers, square	2.59
Miles, statute	Kilometers	1.609344
Ounces, troy	Grams	31.103486
Pounds, avoirdupois	Quintals	0.00453592
Pounds, avoirdupois	Tons, metric	0.000453592
Quarts, US dry	Liters	1.10119
Quarts, US liquid	Liters	0.946326
Quintals	Pounds	220.4622
Quintals	Tons, metric	0.1
Tons, long	Tons, metric	1.016047
Ton-kilometers, metric	Ton-miles, short	0.684943
Tons, metric	Pounds	2,204.622
Tons, metric	Quintals	10
Tons, metric	Tons, long	0.984206
Tons, metric	Tons, short	1.10231
Ton-miles, short	Ton-kilometers, metric	1.459975
Tons, register	Feet, cubic	100
Tons, register	Meters, cubic	2.831685
Tons, short	Tons, metric	0.907185
Yards	Meters	0.9144018
Yards, square	Meters, square	0.836127

Table 177  
 Rates of Exchange for Currencies of Communist Countries  
 as of 1 April 1968

	Unit of Currency	Rate of Exchange			
		In Terms of US \$1		In Terms of 1 Ruble	
		Commercial Rate <sup>a</sup>	Noncommercial Rate <sup>b</sup>	Commercial Rate <sup>a</sup>	Noncommercial Rate <sup>b</sup>
USSR.....	Ruble.....	0.90	0.90		
Eastern Europe					
Bulgaria.....	Lev.....	1.17	1.99	1.3	0.78
Czechoslovakia.....	Koruna.....	7.2	14.36	8.0	9.66
East Germany.....	Deutsche Mark East.....	4.2 <sup>c</sup>	4.2	4.67 <sup>c</sup>	3.20
Hungary.....	Forint.....	11.74	30	13.04	13.11
Poland.....	Zloty.....	4	24	4.44	15.32
Rumania.....	Leu.....	6	12	6.67	8.31
Far East					
Communist China.....	Yuan.....	2.00	2.46 <sup>d</sup>	2.22	1.29
North Korea.....	Won.....	1.20	2.57	1.33	1.44
North Vietnam.....	Dong.....	2.94	3.7	3.27	1.92
Other					
Albania.....	Lek.....	5	15	5.56	8.4
Cuba.....	Peso.....	1	1	1.11	1.11
Mongolia.....	Tugrik.....	4.0	4.5	4.44	4.18
Yugoslavia.....	Dinar.....	12.5	12.5	13.9	13.9

<sup>a</sup> Official rates unless otherwise indicated. These rates are used for converting trade statistics.  
<sup>b</sup> Rates used for noncommercial transactions such as diplomatic, tourist and student expenditures, personal remittances, and the like. Some countries have special rates for tourists and personal remittances in addition to the noncommercial rate.  
<sup>c</sup> The unofficial rates actually used in East German accounting of foreign trade transactions. Official rates still listed, but not used, are 2.22 DME to US \$1 and 2.47 DME to 1 ruble.  
<sup>d</sup> Based on the cross rate of exchange between the yuan and UK pound sterling.

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Table 178

Cross Rates of Exchange for Currencies of the NATO Countries <sup>a</sup>  
1967

Country: (Monetary unit):	US (Dollar)	Bel- gium <sup>b</sup> (Frane)	Canada (Dollar)	Den- mark (Krone)	France (New Frane)	Greece (Drach- ma)	Iceland (Krona)	Italy (Lira)	Nether- lands (Guilder)	Norway (Krone)	Portugal (Escudo)	Turkey (Lira)	UK (Pound)	West Ger- many (Deut- sche Mark)
US.....	1.000	0.020	0.925	0.133	0.203	0.033	0.018	0.0016	0.276	0.140	0.035	0.111	2.400	0.250
Belgium <sup>b</sup> .....	50.00	1.000	46.25	6.667	10.13	1.667	0.877	0.0300	13.81	7.000	1.739	5.556	120.0	12.50
Canada.....	1.081	0.022	1.000	0.144	0.219	0.036	0.019	0.0017	0.299	0.151	0.038	0.120	2.595	0.270
Denmark.....	7.500	0.150	6.938	1.000	1.519	0.250	0.132	0.0120	2.072	1.050	0.261	0.833	18.00	1.875
France.....	4.937	0.099	4.567	0.658	1.000	0.165	0.087	0.0079	1.364	0.691	0.172	0.549	11.85	1.234
Greece.....	30.00	0.600	27.75	4.000	6.077	1.000	0.526	0.0480	8.287	4.200	1.043	3.333	72.00	7.500
Iceland.....	57.00	1.140	52.73	7.600	11.55	1.900	1.000	0.0912	15.75	7.980	1.933	6.333	136.8	14.25
Italy.....	625.0	12.50	578.1	83.33	126.6	20.83	10.96	1.000	172.7	87.50	21.74	69.44	1,500	156.3
Netherlands.....	3.620	0.072	3.349	0.483	0.733	0.121	0.064	0.0058	1.000	0.507	0.126	0.402	8.69	0.905
Norway.....	7.143	0.143	6.607	0.952	1.447	0.238	0.125	0.0114	1.973	1.000	0.248	0.794	17.14	1.786
Portugal.....	28.75	0.575	26.59	3.833	5.823	0.953	0.504	0.0460	7.942	4.025	1.000	3.194	69.00	7.188
Turkey.....	9.000	0.180	8.325	1.200	1.823	0.300	0.153	0.0144	2.486	1.260	0.313	1.000	21.60	2.250
UK.....	0.417	0.008	0.385	0.056	0.084	0.014	0.007	0.0007	0.115	0.053	0.014	0.046	1.000	0.104
West Ger- many Deutsche Mark.	4.000	0.030	3.700	0.533	0.810	0.133	0.070	0.0064	1.105	0.560	0.139	0.444	9.60	1.000

