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DIRECTORATE OF
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Intelligence Memorandum

Shipping to Cuba in 1968 and Trends Since the Missile Crisis

~~Secret~~

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March 1969

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Foreword

This is one of a series of reports published since 1962 which are designed to analyze the number and flags of merchant ships arriving in Cuban ports and the level and composition of imports and exports. The statistics are obtained by aggregating data on individual voyages.

All ship tonnages reported are expressed as gross register tons (GRT), which is a measure of the cubic space of a ship expressed in tons at the rate of 1 GRT per 100 cubic feet. The GRT figures assigned to the shipping discussed are taken from *Lloyd's Register of Shipping*. The volume of cargo is expressed in metric tons, and dry cargo data include that carried on passenger ships as well as on dry cargo ships. Yugoslav shipping is included in Free World shipping. Data for 1968 are preliminary. Because of rounding, components may not add to the totals shown.

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
March 1969

INTELLIGENCE MEMORANDUM

Shipping to Cuba in 1968 and Trends Since
the Missile Crisis

Summary

Three Soviet military shipments in the first six weeks of 1968 marked the end of a 17-month cycle of military deliveries that updated, but probably did not expand significantly, Cuba's inventory of military equipment. These deliveries (September 1966 to mid-February 1968) totaled 31 shiploads containing 64,000 tons of military cargo. The lapse in military shipments since then probably is only a pause, and a new cycle of resupply may be in the offing, as a Cuban military delegation visited Moscow in November 1968. During 1963-68 the USSR shipped 136,000 tons of military equipment to Cuba. These shipments contained both new weapons and replacements, as well as spare parts, and included significant quantities of fighter aircraft, guided missile patrol boats, and subchasers.

Cuba's overall volume of seaborne trade in 1968, about 15 million tons, was down 4 percent from the record level of 1967 because of a drop in exports of sugar. Total imports remained about the same in 1968, although general cargo increased 14 percent and cement and metal products dropped 17 percent and 9 percent, respectively. About 80 percent of Cuba's imports and 45 percent of its exports were carried on Soviet ships. Free World ships carried 13 percent of Cuba's imports and 33 percent of its exports in 1968, up slightly from 1967.

Note: This memorandum was produced solely by CIA. It was prepared by the Office of Economic Research and was coordinated with the Office of Strategic Research. Aside from the coordination of numbers of ship arrivals

... , this memorandum has not been coordinated outside of CIA.

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Since the missile crisis in October 1962, there has been a major shift in the carriage of Cuban trade from Free World to Communist shipping. Arrivals of Free World ships declined from more than 60 percent of the total prior to the missile crisis to about 20 percent in 1968, largely because of US pressures to discourage participation of Free World ships in the Cuban trade. This decline has been more than offset by increased Soviet arrivals with substantially greater average cargo-carrying capacity. Table 1 summarizes the changes in Cuban shipping and seaborne trade between 1963 and 1968.

Table 1
Ship Arrivals and Seaborne Trade for Cuba
1963 and 1968

	<u>1963</u>		<u>1968</u>		Percentage Change
	Number	Percent	Number	Percent	
Ship arrivals, by flag					
Communist	451	50	682	68	+51
Soviet	390	44	595	59	+53
Eastern European	61	7	87	9	+43
Cuban	74	8	114	11	+54
Free World	371	41	210	21	-43
Total	896	100	1,008	100	+12

	<u>1963</u>		<u>1968</u>		Per- centage Change
	Thousand Metric Tons	Percent	Thousand Metric Tons	Percent	
Imports	<u>7,326</u>	<u>100</u>	<u>10,102</u>	<u>100</u>	+38
From Communist coun- tries	6,502	89	8,303	82	+28
From Free World coun- tries	824	11	1,798	18	+118
Exports	<u>4,079</u>	<u>100</u>	<u>5,343</u>	<u>100</u>	+31
To Communist countries	2,198	54	3,155	59	+44
To Free World countries	1,882	46	2,188	41	+16
Total seaborne trade	11,405		15,445		+35

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While total imports have increased 38 percent since 1963, petroleum products and fertilizer have more than tripled, and chemicals have more than doubled. Imports of crude oil, Cuba's largest single import, rose only 5 percent because of the limited capacity at Cuban refineries. There has been a slight decrease in general cargo imports, a reflection of the prolonged industrial stagnation in Cuba.

Exports have fluctuated widely with changes in the sugar harvest, which accounted for more than 80 percent of total exports during 1963-68. The sharp cutback in sugar exports in 1968 broke the upward trend in the proportion of total exports going to Communist countries as Cuba chose to sustain sugar exports to Free World countries in order to gain hard currency. During the five-year period, Japan more than quadrupled its imports from Cuba and replaced the United Kingdom as Cuba's best Free World customer.

