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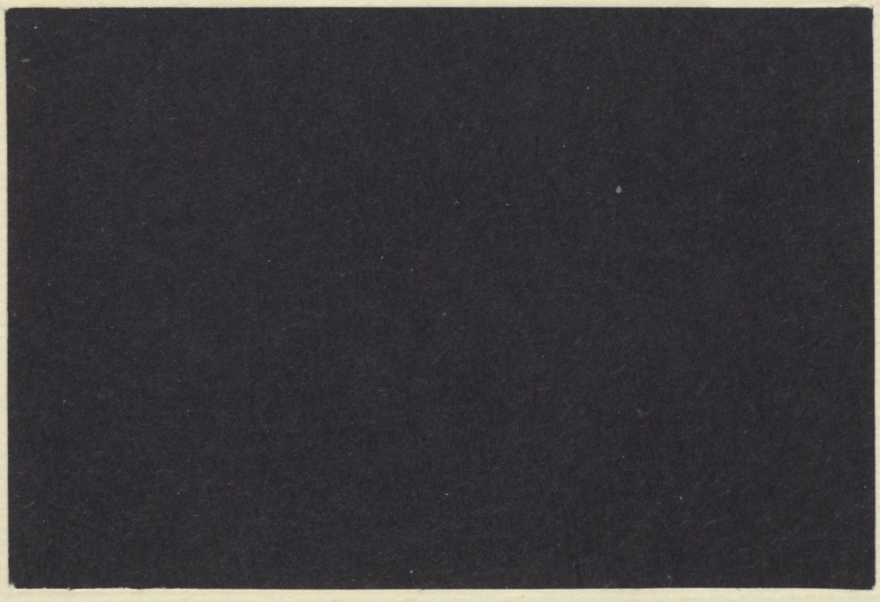
Policy Research Institute



CTAP Staff Report

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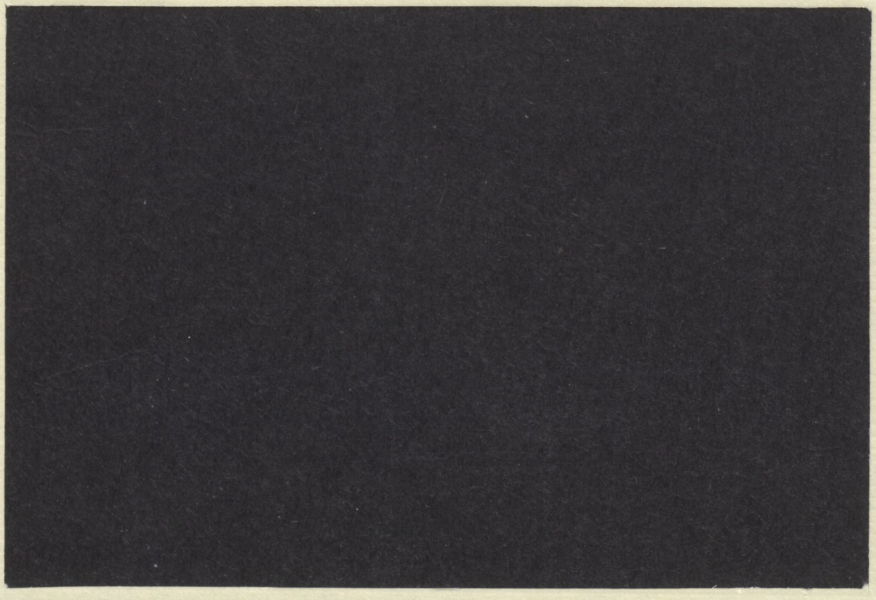

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FEED GRAINS DATA BOOK

by

CTAP Staff

CTAP Staff Report No. 3
February 1985

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Data Source

Original data were obtained from the OASIS Databank, World Analysis Branch, International Economics Division, Economic Research Service, U.S.D.A. Data were adjusted in some regions and years to maintain consistency between ending stocks and beginning stocks and between supply and demand. Data are on a crop year basis for the respective regions. In the tables, a "." indicates missing data.

Annotated Index - Feed Grains

Country or Region*	Page
United States	11

Production nearly doubled between the early 60's and the early 80's due entirely to yield increases. Domestic feed and food use, which accounted for over 85% of production in the early 70's, accounted for only 55 to 60% of production in the early 80's. Food use doubled to account for 15% of domestic demand at the end of the period. Exports increased more than four-fold, increasing their share of production from about 8% in the early 60's to almost 25% by the early 80's.

Canada	15

Production doubled with only a 10% increase in area. Domestic feed and food use increased 50% in absolute terms, but its share of production decreased from over 95% to 70%. Food use as a share of consumption remained fairly stable at 12 to 15% throughout the period. Exports amounted to less than 5% of production during the early 60's, but expanded rapidly to account for a quarter of production at the end of the period.

Brazil	19

Production doubled with equal contributions from area and yield increases. Domestic use increased at approximately the same rate as production during the period. In most of the years prior to 1977, the country was a net exporter, but in four of the six years after 1977, Brazil was a net importer. Food use remained essentially unchanged in absolute terms over the period, and thus its share of consumption demand decreased from about 45% in the early 60's to 15% by the early 80's.

Argentina	23

Production increased by about 125%, due primarily to a doubling in yield. Domestic food and feed use fluctuated considerably over the period, but generally declined in relative importance. Exports varied considerably from year to year, but increased three- to four-fold during the period to account for almost 65% of production in the early 80's.

Mexico	27

Production more than doubled with only a 35% increase in area. Domestic food and feed use nearly matched production in the early 60's, but increased more rapidly than production in the 70's. Thus, even though the country was a net exporter in the late 60's, imports accounted for a quarter of consumption demand in the early 80's. Food use doubled in absolute terms, while its share of consumption decreased from 95% to 65% during the period.

* Regional definitions are found on page 7.

Country or Region	Page
Venezuela	31

Production nearly tripled with equal contributions from yield and area increases. Production kept pace with domestic food and feed use in the early 60's, but consumption increased at a much faster rate than production in the 70's. As a result, imports increased dramatically, to account for 70 percent of consumption demand in the early 80's. Food use accounted for nearly all domestic use in the 60's, but feed use grew rapidly to account for over one-half of domestic use in 1982.

Central America & Caribbean Islands	35

Production increased by about 65% with equal contributions from yield and area increases. Domestic food and feed use doubled over the same period, so imports increased dramatically. The region was essentially self-sufficient in the early 60's, but imports accounted for 15 to 20% of consumption demand by the early 80's. Food use increased by only 65% while feed use more than tripled, but food use still accounted for two-thirds of total consumption at the end of the period.

Other South America	37

Production doubled due to increases in both yield and area harvested. Food and feed use, which marginally exceeded production in the early 60's, increased by 150% during the two decades. Net imports were once insignificant, but amounted to 25% of consumption demand by the early 80's. Food use doubled over the period and still accounted for 50% of consumption at the end of the period, even though feed demand increased at a faster rate.

Egypt	39

Production increased by 75%, almost entirely due to an increase in yield. Food and feed use doubled during the period, resulting in a sharp increase in imports. The share of imports in consumption rose from about 10% in the early 60's to over 25% by the early 80's. Food use accounted for three-fourths of consumption demand in the mid 70's, but declined to less than half of consumption by 1982, as feed use increased rapidly.

High Income North Africa & Middle East	41

Production increased by 30% with little or no change in area. Food and feed use, which exceeded production by about 15% in the early 60's, tripled over the period. As a result, imports increased more than ten-fold to account for almost 75% of consumption in the early 80's. Food use remained more or less unchanged over the period, while feed use increased eight-fold to account for 80% of domestic demand in the early 80's.

Country or Region	Page
Other Low Income North Africa & Middle East	45

Production increased by 75% with a 25% increase in area. Consumption closely matched production throughout the period, resulting in relatively little net trade. Feed use more than doubled between the mid 70's and the early 80's, while food use dropped by 30%. Feed use accounted for 60% of consumption in the early 80's.

Republic of South Africa 47

Production fluctuated dramatically during the period, with the average level of the late 70's being about twice that of the early 60's. Domestic food and feed use increased steadily, doubling during the period. Exports also doubled, but they fluctuated with production. Exports accounted for about one-third of producion in 1980, but the country was actually a net importer in 1982 due to a sharp decline in yield. Food use increased less rapidly than feed use, but still accounted for one-half of domestic demand in the early 80's.

Other South Africa 51

Production remained stable during the period despite a 40% decline in area by the late 70's. In the early 80's, yields declined but area increased. Consumption increased by 30% during the period, so imports met about one-third of domestic demand in the early 80's, even though the region was self-sufficient in the early 60's.

Central Africa 53

Production increased by 40% due to small increases in both area and yield. Consumption increased at a slightly higher rate, but net imports supplied less than 5% of consumption demand throughout the period. Food use accounted for over 95% of the domestic demand.

East Africa 55

Production doubled due to a matching increase in area. Consumption increased at a slightly higher rate, so the region went from being a small net exporter to being a small net importer. Food use accounted for over 95% of domestic demand.

People's Republic of China 57

Production increased by about 30%, despite a 30% reduction in area. Domestic consumption marginally exceeded production throughout the period, as imports supplied for less than 2% of demand.

Country or Region	Page
Japan	61

Production decreased by 85%, despite a 20% increase in yield. Feed and food use increased four-fold, so imports increased ten-fold. Imports supplied just 60% of consumption demand in the early 60's, but 98% by the early 80's. Feed use increased more rapidly than food use, and accounted for 80% of total consumption by the early 80's.

India	65

Production increased by about 30% despite a 10% decrease in area. The country was essentially self-sufficient during most of the period, except for limited imports between 1965 and 1967 and between 1972 and 1975. Food use accounted for over 95% of domestic demand, even though feed use grew more rapidly than food demand.

Other South Asia	67

Production increased 20% due to modest increases in both area and yield. Domestic use also increased at the same rate. The region remained self-sufficient through most of the period, with occasional marginal imports or exports not exceeding 5% of demand or production. Food use accounted for almost all of consumption demand. Feed use increased until the mid 70's but declined rapidly thereafter.

Thailand	69

Production increased seven-fold during the period, due almost entirely to increases in area harvested. Domestic food and feed use increased rapidly, but still accounted for less than one-third of production in the early 80's. Exports increased more than four-fold during the period. Feed use accounted for nearly all of domestic consumption by the end of the period.

Other Southeast Asia	73

Although area harvested doubled, production increased by only 40% due to a reduction in yield. Domestic consumption tripled over the period, so exports declined from 65% of production in the early 60's to near zero by the early 80's.

Indonesia	75

Production increased 65% due primarily to an increase in yield. Food and feed use approximately equaled production throughout the period with marginal exports during the late 60's and early 70's and marginal imports thereafter. Feed use increased five-fold, but food use still accounted for 80 percent of consumption demand in the early 80's.

Country or Region — Page

High Income East Asia 77

Production doubled between the early 60's and the mid 70's, but then declined dramatically. Consumption increased six-fold, and imports grew even more rapidly. Domestic production met almost 85% of consumption demand in the early 60's, but by the early 80's, imports met almost 90% of demand. Feed use increased much more rapidly than food use, and accounted for 80 percent of consumption demand in the early 80's.

Other Low Income East Asia 81

Production nearly tripled with only a 30% increase in yield. Domestic food and feed use increased at a slightly higher rate, so imports increased ten-fold and accounted for over 30% of consumption demand in the early 80's. Food use accounted for two thirds of consumption in the early 60's, but feed use increased more rapidly, and accounted for 60% of the total in the early 80's.

Australia 83

Production fluctuated considerably during the period, but generally increased due to an increase in area. Exports tripled between the early 60's and 1981, but declined dramatically in 1982 due to a sharp decline in yield. Exports generally accounted for one-fourth to one-half of production. Feed use as a share of consumption increased from 60% to over 75% during the period.

New Zealand 87

Production increased about five-fold, with equal contributions from both area and yield increases. Domestic use increased at a slower rate, so the country moved from being self-sufficient to being an exporter of 10-20% of production. Food use accounted for 20-25% of domestic consumption during most of the period.

USSR 89

Production doubled between the early 60's and the peak year of 1976, before falling again in the late 70's. Production and trade fluctuated dramatically from year to year, due primarily to changes in yield. Consumption also increased rapidly until 1976, but then declined less than did production. Hence, the country went from being a marginal exporter in the 60's to being an importer of one-fourth of domestic consumption in 1981. Feed use doubled during the period and accounted for 70% of consumption demand by the 80's.

EC-10 93

Production increased by 65% with little or no change in area. Domestic use grew rapidly in the 60's, but was flat in the 70's and 80's. Net imports supplied about one-fourth of domestic demand in the late 60's, but were negligible by 1982. Feed use accounted for about 70% of consumption demand throughout the period.

Country or Region	Page
Other Western Europe	97

Production doubled with only a 20% increase in area. Domestic demand, almost 90% of which was met by production in the early 60's, increased by over 150% during the period, increasing imports five-fold. Imports supplied a third of domestic demand in the early 80's. Feed use accounted for about 85% of consumption demand throughout the period.

Eastern Europe	101

Production increased by about 55%, as yield almost doubled. Domestic use increased at a slightly faster rate than production, so net imports increased from negligible levels to supply more than 10% of domestic demand in the late 70's. Food use remained more or less unchanged while feed use doubled. Feed use as a share of consumption demand increased from 65% in the early 60's to 80% by the early 80's.

Developed Countries	107

Production increased by 80%, entirely due to an increase in yield, while consumption increased at a slower rate. Developed countries were marginal net importers in the 60's, but were net exporters of about 10% of production at the end of the period. Feed use increased more slowly than food demand, but still accounted for 80% of consumption demand in the early 80's.

Centrally Planned Countries	111

Production and yield almost doubled, with most of the increase occurring prior to 1973. Consumption increased more rapidly than production, especially in the 70's. Centrally planned countries were marginal net exporters in the 60's, but imports supplied approximately 10% of domestic demand in the late 70's and early 80's.

Developing Countries	115

Production increased by about two-thirds with only a 15 to 20% increase in area. Consumption increased more rapidly, so developing countries went from being net exporters in the 60's and early 70's to being net importers of approximately 10% of consumption demand in 1982.

World	119

Production increased by 75% due almost entirely to yield increases. The volume traded internationally increased from about 6% of production in the early 60's to 12% by the early 80's. Both food and feed use increased at about the same rate, with feed use amounting to about 60% of consumption demand throughout the period.

REGIONAL IDENTIFICATION FOR CTAP REGIONS

Table	Region	CTAP Code	Countries
	AMERICAS		
1.	United States	U9	
2.	Canada	CA	
3.	Brazil	BR	
4.	Argentina	AR	
5.	Mexico	MX	
6.	Venezuela	VE	
7.	Central America and Caribbean Islands	N9	Guatemala, Belize, El Salvador, Honduras, Nicaragua, Costa Rica, Panama, Bermuda, Bahamas, Jamaica, Haiti, Dominican Republic, Trinidad-Tobago, Barbados Antigua, St. Kitt, Netherland Antilles, Montserrat, British Virgin Islands, Grenada, St. Vincent, St. Lucia, Dominica, Guadeloupe, Martinique.
8.	Other South America	M8	Colombia, Surinam, Ecuador, Peru, Bolivia, Chile, Paraguay, Guyana, Uruguay, French Guiana
	AFRICA		
9.	Egypt	EG	
10.	High Income North Africa & Middle East	F4	Cyprus, Iraq, Iran, Israel, Kuwait, Saudi Arabia, United Arab Emirates, Algeria, Libya, Bahrain, Oman, Qatar

Table	Region	CTAP Code	Countries
11.	Low Income North Africa & Middle East (less Egypt)	11	Turkey, Syria, Lebanon, Jordan, North Yemen, South Yemen, Morocco, Tunisia, Sudan
12.	Republic of South Africa	ZA	
13.	Other South Africa	13	Botswana, Swaziland, Namibia, Lesotho
14.	Central Africa	F8	Reunion, Equatorial Guinea, Mauritania, Cameroon, Senegal, Mali, Guinea, Sierra Leone, Ivory Coast, Ghana, Gambia, Niger, Togo, Nigeria, Central African Republic, Gabon, Chad, Angola, Congo, Liberia, Zaire, Burundi, Somali Republic, Ethiopia, Mauritius, Dahomey, Guinea-Bissau, Rwanda, Djibouti, Upper Volta
15.	East Africa	F7	Uganda, Kenya, Tanzania, Mozambique, Madagascar, Zambia, Zimbabwe, Malawi, Malagasy Republic
	ASIA		
16.	People's Republic of China	CN	
17.	Japan	JP	
18.	India	IN	
19.	Other South Asia	R7	Afghanistan, Pakistan, Nepal, Bangladesh, Sri Lanka, Bhutan
20.	Thailand	TH	
21.	Other Southeast Asia	R8	Burma, Vietnam, Laos, Cambodia

Table	Region	CTAP Code	Countries
22.	Indonesia	ID	
23.	High Income East Asia	R4	Singapore, Brunei, South Korea, Hong Kong, Taiwan
24.	Other Low Income East Asia	R9	Malaysia, The Philippines
	OCEANIA		
25.	Australia	AU	
26.	New Zealand	26	
	EUROPE		
27.	USSR	SU	
28.	EC-10	EØ	Belgium/Luxemburg, West Germany Denmark, France, United Kingdom, Ireland, Italy, Netherlands, Greece
29.	Other Western Europe	D8	Austria, Finland, Iceland, Malta, Norway, Portugal, Spain, Sweden, Switzerland
30.	Eastern Europe	E8	Albania, Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania, Yugoslavia
31.	Residual World	RW	Cuba, Papua New Guinea, Trust Territory of Pacific Islands, Fiji North Korea

Table	Region	CTAP Code	Countries
32.	Developed Countries	T9	U.S.A., Canada, EC-10, Other Western Europe, Japan, Australia, New Zealand, Republic of South Africa
33.	Centrally Planned Countries	T7	USSR, People's Republic of China, Eastern Europe
34.	Underdeveloped Countries	T8	Central America, Mexico, Argentina, Brazil, Venezuela, Other South America, North Africa and Middle East (including Egypt), Other South Africa, East Africa, Central Africa, India, Other South Asia, Thailand, Other Southeast Asia, Indonesia, Other Low Income East Asia, High Income East Asia
35.	World	T6	Centrally Planned Countries, Underdeveloped Countries, Developed Countries

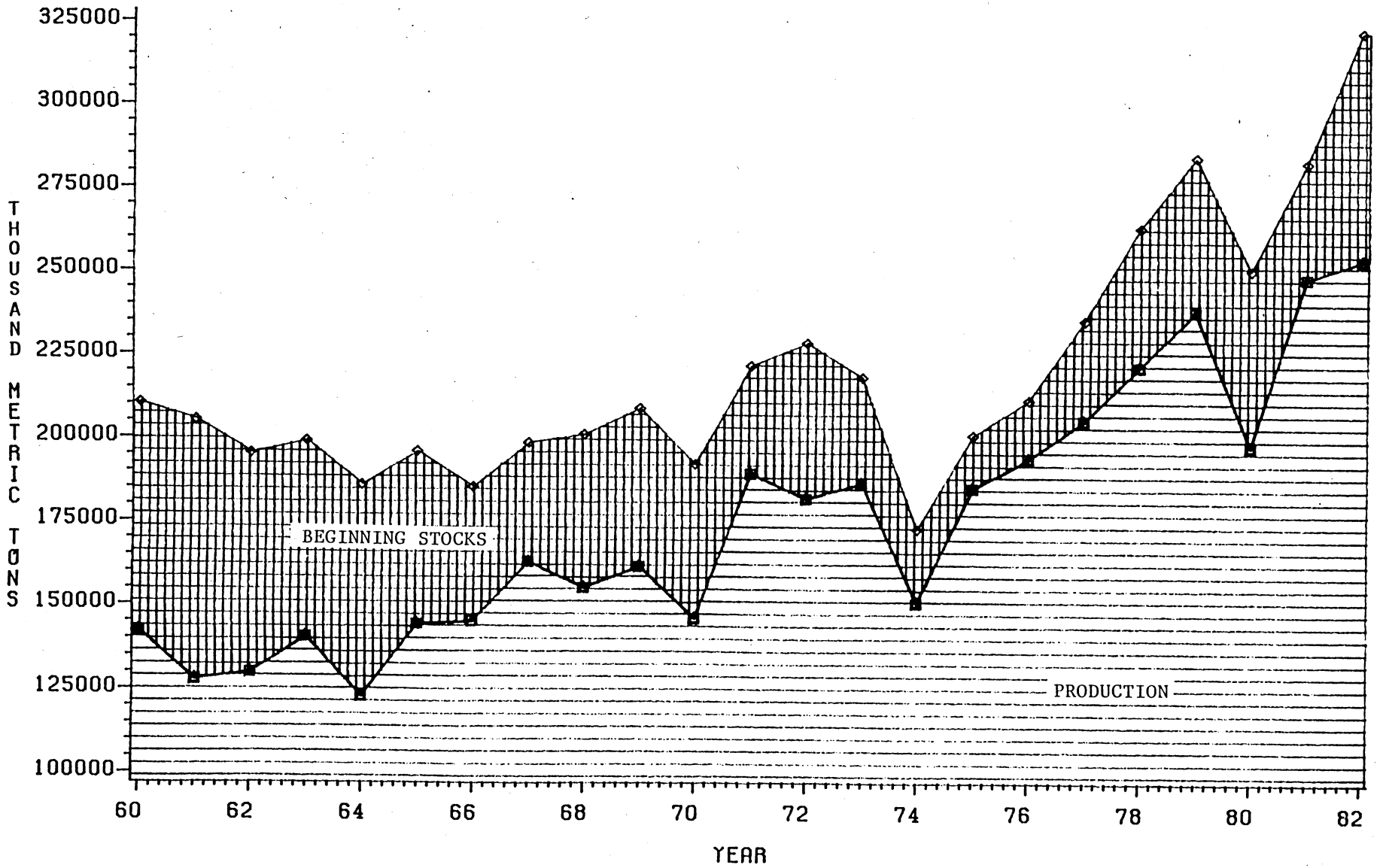
TABLE(1) USA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	52,267	2.71512	141,911	67,936	366	11,192	109,236	12,362	121,598	77,423
1961	43,241	2.94836	127,490	77,423	398	15,250	111,566	12,821	124,387	65,674
1962	42,036	3.08319	129,605	65,674	145	15,242	108,678	12,889	121,567	58,615
1963	43,174	3.24897	140,271	58,615	287	16,653	106,101	13,365	119,466	63,054
1964	40,000	3.06365	122,546	63,054	375	19,629	101,572	13,302	114,874	51,472
1965	39,490	3.65173	144,207	51,472	304	25,718	115,993	14,054	130,047	40,218
1966	40,152	3.60931	144,921	40,218	271	20,101	115,526	14,259	129,785	35,524
1967	41,311	3.94379	162,922	35,524	283	20,682	117,860	14,588	132,448	45,599
1968	39,782	3.90280	155,261	45,599	308	16,301	122,705	14,974	137,679	47,188
1969	39,187	4.12591	161,682	47,188	352	18,955	128,883	15,287	144,170	46,097
1970	40,735	3.58674	146,106	46,097	363	18,612	126,851	14,938	141,789	32,165
1971	43,637	4.34340	189,533	32,165	343	24,165	136,002	15,282	151,284	46,592
1972	38,377	4.74276	182,013	46,592	442	38,747	142,302	16,265	158,567	31,733
1973	41,628	4.48681	186,777	31,733	221	40,669	139,485	16,733	156,218	21,844
1974	40,685	3.70911	150,905	21,844	494	35,925	105,409	16,429	121,838	15,480
1975	42,625	4.35059	185,444	15,480	437	50,031	115,633	18,367	134,000	17,330
1976	43,268	4.49189	194,355	17,330	349	50,604	113,276	18,104	131,380	30,050
1977	44,223	4.65213	205,731	30,050	304	56,290	119,220	19,093	138,313	41,482
1978	43,157	5.14725	222,140	41,482	262	60,199	137,346	19,896	157,242	46,443
1979	41,834	5.70701	238,747	46,443	302	71,369	138,840	22,560	161,400	52,723
1980	41,341	4.79981	198,429	52,723	255	69,506	123,224	23,988	147,212	34,689
1981	43,583	5.71250	248,968	34,689	250	58,565	130,770	26,050	156,820	68,522
1982	43,598	5.84020	254,621	68,522	378	54,020	142,874	28,361	171,235	98,266