One monetary unit of the currency quoted above equals the following:

<sup>a</sup> Par values as declared to the International Monetary Fund. Data are as of 15 April 1968.

<sup>b</sup> The rates of exchange for Luxembourg are the same as those for Belgium.

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

SECRET

## INDEX

	<i>Page</i>		<i>Page</i>
Academic, technical, and military trainees to Communist countries	82	Aircraft and guided missile systems, Communist, to less developed countries	80
Acetate and rayon fabrics	119	Aircraft, civil, inventory of	163
Acid, sulfuric	84	Aircraft, military, production of	23
Agricultural and industrial production	5-10	Airfreight traffic	152
Agricultural and industrial production indexes, Eastern Europe	7	Air passenger traffic	152
Agricultural equipment	142	Albania, selected economic data	48
Agricultural inputs and output, US and USSR	127	Aluminum, primary	111
Agricultural investment, US and USSR	127	Ammonia, synthetic	85
Agricultural labor force	27	Arable land	128
Agricultural labor force, US and USSR	127	Automobiles in use	17
Agricultural production indexes, Eastern Europe	7	Automobiles, passenger, production of	161
Agricultural production indexes, US and USSR	5, 127	Bauxite	112
Agriculture	127-142	Breadgrain	130
Aid	65-83	Brown coal and lignite	93
Aid, Chinese Communist, economic and military, by area	71	Budget, state, USSR	11
Aid, Chinese Communist, military, to North Vietnam	67	Bulgaria, selected economic data	39
Aid, Communist and US, economic, by recipient	68	Buses and trucks, production of	162
Aid, Communist, economic and military, by area	69	Calls, telephone, long-distance	170
Aid, Communist, economic and military, by recipient and donor	74	Capacities of selected ports	143
Aid, Communist, economic and military, extensions and drawings	72	Cargo ships, maritime, construction of	154
Aid, Communist, economic and military, to North Vietnam	65	Cars, railroad freight, inventory of	165
Aid, Communist, economic, by recipient and donor	76	Cars, railroad freight, production of	160
Aid, Communist, economic, extensions and drawings	73	Cattle, inventory of	138
Aid, Communist, military, by recipient and donor	78	Caustic soda	86
Aid, Communist, military, extensions and drawings	73	Cement	126
Aid, Communist, to less developed countries	65-83	Chemical equipment	122
Aid, Soviet, economic and military, by area	70	Chemical equipment imports, USSR	64
Aid, Soviet, military, to North Vietnam	66	Chemicals	84-88
Aid, US and Communist, economic, by recipient	68	Chinese Communist economic and military aid to less developed countries, extensions and drawings, by area	71
		Chinese Communist military aid to North Vietnam	67
		Chromite	106
		Civil aircraft, inventory of	163
		Coal, brown, and lignite	93
		Coal, hard	92
		Coarse grain	131
		Cobalt	107
		Coke, metallurgical	94