No major changes in the pattern of Communist and Free World shipping to Cuba or in the level of Cuban-seaborne trade are expected in 1969.

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Ship Arrivals

1. There were 1,006 ship arrivals in Cuba in 1968, slightly below the record level in 1967. Although arrivals increased only 12 percent since 1963, their cargo carrying capacity was 29 percent higher in 1968 than in 1963. As shown in Table 2 (and in greater detail in Tables 6 and 7), there was a significant shift in the relative participation of Communist, Cuban, and Free World ships in Cuba's seaborne foreign trade during the past six years.

Table 2

Ship Arrivals in Cuba, by Flag
1963, 1967, and 1968

	1963		1967		1968		Percentage Change 1968 over 1963
	Number	Percent	Number	Percent	Number	Percent	
Communist	451	50	707	67	682	68	+51
Soviet	390	44	595	57	595	59	+53
Eastern European	61	7	112	11	87	9	+43
Cuban	74	8	126	12	114	11	+54
Free World	371	41	220	21	210	21	-43
Total	896	100	1,053	100	1,006	100	+12

2. The number of Free World ship arrivals dropped by more than one-half immediately after the 1962 missile crisis and has since dropped further as the result of US efforts (legislation, sanctions, and moral suasion) to discourage Free World ships from participating in Cuban trade (see Table 8).

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Between 1962 and 1968 the share of Free World ships in total arrivals went from 63 percent to 21 percent (see Figure 1). An increase in Soviet arrivals made up for the largest portion of this drop in Free World tonnage, whereas Eastern European and Cuban ship arrivals increased much less. The upward trend in Cuban arrivals is the result of additions to the Cuban merchant fleet, which grew from 28 ships (1,000 GRT and larger) in 1963 to 48 ships in 1968.

3. The flags of 12 Free World countries were represented in the 1968 arrivals, but Cypriot and UK ships accounted for more than 60 percent of 210 Free World arrivals. During the past six years ships owned by the Greek shipping magnate Achilles Frangistas have played a prominent role in Free World shipping to Cuba; in 1968 his ships accounted for about 20 percent of the Free World arrivals. The decline in Greek arrivals in 1968 compared with 1967, as shown in the following tabulation, was the result of the transfer of at least seven Frangistas-owned-or-controlled ships from Greek to Cypriot and Somalian registry*:

	<u>1963</u>	<u>1967</u>	<u>1968</u>
Cyprus	--	43	66
Greece	99	28	9
Lebanon	64	16	17
Somali Republic	--	2	11
United Kingdom	133	78	66
Other	75	53	41
<i>Total</i>	<i>371</i>	<i>220</i>	<i>210</i>

Volume of Trade and Cargoes

4. Cuban seaborne trade in 1968 was 35 percent above the level for 1963, an average annual rate of growth of more than 6 percent (see Tables 9, 10, and 11). The volume of trade in 1968, however, was

* In late 1968, Frangistas, in response to continued pressure by the Greek government, again promised to remove his ships from the Cuban trade. Calls by his ships at Cuban ports declined appreciably during the first two months of 1969, suggesting that Frangistas may be withdrawing them from the trade, including those under Cypriot and Somalian registry.

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4 percent below the record level of 1967 as a result of a sharp drop in exports of sugar. Since 1963, imports have increased at a somewhat higher rate than exports, which have varied greatly from year to year because of fluctuations in the size of the sugar harvest. The total volume of exports, for example, rose by more than 20 percent in 1965 and 1967 and fell by more than 10 percent in 1966 and 1968 (see Table 12). Imports since 1963, by contrast, fell only in one year, 1965, when they dropped by 6 percent. Imports in 1968 were 38 percent above the 1963 level, and exports were up 31 percent, as shown in Table 3.

5. Imports of crude oil, Cuba's largest single import, rose only 5 percent in 1963-68. The major constraint to larger imports of crude oil is the capacity of Cuban refineries, which is about equal to record imports in 1968 of nearly 4 million tons.* Because of this limitation, higher levels of consumption of petroleum have been met through increased imports of refined products, which grew from 0.4 million tons in 1963 to more than 1.3 million tons in 1968. Imports of crude oil and petroleum products combined in 1968 were 2 percent higher than the 1967 level and 27 percent above 1963.

6. Dry cargo imports in 1968 were about the same as in 1967, but most categories showed sizable increases above the 1963 level, particularly fertilizer, which increased 276 percent (see Figure 2). Imports of foodstuffs also increased, but by only 16 percent in 1963-68. The only significant category of imports that declined was general cargo, which was slightly lower in 1968 than in 1963, reflecting the curtailment of Cuba's industrialization program.