Center for Trade and Agricultural Policy

UNITED STATES

COARSE GRAIN SUPPLY 1960-1982



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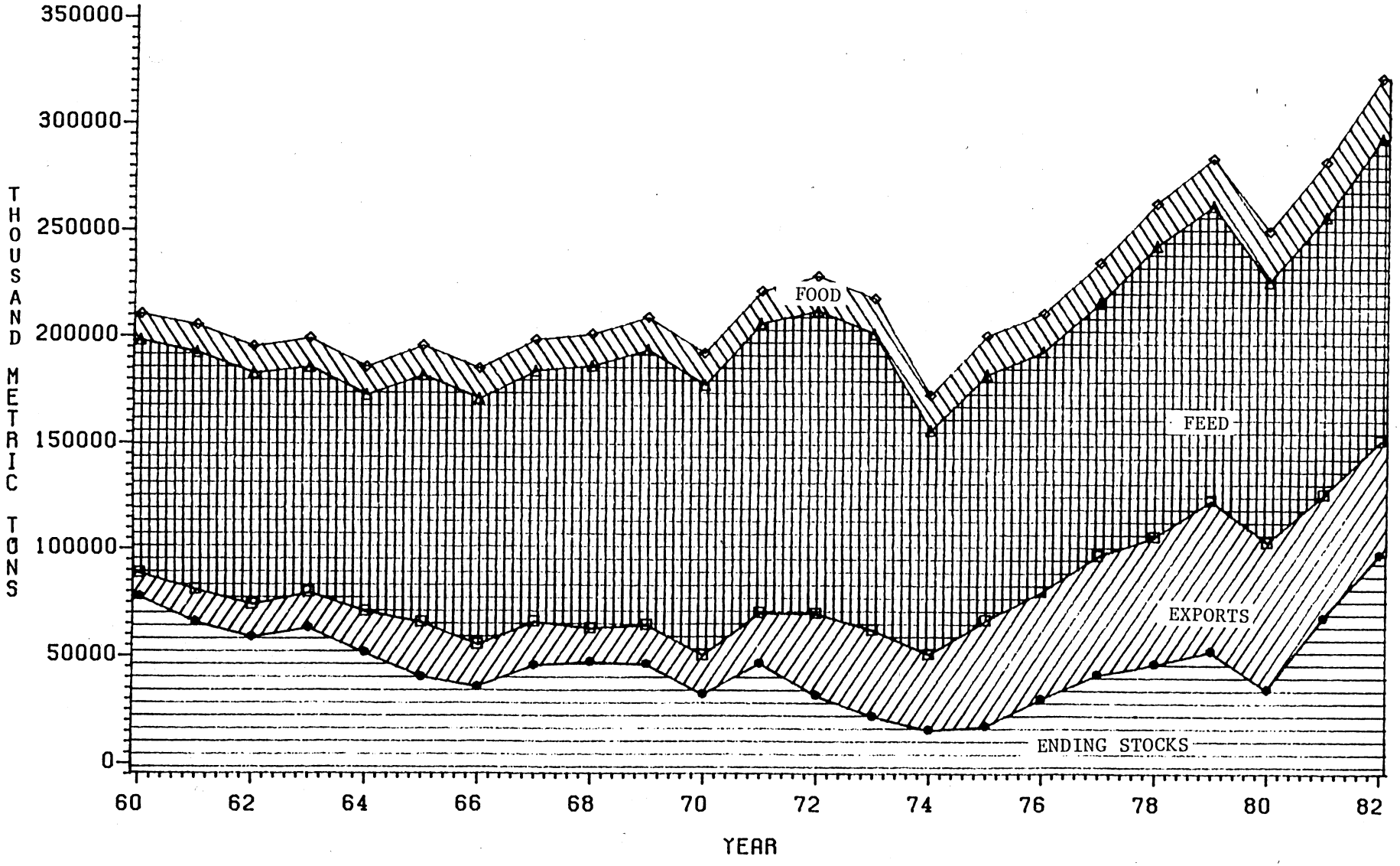
UNITED STATES

COARSE GRAIN UTILIZATION 1960–1982



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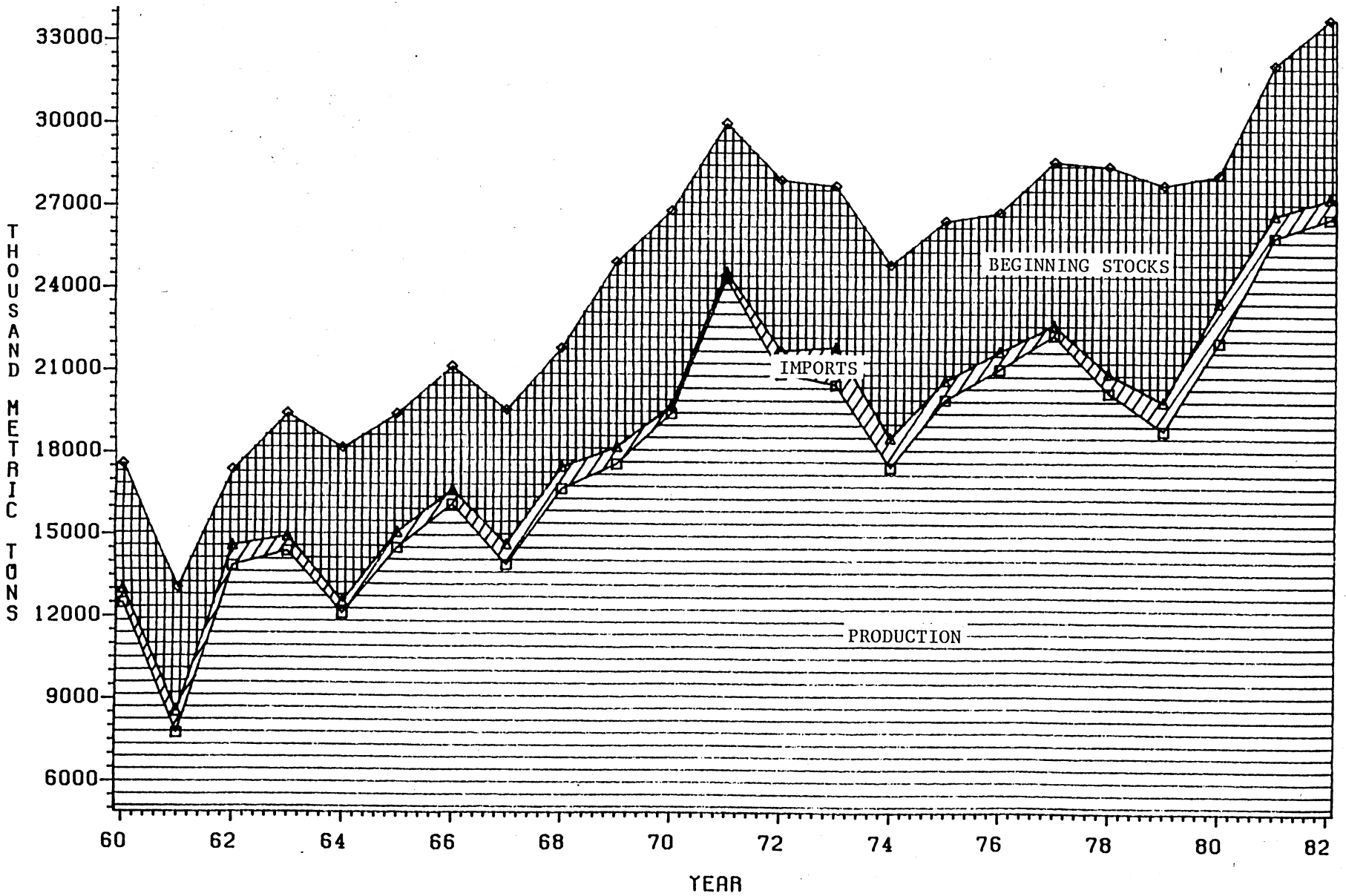
TABLE(2) CANADA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	7,633	1.63553	12,484	4,580	504	1,016	10,335	1,694	12,029	4,523
1961	6,084	1.27202	7,739	4,523	778	992	7,706	1,555	9,261	2,787
1962	7,473	1.85428	13,857	2,787	735	818	10,371	1,720	12,091	4,470
1963	7,379	1.95216	14,405	4,470	554	1,324	10,828	1,656	12,484	5,621
1964	6,622	1.83147	12,128	5,621	422	1,066	11,096	1,695	12,791	4,314
1965	7,150	2.03287	14,535	4,314	565	1,188	12,003	1,720	13,723	4,503
1966	7,562	2.13184	16,121	4,503	531	1,340	12,934	1,960	14,894	4,921
1967	7,584	1.83492	13,916	4,921	747	1,024	12,300	1,923	14,223	4,337
1968	7,899	2.11343	16,694	4,337	803	597	12,490	2,046	14,536	6,701
1969	8,191	2.15090	17,618	6,701	644	1,691	13,884	2,248	16,132	7,140
1970	8,418	2.31338	19,474	7,140	267	4,276	14,849	2,297	17,146	5,459
1971	10,212	2.38876	24,394	5,459	234	5,342	15,731	2,800	18,531	6,214
1972	9,162	2.28291	20,916	6,214	868	3,740	15,773	2,595	18,368	5,890
1973	9,174	2.23632	20,516	5,890	1,386	2,716	16,343	2,393	18,736	6,340
1974	8,945	1.95942	17,527	6,340	1,062	2,983	13,879	2,219	16,098	5,848
1975	8,580	2.33112	20,001	5,848	697	4,968	14,161	2,323	16,484	5,094
1976	8,364	2.52427	21,113	5,094	660	4,439	14,343	2,104	16,447	5,981
1977	8,483	2.63645	22,365	5,981	386	4,032	15,561	1,576	17,137	7,563
1978	7,794	2.60264	20,285	7,563	700	3,913	15,106	1,591	16,697	7,938
1979	7,083	2.66991	18,911	7,938	1,029	4,674	16,071	2,444	18,515	4,689
1980	7,996	2.76851	22,137	4,689	1,436	4,784	15,459	2,561	18,020	5,458
1981	9,165	2.83372	25,971	5,458	836	7,454	15,585	2,692	18,277	6,534
1982	8,907	2.99394	26,667	6,534	759	6,578	16,076	2,629	18,705	8,677

Center for Trade and Agricultural Policy

CANADA

COARSE GRAIN SUPPLY 1960–1982



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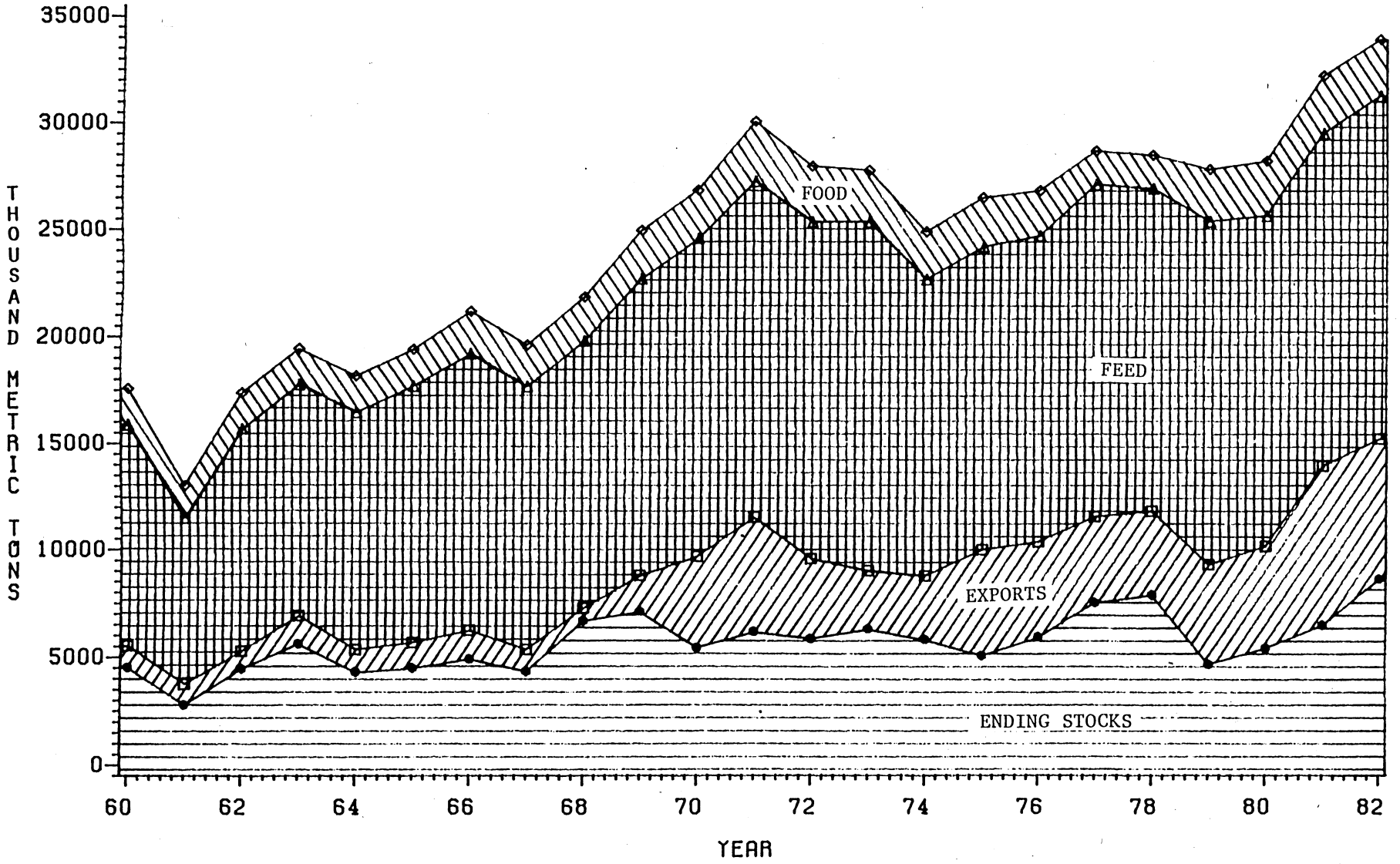
CANADA

COARSE GRAIN UTILIZATION 1960–1982



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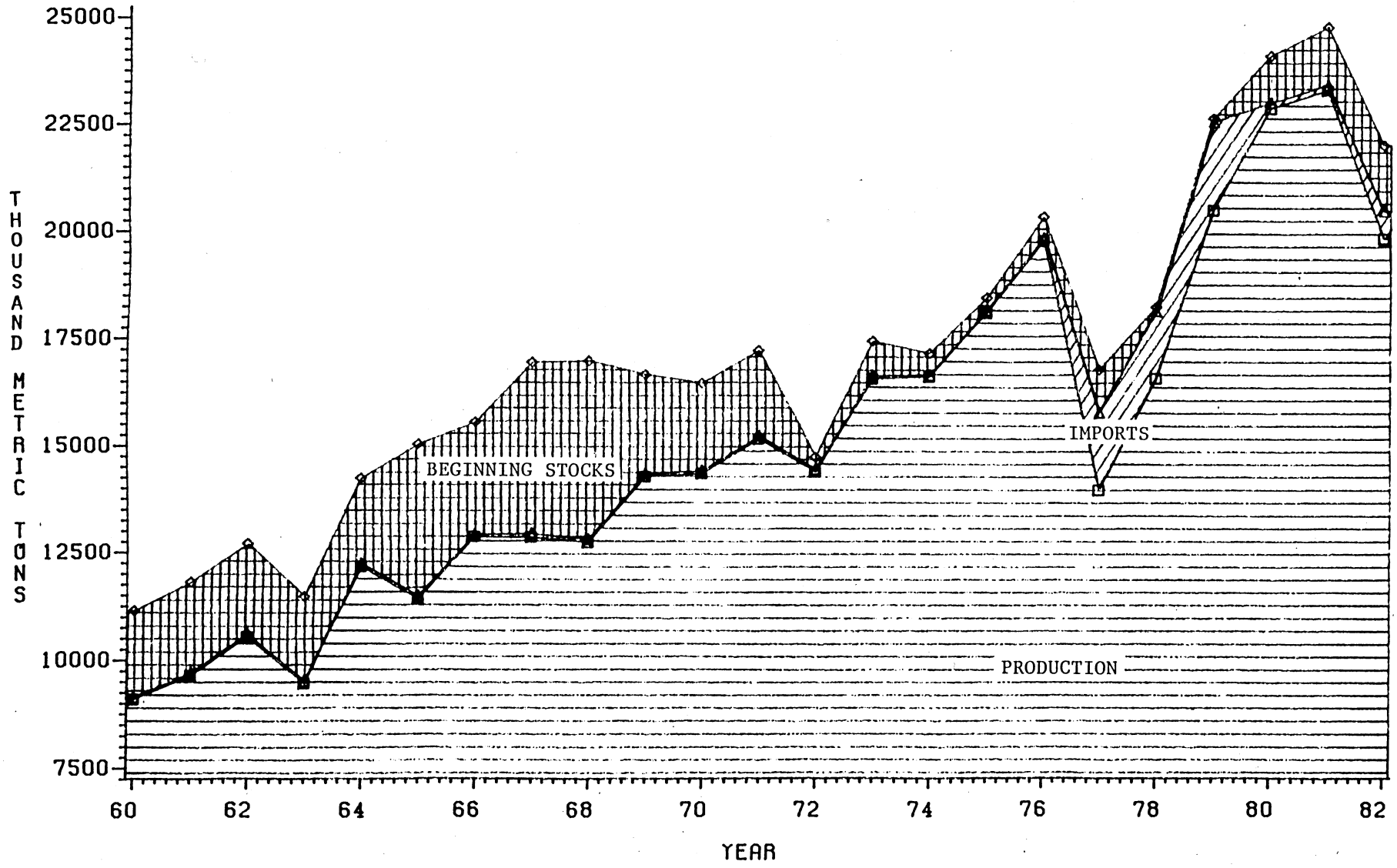
TABLE(3) BRAZIL SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	6,977	1.30472	9,103	2,000	54	4	5,343	3,710	9,053	2,100
1961	7,434	1.29796	9,649	2,100	62	7	5,961	3,743	9,704	2,100
1962	8,038	1.31202	10,546	2,100	63	710	6,260	3,779	10,039	1,960
1963	8,188	1.15572	9,463	1,960	56	70	5,681	3,722	9,403	2,006
1964	8,849	1.37609	12,177	2,006	70	566	6,261	3,868	10,129	3,558
1965	8,788	1.30155	11,438	3,558	56	624	7,996	3,822	11,818	2,610
1966	9,368	1.37692	12,899	2,610	55	485	7,222	3,847	11,069	4,010
1967	9,676	1.33144	12,883	4,010	77	1,199	7,635	3,974	11,609	4,162
1968	9,740	1.31078	12,767	4,162	74	622	10,118	3,943	14,061	2,320
1969	9,941	1.43768	14,292	2,320	77	1,788	8,871	3,981	12,852	2,049
1970	10,709	1.34214	14,373	2,049	63	956	9,549	3,987	13,536	1,993
1971	10,741	1.41328	15,180	1,993	72	195	12,730	4,020	16,750	300
1972	10,123	1.42389	14,414	300	61	52	9,945	3,978	13,923	800
1973	11,448	1.44986	16,598	800	61	1,355	12,455	3,149	15,604	500
1974	10,967	1.51792	16,647	500	38	968	11,898	4,019	15,917	300
1975	11,338	1.59949	18,135	300	50	1,511	13,017	3,457	16,474	500
1976	12,122	1.63612	19,833	500	45	1,312	13,954	4,112	18,066	1,000
1977	11,383	1.23008	14,002	1,000	1,817	0	13,786	2,933	16,719	100
1978	11,561	1.43776	16,622	100	1,557	0	15,132	3,061	18,193	86
1979	11,858	1.73360	20,557	86	2,065	0	17,872	3,736	21,608	1,100
1980	13,065	1.75568	22,938	1,100	137	18	18,783	4,026	22,809	1,348
1981	13,700	1.70562	23,367	1,348	122	738	18,781	3,770	22,551	1,548
1982	11,446	1.73886	19,903	1,548	630	490	17,958	3,333	21,291	300

BRAZIL

COARSE GRAIN SUPPLY 1960-1982



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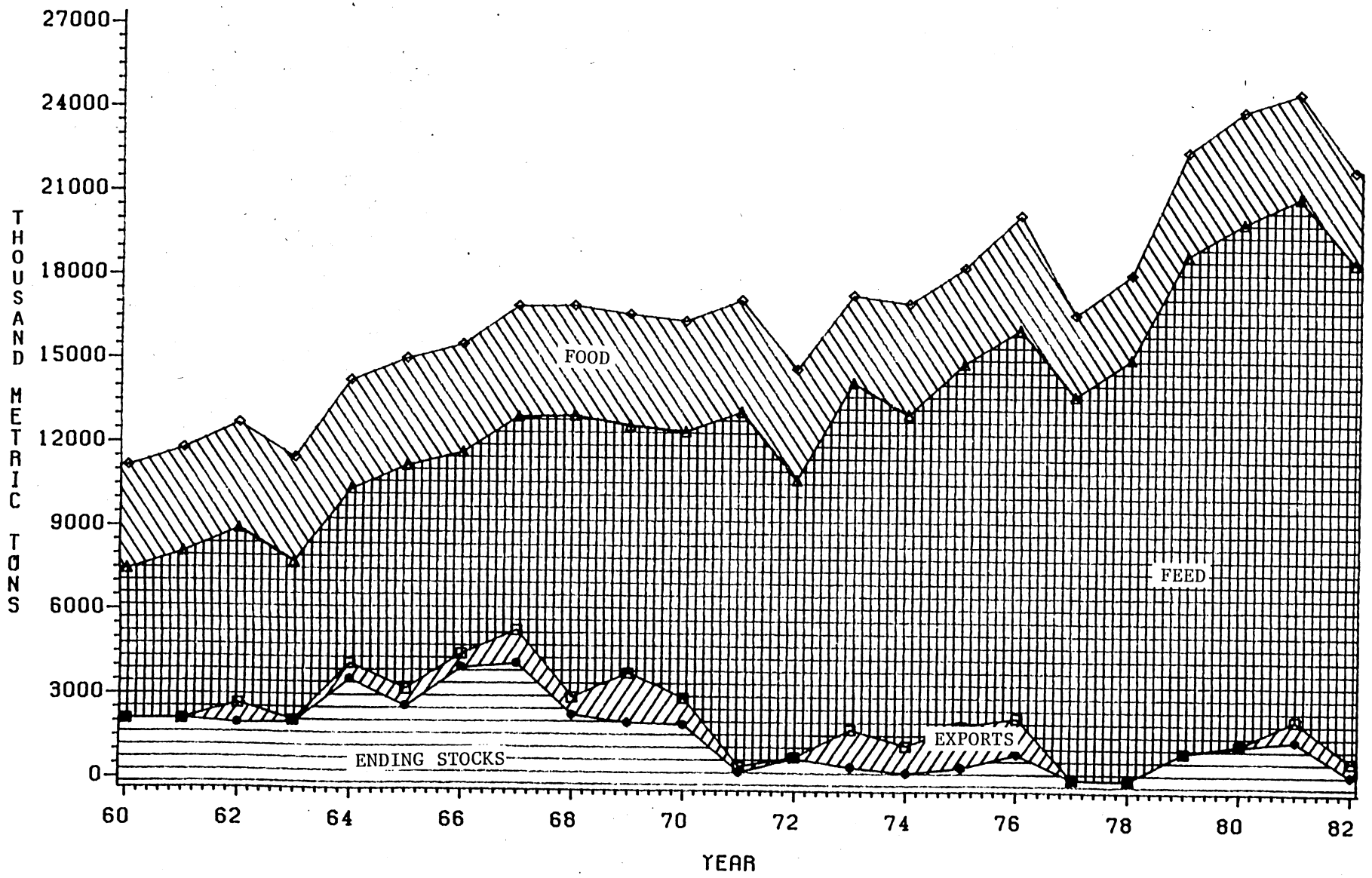
BRAZIL

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(4) ARGENTINA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	5,718	1.48374	8,484	522	3	2,501	4,970	970	5,940	568
1961	5,595	1.57980	8,839	568	5	4,131	4,203	875	5,078	203
1962	4,424	1.46067	6,462	203	4	3,378	1,950	868	2,818	473
1963	5,905	1.56986	9,270	473	5	5,327	2,984	1,006	3,990	431
1964	5,661	1.48260	8,393	431	6	3,742	3,742	1,069	4,811	277
1965	5,417	1.93557	10,485	277	4	5,309	4,222	1,051	5,273	184
1966	5,645	1.92241	10,852	184	2	4,969	4,430	1,288	5,718	351
1967	6,248	1.65109	10,316	351	4	4,542	4,300	1,410	5,710	419
1968	6,641	1.64825	10,946	419	1	5,598	4,006	1,451	5,457	311
1969	7,333	2.00150	14,677	311	1	7,957	5,227	1,596	6,823	209
1970	7,468	2.09976	15,681	209	2	9,098	4,615	1,321	5,936	858
1971	5,951	1.61469	9,609	858	2	3,347	5,629	1,188	6,817	305
1972	7,641	2.08912	15,963	305	0	7,552	6,082	1,920	8,002	714
1973	7,521	2.38466	17,935	714	0	9,189	6,660	2,432	9,092	368
1974	6,228	2.21468	13,793	368	0	5,981	4,802	2,279	7,081	1,099
1975	5,908	2.10528	12,438	1,099	0	6,922	4,810	976	5,786	829
1976	6,363	2.64969	16,860	829	0	9,798	6,517	886	7,403	488
1977	6,138	2.98517	18,323	488	0	11,152	5,995	891	6,886	773
1978	6,369	2.70843	17,250	773	0	10,021	6,740	869	7,609	393
1979	4,832	2.19599	10,611	393	0	5,133	4,871	835	5,706	165
1980	6,414	3.28079	21,043	165	0	14,354	5,650	845	6,495	359
1981	6,387	2.87678	18,374	359	0	11,493	5,744	849	6,593	647
1982	6,340	2.85473	18,099	647	0	11,481	6,000	855	6,855	410