SECRET

181

SECRET

	<i>Page</i>		<i>Page</i>
Combines, grain .....	142	Communist land armaments and naval ships to less developed countries, by recipient .....	79
Commercial vehicles, production of .....	162	Communist military aid to less developed countries .....	65-83
Communications .....	169-176	Communist military aid to less developed countries, by recipient and donor .....	76
Communications equipment, inventory of .....	169, 175, 176	Communist military aid to less developed countries, extensions and drawings .....	73
Communications equipment, production of .....	172-174	Communist military equipment to less developed countries .....	81
Communications performance .....	169-171	Comparative data on GNP, US and USSR .....	1
Communist aid to less developed countries ..	65-83	Comparative performance and plan data .....	16-18
Communist aircraft and guided missile systems to less developed countries .....	80	Construction .....	124-126
Communist and US economic aid to less developed countries .....	68	Construction, total housing .....	125
Communist China, foreign trade .....	64	Construction, value of .....	124
Communist China, selected economic data ..	45	Consumer goods .....	117-119
Communist countries, academic, technical, and military trainees in .....	82	Consumer goods, producers' goods, and construction .....	117-126
Communist countries and US, military aircraft production .....	23	Consumption, factors of, US and USSR .....	17
Communist countries, direction of foreign trade ..	52	Conversion factors .....	177
Communist countries, exchange rates .....	178	Copper, refined .....	110
Communist countries, indexes of gross industrial production .....	8	Cotton fabrics .....	117
Communist countries, academic students in ..	82	Cotton, ginned .....	140
Communist countries, military trainees in .....	82	Country tables, economic data .....	29-51
Communist countries, naval ship construction ..	22	Credits, Western, to USSR, drawings and re-payments on .....	13
Communist countries, students in .....	82	Crops, food .....	129-133
Communist countries, technical trainees in ..	82	Crude oil .....	95
Communist countries, trade among .....	58	Crude steel .....	100
Communist countries, trade turnover .....	57	Cuba, selected economic data .....	49
Communist countries, trade with Free World ..	59	Currency, foreign rates of exchange .....	178-179
Communist economic aid to less developed countries .....	65-83	Currency, hard, payments deficit, USSR .....	14
Communist economic aid to less developed countries, by recipient and donor .....	76	Czechoslovakia, selected economic data .....	40
Communist economic aid to less developed countries, extensions and drawings .....	73	Defense expenditures, US and USSR, by mission .....	19
Communist economic and military aid to less developed countries .....	65-83	Defense and space expenditures, USSR .....	19-21
Communist economic and military aid to less developed countries, by recipient and donor ..	74	Defense budget, USSR .....	21
Communist economic and military aid to less developed countries, extensions and drawings ..	72	Deliveries, Communist, of aircraft and guided missile systems to less developed countries ..	80
Communist economic and military aid to less developed countries, extensions and drawings, by area .....	69	Deliveries, Communist, of land armaments and naval ships to less developed countries .....	79
Communist economic and military aid to North Vietnam .....	65	Deliveries, Communist, of military equipment to less developed countries .....	81
Communist economic and military technicians in less developed countries .....	83	Developed countries, trade of .....	55
		Diesel locomotives, production of .....	158
		Domestic telegrams .....	171
		Domestic transport performance, US and USSR ..	144
		Drawings on Western credits to USSR .....	13

SECRET

SECRET

	<i>Page</i>		<i>Page</i>
Eastern Europe and USSR, trade with US	53	Economic data, US	29
Eastern Europe, indexes of industrial and agricultural production, by country	7	Economic data, US and USSR	16, 17
Eastern Europe, selected economic data	38	Economic data, USSR	37
East Germany, selected economic data	41		
Economic aid, Communist, to less developed countries	65-83	Economic data, Yugoslavia	51
Economic aid, Communist, to less developed countries, by recipient and donor	76	Economic indicators	1-18
Economic aid, Communist, to less developed countries, extensions and drawings	73	Economic plan, USSR, for 1970	18
Economic aid, total	68	Electric generating capacity, installed	99
Economic aid, US and Communist, to less developed countries	68	Electric generators	123
Economic and military aid	65-83	Electric locomotives, production of	159
Economic and military aid, Chinese Communist, to less developed countries, extensions and drawings, by area	71	Electric motors	122
Economic and military aid, Communist, to less developed countries, by recipient and donor	74	Electric power	98, 99
Economic and military aid, Communist, to less developed countries, extensions and drawings	72	Electron tubes	172
Economic and military aid, Communist, to less developed countries, extensions and drawings, by area	69	Energy, primary	91
Economic and military aid, Communist, to North Vietnam	65	Equipment, agricultural, production of	142
Economic and military aid, Soviet, to less developed countries, extensions and drawings, by area	70	Equipment, chemical, imports, USSR	64
Economic and military indicators	1-23	Equipment, chemical, production of	122
Economic and military technicians, Communist, in less developed countries	83	Equipment, communications, inventory of	169, 175, 176
Economic data, Albania	48	Equipment, communications, production of	172, 174
Economic data, Bulgaria	39	Equipment expenditures, military	19-23
Economic data, Communist China	45	Equipment, metallurgical	121
Economic data, Cuba	49	Equipment, power	123
Economic data, Czechoslovakia	40	Equipment, transportation, inventory of	163-168
Economic data, East Germany	41	Equipment, transportation, production of	154-162
Economic data, France	31	European NATO, selected economic data	30
Economic data, Hungary	42	Europe, Eastern, selected economic data	38
Economic data, India	35	Exchange rates, Communist countries	178
Economic data, Italy	32	Exchange rates, NATO countries	179
		Expenditures, defense, US and USSR, by mission	19
Economic data, Mongolia	50	Expenditures, military, USSR	19-23
Economic data, North Korea	46	Expenditures, space, USSR	19-21
Economic data, North Vietnam	47	Exports, USSR	61
Economic data, Poland	43	Exports, USSR, petroleum	63
Economic data, Rumania	44	Exports, world	53
		Fabrics, cotton	117
		Fabrics, rayon and acetate	119
		Fabrics, woolen	118
		Factors, conversion	177
		Factors of consumption, US and USSR	17
		Farm labor force, US and USSR	127
		Ferrous and ferroalloying ores and metals	100-108
		Fertilizer, mineral	87, 88, 127
		Fertilizer, mineral, nutrient content	87, 127
		Fibers, selected	140, 141
		Fibers, synthetic	119
		Finance and investment data, USSR	11-15