7. Communist countries consistently accounted for more than 80 percent of Cuban imports during 1963-68 and were the largest market for Cuban exports, as shown in the following tabulation:

* All of Cuba's crude oil imports in 1968 came from the USSR.

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	Percent		
	1963	1967	1968
<i>Imports</i>	100	100	100
From Communist countries	89	85	82
From Free World countries	11	15	18
<i>Exports</i>	100	100	100
To Communist countries	54	65	59
To Free World countries	46	35	41

8. The USSR provided 77 percent of Cuba's total imports in 1968, Eastern European countries and Communist China each delivered 2 percent, and North Korea and North Vietnam together were the source of less than 1 percent. These shares have not changed significantly during the past four years. Cuban imports originating in the Free World, however, were up from 15 percent in 1967 to 18 percent in 1968, the largest share since 1964. More than one-third of the Free World cargoes were foodstuffs -- wheat and flour from Canada and corn from Mexico -- purchased on Soviet account and shipped to Cuba on Soviet ships. Fertilizer, largely from France, the Netherlands, and Italy, accounted for an additional one-third of imports originating in the Free World. Other cargoes included pharmaceuticals from the Netherlands, chemicals from Italy and Japan, and vehicles from Spain and France.

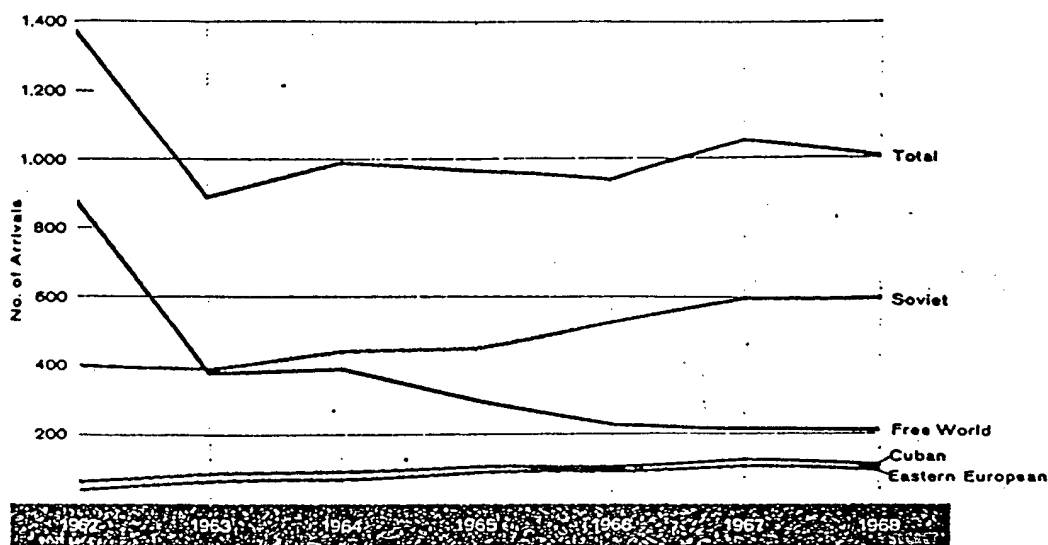
9. Total Cuban exports declined 13 percent in 1968 compared with 1967, and sugar exports fell 18 percent (see Table 12, and, for greater detail for 1967-68, Table 13). Exports of sugar to the USSR were cut back sharply, while those to Free World countries were sustained, and even increased, in order to gain hard currency (see Table 4).^{*} Consequently, the upward trend in the proportion of total exports to Communist countries fell for the first time since 1963.

^{*} Among Free World countries, Japan, Morocco, and Spain have been the largest purchasers of Cuban sugar and the United Kingdom the largest purchaser of molasses.