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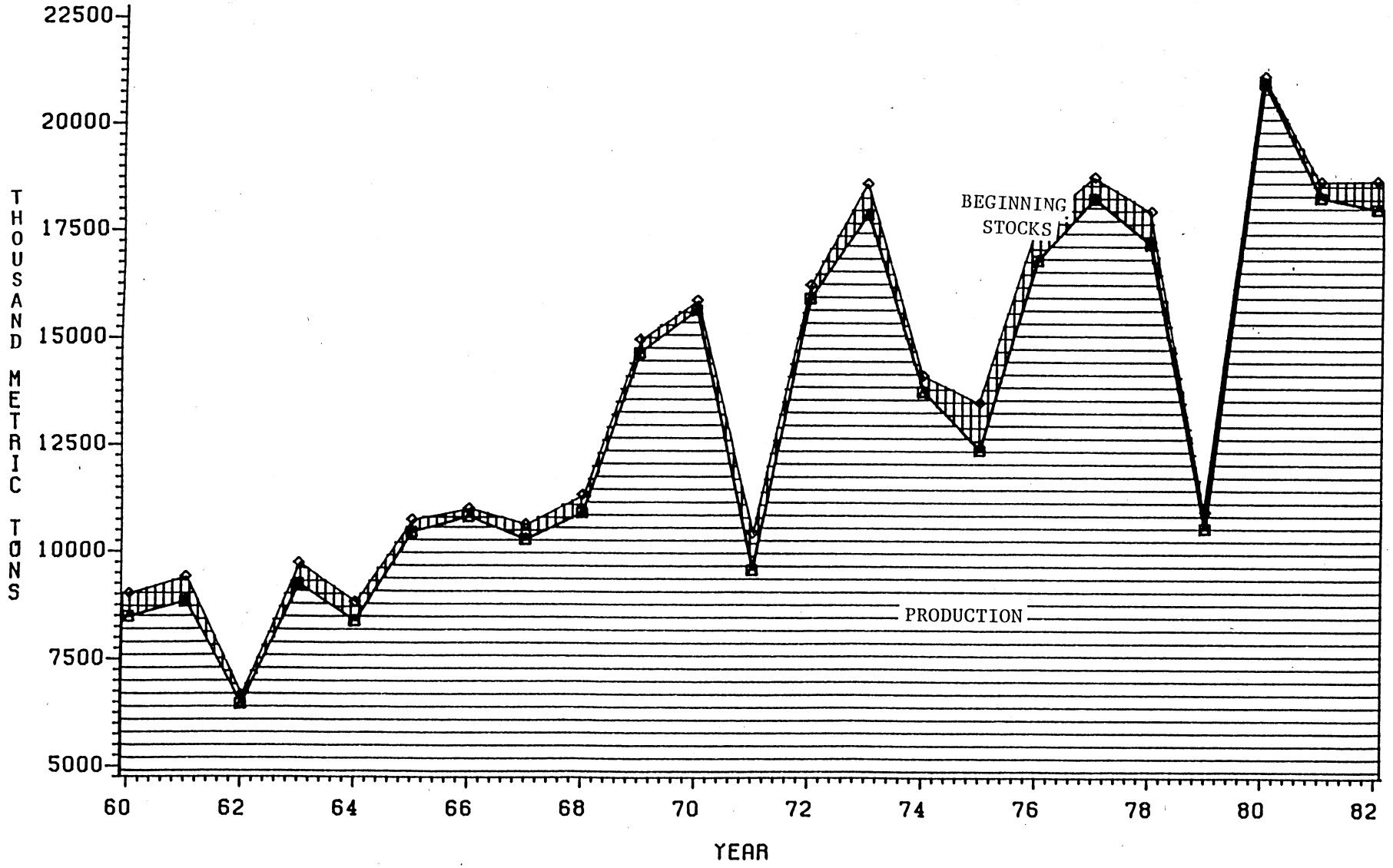
ARGENTINA

COARSE GRAIN SUPPLY 1960–1982



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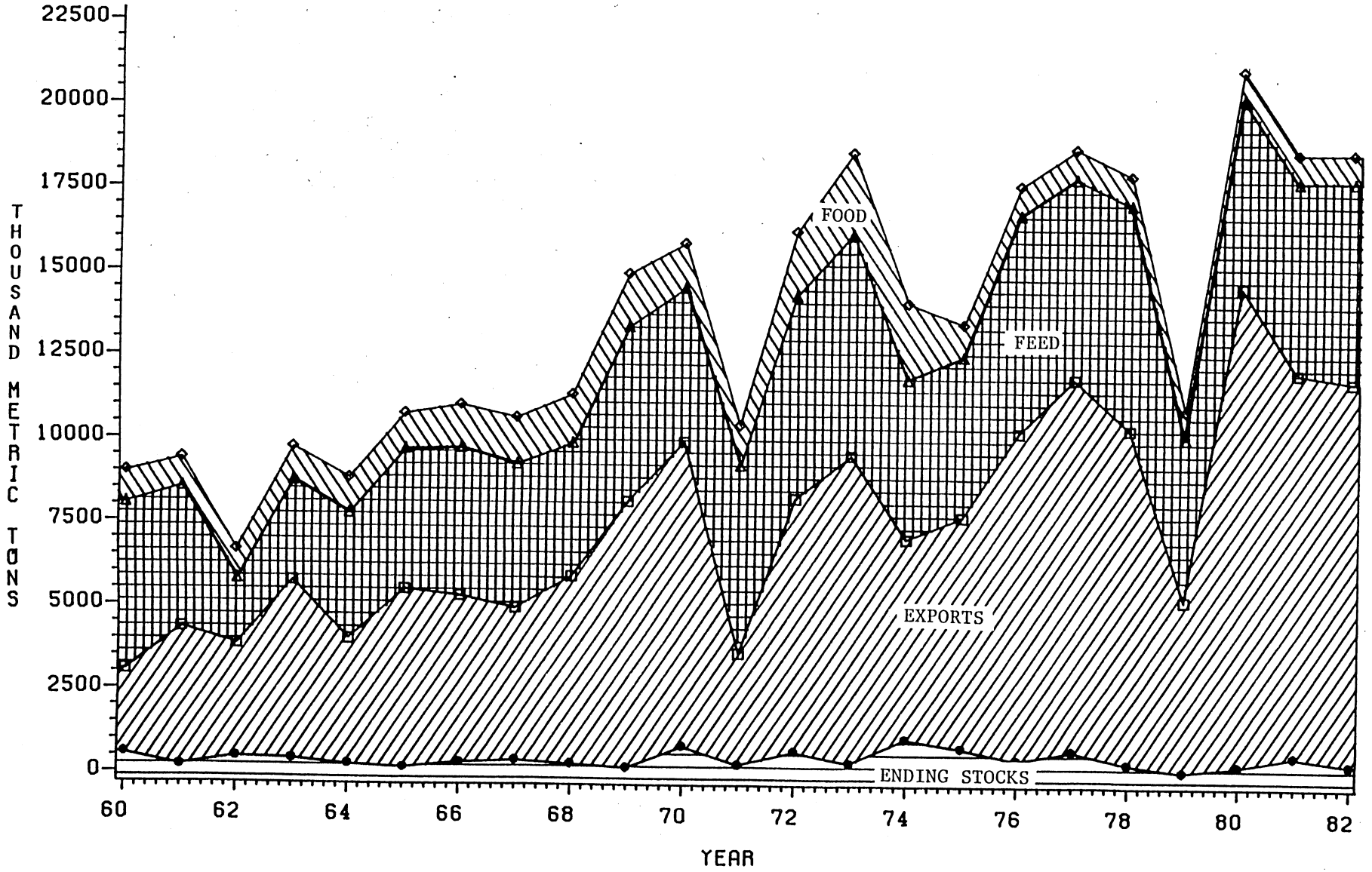
ARGENTINA

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(5) MEXICO SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	5,851	0.99863	5,843	299	134	53	315	5,615	5,930	293
1961	6,826	0.89276	6,094	293	87	3	408	5,691	6,099	372
1962	6,797	0.87848	5,971	372	647	1	523	5,876	6,399	590
1963	7,221	1.01883	7,357	590	139	69	507	6,193	6,700	1,317
1964	7,779	1.06402	8,277	1,317	165	1,172	648	6,745	7,393	1,194
1965	8,077	1.10932	8,960	1,194	148	1,105	891	7,235	8,126	1,071
1966	8,395	1.17856	9,894	1,071	81	1,076	1,207	7,647	8,854	1,116
1967	8,457	1.16543	9,856	1,116	115	1,091	1,610	7,711	9,321	675
1968	8,751	1.24831	10,924	675	55	1,113	1,958	7,994	9,952	589
1969	8,433	1.06024	8,941	589	827	311	2,155	7,507	9,662	384
1970	9,218	1.25092	11,531	384	173	493	2,284	8,450	10,734	861
1971	9,181	1.25792	11,549	861	140	489	2,667	9,120	11,787	274
1972	8,755	1.16334	10,185	274	1,513	96	2,436	9,016	11,452	424
1973	9,307	1.31449	12,234	424	1,571	0	3,640	9,671	13,311	918
1974	9,090	1.19373	10,851	918	2,906	0	3,720	9,899	13,619	1,056
1975	9,468	1.39364	13,195	1,056	1,792	4	4,218	10,533	14,751	1,288
1976	9,450	1.41693	13,390	1,288	2,304	85	4,557	10,896	15,453	1,444
1977	9,265	1.39892	12,961	1,444	2,266	0	4,592	11,196	15,788	883
1978	9,510	1.46845	13,965	883	2,140	0	4,705	11,552	16,257	731
1979	8,870	1.31003	11,620	731	6,338	0	5,570	11,983	17,553	1,136
1980	9,570	1.53501	14,690	1,136	7,124	0	6,190	12,375	18,565	4,385
1981	9,875	1.71038	16,890	4,385	1,626	0	7,930	13,038	20,968	1,933
1982	7,410	1.37517	10,190	1,933	7,353	0	6,880	11,919	18,799	677

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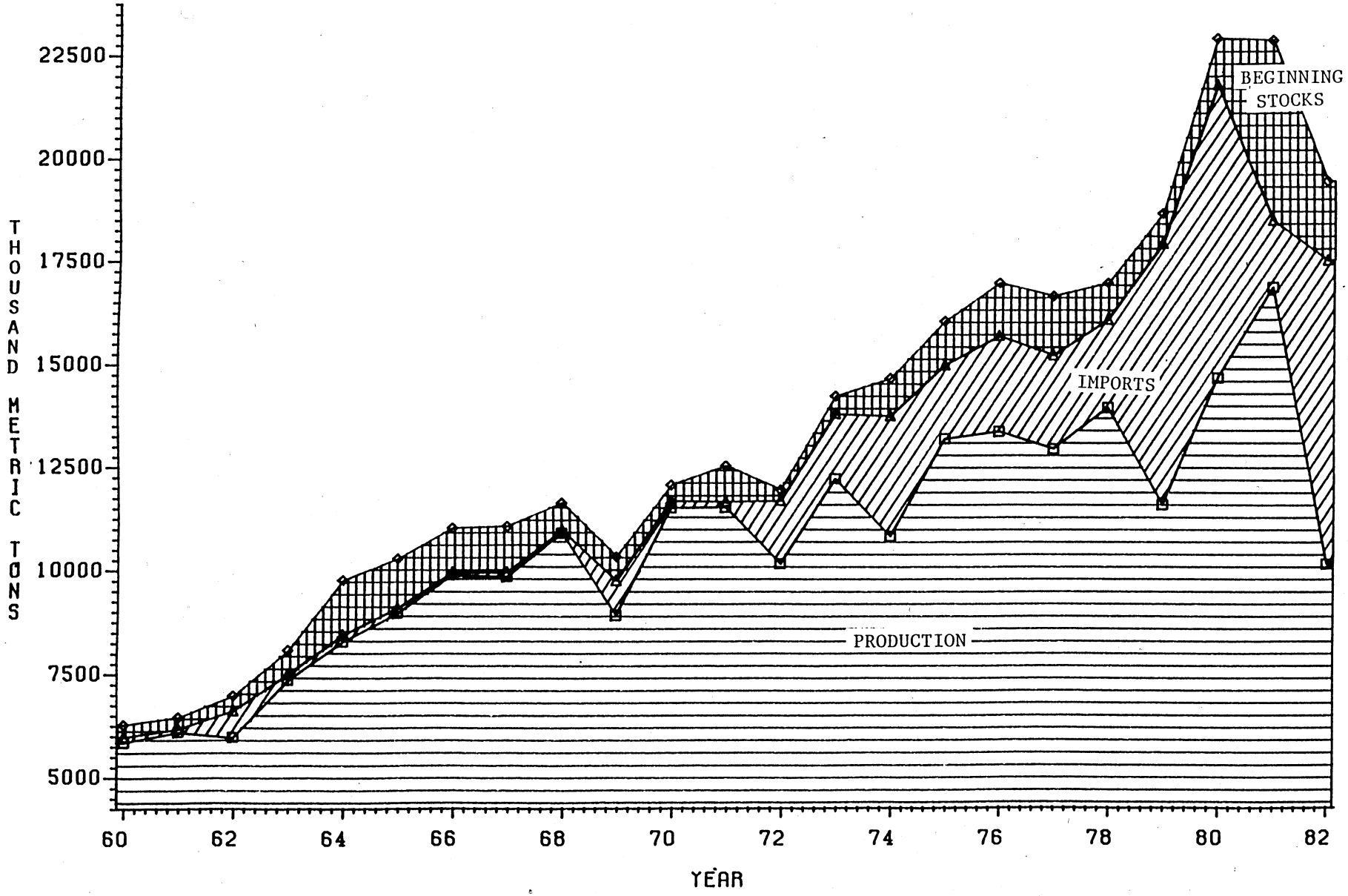
MEXICO

COARSE GRAIN SUPPLY 1960-1982



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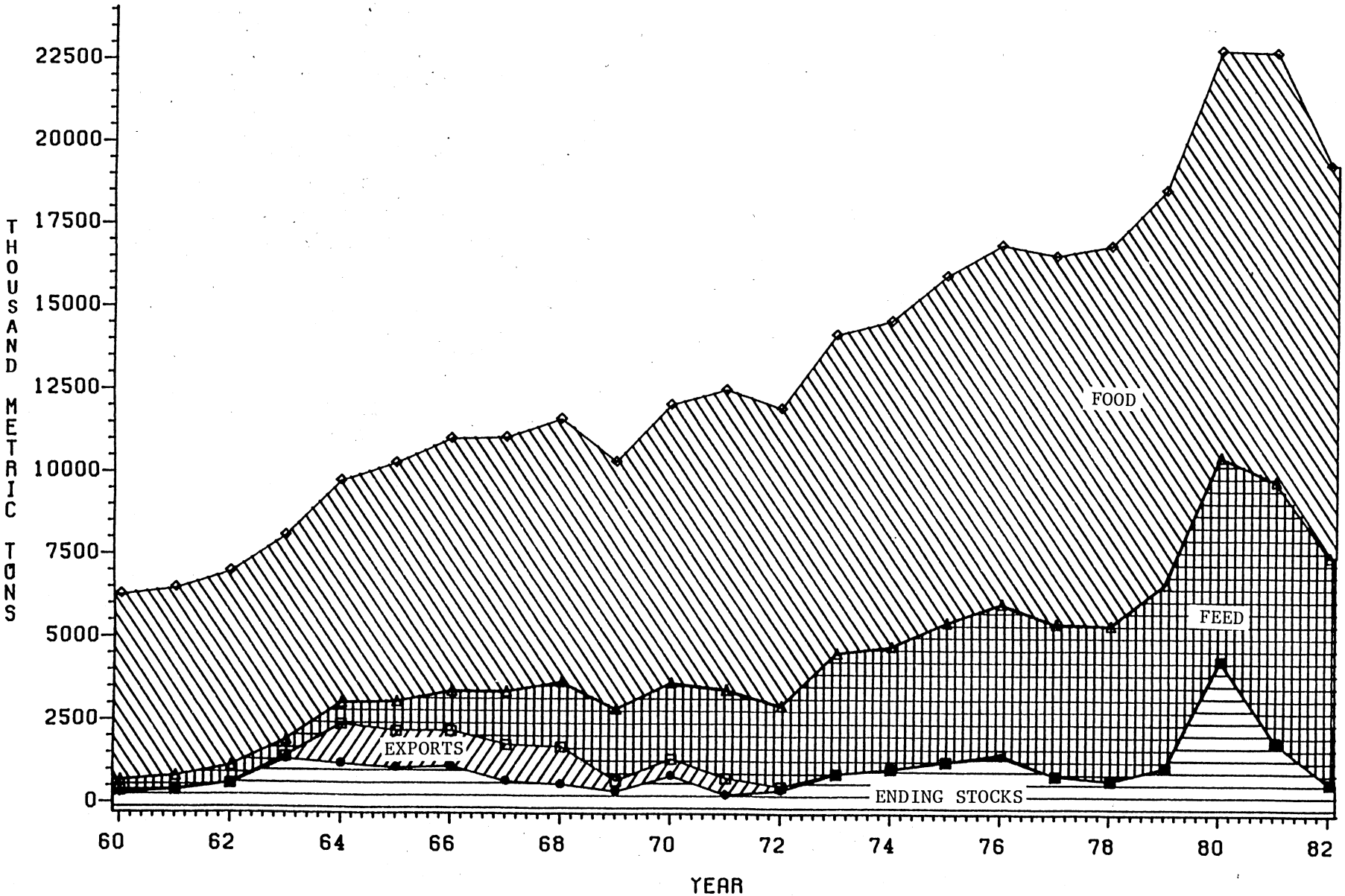
MEXICO

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(6) VENEZUELA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	398	1.10302	439	0	1	0	0	440	440	0
1961	389	1.07969	420	0	62	0	0	482	482	0
1962	483	1.11801	540	0	86	0	0	626	626	0
1963	427	1.00703	430	0	48	0	0	478	478	0
1964	444	1.07432	477	0	132	0	1	608	609	0
1965	464	1.13147	525	0	34	0	4	555	559	0
1966	472	1.20339	568	0	25	0	10	583	593	0
1967	623	1.04173	649	0	1	0	16	634	650	0
1968	635	1.07559	683	0	232	0	22	753	775	140
1969	646	1.04489	675	140	117	0	79	649	728	204
1970	591	1.21151	716	204	392	0	310	911	1,221	91
1971	590	1.21186	715	91	278	0	199	680	879	205
1972	461	1.11280	513	205	629	0	420	912	1,332	15
1973	445	1.04045	463	15	743	0	531	648	1,179	42
1974	490	1.20000	588	42	670	0	494	684	1,178	122
1975	550	1.31455	723	122	639	0	593	797	1,390	94
1976	415	1.58072	656	94	1,022	0	770	965	1,735	37
1977	659	1.59636	1,052	37	1,146	0	880	1,105	1,985	250
1978	686	1.69534	1,163	250	900	0	1,175	971	2,146	167
1979	762	1.67717	1,278	167	838	0	1,150	1,048	2,198	85
1980	670	1.64776	1,104	85	1,222	0	820	1,291	2,111	300
1981	541	1.47874	800	300	1,823	0	1,253	1,415	2,668	255
1982	525	1.67238	878	255	1,797	0	1,906	942	2,848	82

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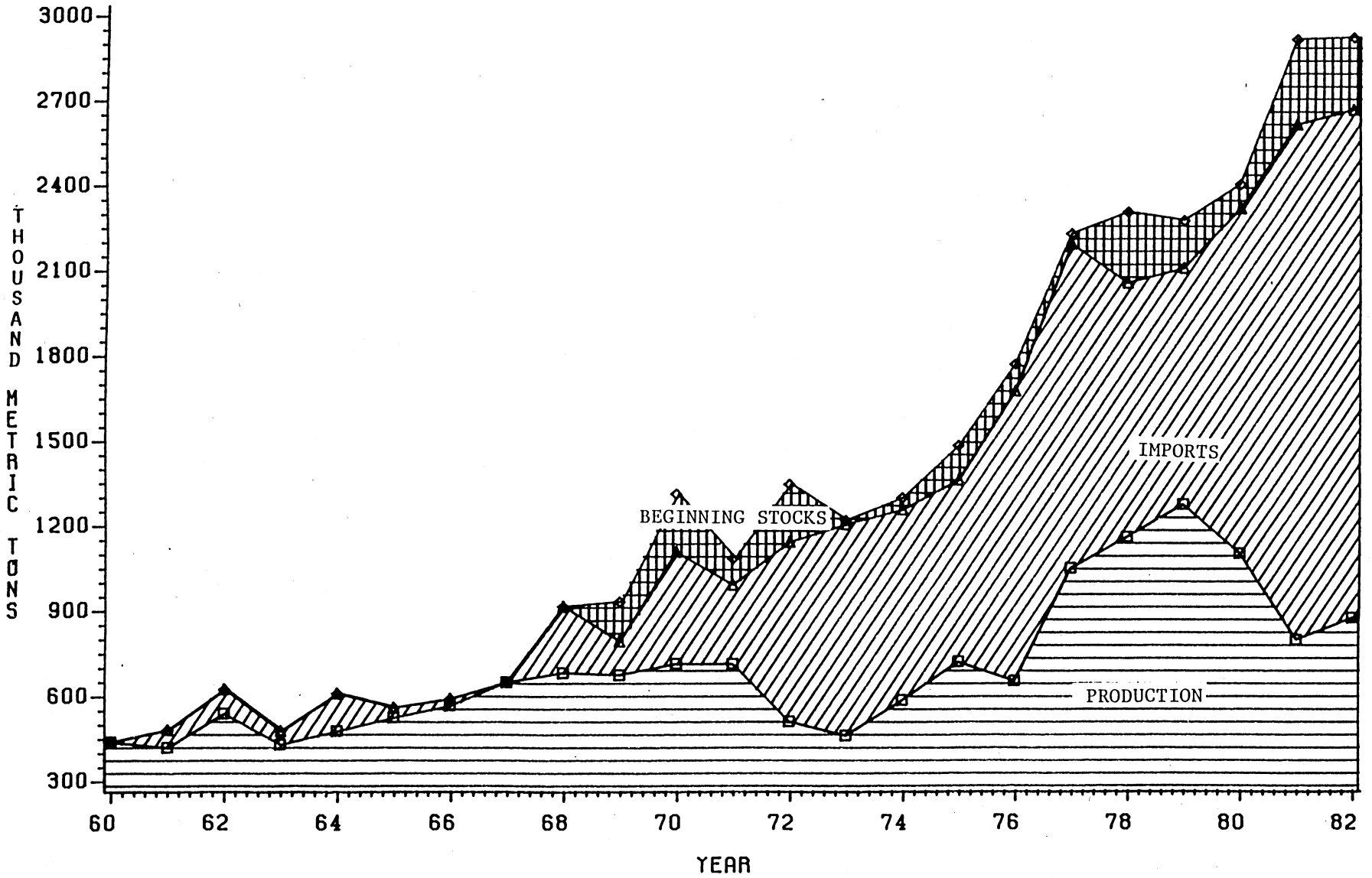
VENEZUELA

COARSE GRAIN SUPPLY 1960-1982



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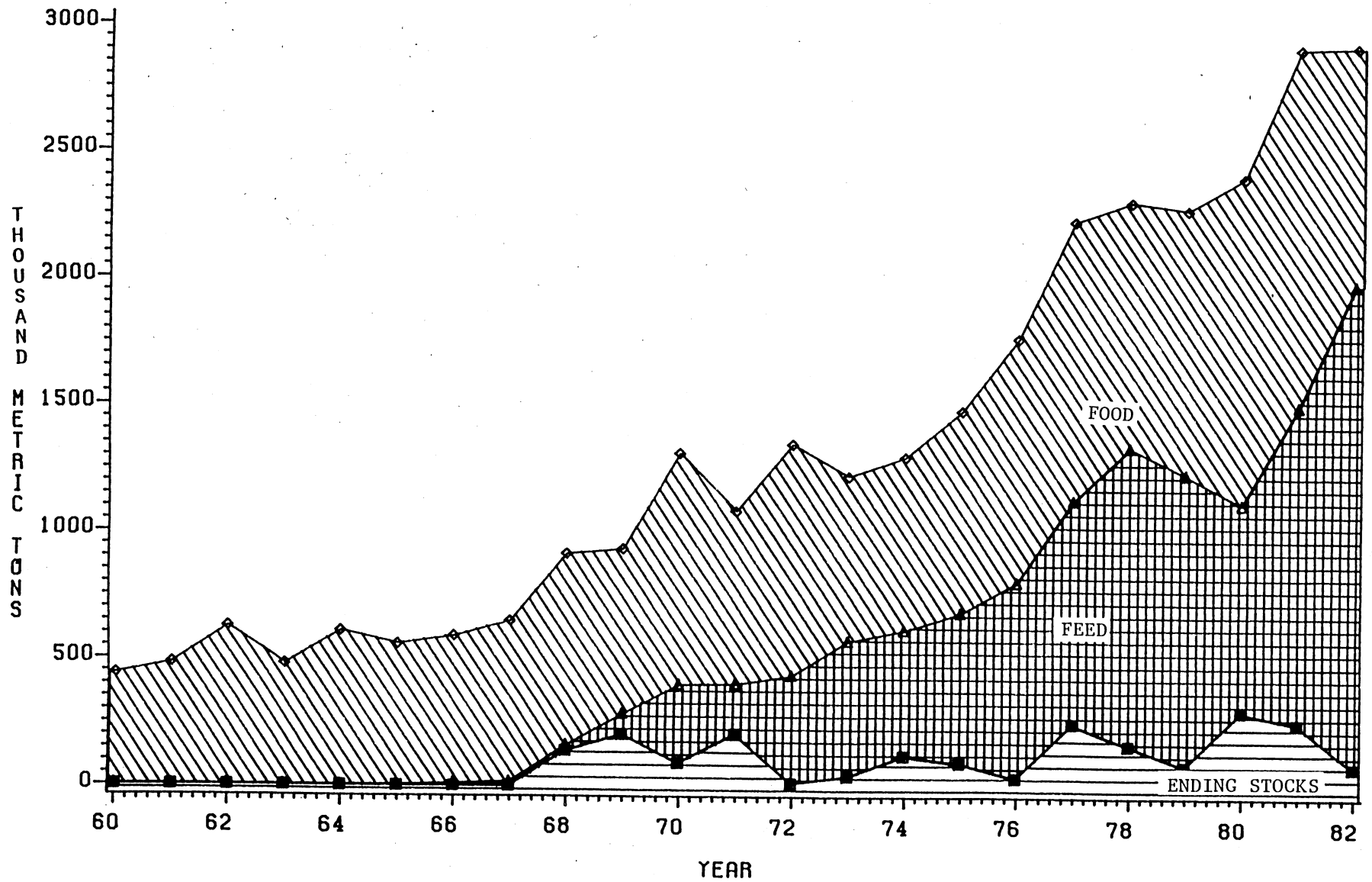
VENEZUELA