25X6A

25X6A

25X6A

SECRET





SECRET

<i>Page</i>	<i>Page</i>		
Less developed countries, Communist deliveries of military equipment to . . . . .	81	Military expenditures, USSR, by mission . . . . .	19-21
Less developed countries, Communist land armaments and naval ships to . . . . .	79	Military trainees to Communist countries . . . . .	82
Less developed countries, trade of . . . . .	56	Milk . . . . .	135
Lignite and brown coal . . . . .	93	Mineral fertilizer . . . . .	87, 88, 127
Livestock, inventory of . . . . .	138, 139	Mineral fertilizer, nutrient content . . . . .	87, 127
Locomotives, diesel, production of . . . . .	158	Minerals and metals . . . . .	100-116
Locomotives, electric, production of . . . . .	159	Molybdenum . . . . .	107
Locomotives, inventory of . . . . .	164	Mongolia, selected economic data . . . . .	50
Locomotives, mainline, production of . . . . .	157	Motors, electric . . . . .	122
Locomotives, production of . . . . .	157	Motor vehicle freight traffic . . . . .	147, 148
Long-distance telephone calls . . . . .	170	National product, gross . . . . .	1-4
Machine tools, metalcutting . . . . .	120	NATO countries, exchange rates . . . . .	179
Machine tools, metalforming . . . . .	121	NATO countries, GNP . . . . .	2, 4
Magnesium, primary . . . . .	116	NATO, European, selected economic data . . . . .	30
Mainline diesel locomotives, production of . . . . .	158	Natural gas . . . . .	97
Mainline electric locomotives, production of . . . . .	159	Natural rubber . . . . .	89
Mainline locomotives, inventory of . . . . .	164	Naval ships and land armaments, Communist, to less developed countries . . . . .	79
Mainline locomotives, production of . . . . .	157	Naval ships, construction of, Communist countries . . . . .	22
Manganese ore . . . . .	104	Nickel, refined . . . . .	105
Maritime cargo ships, construction of . . . . .	154	Nonagricultural labor force . . . . .	28
Maritime tankers, construction of . . . . .	155	Nonferrous ores and metals . . . . .	109-116
Meat . . . . .	134	North Korea, selected economic data . . . . .	46
Merchant fleet, inventory of . . . . .	167	North Vietnam, Chinese Communist military aid to . . . . .	67
Metalcutting machine tools . . . . .	120	North Vietnam, Communist economic and military aid to . . . . .	65
Metalforming machine tools . . . . .	121	North Vietnam, selected economic data . . . . .	47
Metallurgical coke . . . . .	94	North Vietnam, Soviet military aid to . . . . .	66
Metallurgical equipment . . . . .	121	Ocean freight traffic . . . . .	151
Metals, ferrous and ferroalloying . . . . .	100-108	Oil, crude . . . . .	95
Metals, nonferrous . . . . .	109-116	Ore, iron . . . . .	103
Military, academic, and technical trainees to Communist countries . . . . .	82	Ore, manganese . . . . .	104
Military aid, Chinese Communist, to North Vietnam . . . . .	67	Ores and metals, ferrous and ferroalloying . . . . .	100-108
Military aid, Communist, to less developed countries . . . . .	65-83	Ores and metals, nonferrous . . . . .	109-116
Military aid, Communist, to North Vietnam . . . . .	65	Ore, tungsten . . . . .	108
Military aid, Soviet, to North Vietnam . . . . .	66	Passenger automobiles in use . . . . .	17
Military aircraft, production of . . . . .	23	Passenger automobiles, production of . . . . .	161
Military and economic aid . . . . .	65-83	Passenger traffic, air . . . . .	152
Military and economic aid, Communist, to North Vietnam . . . . .	65	Payments deficit, USSR . . . . .	14
Military and economic technicians, Communist, in less developed countries . . . . .	83	Performance, communications . . . . .	169-171
Military equipment, Communist, to less developed countries . . . . .	81	Performance, transportation . . . . .	145-153
Military expenditures and equipment . . . . .	19-23	Persons supplied per farm worker . . . . .	17
Military expenditures, USSR . . . . .	19-23	Petroleum exports, USSR . . . . .	63
		Petroleum pipeline transportation . . . . .	153
		Petroleum products . . . . .	96
		Pig iron . . . . .	102