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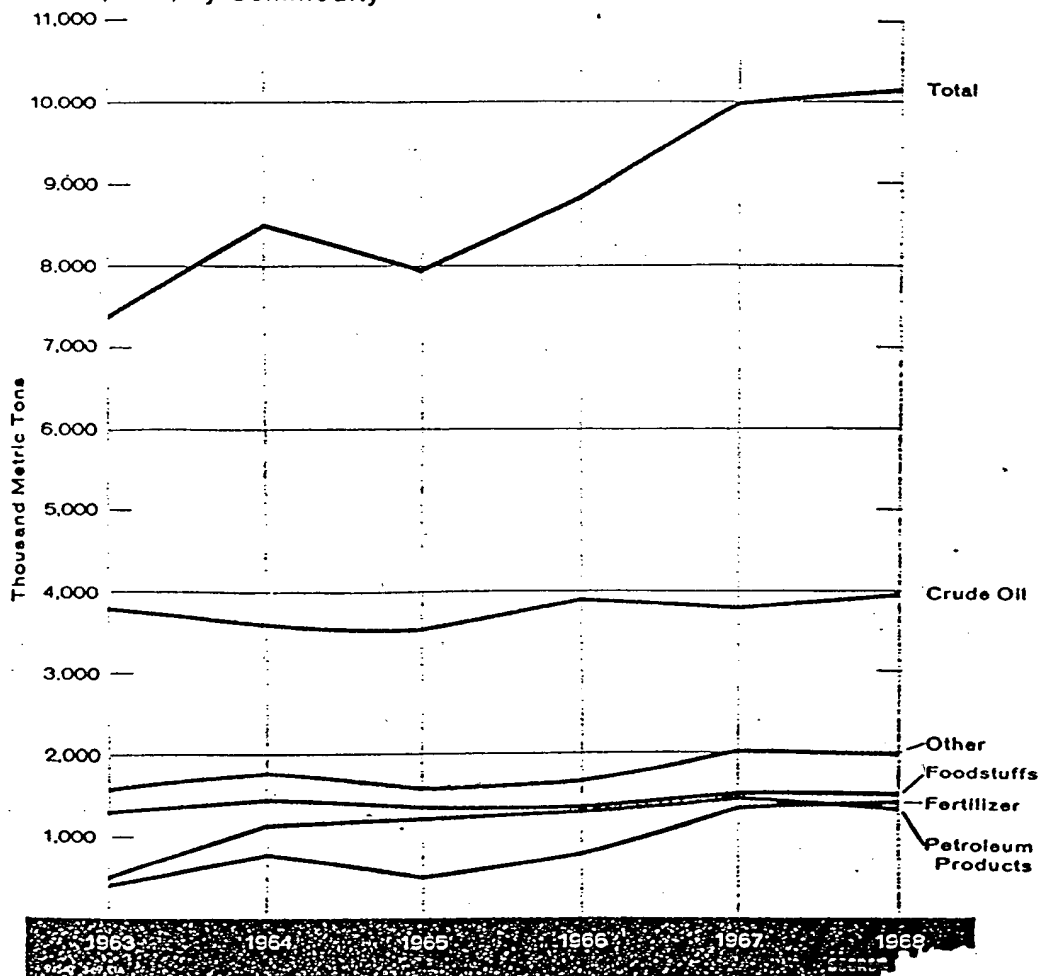
Ship Arrivals in Cuba, by Flag

Figure 1



Imports, by Commodity

Figure 2



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Table 3

Cuban Seaborne Trade, by Flag of Carrier
1963, 1967, and 1968

	1963		1967		1968	
	Thousand Metric Tons	Percent	Thousand Metric Tons	Percent	Thousand Metric Tons	Percent
Imports	7,326	100	9,985	100	10,102	100
Communist	4,304	59	8,369	84	8,253	82
Soviet	4,031	55	8,128	81	8,065	80
Eastern European	273	4	242	2	189	2
Cuban	230	3	534	5	547	5
Free World	2,792	38	1,082	11	1,302	13
Exports	4,079	100	6,172	100	5,343	100
Communist	1,483	36	3,710	60	3,013	56
Soviet	1,133	28	2,971	48	2,430	45
Eastern European	349	9	739	12	583	11
Cuban	140	3	559	9	565	11
Free World	2,456	60	1,903	31	1,765	33
Total seaborne trade	11,405		16,157		15,445	

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Table 4
Cuban Exports of Sugar, by Destination
1963, 1967, and 1968

	1963		1967		1968	
	Thousand Metric Tons	Percent	Thousand Metric Tons	Percent	Thousand Metric Tons	Percent
Communist countries	1,994	59	3,649	68	2,810	64
USSR	919	27	2,329	43	1,650	38
Communist China	502	15	528	10	384	9
Other	573	17	793	15	776	18
Free World countries	1,412	41	1,713	32	1,583	36
Total	3,406	100	5,362	100	4,393	100

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10. Although sugar has accounted for more than 80 percent of Cuba's exports each year, other commodities have gradually increased in importance. Exports of molasses, ores, tobacco, and fruits have grown 41 percent since 1963, reaching 950,000 tons in 1968, or 18 percent of total exports.