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(7) CENTRAL AMERICA & CARIBBEAN ISLANDS SUPPLY/UTILISATION OF FEED -GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	2,022	0.92483	1,870	193	62	58	381	1,546	1,927	140
1961	1,942	0.87693	1,703	140	86	33	367	1,395	1,762	134
1962	2,269	0.89952	2,041	134	104	45	387	1,686	2,073	161
1963	2,297	0.89595	2,058	161	101	44	402	1,707	2,109	167
1964	2,330	0.90601	2,111	167	159	80	429	1,741	2,170	187
1965	2,375	0.91200	2,166	187	182	71	460	1,795	2,255	209
1966	2,412	0.92620	2,234	209	139	39	486	1,782	2,268	275
1967	2,455	0.92138	2,262	275	175	57	477	1,919	2,396	259
1968	2,421	0.98554	2,386	259	181	52	549	2,061	2,610	164
1969	2,689	1.00037	2,690	164	162	25	540	2,334	2,874	117
1970	2,530	1.07905	2,730	117	207	70	515	2,337	2,852	132
1971	2,456	1.08103	2,655	132	279	56	486	2,380	2,866	144
1972	2,557	0.88776	2,270	144	357	17	445	2,259	2,704	50
1973	2,558	0.96638	2,472	50	469	3	526	2,353	2,879	109
1974	2,590	0.93861	2,431	109	379	21	534	2,301	2,835	63
1975	2,766	1.02531	2,836	63	350	26	802	2,182	2,984	239
1976	2,362	1.04022	2,457	239	491	12	997	2,049	3,046	129
1977	2,379	1.16351	2,768	129	769	0	1,262	2,074	3,336	330
1978	2,348	1.31729	3,093	330	577	1	1,272	2,415	3,687	312
1979	2,316	1.30181	3,015	312	652	18	1,397	2,198	3,595	366
1980	2,354	1.32031	3,108	366	730	10	1,450	2,350	3,800	394
1981	2,326	1.32158	3,074	394	629	43	1,337	2,421	3,758	296
1982	2,403	1.21307	2,915	296	707	26	1,293	2,386	3,679	213

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TABLE(8) SOUTH AMERICA(OTHER) SUPPLY/UTILISATION OF FEED-GRAIN (1000MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	2,224	1.09487	2,435	65	58	16	793	1,538	2,331	211
1961	2,466	1.09084	2,690	211	104	16	1,031	1,808	2,839	150
1962	2,440	1.13566	2,771	150	54	15	1,046	1,813	2,859	101
1963	2,466	1.13463	2,798	101	170	15	1,043	1,949	2,992	62
1964	2,596	1.22304	3,175	62	62	15	1,067	2,161	3,228	56
1965	2,715	1.18048	3,205	56	90	32	1,251	2,004	3,255	64
1966	2,718	1.18175	3,212	64	217	22	1,261	2,057	3,318	153
1967	2,599	1.25240	3,255	153	234	17	1,361	2,103	3,464	161
1968	2,654	1.27167	3,375	161	351	34	1,533	2,166	3,699	154
1969	2,688	1.23400	3,317	154	422	68	1,427	2,240	3,667	158
1970	2,787	1.25727	3,504	158	472	44	1,563	2,373	3,936	154
1971	2,737	1.23347	3,376	154	474	72	1,532	2,216	3,748	184
1972	2,706	1.31523	3,559	184	666	43	1,906	2,275	4,181	185
1973	2,717	1.40743	3,824	185	673	88	1,876	2,430	4,306	288
1974	2,677	1.39783	3,742	288	617	71	1,939	2,374	4,313	263
1975	2,941	1.44475	4,249	263	669	143	2,131	2,594	4,725	313
1976	2,832	1.34428	3,807	313	887	137	1,935	2,578	4,513	357
1977	2,669	1.53915	4,108	357	649	181	1,849	2,539	4,388	545
1978	2,812	1.45377	4,088	545	755	66	2,199	2,808	5,007	315
1979	3,052	1.47837	4,512	315	991	83	2,247	2,886	5,133	602
1980	2,845	1.62214	4,615	602	1,363	188	2,538	2,966	5,504	888
1981	2,889	1.65767	4,789	888	1,277	197	2,956	3,037	5,993	764
1982	2,871	1.62591	4,668	764	1,014	95	2,811	3,094	5,905	446

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TABLE(9) EGYPT SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	1,008	2.45734	2,477	0	56	3	.	.	2,530	0
1961	999	2.38338	2,381	0	426	2	.	.	2,805	0
1962	1,022	2.75734	2,818	0	190	4	.	.	3,004	0
1963	977	2.79427	2,730	0	450	4	.	.	3,176	0
1964	955	2.94764	2,815	0	231	1	.	.	3,045	0
1965	789	3.89987	3,077	0	256	2	.	.	3,331	0
1966	921	3.62324	3,337	0	114	3	.	.	3,448	0
1967	912	3.46711	3,162	0	269	1	.	.	3,430	0
1968	943	3.53340	3,332	0	15	0	.	.	3,347	0
1969	887	3.71815	3,298	0	64	1	.	.	3,361	0
1970	878	3.82118	3,355	0	76	0	.	.	3,431	0
1971	875	3.73943	3,272	0	48	0	.	.	3,320	0
1972	904	3.71128	3,355	0	130	0	.	.	3,485	0
1973	905	3.89503	3,525	0	450	0	.	.	2,475	2,020
1974	977	3.63767	3,554	2,020	465	0	923	3,019	3,942	2,097
1975	1,015	3.61970	3,674	2,097	511	0	1,086	3,080	4,166	2,116
1976	989	3.67341	3,633	2,116	644	0	1,397	3,031	4,428	1,965
1977	953	3.65477	3,483	1,965	533	0	1,304	2,790	4,094	1,887
1978	1,027	3.82668	3,930	1,887	806	0	1,616	2,856	4,472	2,151
1979	1,012	3.65119	3,695	2,151	465	0	1,725	2,764	4,489	1,822
1980	1,013	3.92991	3,981	1,822	984	0	1,891	2,959	4,850	1,937
1981	1,012	3.94071	3,988	1,937	1,344	0	2,208	2,748	4,956	2,313
1982	1,018	3.99214	4,064	2,313	1,215	0	3,715	1,602	5,317	2,275

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TABLE(10) HIGH INCOME NORTH AFRICA&MIDDLE EAST SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	4,454	0.65739	2,928	205	611	105	1,114	2,320	3,434	205
1961	3,859	0.61959	2,391	205	593	335	1,165	1,471	2,636	218
1962	3,905	0.79846	3,118	218	508	243	1,141	2,232	3,373	228
1963	3,948	0.74265	2,932	228	498	262	1,202	1,977	3,179	217
1964	3,344	0.72667	2,430	217	520	189	1,171	1,542	2,713	265
1965	3,436	0.77939	2,678	265	433	146	1,246	1,779	3,025	205
1966	3,239	0.70361	2,279	205	799	135	1,300	1,610	2,910	238
1967	3,474	0.73201	2,543	238	827	73	1,353	1,958	3,311	224
1968	4,036	0.78915	3,185	224	788	85	1,491	2,320	3,811	301
1969	3,596	0.85234	3,065	301	718	197	1,572	2,149	3,721	166
1970	3,381	0.82224	2,780	166	1,166	60	1,709	2,167	3,876	176
1971	2,835	0.74533	2,113	176	1,641	2	1,591	2,144	3,735	193
1972	3,483	0.87080	3,033	193	1,348	252	1,600	2,496	4,096	226
1973	3,155	0.70079	2,211	226	1,635	0	1,777	2,120	3,897	175
1974	3,128	0.74265	2,323	175	1,906	0	1,904	2,140	4,044	360
1975	3,682	0.88294	3,251	360	2,134	0	2,629	2,539	5,168	577
1976	3,849	0.92699	3,568	577	2,594	0	2,932	2,969	5,901	838
1977	3,364	0.75951	2,555	838	3,696	0	3,908	2,519	6,427	662
1978	3,753	0.74154	2,783	662	4,238	0	4,965	2,088	7,053	630
1979	3,790	0.70950	2,689	630	4,968	5	5,408	2,133	7,541	741
1980	4,030	0.76154	3,069	741	6,083	5	7,356	1,752	9,108	780
1981	4,297	0.80521	3,460	780	7,590	14	8,689	2,175	10,864	952
1982	3,971	0.83556	3,318	952	8,593	5	9,611	2,140	11,751	1,107

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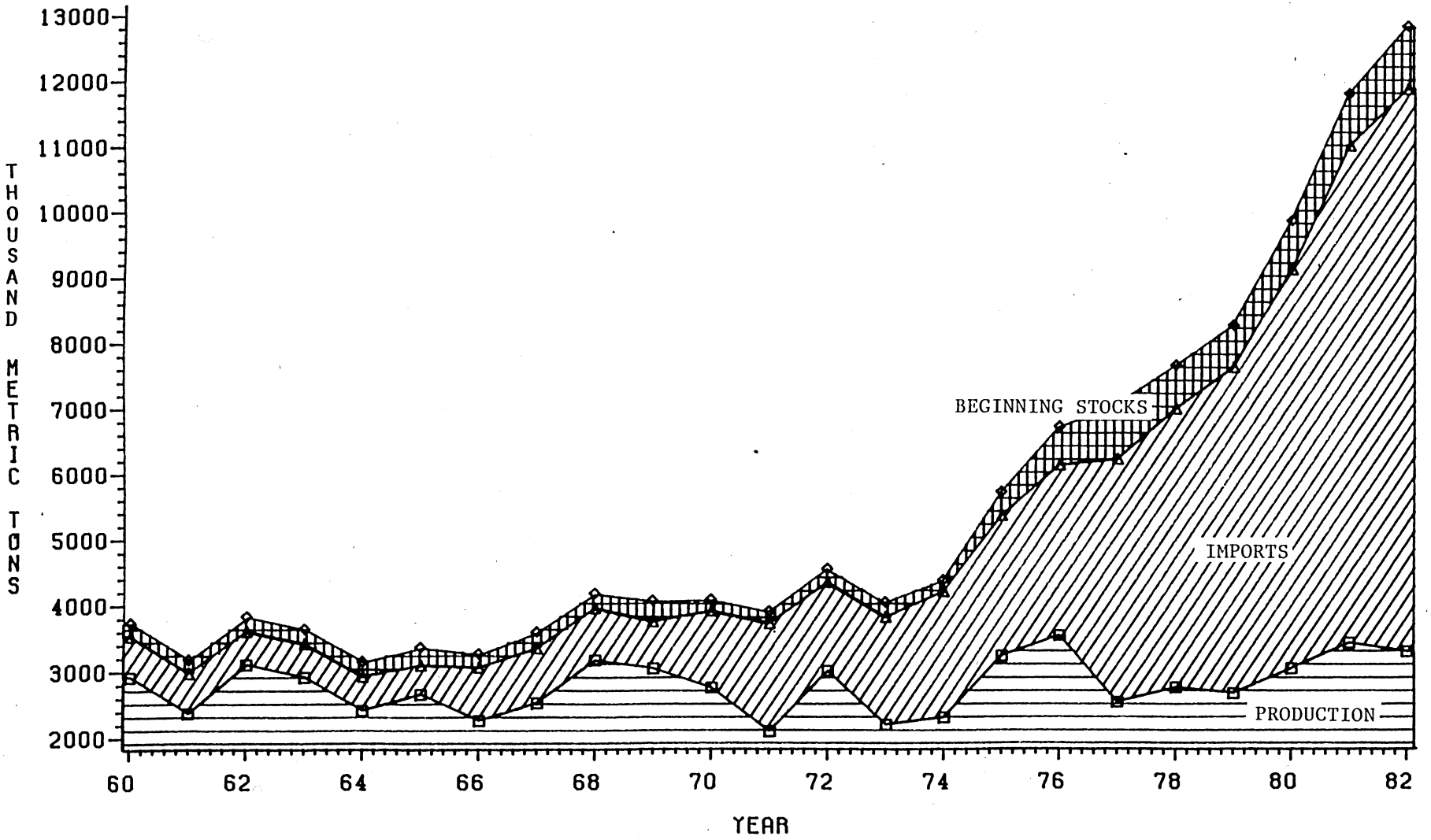
HIGH INCOME N. AFRICA AND MIDDLE EAST

COARSE GRAIN SUPPLY 1960-1982



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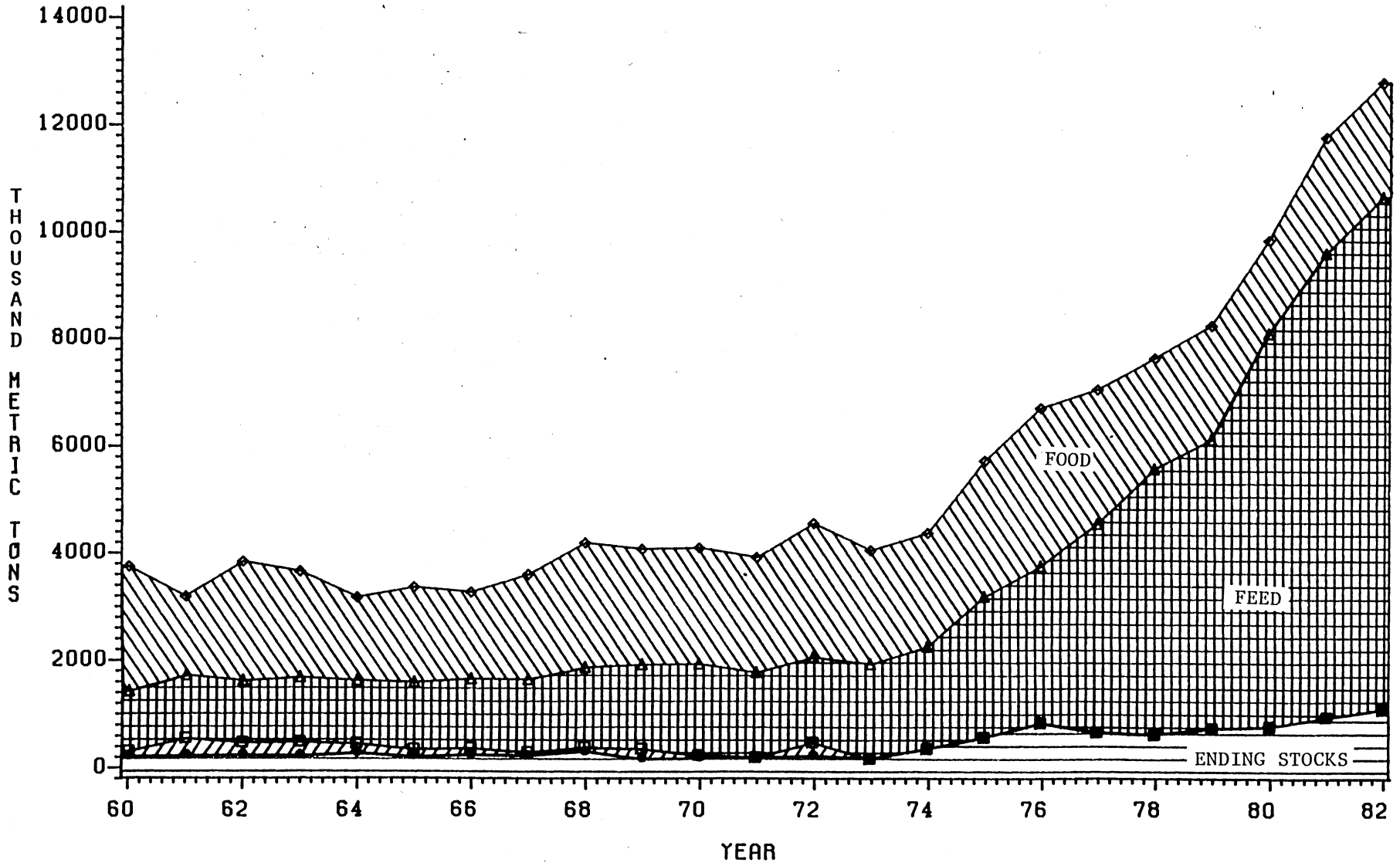
HIGH INCOME N. AFRICA AND MIDDLE EAST

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(11) LOW INCOME NORTH AFRICA&MIDDLE EAST(OTHER) SUPPLY/UTILISATION OF FEED-GRAIN(1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	10,843	0.80891	8,771	351	314	307	.	.	8,762	367
1961	11,510	0.79070	9,101	367	592	222	.	.	9,511	327
1962	11,541	0.92496	10,675	327	309	581	.	.	10,336	394
1963	12,412	1.00814	12,513	394	146	787	.	.	11,685	581
1964	12,022	0.84986	10,217	581	113	477	.	.	9,794	640
1965	11,656	0.88152	10,275	640	219	530	.	.	10,029	575
1966	11,089	0.89566	9,932	575	279	58	.	.	9,999	729
1967	12,165	1.02721	12,496	729	299	195	.	.	12,295	1,034
1968	11,389	1.12714	12,837	1,034	187	387	.	.	12,593	1,078
1969	11,779	0.99423	11,711	1,078	233	606	.	.	11,424	992
1970	11,770	0.93280	10,979	992	315	129	.	.	11,930	227
1971	11,849	1.07638	12,754	227	333	107	.	.	12,539	668
1972	10,486	1.18606	12,437	668	296	261	.	.	12,832	308
1973	12,950	0.79830	10,338	308	363	151	.	.	10,731	127
1974	12,779	1.01166	12,928	127	417	61	3,629	9,411	13,040	371
1975	13,193	1.10096	14,525	371	320	221	5,457	8,824	14,281	714
1976	13,619	1.15823	15,774	714	375	515	6,180	8,372	14,552	1,796
1977	13,559	0.94697	12,840	1,796	756	453	6,782	7,148	13,930	1,009
1978	13,749	1.05142	14,456	1,009	791	385	7,321	7,256	14,577	1,294
1979	13,690	1.03090	14,113	1,294	1,395	774	7,498	6,949	14,447	1,581
1980	13,716	1.14290	15,676	1,581	1,268	1,052	8,161	6,935	15,096	2,377
1981	14,856	1.05574	15,684	2,377	1,633	1,225	8,457	6,036	14,493	3,976
1982	14,246	1.08143	15,406	3,976	1,048	1,984	8,869	6,622	15,491	2,955

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TABLE(12) REPUBLIC OF SOUTH AFRICA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	5,176	1.11128	5,752	675	6	1,740	1,030	2,550	3,580	1,113
1961	5,389	1.17591	6,337	1,113	8	2,604	1,101	2,661	3,762	1,092
1962	5,574	1.16864	6,514	1,092	7	2,822	1,143	2,748	3,891	900
1963	5,632	0.83026	4,676	900	26	1,209	1,297	2,491	3,788	605
1964	5,386	0.95878	5,164	605	176	678	1,569	3,343	4,912	355
1965	5,343	1.04080	5,561	355	144	548	1,688	3,081	4,769	743
1966	5,842	1.81701	10,615	743	12	3,021	1,578	3,479	5,057	3,292
1967	5,702	1.00579	5,735	3,292	14	2,965	1,859	3,314	5,173	903
1968	5,261	1.08192	5,692	903	511	862	2,071	3,258	5,329	915
1969	5,228	1.26626	6,620	915	25	1,251	2,355	3,144	5,499	810
1970	5,452	1.70616	9,302	810	29	2,877	2,007	3,538	5,545	1,719
1971	5,559	1.82101	10,123	1,719	16	3,741	2,308	3,727	6,035	2,082
1972	4,450	1.01730	4,527	2,082	15	157	2,357	3,594	5,951	516
1973	5,474	2.17684	11,916	516	38	3,436	2,770	4,006	6,776	2,258
1974	5,478	1.76305	9,658	2,258	5	3,408	2,905	3,900	6,805	1,708
1975	5,513	1.40214	7,730	1,708	0	1,530	3,150	3,648	6,798	1,110
1976	5,471	1.87534	10,260	1,110	0	2,611	2,706	4,248	6,954	1,805
1977	5,282	2.07819	10,977	1,805	1	3,340	3,192	3,956	7,148	2,295
1978	5,034	1.75447	8,832	2,295	21	2,511	3,162	3,979	7,141	1,496
1979	5,130	2.28519	11,723	1,496	0	3,716	3,487	3,823	7,310	2,193
1980	4,991	3.06932	15,319	2,193	26	4,956	3,802	4,010	7,812	4,770
1981	5,341	1.65138	8,820	4,770	130	4,035	3,211	5,039	8,250	1,435
1982	4,812	0.92934	4,472	1,435	2,612	285	3,938	4,016	7,954	280

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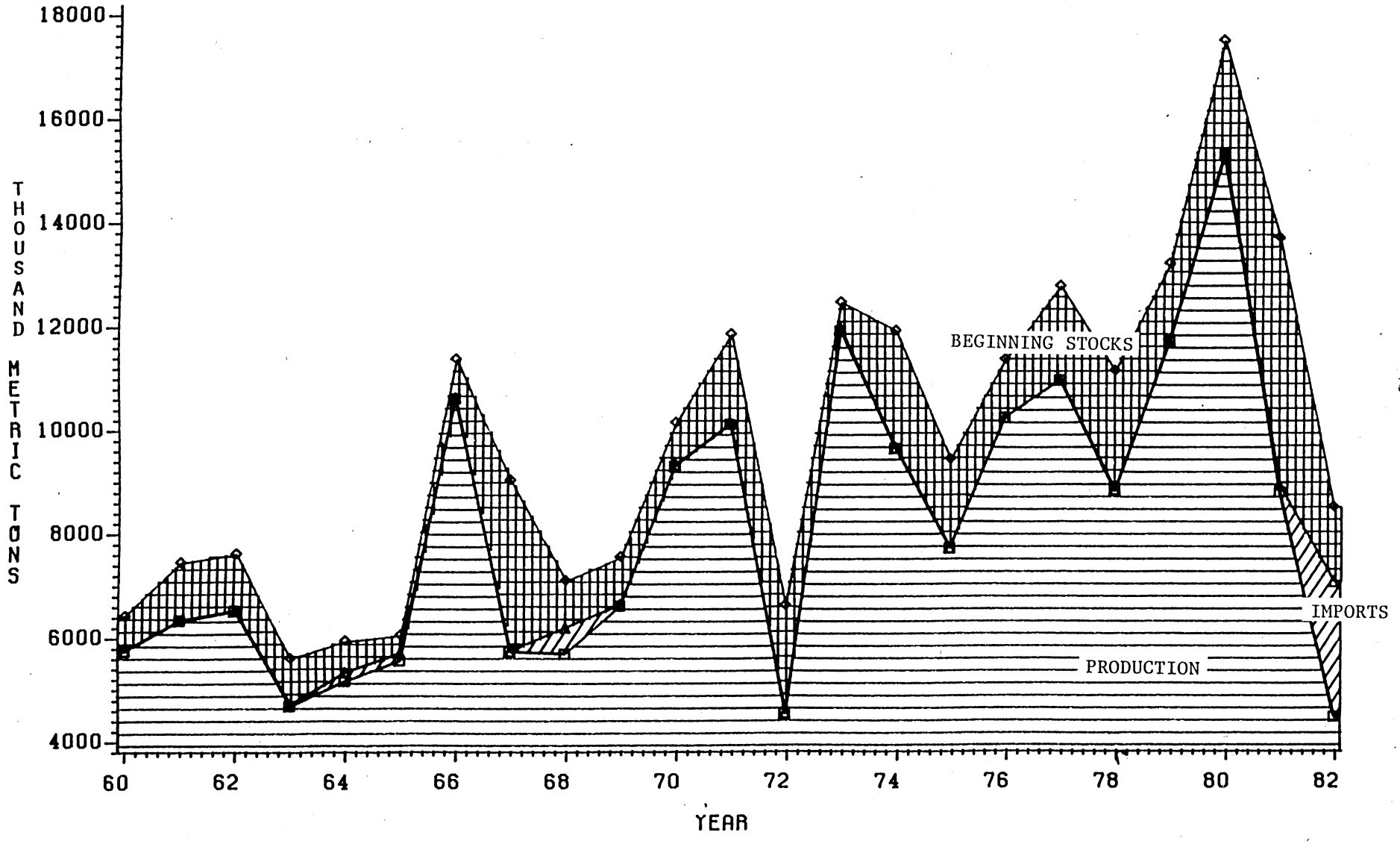
REPUBLIC OF SOUTH AFRICA