SECRET

185

SECRET

	<i>Page</i>		<i>Page</i>
Pipeline transportation, petroleum	153	Shoes	117
Plan data and comparative performance	16-18	Smelter lead	113
Plan, economic, USSR, for 1970	18	Soda, caustic	86
Plastics	88	Soviet budget	11
Poland, selected economic data	43	Soviet economic and military aid to less developed countries, extensions and drawings, by area	70
Population	25	Soviet economic plan for 1970	18
Population and country tables	24-51	Soviet expenditures for defense and space	20, 21
Ports, capacities of	143	Soviet gross fixed investment	12
Potatoes	133	Soviet gross national product, by end use	4
Power, electric	98, 99	Soviet hard currency payments deficit	14
Power equipment	123	Soviet imports of chemical equipment	64
Power, hydroelectric	98	Soviet investment and finance data	11-15
Primary aluminum	111	Soviet military aid to North Vietnam	66
Primary energy	91	Space expenditures, USSR	19-21
Primary magnesium	116	Space systems expenditures, USSR	20
Primary tin metal	115	Sponge, titanium	116
Processed foods and fish catch	134-137	State budget, USSR	11
Producers' goods	120-123	Steel, crude	100
		Steel, rolled	101
Radio receivers in use	175	Students from less developed countries in Communist countries	82
Radio receivers, production of	173	Sugar	136
Railroad freight cars, inventory of	165	Sulfuric acid	84
Railroad freight cars, production of	160	Synthetic ammonia	85
Railroad freight traffic	145, 146	Synthetic fibers	119
Rates of exchange, Communist countries	178	Synthetic rubber	89
Rates of exchange, NATO countries	179		
Raw materials and industrial products	84-116	Tanker fleet, inventory of	168
Rayon and acetate fabrics	119	Tankers, maritime, construction of	155
Receivers, radio, in use	175	Technical, academic, and military trainees to Communist countries	82
Receivers, radio, production of	173	Technicians, Communist, economic and military, in less developed countries	83
Receivers, television, in use	176	Telegrams, domestic	171
Receivers, television, production of	174	Telephone calls, long-distance	170
Refined copper	110	Telephones in use	169
Refined nickel	105	Television receivers in use	176
Refined zinc	114	Television receivers, production of	174
Refrigerators	17	Tin metal, primary	115
Repayments, scheduled, on Western credits to USSR	13	Tires, rubber	90
Rice	132	Titanium sponge	116
Rolled steel	101	Tools, metalcutting machine	120
Rubber and rubber products	89, 90	Tools, metalforming machine	121
Rubber, natural	89	Tractors	127, 142
Rubber, synthetic	89	Trade among Communist countries	58
Rubber tires	90	Trade, commodity composition, US with USSR	54
Rumania, selected economic data	44	Trade, Communist China	64
		Trade, Communist countries, direction of	52
Ships, fishing, construction of	156		
Ships, maritime cargo, construction of	154		
Ships, naval, construction of, Communist countries	22		