Military Shipments

11. Three Soviet ships delivered of military cargo in the first six weeks of 1968, completing a 17-month cycle of military deliveries that started in September 1966 and consisted of of military cargo delivered on 31 Soviet ships. There were no military deliveries in 1968 after February. The longest pause previously was seven months, from December 1964 to July 1965. The latest pause probably does not reflect a change in policy, and a new cycle of resupply may now be in the offing, as a Cuban military delegation visited Moscow in November 1968.*

12. Fifty-five Soviet ships carried a total of 136,000 tons of military cargoes to Cuba during 1963-68. As shown in Table 5, the of military cargo delivered in 1967 was the largest amount delivered in any year since 1962. When 25 Soviet ships delivered approximately in a three-month period prior to the missile crisis

* On 2 January 1969 the Soviet ship Yunyy Leninet (12,285 GRT) loaded with military cargo transited the Bosphorus.

At least part of the cargo was unloaded en route at Latakia and Alexandria.

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Table 6
Ship Arrivals in Cuba, by Flag and Type of Ship
1962-68

Flag and Type of Ship	1962	1963	1964	1965	1966	1967	1968	Percentage Change 1968 over 1967	1968 over 1967 1963 over 1963
Total passenger	26	42	36	27	21	14	14	--	-27
Soviet	24	41	30	19	14	9	9	--	-13
Eastern European	2	1	6	8	7	5	5	--	+10
Total dry cargo	1,072	630	719	738	689	821	750	-9	+19
Communist	285	283	322	379	414	505	461	-9	+33
Soviet	250	225	260	294	334	402	383	-5	+10
Eastern European	35	58	62	85	80	103	78	+24	+34
Cuban	65	72	79	102	101	126	114	-10	+28
Free World	722	275	318	257	174	190	175	-8	-36
Total tanker	275	224	241	201	231	218	242	+11	+3
Soviet	129	124	156	163	178	184	203	+10	+34
Eastern European	4	2	2	4	3	4	4	--	+200
Cuban	--	2	7	1	--	--	--	--	-100
Free World	142	96	76	33	50	30	35	+17	-34
Total all types	1,373	896	926	966	941	1,053	1,006	-4	+12
Total Communist	444	451	516	573	616	707	682	-4	+71
Soviet	403	390	446	476	526	595	595	--	+53
Eastern European	41	61	70	97	90	112	87	-22	+43
Total Cuban	65	74	86	103	101	126	114	-10	+24
Total Free World	864	371	394	290	224	220	210	-5	-43

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Table 7

Cuban Imports, by Flag and Type of Carrier
1963-68

Flag and Type of Ship	Thousand Metric Tons						Percentage Change	
	1963	1964	1965	1966	1967	1968	1968 over 1967	1963 over 1968
Total passenger	15	12	24	12	11	8		
Soviet Eastern European	12	7	11	13	2	1		
	2	5	13	5	9	7		
Total dry cargo	3,090	3,812	3,230	3,612	4,746	4,734		
Communist	1,619	1,707	1,989	2,640	3,277	2,944		
Soviet Eastern European	1,378	1,479	1,818	2,429	3,076	2,763		
	241	228	171	211	202	181		
Cuban Free World	230	217	236	376	534	547		
	1,241	1,888	1,005	596	935	1,242		
Total tanker	4,221	4,640	4,692	5,191	5,228	5,360		
Soviet Eastern European	2,640	3,696	4,520	4,954	5,050	5,301		
	29	21	18	53	31	--		
Cuban Free World	--	--	3	--	--	--		
	1,551	923	158	185	146	60		
Total all types	7,326	8,464	7,953	8,822	9,985	10,102	+1	+3
Total Communist	4,304	5,437	6,551	7,665	8,362	8,253	-1	+2
Soviet Eastern European	4,031	5,182	6,349	7,397	8,128	8,065	-1	+10
	273	254	202	268	242	189	-22	-31
Total Cuban Free World	230	217	232	376	534	547	+2	+13
	2,792	2,811	1,163	781	1,082	1,302	+20	-53

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Table 8
Free World and Eastern European Ship Arrivals in Cuba, by Flag
1963-68

Flag	1963	1964	1965	1966	1967	1968	Percentage Change 1968 over 1967
Cyprus	--	1	17	26	43	66	
Denmark	1	--	--	--	--	--	
Finland	1	4	5	11	13	3	
France	8	9	9	10	10	4	
Greece	99	27	23	28	28	9	
Haiti	--	--	1	--	--	--	
Israel	--	--	2	--	--	--	
Italy	16	20	24	11	11	10	
Japan	1	--	--	--	--	1	
Kuwait	--	2	1	--	--	--	
Lebanon	64	91	58	25	16	17	
Malta	--	2	5	1	4	8	
Monaco	--	--	--	1	--	1	
Morocco	9	13	1	--	--	--	
Netherlands	--	4	2	--	--	--	
Norway	14	10	--	--	--	--	
Somali Republic	--	--	--	--	2	11	
Spain	8	17	--	--	--	--	
Sweden	3	3	--	--	--	--	
United Kingdom	133	180	127	101	78	66	
West Germany	2	--	--	--	--	--	
Yugoslavia	12	11	15	10	15	9	
Total Free World	371	394	290	224	220	210	-5
Bulgaria	5	8	19	23	26	13	-43
Czechoslovakia	10	15	15	14	18	22	
East Germany	27	31	51	43	56	45	
Poland	18	16	12	10	11	7	
Rumania	1	--	--	--	--	--	
Total Eastern European	61	70	97	90	112	87	-22
							+43