COARSE GRAIN SUPPLY 1960–1982



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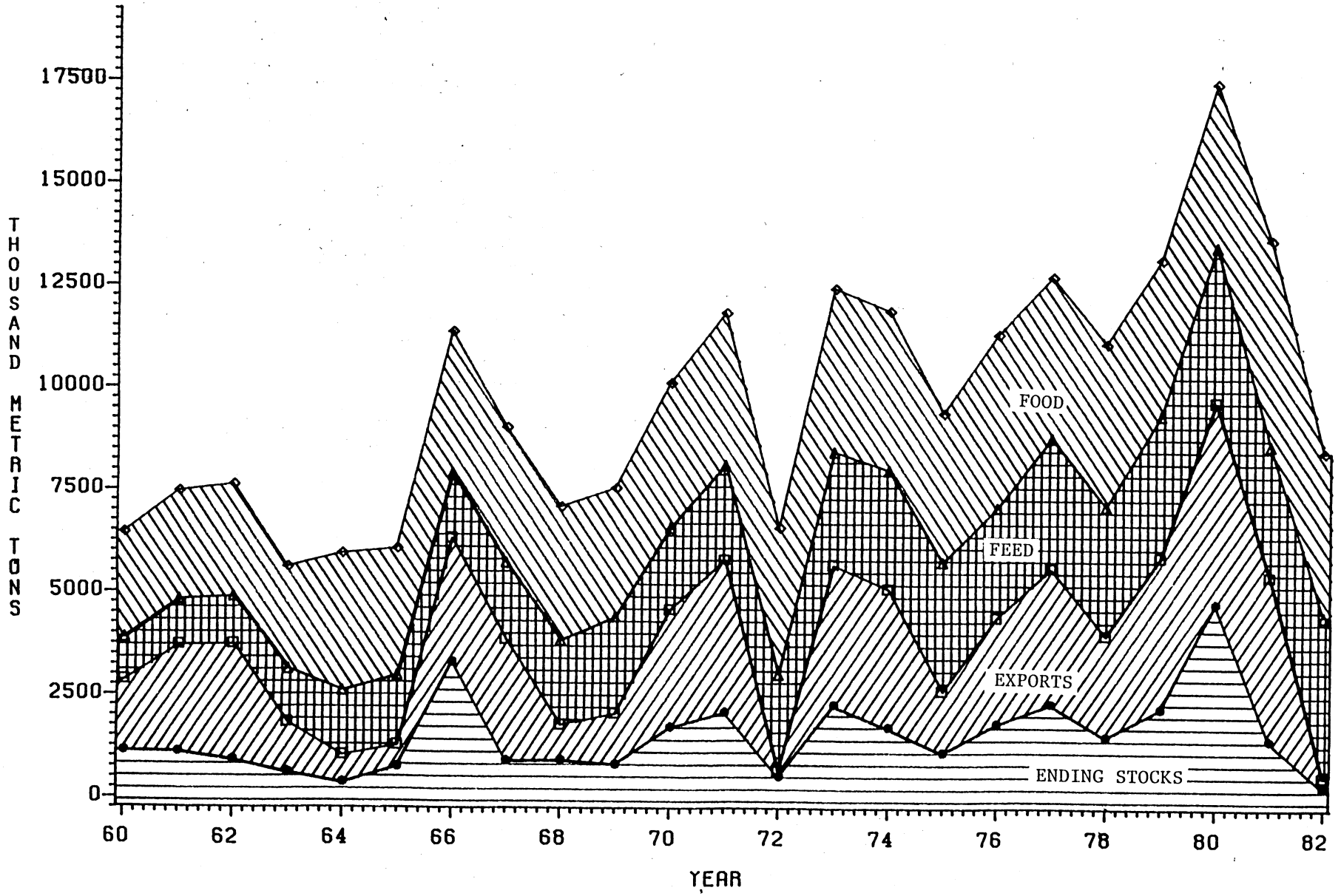
REPUBLIC OF SOUTH AFRICA

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(13) SOUTH AFRICA(OTHER) SUPPLY/UTILISATION OF FEED-GRAIN (1000MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	511	0.57339	293	0	16	0	0	309	309	0
1961	511	0.57339	293	0	17	0	0	310	310	0
1962	381	0.65879	251	0	40	0	0	291	291	0
1963	360	0.68611	247	0	42	0	0	289	289	0
1964	322	0.60559	195	0	53	0	0	248	248	0
1965	316	0.66772	211	0	62	0	0	273	273	0
1966	379	0.62269	236	0	75	0	0	311	311	0
1967	466	0.61803	288	0	29	0	0	317	317	0
1968	419	0.55847	234	0	65	0	0	299	299	0
1969	473	0.54545	258	0	50	0	0	308	308	0
1970	456	0.43421	198	0	80	0	0	278	278	0
1971	490	0.67143	329	0	84	0	0	413	413	0
1972	483	0.58385	282	0	99	0	0	381	381	0
1973	373	0.85255	318	0	113	0	0	431	431	0
1974	397	0.82620	328	0	68	0	0	396	396	0
1975	411	0.83212	342	0	69	0	0	411	411	0
1976	367	0.97548	358	0	32	0	0	390	390	0
1977	340	0.55294	188	0	20	0	0	208	208	0
1978	298	1.14094	340	0	51	0	0	391	391	0
1979	283	0.90459	256	0	186	0	0	442	442	0
1980	421	0.72447	305	0	100	0	0	405	405	0
1981	437	0.69794	305	0	147	0	0	452	452	0
1982	370	0.51622	191	0	236	0	0	427	427	0

TABLE(14) CENTRAL AFRICA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	21,527	0.70957	15,275	30	77	0	44	15,304	15,348	34
1961	23,518	0.67187	15,801	34	82	139	98	15,650	15,748	30
1962	23,804	0.70589	16,803	30	139	103	148	16,684	16,832	37
1963	23,147	0.73448	17,001	37	77	76	633	16,369	17,002	37
1964	23,038	0.76834	17,701	37	99	155	771	16,873	17,644	38
1965	25,803	0.68035	17,555	38	98	139	674	16,838	17,512	40
1966	24,400	0.63951	15,604	40	166	83	696	14,990	15,686	41
1967	25,627	0.67745	17,361	41	112	125	156	17,193	17,349	40
1968	25,397	0.67449	17,130	40	89	151	166	16,897	17,063	45
1969	27,604	0.71040	19,610	45	153	170	202	19,388	19,590	48
1970	27,345	0.69062	18,885	48	170	169	210	18,675	18,885	49
1971	27,545	0.67642	18,632	49	229	103	218	18,538	18,756	51
1972	23,821	0.63243	15,065	51	237	82	155	15,070	15,225	46
1973	26,835	0.69089	18,540	46	478	35	394	18,589	18,983	46
1974	26,451	0.81978	21,684	46	329	11	263	21,738	22,001	47
1975	24,131	0.80428	19,408	47	384	6	288	19,483	19,771	62
1976	25,729	0.72436	18,637	62	404	6	378	18,662	19,040	57
1977	24,295	0.72591	17,636	57	533	1	515	17,602	18,117	108
1978	24,358	0.72904	17,758	108	517	0	289	17,840	18,129	254
1979	24,710	0.76139	18,814	254	681	0	459	19,009	19,468	281
1980	26,055	0.83270	21,696	281	975	0	509	22,142	22,651	301
1981	25,968	0.81693	21,214	301	1,122	0	592	21,776	22,368	269
1982	26,571	0.81946	21,774	269	834	0	646	21,884	22,530	347

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TABLE(15) EAST AFRICA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	4,410	1.08753	4,796	108	2	388	50	4,374	4,424	94
1961	6,847	0.97210	6,656	94	180	294	50	6,543	6,593	43
1962	6,956	0.95587	6,649	43	81	188	50	6,477	6,527	58
1963	7,341	0.93570	6,869	58	61	95	50	6,776	6,826	67
1964	6,933	0.98370	6,820	67	112	52	100	6,775	6,875	72
1965	7,883	0.91044	7,177	72	322	388	50	6,978	7,028	155
1966	8,553	1.05413	9,016	155	58	858	100	8,119	8,219	152
1967	7,900	1.03835	8,203	152	32	641	50	7,457	7,507	239
1968	8,057	1.10289	8,886	239	21	1,253	100	7,668	7,768	125
1969	8,077	0.98737	7,975	125	114	346	100	7,627	7,727	141
1970	8,191	1.05140	8,612	141	188	798	200	7,687	7,887	256
1971	8,485	1.09676	9,306	256	189	910	210	7,626	7,836	1,005
1972	8,099	1.05186	8,519	1,005	106	646	156	8,051	8,207	777
1973	8,042	1.15233	9,267	777	369	1,044	251	8,114	8,365	1,004
1974	8,171	1.06303	8,686	1,004	304	878	248	8,120	8,368	748
1975	8,301	1.12818	9,365	748	186	551	270	8,452	8,722	1,026
1976	8,773	1.10088	9,658	1,026	73	479	330	8,377	8,707	1,571
1977	8,977	1.10739	9,941	1,571	84	583	434	8,898	9,332	1,681
1978	8,652	1.07027	9,260	1,681	163	513	780	9,110	9,890	701
1979	8,794	1.01694	8,943	701	844	90	483	9,527	10,010	388
1980	9,173	1.10782	10,162	388	1,058	364	470	9,192	9,662	1,582
1981	9,724	1.09615	10,659	1,582	772	605	500	10,223	10,723	1,685
1982	9,550	1.02576	9,796	1,685	681	416	365	10,551	10,916	830

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TABLE(16) PEOPLE REPUBLIC OF CHINA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	38,285	0.79519	30,444	0	693	31	.	.	31,106	0
1961	39,515	0.94233	37,236	0	1,188	3	.	.	38,421	0
1962	39,597	1.13236	44,838	0	339	19	.	.	45,158	0
1963	39,623	1.19683	47,422	0	790	98	.	.	48,114	0
1964	39,641	1.26200	50,027	0	325	285	.	.	50,067	0
1965	39,664	1.29170	51,234	0	62	233	.	.	51,063	0
1966	39,683	1.41572	56,180	0	64	123	.	.	56,121	0
1967	39,711	1.62683	64,603	0	113	26	.	.	64,690	0
1968	39,716	1.50121	59,622	0	1	36	.	.	59,587	0
1969	39,733	1.48615	59,049	0	1	1	.	.	59,049	0
1970	39,746	1.62389	64,543	0	0	31	.	.	64,512	0
1971	39,756	1.61825	64,335	0	413	99	.	.	64,649	0
1972	39,673	1.50006	59,512	0	955	59	.	.	60,408	0
1973	39,892	1.59699	63,707	0	2,058	61	.	.	65,704	0
1974	40,118	1.65592	66,432	0	496	72	.	.	66,856	0
1975	40,623	1.69695	68,935	0	0	115	.	.	68,820	0
1976	33,999	2.07477	70,540	0	0	50	.	.	70,490	0
1977	33,900	2.08555	70,700	0	59	0	.	.	70,759	0
1978	33,500	2.36119	79,100	0	3,099	0	.	.	82,199	0
1979	33,708	2.46485	83,085	0	2,032	0	.	.	85,117	0
1980	32,518	2.58995	84,220	0	851	0	.	.	85,071	0
1981	31,125	2.59614	80,805	0	1,300	0	.	.	82,105	0
1982	30,530	2.81690	86,000	0	2,700	0	.	.	88,700	0

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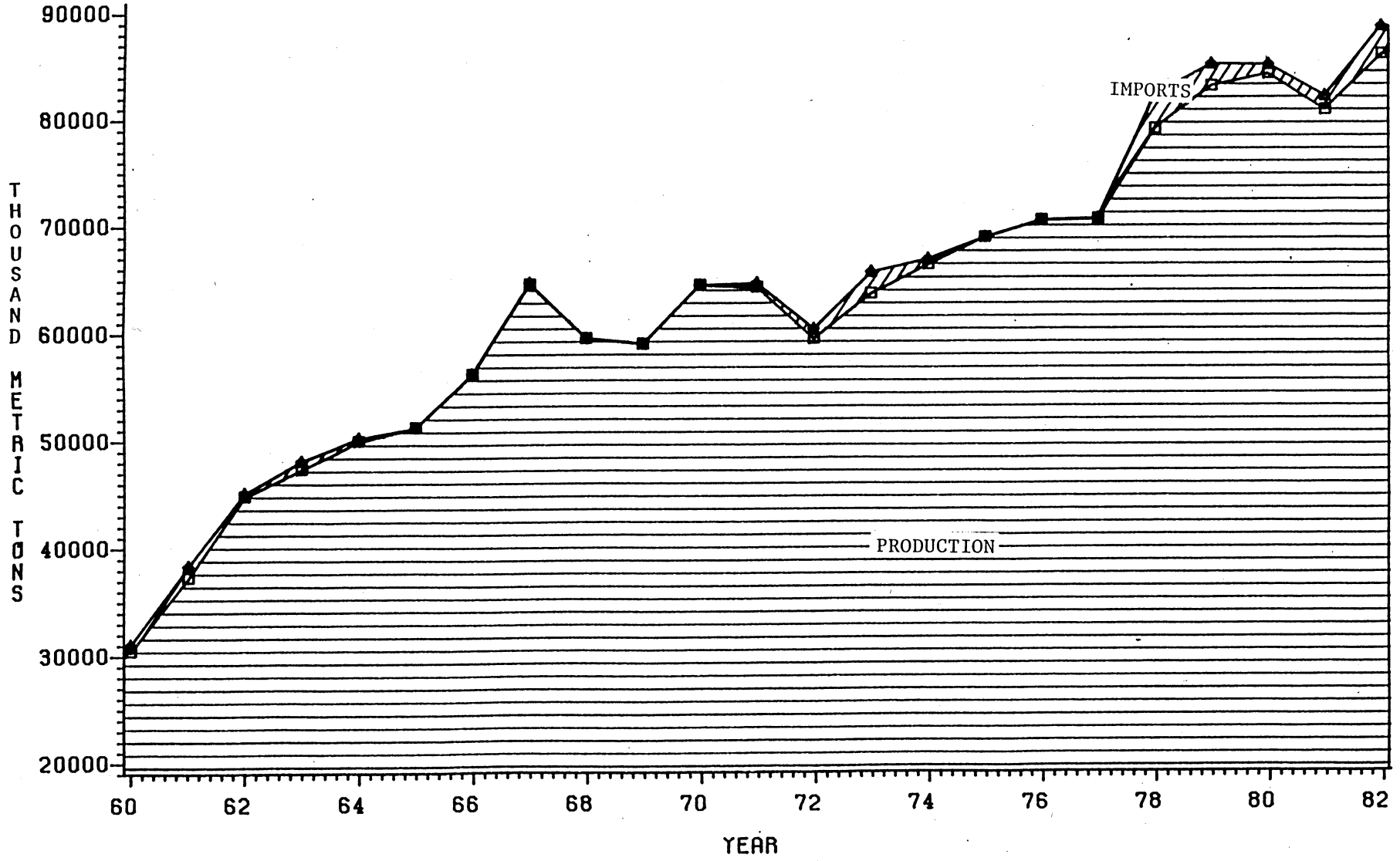
PEOPLES REPUBLIC OF CHINA

COARSE GRAIN SUPPLY 1960-1982



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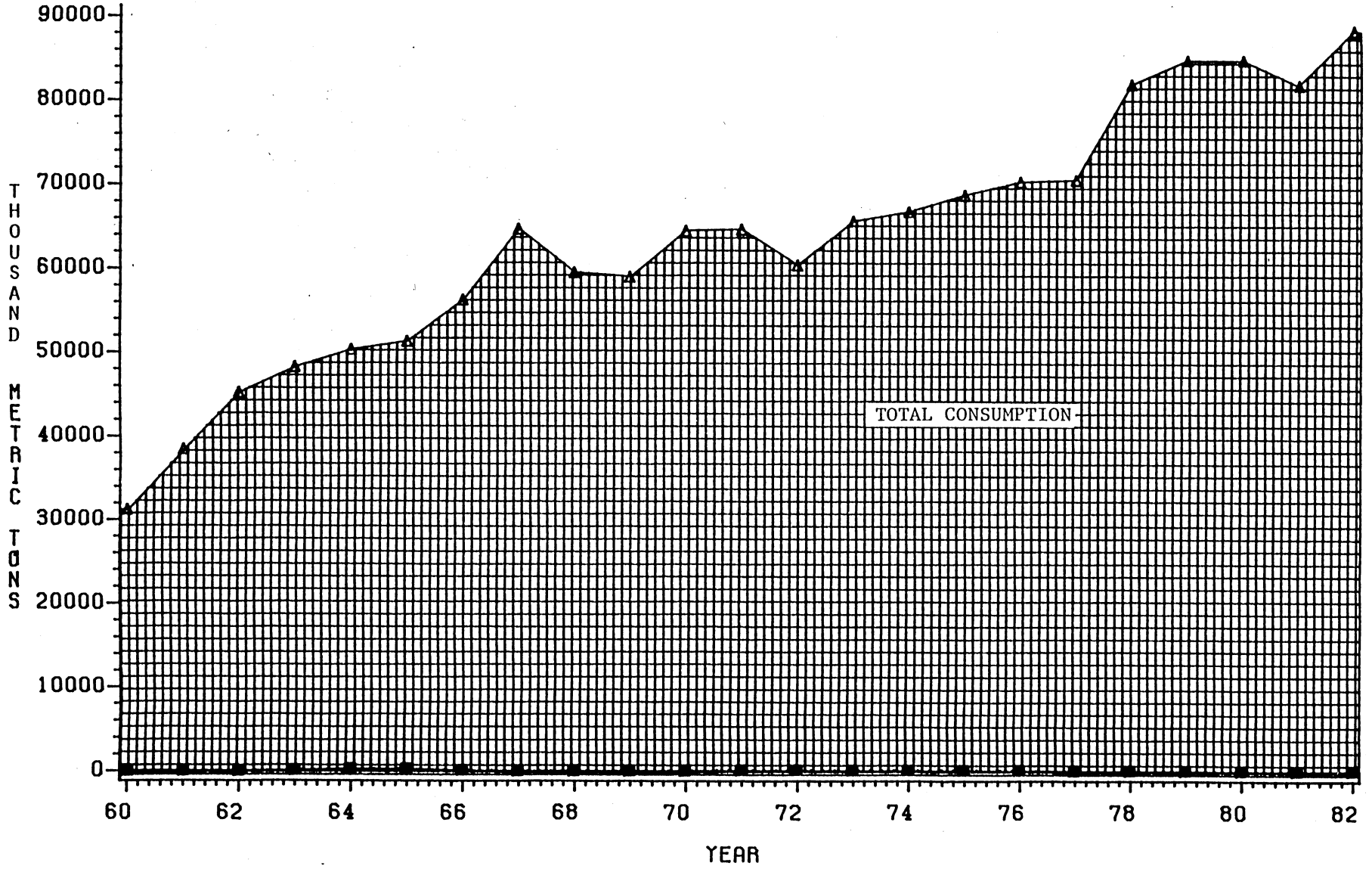
COARSE GRAIN UTILIZATION 1960–1982



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TABLE(17) JAPAN SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	1,013	2.62290	2,657	492	1,878	0	2,651	1,862	4,513	514
1961	862	2.70650	2,333	514	2,437	0	3,309	1,397	4,706	578
1962	778	2.61954	2,038	578	2,949	0	3,805	1,227	5,032	533
1963	711	1.49789	1,065	533	4,568	0	4,469	1,162	5,631	535
1964	611	2.37480	1,451	535	5,100	0	4,867	1,648	6,515	571
1965	536	2.76306	1,481	571	5,192	0	4,869	1,734	6,603	641
1966	477	2.72117	1,298	641	7,163	0	6,806	1,751	8,557	545
1967	433	2.80831	1,216	545	7,747	2	6,892	1,912	8,804	702
1968	386	3.06995	1,185	702	8,517	7	7,627	1,977	9,604	793
1969	340	2.74412	933	793	10,050	4	8,817	1,951	10,768	1,004
1970	270	2.51111	678	1,004	10,476	0	9,261	1,855	11,116	1,042
1971	211	2.87204	606	1,042	10,274	0	9,112	2,194	11,306	616
1972	162	2.58025	418	616	12,048	0	10,161	1,759	11,920	1,162
1973	112	2.55357	286	1,162	14,111	0	11,922	1,858	13,780	1,779
1974	105	2.80000	294	1,779	13,116	0	11,535	1,783	13,318	1,871
1975	97	2.72165	264	1,871	13,535	0	11,906	2,231	14,137	1,533
1976	96	2.57292	247	1,533	15,894	0	13,186	2,522	15,708	1,966
1977	89	2.60674	232	1,966	16,954	0	14,424	2,443	16,867	2,285
1978	109	3.22018	351	2,285	17,871	0	15,639	2,474	18,113	2,394
1979	124	3.42742	425	2,394	18,888	0	16,354	2,829	19,183	2,524
1980	125	3.12000	390	2,524	18,863	0	16,145	3,086	19,231	2,546
1981	128	3.10938	398	2,546	18,319	0	15,944	3,340	19,284	1,979
1982	128	3.16406	405	1,979	18,697	0	15,653	3,382	19,035	2,046

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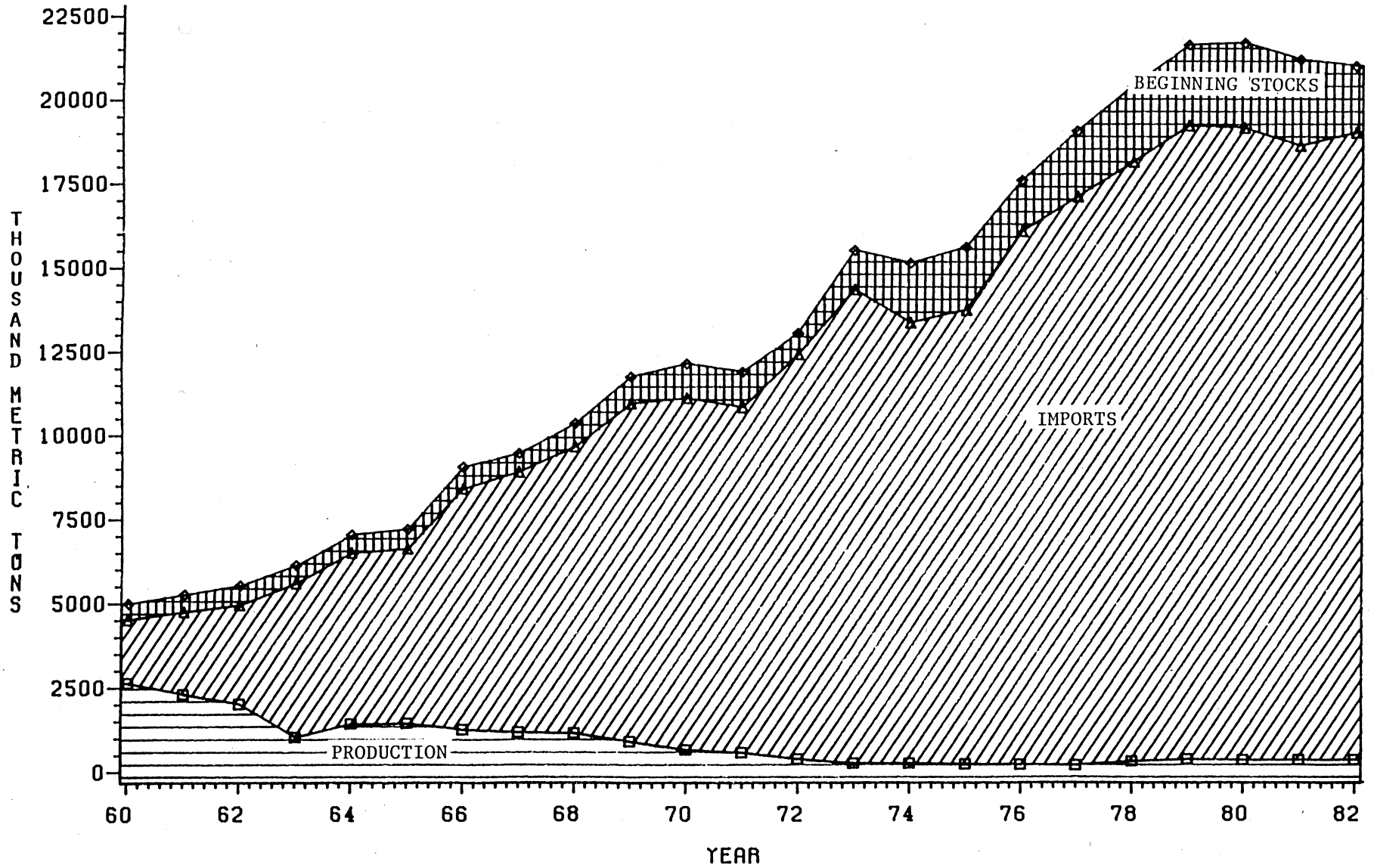
JAPAN