SECRET

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

SECRET

<i>Page</i>	<i>Page</i>		
Trade, Communist countries with Free World	59	USSR and US, GNP, by end use	3
Trade, developed countries	55	USSR and US, indexes of industrial and agricultural production	5
Trade, foreign	52-64	USSR and US, production of military aircraft	23
Trade, less developed countries	56	USSR and US, trade, by commodity	54
Trade turnover, Communist countries	57	USSR, chemical equipment imports	64
Trade, US and USSR, commodity composition	54	USSR, defense and space expenditures	19-21
Trade, USSR	60-64	USSR, drawings and scheduled repayments on Western credits to	13
Trade, USSR, chemical equipment imports	64	USSR, economic and military aid to less developed countries	70
Trade, USSR, petroleum exports	63	USSR, exports	61
Trade, US, with USSR and Eastern Europe	53	USSR, foreign trade	60
Trade, US, with USSR, by commodity	54	USSR, gold	15
Traffic, airfreight	152	USSR, gross fixed investment	12
Traffic, air passenger	152	USSR, gross industrial production indexes	8
Traffic, inland water freight	149, 150	USSR, hard currency payments deficit	14
Traffic, motor vehicle freight	147, 148	USSR, imports	62
Traffic, ocean freight	151	USSR, industrial production indexes	5, 6, 8, 9
Traffic, railroad freight	145, 146	USSR, industrial production, rates of growth, by branch	10
Trainees in Communist countries	82	USSR, investment and finance data	11-15
Transportation and communications	143-176	USSR, military aid to North Vietnam	66
Transportation equipment, inventory of	163-168	USSR, military expenditures	19-23
Transportation equipment, production of	154-162	USSR, petroleum exports	63
Transportation performance	145-153	USSR, plan for 1970	18
Transportation, petroleum pipeline	153	USSR, selected economic data	37
Transport, domestic, US and USSR	144	USSR, state budget	11
Trucks and buses, production of	162	USSR, trade	60-64
Trucks, civilian, inventory of	166	USSR, Western credits to	13
Tubes, electron	172		
Tungsten ore	108	Vehicles, commercial, production of	162
Turbines	123	Vehicles, motor, production of	161, 162
		Washing machines	17
		Western credits to USSR, drawings and scheduled repayments on	13
		Wool	141
		Woolen fabrics	53
		World exports	53
		Yugoslavia, selected economic data	51
		Zinc, refined	114

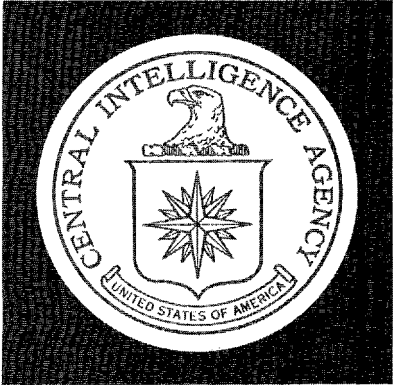
25X6A

US and Communist economic aid to less developed countries	68
US, selected economic data	29
USSR and Eastern Europe, trade with US	53
USSR and US, agricultural inputs and output	127
USSR and US, agricultural investment	127
USSR and US, agricultural production indexes	5, 127
USSR and US, comparison of GNP	1
USSR and US, defense expenditures, by major mission	19
USSR and US, domestic transport	144
USSR and US, economic data	16, 17
USSR and US, factors of consumption	17

SECRET

**Secret**

*No Foreign Dissem*



DIRECTORATE OF  
INTELLIGENCE

# Intelligence Handbook

*Economic Intelligence Statistical Handbook*

1968

RETURN TO ARCHIVES & RECORDS CENTER

IMMEDIATELY AFTER USE

JOB 79S 1091 BOX 1

**Secret**

ER H 68-1

July 1968

## WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the US Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

---

**Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7**

**Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7**



Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

**Secret**

*No Foreign Dissem*

**Secret**

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

CONTROL RECORD FOR SUPPLEMENTAL DISTRIBUTION

SERIES NUMBER		CLASSIFICATION OF REPORT	DISTRIBUTION TO RC	
ER H 68-1		SECRET/NFD	10085	
DATE OF DOCUMENT		NUMBER OF COPIES	NUMBER IN RC	
July 1968		665	<del>19 73 62 53 78 70</del> 12	
COPY NO. (S)	RECIPIENT	DATE		
		SENT	RETURNED	
1-170	Rec'd in St/P/C	5 Jul 68		
1-5	DDI	"		
6	* D/OER	"		
7	DD/OER	"		
8	EA/ER	"		
9	Mr. Morell via O/D/OER	"	31 Jul 68	
10	SA/ER	"		
11	Ch/CRA	"		
12	Ch/IRA	"		
13	D/ONE	"		
14	D/OCI	"		
15	Ch/St/P	"	17 Sep 69	
16	Ch/St/P/A	"		
17, 18, 25X1A9a	[REDACTED] OCI	"	19 Jul 68	
19-22	O/DDI	"	8 Jul 68	
3-5, 19-26	ELITE (transmitted under ADDI's signature) - see attached via CRS	8 Jul 68		
27, 25X1A9a	[REDACTED] D/IS	9 Jul 68	9 Jul 68	
27, 29	C/I	10 Jul 68		
28, 30-33	DDI	8 Jul 68		
34-163	ELITE Distri (see attached)	10 Jul 68		
164-170	OSR/P/A	9 Jul 68		
275-329	Rec'd in St/P/C	10 Jul 68		
275-277	C/C	11 Jul 68		
278-280	C/R	11 Jul 68		
281	OSR, [REDACTED] 25X1A9a	12 Jul 68		
282	[REDACTED] St/P 25X1A9a	15 Jul 68		
283, 284	[REDACTED]	17 Jul 68		
285	[REDACTED]	"		
286	[REDACTED]	"		
287	[REDACTED] 25X1A6a	"		
288	[REDACTED]	"		
289	[REDACTED]	"		
290	[REDACTED]	"		
291	[REDACTED]	18 Oct 68		
292-296	[REDACTED]	17 Oct 68		
297-299	[REDACTED]	"		
300-302	[REDACTED] 25X1X7	"	at 14 [REDACTED] 23 Oct 68	
303	NORAD VIA AFNIN	"		
304, 305	[REDACTED] via SA/ER 25X1X7	"		
306	[REDACTED] a DDP	"		
307-309	[REDACTED] 25X1X7	"		