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Table 9
Cuban Imports, by Commodity
1963-68

Commodity	Thousand Metric Tons					Percentage Change	
	1963	1964	1965	1966	1967	1968	1968 over 1967
Crude oil	3,759	3,516	3,491	3,890	3,753	3,962	-6
Petroleum products	415	1,082	1,152	1,240	1,420	1,328	-6
Cereals and foodstuffs	1,265	1,412	1,317 a/	1,312 b/	1,476 c/	1,469 d/	Negl.
Metal products	196	157	109	215	263	239	-9
Fertilizer	359	736	461	763	1,328	1,351	+2
Wood products	154	260	222	311	304	320	+5
Jute bags	61	35	60	26	48	21	-56
Chemicals	83	126	106	134	196	197	+1
Ammonia	10	9	11	11	16	15	-6
Cement	Negl.	26	37	169	324	268	-17
General cargo (including vehicles, industrial machinery, and unidentified cargo)	988	1,086	976	725	816	928	+14
Total	7,326	8,464	7,953	8,822	9,985	10,102	+1

- a. Including 42,187 tons carried by tanker.
b. Including 46,487 tons carried by tanker and excluding 16,285 tons of foodstuffs carried by Soviet ships attached to the fishing fleet.
c. Including 48,154 tons carried by tanker and excluding 9,037 tons of foodstuffs carried by Soviet ships attached to the fishing fleet.
d. Including 52,620 tons carried by tanker and excluding 24,744 tons of foodstuffs carried by Soviet ships attached to the fishing fleet.

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Table 10
Cuban Imports and Exports, by Flag of Carrier
1963-68

	Thousand Metric Tons					Percent. change	
	1963	1964	1965	1966	1967	1968	1963 over 1967 1963 over 1968
Total seaborne trade	11,405	13,119	13,906	13,922	16,157	15,445	-4 +35
Imports	7,326	8,464	7,953	8,822	9,985	10,102	+1 +33
Communist	4,304	5,437	6,551	7,665	8,369	8,253	-1 +92
Soviet	4,031	5,182	6,349	7,397	8,128	8,065	-1 +100
Eastern European	273	254	202	268	242	189	-22 -31
Cuban	230	217	239	376	534	547	+2 +133
Free World	2,792	2,811	1,163	781	1,082	1,302	+20 -53
Exports	4,079	4,655	5,953	5,100	6,172	5,343	-13 +31
Communist	1,483	2,222	3,139	2,636	3,710	3,013	-19 +103
Soviet	1,133	1,817	2,598	2,022	2,971	2,430	-18 +114
Eastern European	349	405	541	614	739	583	-21 +67
Cuban	140	165	273	578	559	565	+1 +304
Free World	2,456	2,268	2,540	1,886	1,903	1,765	-7 -23

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Table 11

Cuban Seaborne Trade, by Origin and Destination
1963-68

	Thousand Metric Tons					Percentage Change	
	1963	1964	1965	1966	1967	1968	over 1967
Total seaborne trade	11,405	13,119	13,906	13,922	16,157	15,445	-4
Imports	7,326	8,464	7,953	8,822	9,985	10,102	+1
From Communist countries	6,502	6,858	6,910	7,408	8,454	8,303	-2
From Free World countries	824	1,607	1,043	1,414	1,531	1,798	+17
Exports	4,079	4,655	5,953	5,100	6,172	5,343	-13
To Communist countries	2,198	2,673	3,703	3,174	3,993	3,155	-21
To Free World countries	1,882	1,982	2,250	1,927	2,179	2,188	Negl.