COARSE GRAIN SUPPLY 1960–1982



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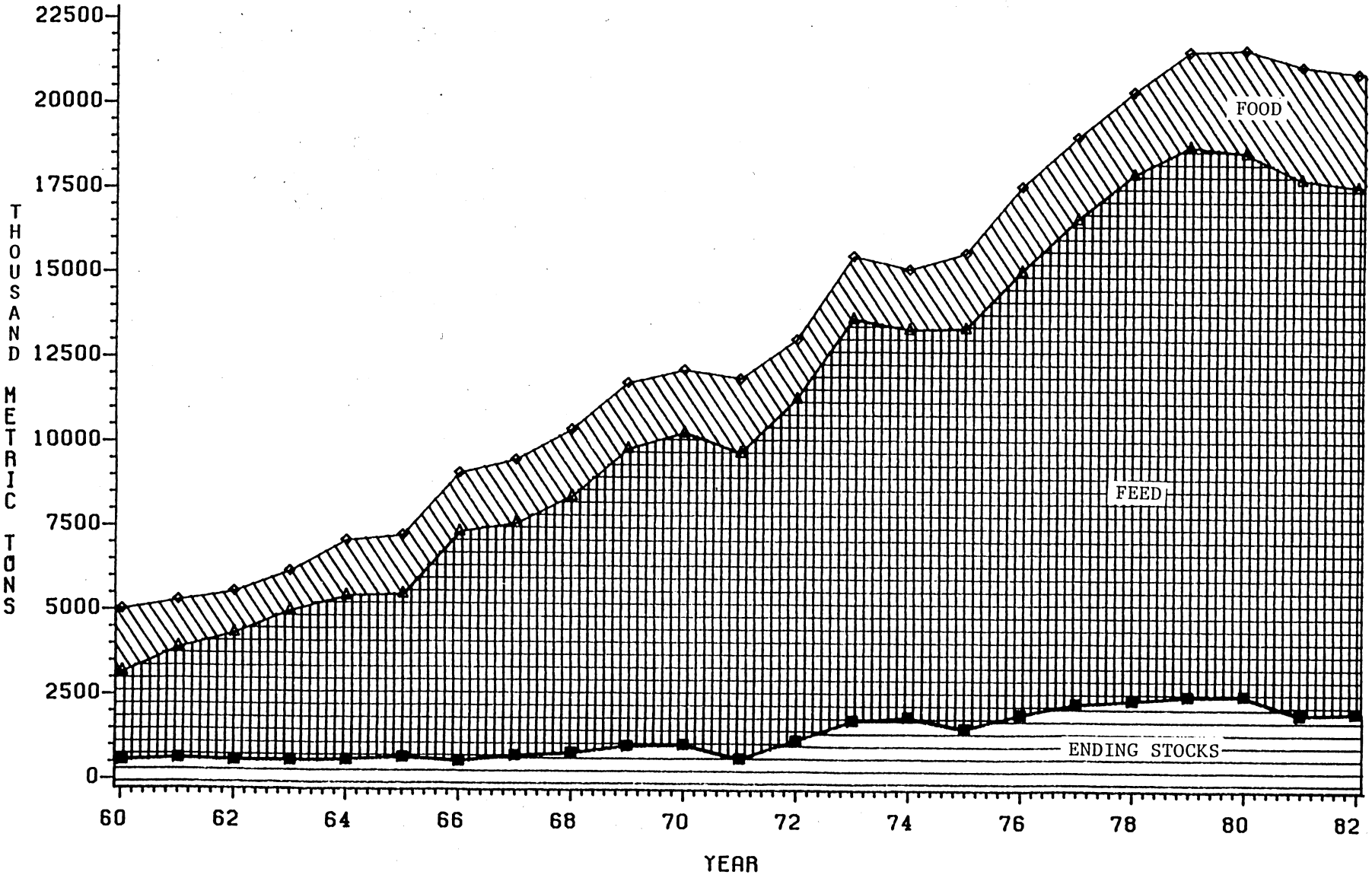
COARSE GRAIN UTILIZATION 1960–1982



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TABLE(18) INDIA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	45,136	0.52543	23,716	4,445	191	0	290	23,125	23,415	4,937
1961	44,618	0.51320	22,898	4,937	91	0	280	23,160	23,440	4,486
1962	44,587	0.56911	25,375	4,486	110	0	285	24,050	24,335	5,636
1963	44,172	0.54632	24,132	5,636	107	0	275	24,000	24,275	5,600
1964	44,445	0.56040	24,907	5,600	190	0	285	24,862	25,147	5,550
1965	44,385	0.48575	21,560	5,550	1,163	0	300	23,323	23,623	4,650
1966	44,907	0.53638	24,087	4,650	2,237	0	310	24,564	24,874	6,100
1967	46,787	0.59078	27,641	6,100	1,314	0	340	27,865	28,205	6,850
1968	46,858	0.56048	26,263	6,850	56	0	345	26,924	27,269	5,900
1969	47,234	0.57152	26,995	5,900	314	0	303	28,406	28,709	4,500
1970	46,159	0.66030	30,479	4,500	15	0	795	31,199	31,994	3,000
1971	43,676	0.56791	24,804	3,000	0	0	775	24,729	25,504	2,300
1972	42,217	0.55279	23,337	2,300	836	0	745	23,728	24,473	2,000
1973	46,040	0.62635	28,837	2,000	828	0	1,020	28,045	29,065	2,600
1974	42,917	0.59102	25,365	2,600	286	0	870	25,381	26,251	2,000
1975	43,881	0.69169	30,352	2,000	670	0	1,230	27,492	28,722	4,300
1976	42,501	0.69944	29,727	4,300	47	34	1,380	28,460	29,840	4,200
1977	42,519	0.70667	30,047	4,200	0	11	1,555	28,981	30,536	3,700
1978	42,402	0.72183	30,607	3,700	6	0	1,930	29,583	31,513	2,800
1979	41,419	0.66363	27,487	2,800	16	44	1,420	27,189	28,609	1,650
1980	41,451	0.68691	28,473	1,650	10	15	1,720	26,698	28,418	1,700
1981	42,273	0.74251	31,388	1,700	0	54	1,820	29,514	31,334	1,700
1982	40,470	0.69012	27,929	1,700	0	3	1,870	26,456	28,326	1,300

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TABLE(19) SOUTH ASIA(OTHER) SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	3,385	0.93826	3,176	15	1	0	114	3,063	3,177	15
1961	3,459	0.95924	3,318	15	4	0	127	3,197	3,324	13
1962	3,440	0.98052	3,373	13	31	0	128	3,272	3,400	17
1963	3,370	1.00208	3,377	17	10	0	127	3,257	3,384	20
1964	3,618	0.96379	3,487	20	0	0	152	3,337	3,489	18
1965	3,635	0.94443	3,433	18	0	0	143	3,288	3,431	20
1966	3,582	0.95338	3,415	20	136	0	150	3,407	3,557	14
1967	3,630	0.99972	3,629	14	303	5	173	3,748	3,921	20
1968	3,380	1.00621	3,401	20	7	5	141	3,264	3,405	18
1969	3,326	1.05382	3,505	18	5	5	152	3,352	3,504	19
1970	3,531	1.01161	3,572	19	3	11	156	3,338	3,494	89
1971	3,453	0.98262	3,393	89	3	13	156	3,194	3,350	122
1972	3,343	1.03290	3,453	122	25	21	343	3,112	3,455	124
1973	3,629	1.04381	3,788	124	60	53	333	3,418	3,751	168
1974	3,500	1.04114	3,644	168	20	3	291	3,410	3,701	128
1975	3,604	1.04107	3,752	128	20	23	314	3,563	3,877	0
1976	3,669	1.02180	3,749	0	20	3	0	3,766	3,766	0
1977	3,681	1.02336	3,767	0	20	3	0	3,784	3,784	0
1978	3,521	1.05396	3,711	0	41	3	15	3,734	3,749	0
1979	3,403	1.08639	3,697	0	31	0	13	3,715	3,728	0
1980	3,244	1.12885	3,662	0	4	18	8	3,640	3,648	0
1981	3,499	1.07917	3,776	0	3	16	6	3,757	3,763	0
1982	3,441	1.09881	3,781	0	6	0	7	3,780	3,787	0

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TABLE(20) THAILAND SUPPLY/UTILIZATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	285	1.90877	544	375	.	519	2	8	10	390
1961	298	2.00671	598	390	.	589	4	11	15	384
1962	321	2.07165	665	384	.	722	4	11	15	312
1963	392	2.20918	866	312	.	923	10	15	25	230
1964	550	1.73636	955	230	.	909	10	16	26	250
1965	591	1.85110	1,094	250	.	1,186	11	20	31	127
1966	646	1.91331	1,236	127	.	1,283	18	21	39	41
1967	641	2.16069	1,385	41	.	1,308	27	31	58	60
1968	641	2.45242	1,572	60	.	1,343	51	60	111	178
1969	718	2.47214	1,775	178	.	1,559	92	104	196	198
1970	867	2.35063	2,038	198	.	1,743	113	117	230	263
1971	1,066	2.28424	2,435	263	.	2,242	137	139	276	180
1972	1,113	1.28931	1,435	180	.	1,136	150	157	307	172
1973	1,162	2.16867	2,520	172	.	2,319	172	184	356	17
1974	1,426	1.94951	2,780	17	.	2,186	285	255	540	71
1975	1,514	2.08917	3,163	71	.	2,556	381	69	450	228
1976	1,514	1.93197	2,925	228	.	2,281	534	210	744	128
1977	1,395	1.34552	1,877	128	.	1,321	438	134	572	112
1978	1,606	1.88107	3,021	112	.	2,252	590	198	788	93
1979	1,654	2.15236	3,560	93	.	2,339	849	305	1,154	160
1980	1,684	2.10808	3,550	160	.	2,397	1,129	69	1,198	115
1981	1,950	2.40000	4,680	115	.	3,495	1,102	42	1,144	156
1982	2,070	1.82126	3,770	156	.	2,358	1,209	47	1,256	312

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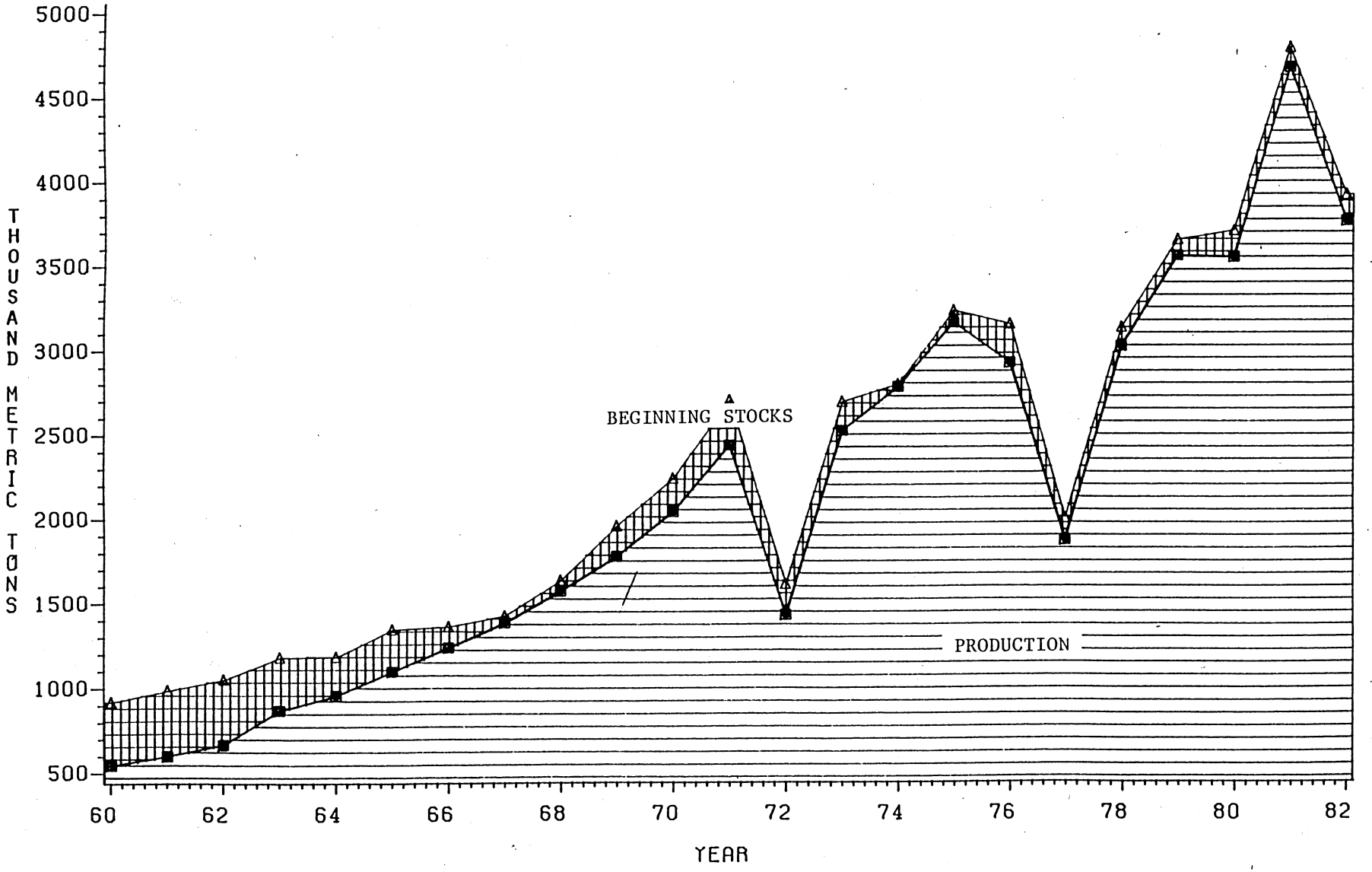
THAILAND

COARSE GRAIN SUPPLY 1960–1982



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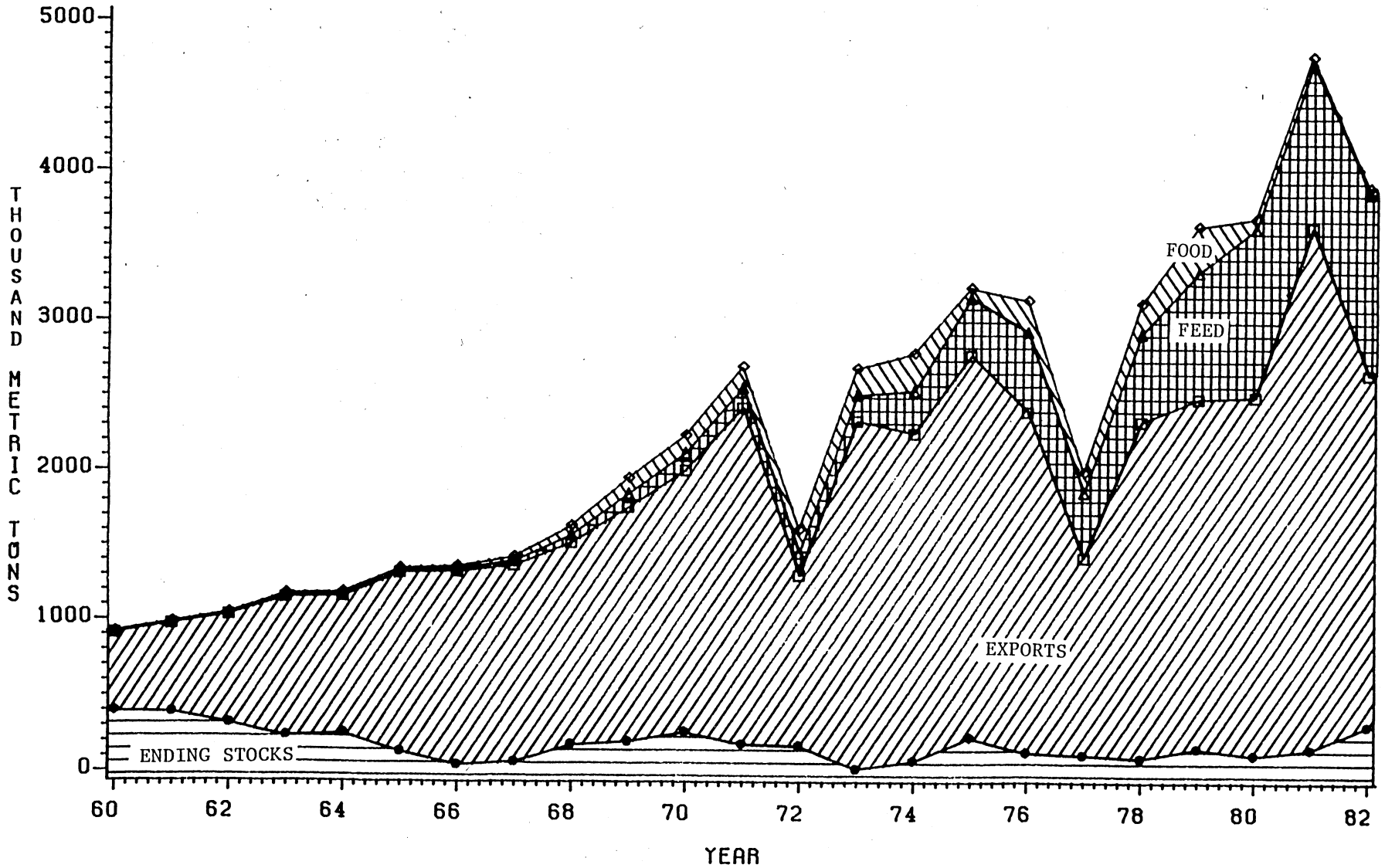
COARSE GRAIN UTILIZATION 1960–1982



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TABLE(21) SOUTH EAST ASIA(OTHER) SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	217	1.32258	287	.	.	165	.	0	122	0
1961	238	1.10924	264	.	.	120	.	0	144	0
1962	327	0.92355	302	.	.	161	.	0	141	0
1963	351	0.93732	329	.	.	94	.	0	235	0
1964	359	0.68802	247	.	.	111	.	0	136	0
1965	310	0.72258	224	.	.	116	.	0	108	0
1966	358	0.68156	244	.	.	120	.	0	124	0
1967	366	0.66940	245	.	.	90	.	0	155	0
1968	342	0.65205	223	.	.	83	.	0	140	0
1969	287	0.89895	258	.	.	64	.	0	194	0
1970	247	0.97976	242	.	.	48	.	0	194	0
1971	256	0.78906	202	.	.	13	.	0	189	0
1972	251	0.71713	180	.	.	0	.	0	180	0
1973	227	0.81498	185	.	.	4	.	0	181	0
1974	233	0.81545	190	.	.	5	.	0	185	0
1975	207	0.90338	187	.	.	4	.	0	183	0
1976	186	1.09140	203	.	.	6	.	0	197	0
1977	231	1.01299	234	.	.	10	.	0	224	0
1978	340	0.63235	215	.	.	0	.	0	215	0
1979	345	0.63768	220	.	.	0	.	0	220	0
1980	396	0.76263	302	.	.	19	.	0	283	0
1981	414	0.83333	345	.	.	7	.	0	338	0
1982	456	0.93202	425	.	.	8	.	0	393	24

TABLE(22) INDONESIA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	2,640	0.93182	2,460	0	0	0	145	2,315	2,460	0
1961	2,462	0.92729	2,283	0	0	0	135	2,148	2,283	0
1962	3,175	1.02142	3,243	0	0	0	195	3,048	3,243	0
1963	2,559	0.92145	2,358	0	0	0	140	2,218	2,358	0
1964	3,646	1.03374	3,769	0	0	0	225	3,544	3,769	0
1965	2,507	0.94336	2,365	0	0	5	140	2,220	2,360	0
1966	3,778	0.98385	3,717	0	0	86	225	3,406	3,631	0
1967	2,547	0.93011	2,369	0	0	159	140	2,070	2,210	0
1968	3,220	0.98323	3,166	0	0	66	190	2,910	3,100	0
1969	2,435	0.94168	2,293	0	0	156	140	1,997	2,137	0
1970	2,939	0.96121	2,825	0	0	286	170	2,369	2,539	0
1971	2,627	0.99201	2,606	0	0	219	250	2,137	2,387	0
1972	2,160	1.04352	2,254	0	5	80	300	1,879	2,179	0
1973	3,433	1.07486	3,690	0	142	181	365	3,286	3,651	0
1974	2,667	1.12898	3,011	0	0	197	415	2,399	2,814	0
1975	2,445	1.18732	2,903	0	0	51	405	2,447	2,852	0
1976	2,095	1.22768	2,572	0	69	4	375	2,262	2,637	0
1977	2,567	1.22439	3,143	0	14	10	475	2,672	3,147	0
1978	3,025	1.33190	4,029	0	46	21	645	3,409	4,054	0
1979	2,594	1.39013	3,606	0	70	7	530	3,139	3,669	0
1980	2,735	1.45923	3,991	0	34	15	585	3,425	4,010	0
1981	2,955	1.52589	4,509	0	2	5	631	3,875	4,506	0
1982	2,064	1.55378	3,207	0	198	1	700	2,604	3,304	100

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TABLE(23) HIGH INCOME EAST ASIA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	828	1.48551	1,230	94	235	8	130	1,370	1,500	51
1961	840	1.60000	1,344	51	453	21	154	1,501	1,655	172
1962	866	1.47113	1,274	172	536	54	152	1,483	1,635	293
1963	915	0.99672	912	293	442	55	139	1,322	1,461	131
1964	965	1.47150	1,420	131	291	21	172	1,230	1,402	419
1965	1,029	1.59086	1,637	419	189	10	214	1,496	1,710	525
1966	946	1.91226	1,809	525	228	23	279	1,618	1,897	642
1967	958	1.95511	1,873	642	654	5	567	1,754	2,321	843
1968	947	2.00739	1,901	843	826	18	735	1,923	2,658	894
1969	876	2.04909	1,795	894	1,047	17	898	1,722	2,620	1,099
1970	810	2.10741	1,707	1,099	1,497	79	1,161	1,936	3,097	1,127
1971	821	2.16809	1,780	1,127	2,509	97	1,486	2,420	3,906	1,413
1972	769	2.10793	1,621	1,413	3,099	91	1,979	2,502	4,481	1,561
1973	812	1.94951	1,583	1,561	2,994	129	1,742	2,538	4,280	1,729
1974	822	2.32847	1,914	1,729	2,712	160	1,761	2,679	4,440	1,755
1975	838	2.39976	2,011	1,755	3,689	142	2,574	2,747	5,321	1,992
1976	627	1.66667	1,045	1,992	4,489	76	3,393	2,286	5,679	1,771
1977	650	2.40769	1,565	1,771	5,696	215	4,294	2,519	6,813	2,004
1978	562	3.10676	1,746	2,004	7,549	164	6,489	2,286	8,775	2,360
1979	441	2.76190	1,218	2,360	6,613	326	5,991	2,314	8,305	1,560
1980	418	2.63158	1,100	1,560	7,218	339	6,224	1,942	8,166	1,373
1981	434	2.59217	1,125	1,373	9,385	1,559	7,081	2,082	9,163	1,161
1982	398	2.53518	1,009	1,161	9,657	449	8,612	1,774	10,386	992

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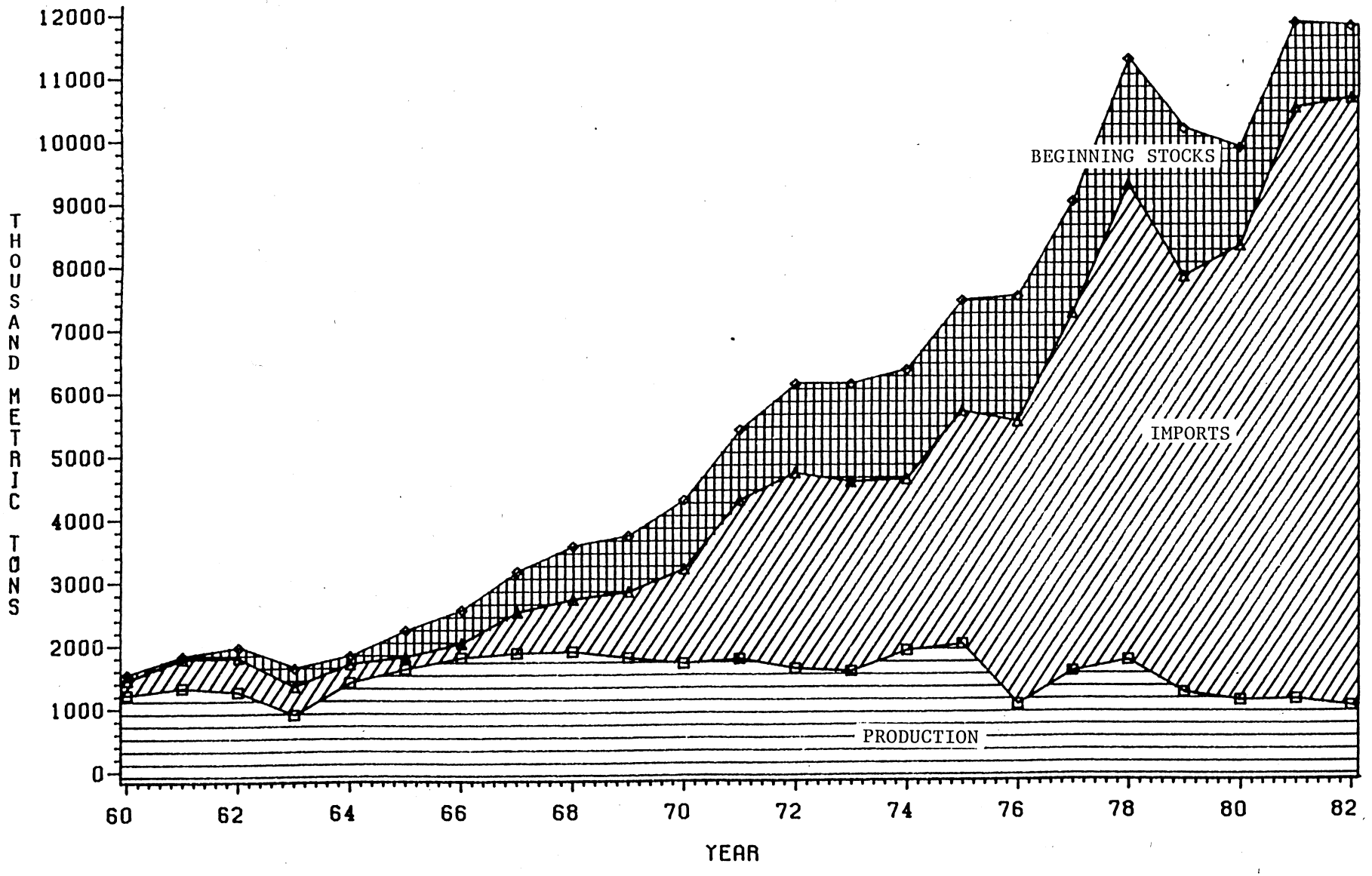
HIGH INCOME E. ASIA