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

\* gone to DDI (to take on trip to NY for briefing Mr. Nixon) 12 Nov 68

Sanitized - Approved For Release : CIA-RDP79S01091A000100030001-7

COPY NO. (S)	RECIPIENT	DATE	
		SENT	RETURNED
310	[REDACTED]	18 Oct 68	
311-313	[REDACTED]	18 Oct 68	25X1X7
314-318	[REDACTED] via OCI Reg.	17 Jul 68	
319-329	Filed in St/P/C	"	
516-520	Ret'd from Commerce, BDSA (Error)	12 Jul 68	
516	[REDACTED] U/TT	17 Jul 68	25X1A9a
517	Legislative Counsel, 7D35	"	
518	C.G. Nuckols, OSD SA 4B923, Pentagon	"	
202	via CRS		
232	Rec'd in St/P/C	11 Jul 68	
51	Ret'd from CRS - was on the Elite for Robert Magill, State - resigned	"	
195	Ret'd to St/P/C	"	
319-328	DIA DIACO-3 A Bldg, W. Hall Station, Attn: [REDACTED] via CRS/APD	17 Jul 68	25X1A
330-344	Rec'd from KC	17 Jul 68	
330-337	Commerce, James M. Owens, Dir. 24. J Basin, Molecular, BSDA vic KS	19 Jul 68	
343	[REDACTED] IS/IT	19 Jul 68	25X1A9a
338-341	Robert W. Bennett, State (see attached - sent out under Act. DDI)	17 Jul 68	25X1A9a
198, 19, 16	U/E, [REDACTED] for Brandt use	20 Jul 68	
327, 342, 344	O/D/DI	24 Jul 68	25X1A9a
345-350	Rec'd from R.C.	26 Jul 68	
351-356	[REDACTED] DDP/NE	26 Jul 68	
351-356	Rec'd from R.C.	29 Jul 68	25X1A9a
351-353	[REDACTED] U/E	29 Jul 68	
9	Subj: INR/CS Jole, Summary via DDP/CRS	31 Jul 68	
355	ACSE/EDB, Army via DDP/CRS	"	
520	[REDACTED] DDP x 576	31 Jul 68	25X1A9a
347	[REDACTED]	1 Aug 68	
257-366	Rec'd from R.C.	20 Aug 68	25X1A9a
354	[REDACTED] U/R	21 Aug 68	23 Jan 70
360-361	[REDACTED] OGGI/E 912 mag	22 Aug 68	25X1A9a
363-	DA-SD/ISA min DDP/CRS	22 Aug 68	
357	[REDACTED] DDP/CRS x 501	22 Aug 68	25X1A9a
358-35	[REDACTED] State	22 Aug 68	
365-36	[REDACTED] DNE Reading Rm	22 Aug 68	
367-376	Rec'd from R.C.	26 Aug 68	
375	[REDACTED] OSE/PSD x 7262	27 Aug 68	25X1A9a
376	Army, ACSE via DDP/CRS	27 Aug 68	
362-	[REDACTED] Ord R	28 Aug 68	25X1A9a
364-	[REDACTED] R	28 Aug 68	