+35

+38

+13

+13

+31

+44

+17

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Table 12

Destination	1963		1964		1965		1966		1967		1968	
	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total
Free World	1,412	1,882	1,570	1,982	1,746	2,250	1,301	1,927	1,713	2,119	1,213	2,113
Aden	11	11	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	41	41	17	17	--	--	41	41	--	41
Bahrain	--	--	--	--	--	Negl.	--	--	--	--	--	--
Belgium	29	46	9	23	7	21	9	25	12	45	12	13
British Guiana	--	4	--	22	--	Negl.	--	--	--	--	--	--
Canada	55	55	20	21	49	55	48	54	43	49	11	42
Canary Islands	--	1	8	10	25	27	18	18	3	3	22	23
Ceylon	4	4	10	10	38	38	--	--	--	--	34	34
Chile	--	--	--	--	10	10	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	Negl.	Negl.	--	--	--	--
Cyprus	--	--	--	--	10	10	--	--	--	--	Negl.	Negl.
Denmark	--	--	--	--	--	Negl.	--	Negl.	--	--	--	--
Ecuador	--	--	--	--	--	1	--	--	--	--	--	--
Finland	46	46	61	61	71	71	72	72	40	40	55	56
France	2	14	--	3	--	11	--	7	--	11	24	33
French Guiana	--	--	--	--	--	--	--	--	--	--	--	--
French Somaliland	--	--	--	Negl.	--	Negl.	--	--	--	--	--	Negl.
Greece	19	19	--	--	--	--	--	--	--	--	--	--
Guinea	--	--	--	--	--	--	--	--	--	--	22	22
Hong Kong	--	--	--	--	--	--	--	Negl.	2	2	4	4
Iran	10	10	30	30	7	7	--	Negl.	--	--	12	12
Iraq	36	36	--	--	55	55	10	10	60	60	11	11
Ireland	--	--	--	--	122	122	--	--	33	33	30	30
Israel	--	--	--	15	--	--	--	--	--	--	--	17
Italy	122	122	--	1	6	6	--	--	--	--	--	--
Japan	159	159	133	133	50	56	66	75	53	56	--	5
Jordan	--	--	366	382	387	417	364	430	522	570	513	713
Kuwait	--	--	--	--	39	39	--	--	--	--	Negl.	Negl.
Lebanon	--	--	5	5	--	--	--	--	--	--	--	--
Libya	21	21	5	5	23	23	--	--	3	4	--	--
Majorca	--	--	2	2	--	--	--	--	15	15	--	--

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Table 12
Cuban Sugar and Total Exports, by Destination
1963-68
(continued)

Destination	1963		1964		1965		1966		1967		1968	
	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total
Malaysia	--	--	--	--	--	--	--	--	103	103	12	12
Malta	--	--	--	--	--	--	--	--	2	2	5	5
Martinique	--	--	--	--	--	2	--	--	--	--	--	--
Mexico	--	2	--	7	--	2	--	Negl.	Negl.	--	--	2
Morocco	288	288	311	311	181	181	169	169	150	151	136	136
Netherlands	159	195	24	28	13	31	39	86	105	138	43	84
Norway	--	--	--	--	--	10	15	30	18	18	--	--
Portugal	--	--	--	--	41	41	--	--	--	--	--	--
Saudi Arabia	31	31	--	Negl.	--	--	1	2	--	Negl.	--	Negl.
Sicily	--	--	--	--	--	--	--	--	4	4	--	--
Singapore	--	--	--	--	--	--	--	--	12	12	--	--
Somali Republic	--	--	--	9	--	--	--	--	--	--	--	--
Spain	99	103	246	248	136	147	121	127	147	158	133	136
Sudan	--	--	--	--	30	30	--	--	Negl.	Negl.	--	--
Sweden	11	11	11	26	42	58	51	86	24	35	53	54
Switzerland	--	18	--	--	3	3	5	5	11	11	8	9
Syria	17	17	41	41	61	61	51	51	56	56	54	64
Tanzania	--	--	--	--	--	--	--	7	--	Negl.	--	--
Tunisia	--	--	--	--	--	--	--	--	--	--	Negl.	Negl.
United Arab Republic	70	70	90	90	118	118	114	114	99	115	70	70
United Kingdom	163	503	87	390	116	487	48	440	81	352	20	353
Uruguay	21	21	10	10	--	--	--	--	--	--	--	--
West Germany	--	34	--	--	11	12	8	23	--	21	--	57
Yugoslavia	39	39	53	59	79	81	92	93	63	53	70	72
Zambia	--	--	--	--	--	--	--	--	12	12	--	--