COARSE GRAIN SUPPLY 1960-1982



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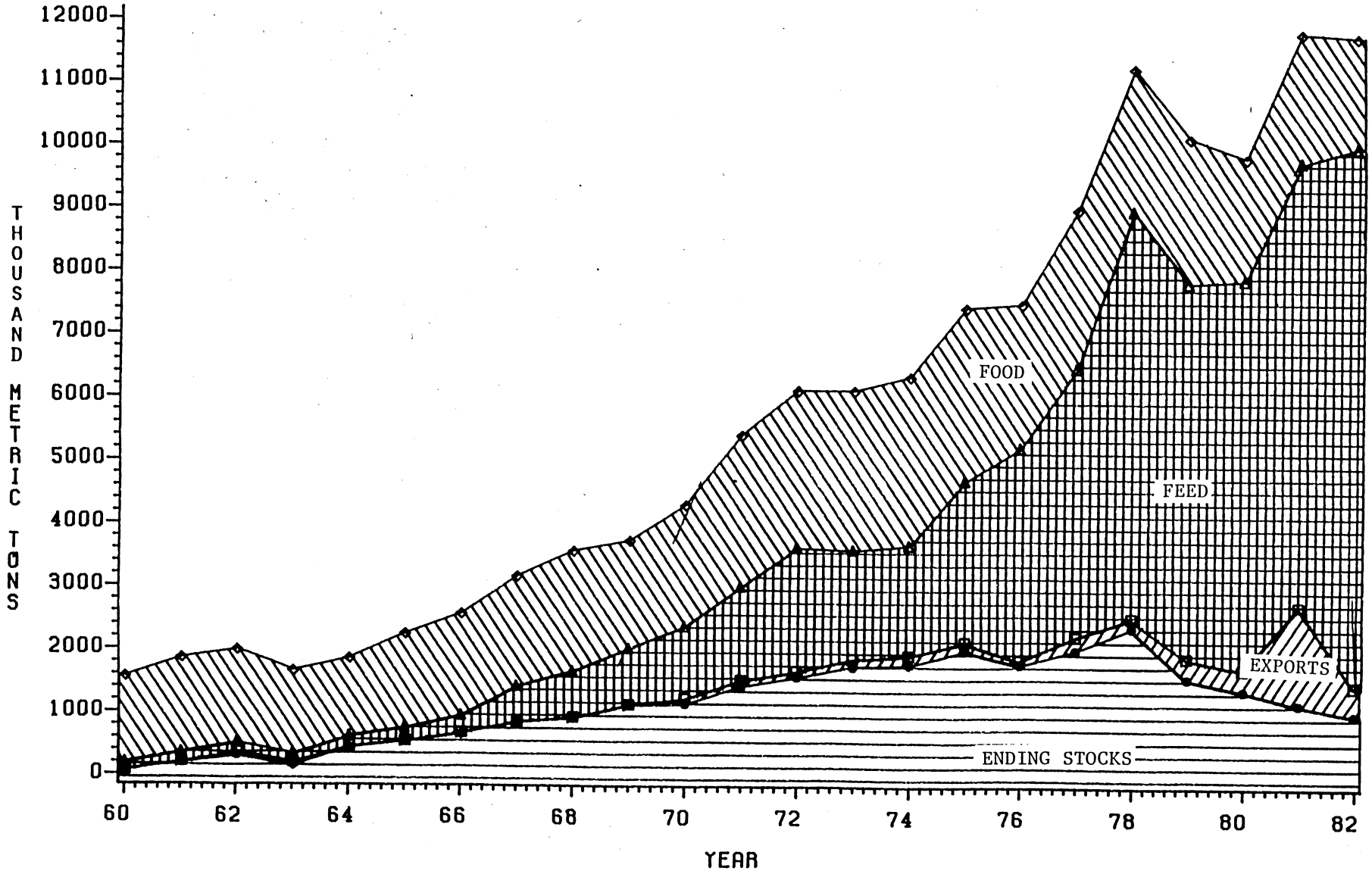
HIGH INCOME E. ASIA

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(24) LOW INCOME EAST ASIA(OTHER) SUPPLY/UTILISATION OF FEED GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	2,048	0.59375	1,216	57	129	7	423	908	1,331	64
1961	2,019	0.63001	1,272	64	174	12	464	963	1,427	71
1962	1,954	0.65558	1,281	71	166	7	500	938	1,438	73
1963	1,902	0.68454	1,302	73	94	0	435	965	1,400	69
1964	1,927	0.68552	1,321	69	46	0	416	941	1,357	79
1965	2,110	0.65782	1,388	79	74	0	447	978	1,425	116
1966	2,161	0.69273	1,497	116	100	0	467	1,009	1,476	237
1967	2,252	0.72291	1,628	237	82	0	540	1,071	1,611	336
1968	2,260	0.77080	1,742	336	124	0	647	1,147	1,794	408
1969	2,424	0.83168	2,016	408	135	0	719	1,313	2,032	527
1970	2,395	0.84008	2,012	527	199	0	715	1,501	2,216	522
1971	2,434	0.82909	2,018	522	363	0	831	1,531	2,362	541
1972	2,327	0.78857	1,835	541	372	2	779	1,588	2,367	379
1973	2,765	0.82929	2,293	379	319	0	839	1,716	2,555	436
1974	3,064	0.83975	2,573	436	396	0	1,011	1,960	2,971	434
1975	3,268	0.85496	2,794	434	399	0	1,373	1,819	3,192	435
1976	3,328	0.85637	2,850	435	479	0	1,448	1,845	3,293	471
1977	3,339	0.85684	2,861	471	556	2	1,615	1,897	3,512	374
1978	3,266	0.95224	3,110	374	685	1	1,866	1,899	3,765	403
1979	3,215	0.97760	3,143	403	711	1	2,093	1,889	3,982	274
1980	3,253	0.96219	3,130	274	1,084	1	2,394	1,784	4,178	309
1981	3,375	0.98074	3,310	309	1,083	0	2,575	1,790	4,365	337
1982	3,171	0.99212	3,146	337	1,347	0	2,751	1,744	4,495	335

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TABLE(25) AUSTRALIA SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	2,851	1.15153	3,283	35	0	1,347	1,183	753	1,936	35
1961	2,509	0.96851	2,430	35	0	776	1,016	633	1,649	40
1962	2,452	1.08564	2,662	40	0	616	1,308	738	2,046	40
1963	2,473	1.06915	2,644	40	0	608	1,254	787	2,041	35
1964	2,527	1.10685	2,797	35	2	658	1,311	830	2,141	35
1965	2,761	0.87070	2,404	35	1	729	1,021	670	1,691	20
1966	3,080	1.26526	3,897	20	7	702	1,716	966	2,682	540
1967	2,749	0.74682	2,053	540	17	460	1,073	710	1,783	367
1968	3,249	1.18221	3,841	367	34	938	1,202	830	2,032	1,272
1969	3,417	1.09014	3,725	1,272	12	1,208	1,456	961	2,417	1,384
1970	4,281	1.29035	5,524	1,384	1	2,916	1,588	788	2,376	1,617
1971	4,562	1.27795	5,830	1,617	1	2,780	2,680	928	3,608	1,060
1972	3,946	0.92625	3,655	1,060	3	1,372	2,384	452	2,836	510
1973	3,742	1.26350	4,728	510	2	2,485	1,683	442	2,125	630
1974	3,323	1.34005	4,453	630	3	2,867	1,261	446	1,707	512
1975	3,909	1.43489	5,609	512	6	3,675	1,247	508	1,755	697
1976	3,951	1.27841	5,051	697	6	2,741	1,701	522	2,223	790
1977	4,395	0.96974	4,262	790	22	1,584	1,997	727	2,724	766
1978	4,745	1.50158	7,125	766	9	3,244	2,250	916	3,166	1,490
1979	4,223	1.47052	6,210	1,490	3	3,889	1,995	928	2,923	891
1980	4,307	1.21268	5,223	891	10	2,374	2,103	954	3,057	693
1981	4,833	1.37161	6,629	693	15	2,953	3,080	878	3,958	426
1982	4,482	0.83735	3,753	426	32	900	2,065	688	2,753	558

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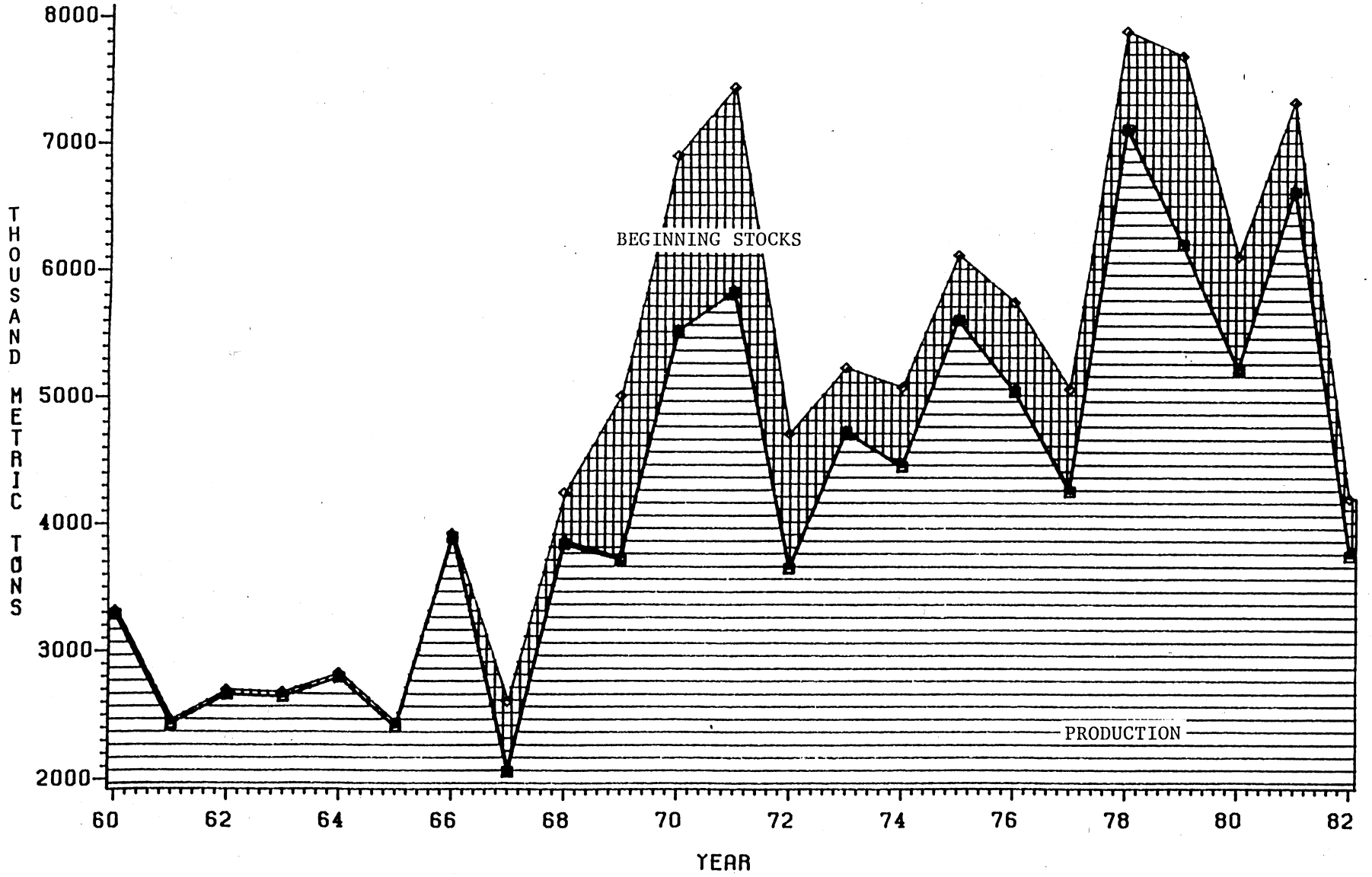
AUSTRALIA

COARSE GRAIN SUPPLY 1960–1982



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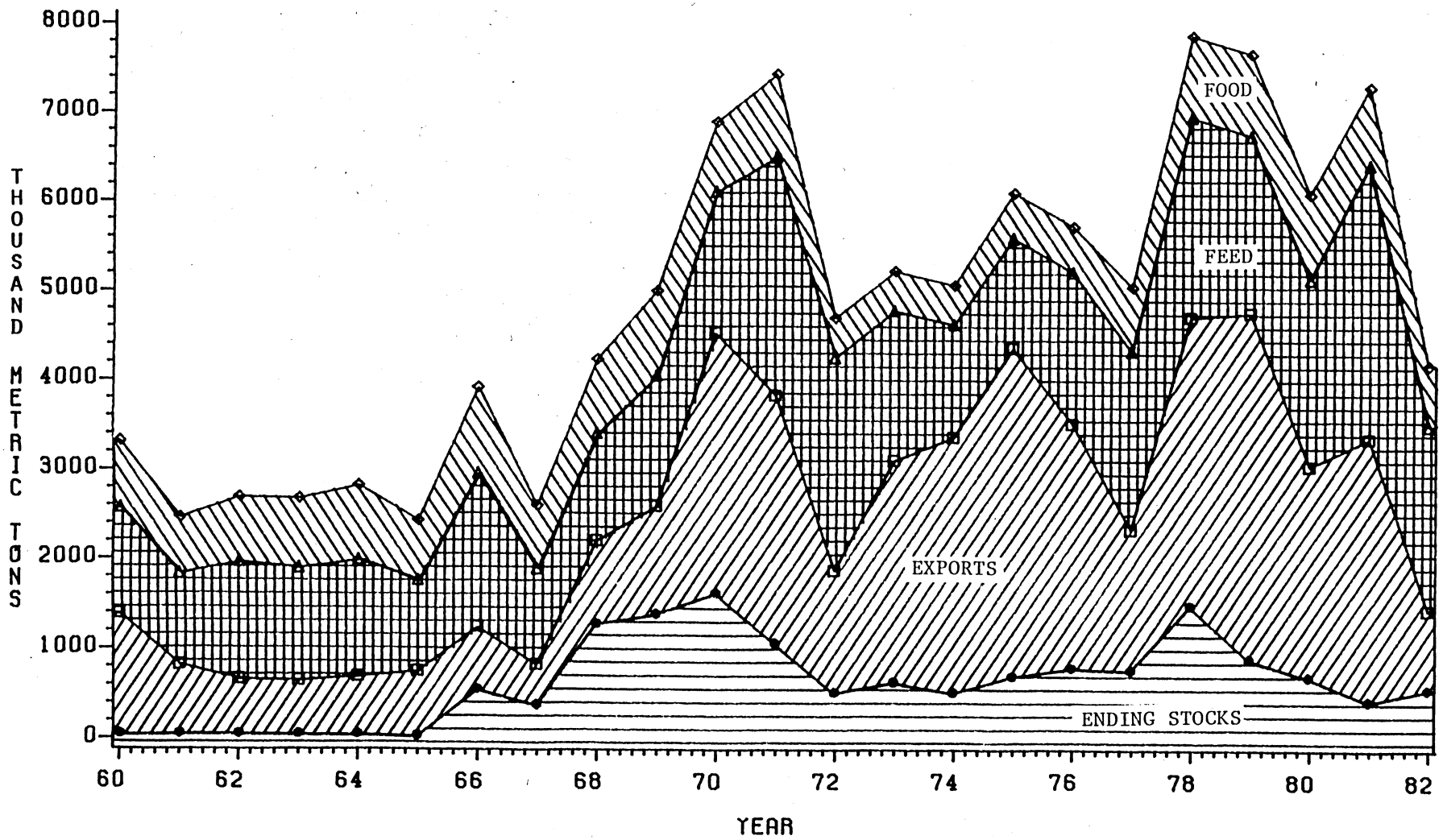
AUSTRALIA

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(26) NEWZEALAND SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	48	2.72917	131	0	0	0	108	23	131	0
1961	48	2.68750	129	0	0	0	106	23	129	0
1962	46	2.80435	129	0	0	0	103	26	129	0
1963	53	3.35849	178	0	2	0	145	35	180	0
1964	55	3.18182	175	0	3	0	147	31	178	0
1965	53	3.33962	177	0	0	0	145	32	177	0
1966	49	3.67347	180	0	0	0	144	36	180	0
1967	83	3.61446	300	0	2	3	241	58	299	0
1968	87	3.86207	336	0	2	2	275	61	336	0
1969	85	3.42353	291	0	13	0	252	52	304	0
1970	115	3.65217	420	0	24	0	379	65	444	0
1971	127	3.95276	502	0	13	23	382	96	478	14
1972	102	4.11765	420	14	14	0	339	77	416	32
1973	117	4.10256	480	32	13	0	340	113	453	72
1974	166	3.63855	604	72	0	77	380	121	501	98
1975	133	4.66165	620	98	0	0	298	172	470	248
1976	120	4.50000	540	248	0	99	308	152	460	229
1977	107	5.27103	564	229	0	71	319	172	491	231
1978	118	4.24576	501	231	0	70	315	135	450	212
1979	105	4.22857	444	212	0	114	297	126	423	119
1980	97	4.82474	468	119	0	75	275	100	375	137
1981	133	5.09774	678	137	0	33	336	121	457	325
1982	119	4.99160	594	325	0	71	331	118	449	399

TABLE(27) USSR SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	50,087	1.14660	57,430	5,000	153	1,961	30,569	25,053	55,622	5,000
1961	52,653	1.11967	58,954	5,000	24	3,072	30,478	25,428	55,906	5,000
1962	51,442	1.17649	60,521	5,000	5	2,537	30,681	26,308	56,989	6,000
1963	52,174	0.93198	48,625	6,000	127	2,037	24,894	22,821	47,715	5,000
1964	52,878	1.23055	65,069	5,000	2	1,555	30,621	25,895	56,516	12,000
1965	48,825	1.08455	52,953	12,000	23	2,249	30,702	24,025	54,727	8,000
1966	46,622	1.32429	61,741	8,000	186	845	38,769	23,313	62,082	7,000
1967	47,518	1.29656	61,610	7,000	361	994	38,972	23,005	61,977	6,000
1968	47,020	1.40687	66,151	6,000	530	1,100	40,172	24,409	64,581	7,000
1969	48,564	1.48073	71,910	7,000	134	1,112	44,303	27,629	71,932	6,000
1970	46,611	1.64929	76,875	6,000	271	1,080	48,610	27,456	76,066	6,000
1971	46,434	1.56454	72,648	6,000	4,298	896	51,430	24,620	76,050	6,000
1972	53,523	1.35445	72,494	6,000	6,950	374	52,603	26,467	79,070	6,000
1973	55,167	1.82992	100,951	6,000	6,481	882	69,617	35,933	105,550	7,000
1974	59,381	1.67973	99,744	7,000	2,730	1,000	67,647	32,827	100,474	8,000
1975	58,091	1.13305	65,820	8,000	15,550	0	56,451	27,919	84,370	5,000
1976	60,866	1.88905	114,979	5,000	5,700	2,000	78,114	37,565	115,679	8,000
1977	60,647	1.52629	92,565	8,000	11,713	1,000	72,998	35,280	108,278	3,000
1978	57,965	1.81720	105,334	3,000	9,921	1,020	77,647	35,588	113,235	4,000
1979	61,171	1.32661	81,150	4,000	18,400	0	70,414	29,136	99,550	4,000
1980	57,873	1.39143	80,526	4,000	18,000	0	63,638	35,888	99,526	3,000
1981	58,039	1.24055	72,000	3,000	25,500	0	68,400	30,100	98,500	2,000
1982	58,006	1.48261	86,000	2,000	11,300	0	68,700	29,600	98,300	1,000

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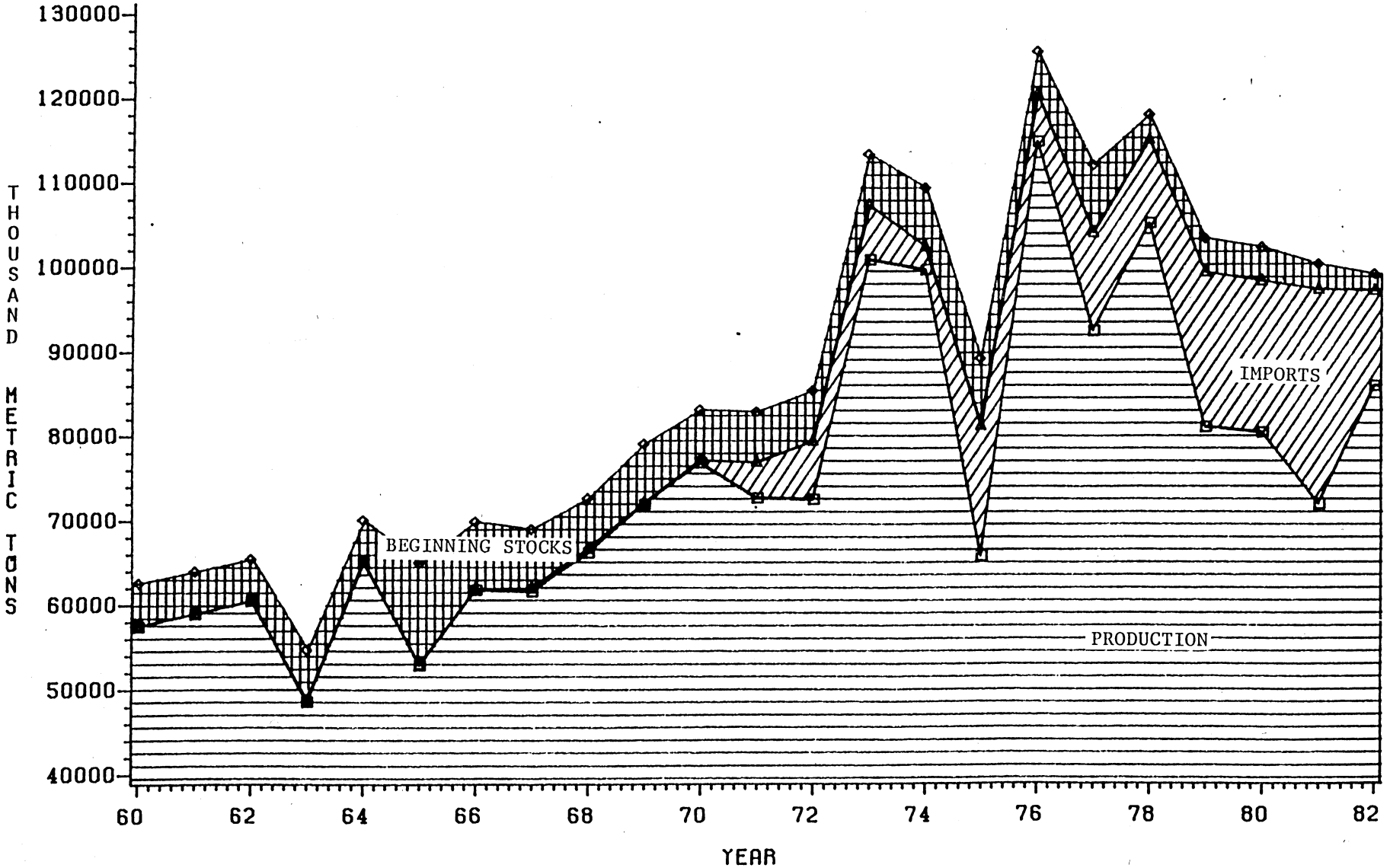
USSR