CONTROL RECORD FOR SUPPLEMENTAL DISTRIBUTION

SERIES NUMBER		CLASSIFICATION OF REPORT	DISTRIBUTION TO RC	
ER H 68-1		SECRET/NFD		
DATE OF DOCUMENT		NUMBER OF COPIES	NUMBER IN RC	
July 1968				
COPY NO. (S)	25X1A9a	RECIPIENT	DATE	
			SENT	RETURNED
367	56/P	[REDACTED]	3 Aug 68	
51	D/PPB, DCT	[REDACTED]	9 Sep 68	25X1A9a
373	[REDACTED]	[REDACTED]	13 Sep 68	12 Nov 68
374	[REDACTED]	[REDACTED]		
368	DIA via Ly/CRS	[REDACTED]	23 Sep 68	
371	US Army via Ly/CRS	[REDACTED]	"	
372	OSR/Pub.	[REDACTED]	23 Sep 68	
377-381	Rec'd from R.C.	[REDACTED]	16 Oct 68	
369	[REDACTED] U/R-#631	[REDACTED]	23 Oct 68	25X1A9a
370, 381	CIA Jcy for DIA for AFNIN	[REDACTED]	29 Oct 68	
232, 379	U/ED 25X1A9a	[REDACTED]	5 Nov 68	
377	D/OER	[REDACTED]	13 Nov 68	19 Nov 68
519	OSR/NS	[REDACTED]	14 Nov 68	
382-386	Rec'd from R.C.	[REDACTED]	14 Nov 68	
380, 382	CIA Jcy - see Ly use	[REDACTED]	14 Nov 68	
378, 386	[REDACTED] H. K. S.	[REDACTED]	15 Nov 68	25X1A9a
377	OSR/PAM	[REDACTED]	19 Nov 68	25X1A9a
387-391	Rec'd from R.C.	[REDACTED]	20 Nov 68	
384	DIA via H. K. S.	[REDACTED]	25X1A	2 Dec 68
383	[REDACTED] JCS	[REDACTED]	22 Nov 68	25X1A9a
385	D/OER	[REDACTED]	26 Nov 68	25X1A9a
384	[REDACTED] x 6196	[REDACTED]	2 Dec 68	25X1A9a
389	St/PA	[REDACTED]	3 Jan 69	25X1A9a
392-397	Rec'd from R.C.	[REDACTED]	10 Jan 69	25X1X7
390	[REDACTED]	[REDACTED]	14 Jan 69	
391	[REDACTED]	[REDACTED]	16 Jan 69	9 Jan 69 25X1A9a
387, 394	St/PA	[REDACTED]	27 Jan 69	25X1A9a
395-397	[REDACTED] OSR, x 6276	[REDACTED]	31 Jan 69	25X1A9a
396	DIA via CRS/Ly	[REDACTED]	31 Jan 69	25X1A9a
397	Army/Acust via Ly/CRS	[REDACTED]	31 Jan 69	25X1A9a
392	St/PA (Room)	[REDACTED]	30 Feb 69	4 Feb 69
398-403	Rec'd from R.C.	[REDACTED]	4 Feb 69	
393	[REDACTED] ONE	[REDACTED]	6 Feb 69	25X1A9a
392, 399	Ly/CRS for ACSE & Ly Files	[REDACTED]	25 Feb 69	25X1A9a
402	DIA via Ly/CRS	[REDACTED]	3 Mar 69	25X1A9a
400	OSR/PAM x 6233	[REDACTED]	6 Mar 69	
403	CIA Jcy for DIA	[REDACTED]	10 Mar 69	
404-408	Rec'd from R.C.	[REDACTED]	11 Mar 69	25X1X7
404, 405	[REDACTED]	[REDACTED]	11 Mar 69	

COPY NO. (S)		SENT	RETURNED
407	15/IT for brief use	13 Mar 69	
409-413	Rec'd from R.C.	13 Mar 69	
413	DIA via [redacted]	25 Mar 69	25X1A9a
414-421	Rec'd from R.C.	27 Mar 69	
410	Clarence E. Field Electronic Warfare Div. STIC, Dept of the Navy, via [redacted] u/s (Field picked up from U41)	28 Mar 69	25X1A9a
398, 401, 406, 408, 409	F/INT Liaison [redacted]	28 Mar 69	25X1A
391	DIA via [redacted]	29 Apr 69	25X1A9a
416	A. D. Miller, IRS	19 May 69	
412	[redacted] C/C	19 May 69	25X1A9a
411	[redacted]	16 May 69	25X1X7
414, 415, 418	[redacted] OPPB	19 Jun 69	25X1A9a
423-429	Rec'd from R.C.	20 Jun 69	
385, 424-428	Rec'd to R.C.	25 Jun 69	
356	AFSC/LYCRIS [redacted]	15 Jul 69	
15, 374, 343	4 po 421, 423, 425, 427	12 Jan 70	25X1A9a
359	Mrs. [redacted]	19 Jan 70	
		23 Jan 70	