Thousand Metric Tons

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Destination	1963		1964		1965		1966		1967		1968	
	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total	Sugar	Total
Communist countries	1,994	2,198	2,450	2,673	3,336	3,703	2,920	3,174	3,649	3,923	2,510	3,155
Albania	6	6	10	10	11	11	10	10	4	4	6	6
Bulgaria	44	69	82	121	159	329	154	225	175	280	135	320
Communist China	502	504	374	379	435	438	573	576	528	529	534	538
Czechoslovakia	93	123	4	29	195	232	189	214	21	126	69	124
East Germany	227	246	76	93	167	193	219	249	245	268	227	249
Hungary	3	4	--	1	4	6	--	Negl.	4	6	13	14
North Korea	11	11	23	23	21	21	20	21	79	50	24	79
North Vietnam	35	35	10	10	22	22	32	32	43	43	16	79
Poland	147	186	85	167	51	135	115	178	152	242	87	137
Rumania	8	8	--	--	--	--	--	2	--	22	49	77
USSR	919	1,005	1,787	1,841	2,273	2,317	1,607	1,668	2,329	2,354	1,650	1,716
Total	3,406	4,079	4,021	4,655	5,082	5,953	4,221	5,100	5,562	5,172	4,223	5,343

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Table 13
Volume of Cuban Exports, by Commodity and Destination
1967-68

Destination	Thousand Metric Tons									
	Sugar		Molasses		Ores		General Cargoes &		Total	
	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968
Free World	1,713	1,583	417	522	14	31	36	45	2,172	2,108
Algeria	41	41	--	--	--	--	--	--	41	41
Belgium	12	12	31	--	2	1	Negl.	Negl.	45	13
Canada	43	41	--	--	--	--	6	2	49	42
Canary Islands	3	22	--	--	--	--	--	6	3	28
Ceylon	--	64	--	--	--	--	--	--	--	64
Cyprus	--	Negl.	--	--	--	--	--	--	--	Negl.
Finland	40	86	--	--	--	--	--	--	10	66
France	--	24	--	Negl.	8	3	3	5	11	33
French Guiana	--	--	--	--	--	--	--	Negl.	--	Negl.
Greece	--	22	--	--	--	--	--	--	--	22
Guinea	2	4	--	--	--	--	--	--	2	4
Hong Kong	--	12	--	--	--	--	--	--	--	12
Iran	60	11	--	--	--	--	--	--	60	11
Iraq	33	50	--	--	--	--	--	--	33	50
Ireland	--	--	--	17	--	--	--	--	--	17
Italy	53	--	--	--	--	2	3	3	55	5
Japan	522	613	48	105	Negl.	--	Negl.	Negl.	570	718
Jordan	--	Negl.	--	--	--	--	--	--	--	Negl.
Lebanon	3	--	--	--	1	--	--	--	4	--
Libya	15	--	--	--	--	--	--	--	15	--
Malaysia	103	12	--	--	--	--	Negl.	--	103	12
Malta	2	5	--	--	--	--	--	--	2	5
Mexico	--	--	--	--	--	--	--	--	Negl.	2
Morocco	150	106	--	--	--	2	Negl.	--	151	2
Netherlands	105	43	30	16	--	1	1	1	151	107
Norway	18	--	--	--	1	14	2	11	123	64
Saudi Arabia	--	--	--	--	--	--	--	--	18	--
Sicily	4	--	--	--	--	--	Negl.	Negl.	Negl.	Negl.
Singapore	12	--	--	--	--	--	--	--	4	--
Spain	147	133	--	--	--	--	--	--	12	--
Sudan	Negl.	--	--	--	2	6	9	7	158	146
Sweden	24	53	--	--	--	--	10	1	Negl.	--

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Table 13
Volume of Cuban Exports, by Commodity and Destination
1967-68
(continued)

Destination	Thousand Metric Tons					
	Sugar		Molasses		Ores	
	1967	1968	1967	1968	1967	1968
Switzerland	11	8	--	--	--	1
Syria	56	64	--	--	--	56
Tanzania	--	--	--	--	Negl.	Negl.
Tunisia	--	Negl.	--	--	--	--
United Arab Republic	99	70	--	--	--	115
United Kingdom	81	20	338	--	--	352
West Germany	--	--	53	1	2	21
Yugoslavia	63	70	--	Negl.	Negl.	63
Zambia	12	--	--	--	--	12
Communist countries	3,649	2,810	159	189	43	48
Albania	4	6	--	--	--	--
Bulgaria	175	195	105	125	--	4
Communist China	528	384	--	Negl.	--	280
Czechoslovakia	91	89	19	11	--	529
East Germany	245	227	--	20	2	126
Hungary	4	13	--	11	21	268
North Korea	79	64	--	Negl.	Negl.	6
North Vietnam	43	46	--	--	Negl.	14
Poland	152	87	--	--	Negl.	80
Rumania	--	49	--	44	3	43
USSR	2,329	1,650	13	Negl.	--	242
				30	16	22
Total	5,362	4,393	576	718	79	2,394
				132	22	6,172
						5,343

a.. Including foodstuffs (meat, honey, fruits, and vegetables), tobacco and cigarettes, rum, alcohol, and unidentified cargo.

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