COARSE GRAIN SUPPLY 1960-1982



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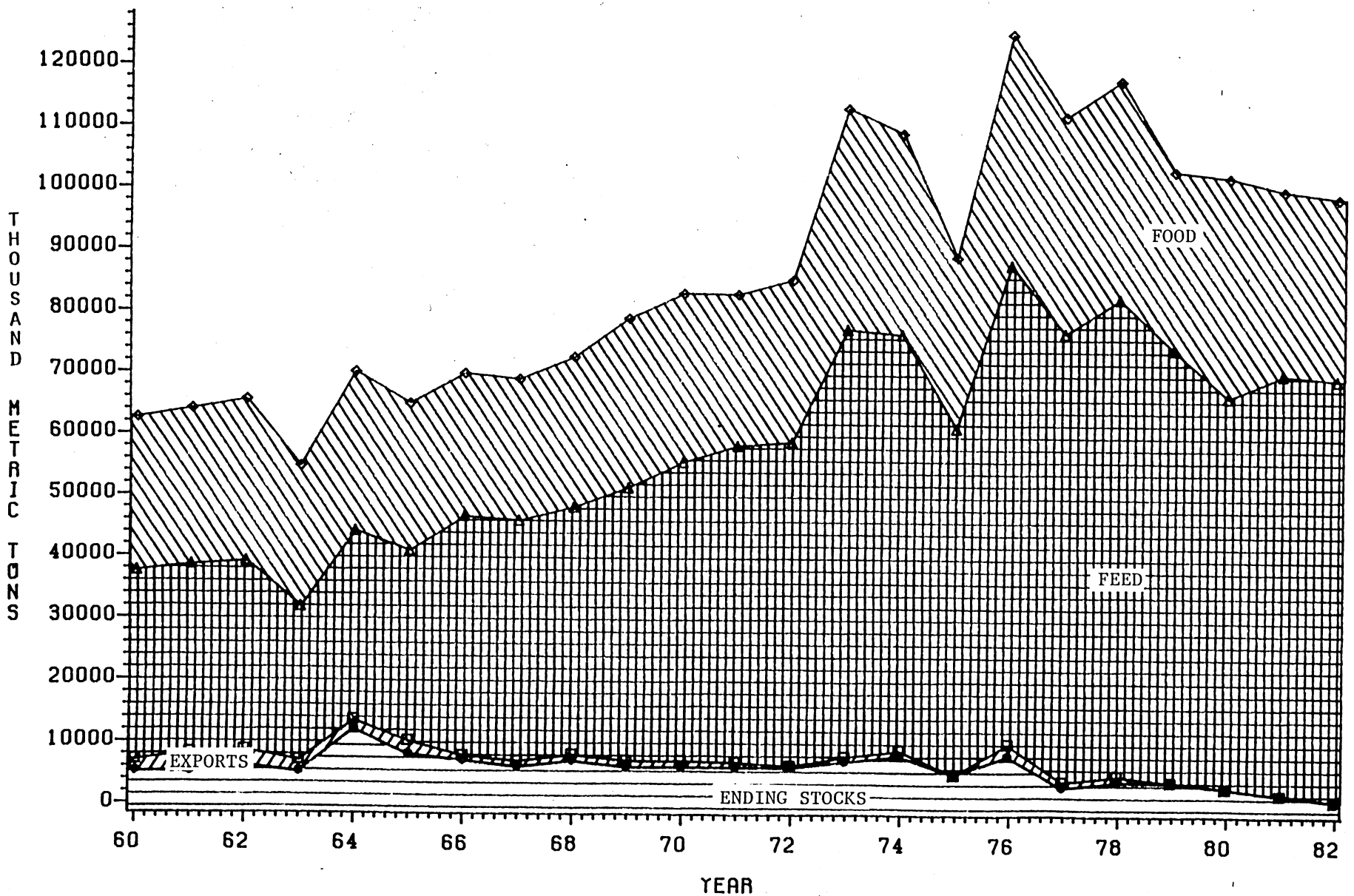
USSR

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(28) EC(10) SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	15,352	2.75730	42,330	6,362	14,562	2,613	43,060	11,201	54,261	6,380
1961	15,812	2.53055	40,013	6,380	18,423	3,273	44,474	11,458	55,932	5,611
1962	15,346	2.80659	43,070	5,611	18,474	2,688	46,344	11,617	57,961	6,506
1963	15,972	2.96682	47,386	6,506	19,378	4,380	48,968	12,926	61,894	6,996
1964	15,394	3.03579	46,733	6,996	19,445	4,761	50,091	12,317	62,408	6,005
1965	15,459	3.03629	46,938	6,005	23,599	5,612	51,345	12,916	64,261	6,669
1966	16,139	3.05930	49,374	6,669	22,513	6,215	52,740	13,034	65,774	6,967
1967	16,409	3.40965	55,949	6,567	21,952	6,251	58,092	13,770	71,862	6,355
1968	16,151	3.45192	55,752	6,355	19,992	7,705	54,472	13,011	67,483	6,911
1969	16,305	3.52137	57,416	6,911	20,512	8,545	56,087	13,719	69,806	6,488
1970	16,587	3.29758	54,697	6,488	24,250	8,524	56,339	14,478	70,817	6,094
1971	16,488	3.75079	61,843	6,094	22,954	10,843	57,619	16,527	74,146	5,902
1972	16,500	3.84339	63,416	5,902	23,615	10,928	58,593	17,249	75,842	6,163
1973	16,514	3.99855	66,032	6,163	27,861	13,780	61,739	17,905	79,644	6,632
1974	16,162	3.98738	64,444	6,632	25,737	11,130	59,528	18,273	77,801	7,882
1975	16,449	3.69633	60,801	7,882	26,657	12,413	60,081	17,703	77,784	5,143
1976	15,655	3.39879	53,208	5,143	32,572	9,503	58,462	17,795	76,257	5,163
1977	16,367	4.06061	66,460	5,163	24,978	13,311	59,397	18,221	77,618	5,672
1978	16,337	4.28953	70,078	5,672	24,316	13,152	60,668	19,109	79,777	7,137
1979	16,286	4.24457	69,127	7,137	22,611	13,316	60,100	18,983	79,083	6,476
1980	15,759	4.42268	69,697	6,476	20,810	14,251	57,561	18,448	76,009	6,723
1981	15,490	4.37579	67,781	6,723	19,834	14,382	55,399	18,514	73,913	6,043
1982	15,101	4.74181	71,606	6,043	16,785	15,010	53,457	18,594	72,051	7,373

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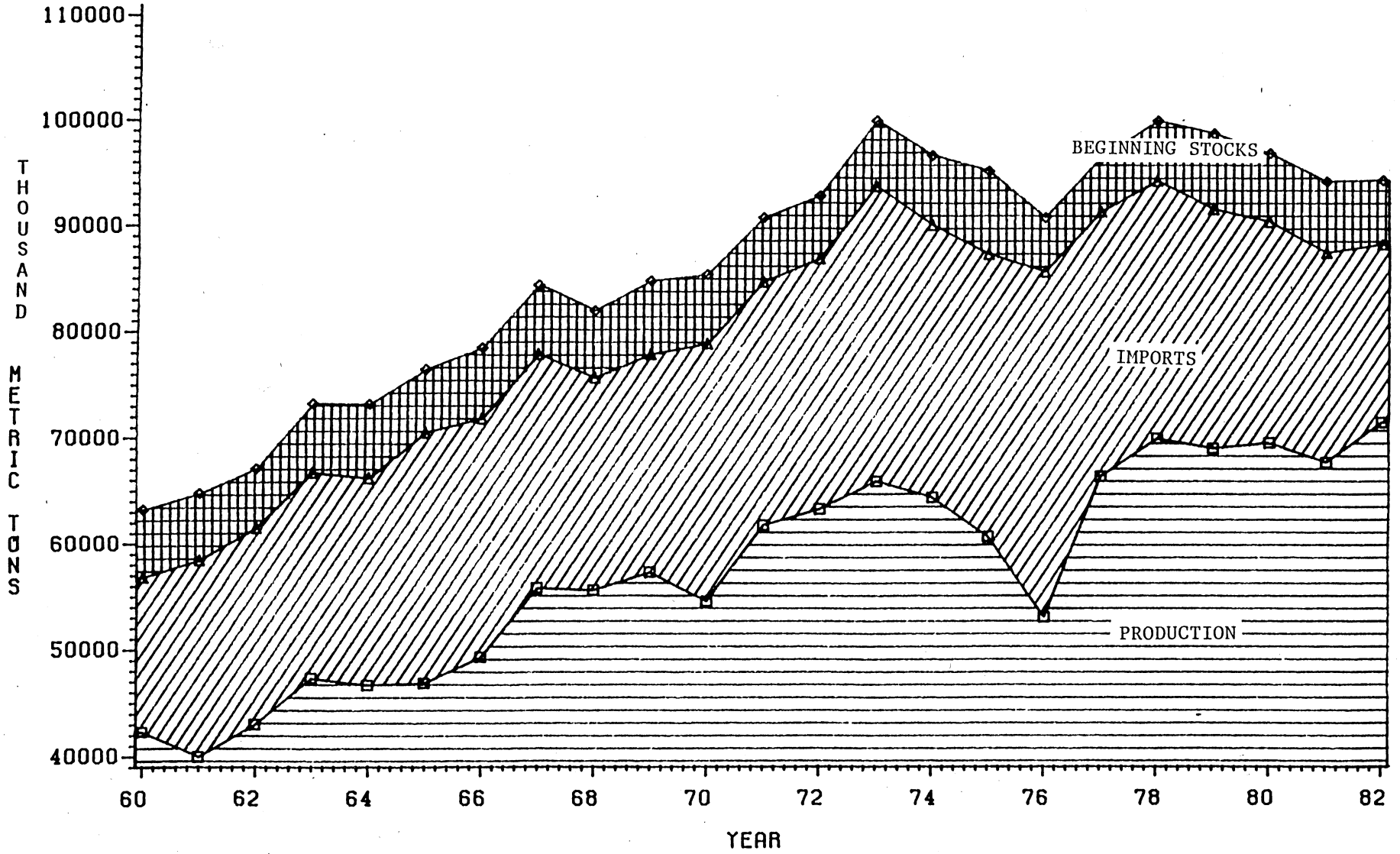
COARSE GRAIN SUPPLY 1960-1982



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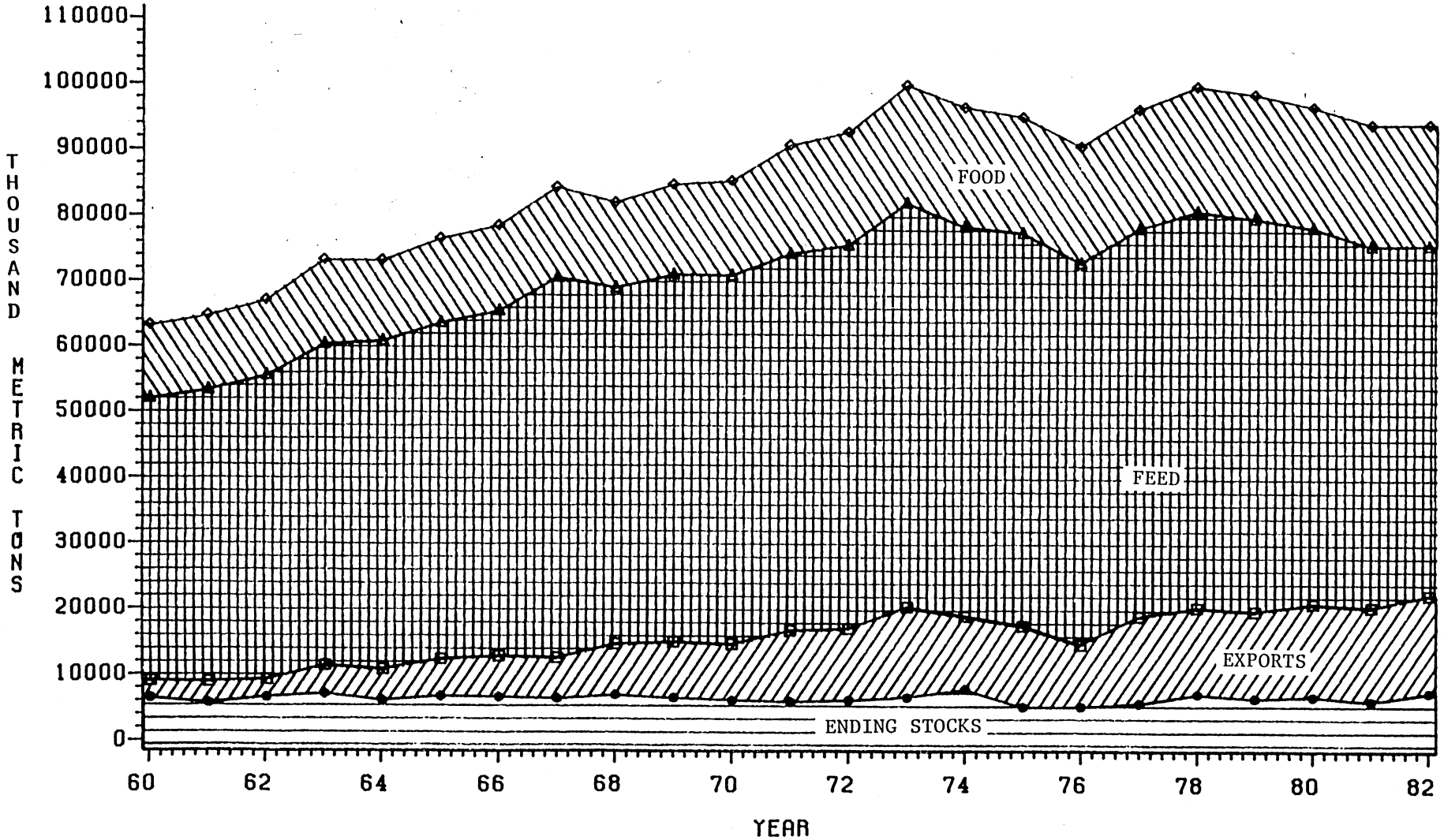
COARSE GRAIN UTILIZATION 1960–1982



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TABLE(29) OTHER WESTERN EUROPE SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	7,037	1.56999	11,048	1,325	2,065	152	10,054	2,560	12,614	1,672
1961	6,989	1.63815	11,449	1,672	1,818	563	10,385	2,650	13,035	1,341
1962	6,924	1.60211	11,093	1,341	3,072	263	11,006	2,715	13,721	1,522
1963	7,012	1.66999	11,710	1,522	3,566	315	12,473	2,600	15,073	1,410
1964	6,890	1.73933	11,984	1,410	3,391	309	12,512	2,608	15,120	1,356
1965	6,840	1.74649	11,946	1,356	5,391	242	14,249	2,701	16,950	1,501
1966	6,772	1.74823	11,839	1,501	5,460	350	14,489	2,625	17,114	1,336
1967	6,836	1.99078	13,609	1,336	4,857	433	15,103	2,711	17,814	1,555
1968	7,442	2.11368	15,730	1,555	4,394	655	16,839	2,394	19,233	1,791
1969	7,670	2.06897	15,869	1,791	4,144	413	16,582	3,125	19,707	1,684
1970	7,704	2.14226	16,504	1,684	4,702	766	17,071	3,298	20,369	1,755
1971	7,926	2.48070	19,662	1,755	4,692	1,122	19,135	3,473	22,608	2,379
1972	8,074	2.25737	18,226	2,379	5,609	1,010	19,806	3,429	23,235	1,969
1973	8,277	2.17796	18,027	1,969	7,324	194	21,690	3,548	25,238	1,888
1974	8,510	2.42503	20,637	1,888	7,573	613	22,340	3,576	25,916	3,569
1975	8,775	2.36353	20,740	3,569	7,897	492	22,315	3,954	26,269	5,445
1976	8,748	2.27766	19,925	5,445	8,025	604	24,626	3,813	28,439	4,352
1977	8,636	2.44743	21,136	4,352	9,026	525	25,274	3,838	29,112	4,877
1978	8,923	2.68531	23,961	4,877	8,263	912	27,224	3,966	31,190	4,999
1979	9,061	2.43295	22,045	4,999	9,843	688	28,316	3,817	32,133	4,066
1980	9,037	2.78367	25,156	4,066	8,908	1,398	27,954	4,034	31,988	4,744
1981	8,933	2.24225	20,030	4,744	12,625	704	27,723	3,966	31,689	5,006
1982	8,927	2.44886	21,861	5,006	10,442	948	27,191	4,055	31,246	5,115

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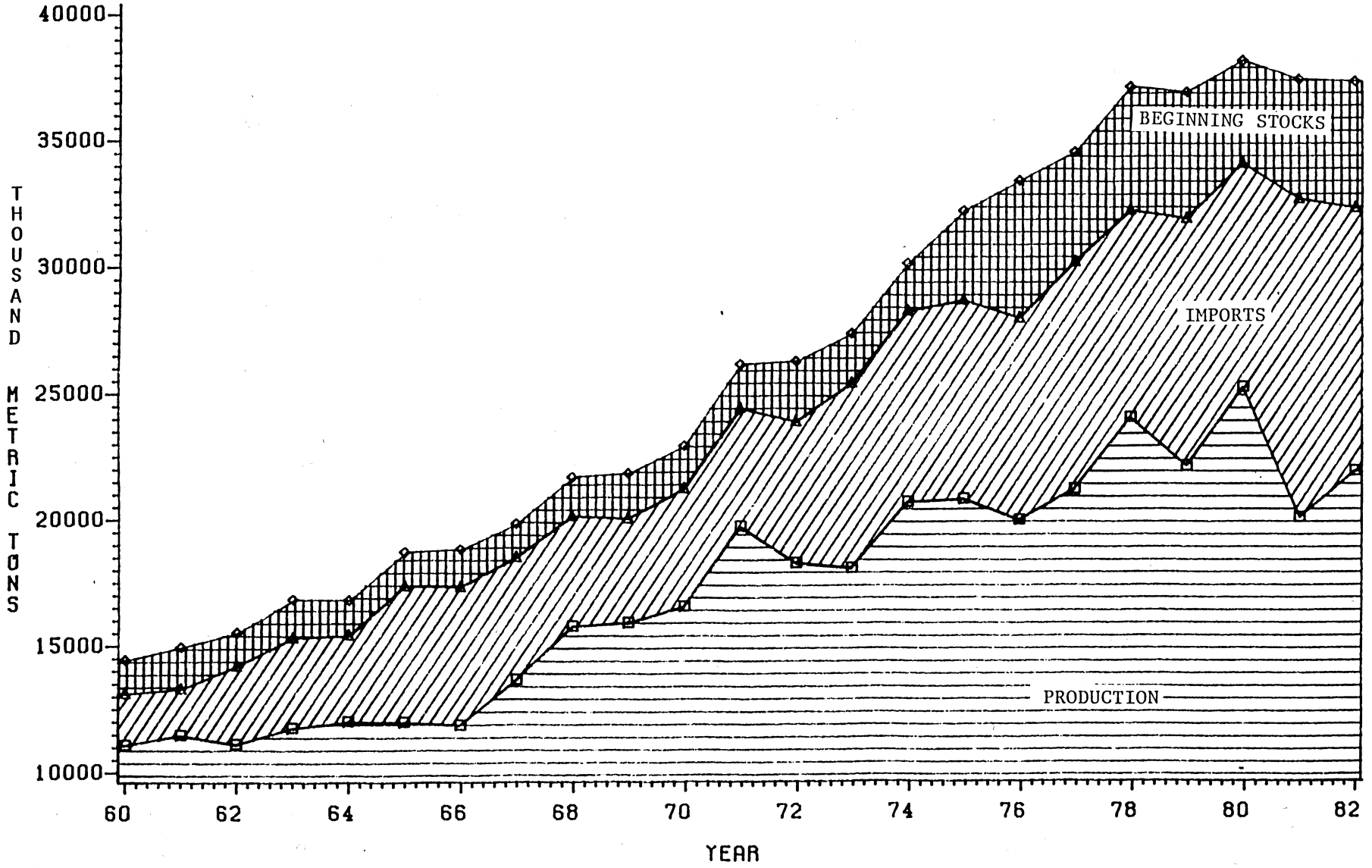
OTHER WESTERN EUROPE

COARSE GRAIN SUPPLY 1960–1982



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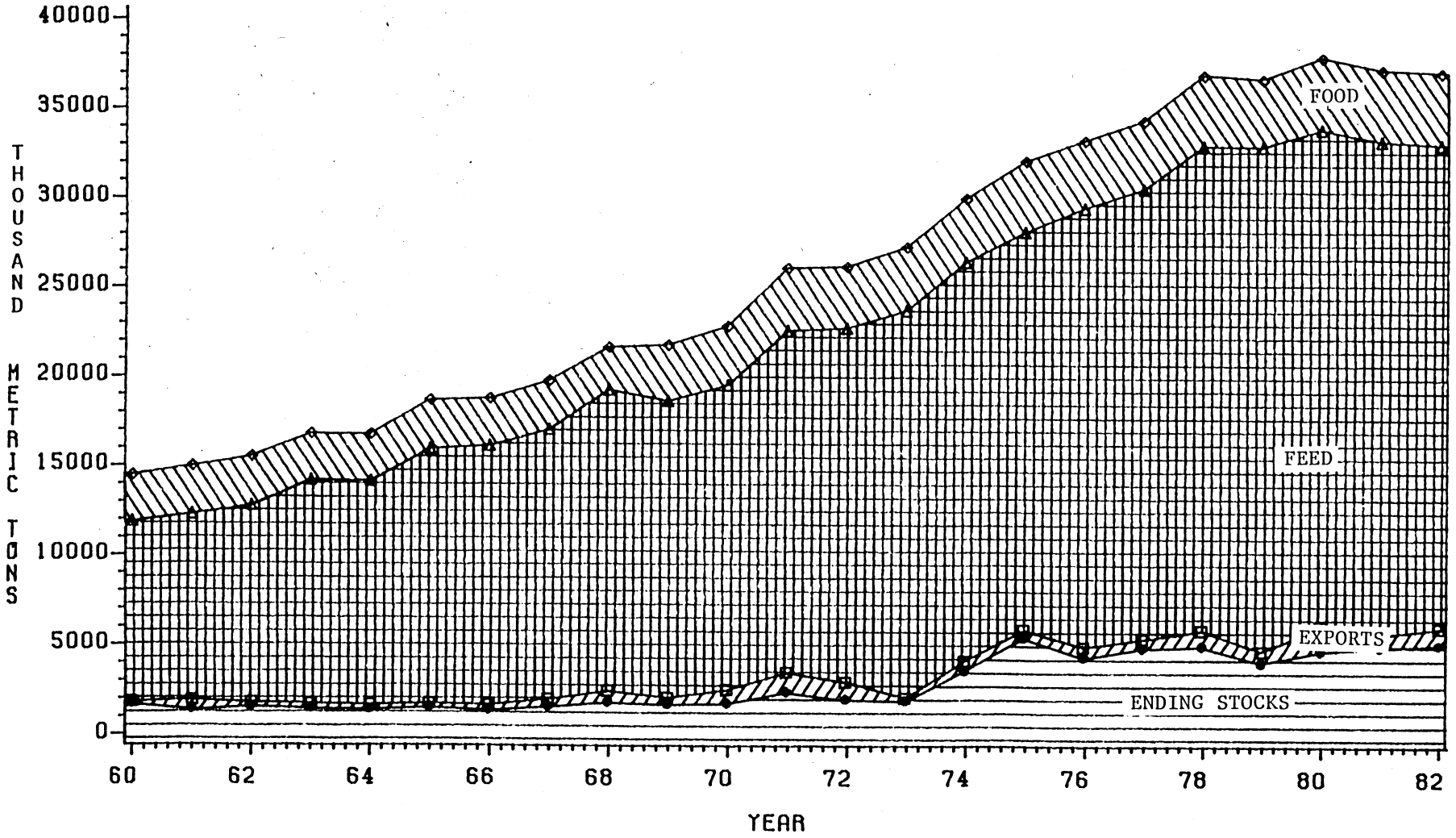
OTHER WESTERN EUROPE

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(30) EASTERN EUROPE SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	23,059	1.86261	42,950	1,434	1,905	1,391	28,715	14,893	43,608	1,290
1961	22,340	1.79212	40,036	1,290	2,653	1,552	25,430	15,377	40,807	1,620
1962	21,372	1.82323	38,966	1,620	3,208	1,394	27,906	12,942	40,848	1,552
1963	21,290	1.90968	40,657	1,552	3,467	1,842	29,485	12,899	42,384	1,450
1964	21,007	2.01500	42,329	1,450	3,294	1,285	31,163	13,147	44,310	1,478
1965	20,740	2.02599	42,019	1,478	2,726	1,144	29,725	13,818	43,543	1,536
1966	20,631	2.28976	47,240	1,536	2,124	1,785	34,050	13,528	47,578	1,537
1967	20,320	2.26378	46,000	1,537	2,335	1,849	33,742	12,692	46,434	1,589
1968	20,168	2.30975	46,583	1,589	2,498	1,707	34,462	12,405	46,867	2,096
1969	20,237	2.48668	50,323	2,096	2,842	1,786	37,455	13,352	50,807	2,668
1970	19,144	2.28656	43,774	2,668	4,387	1,211	36,091	12,051	48,142	1,476
1971	19,537	2.65179	51,808	1,476	5,082	994	41,193	14,395	55,588	1,784
1972	19,619	2.89169	56,732	1,784	4,516	1,974	43,720	15,569	59,289	1,769
1973	19,217	2.90035	55,736	1,769	5,098	2,758	44,568	13,509	58,077	1,768
1974	18,796	3.04357	57,207	1,768	5,801	1,033	49,795	12,461	62,256	1,487
1975	19,622	3.02706	59,397	1,487	7,742	2,386	50,692	13,275	63,967	2,273
1976	19,334	3.07774	59,505	2,273	8,574	1,464	50,356	15,180	65,536	3,352
1977	19,463	3.04686	59,301	3,352	8,281	1,451	51,433	14,763	66,196	3,287
1978	18,929	3.19388	60,457	3,287	11,416	1,193	54,556	16,034	70,590	3,377
1979	19,775	3.20774	63,433	3,377	10,585	1,785	57,982	14,310	72,292	3,318
1980	19,232	3.19187	61,386	3,318	11,803	2,041	57,931	13,722	71,653	2,813
1981	19,725	3.27229	64,546	2,813	7,000	2,148	55,905	13,710	69,615	2,596
1982	19,366	3.71197	71,886	2,596	4,064	3,266	56,756	14,990	71,746	3,534

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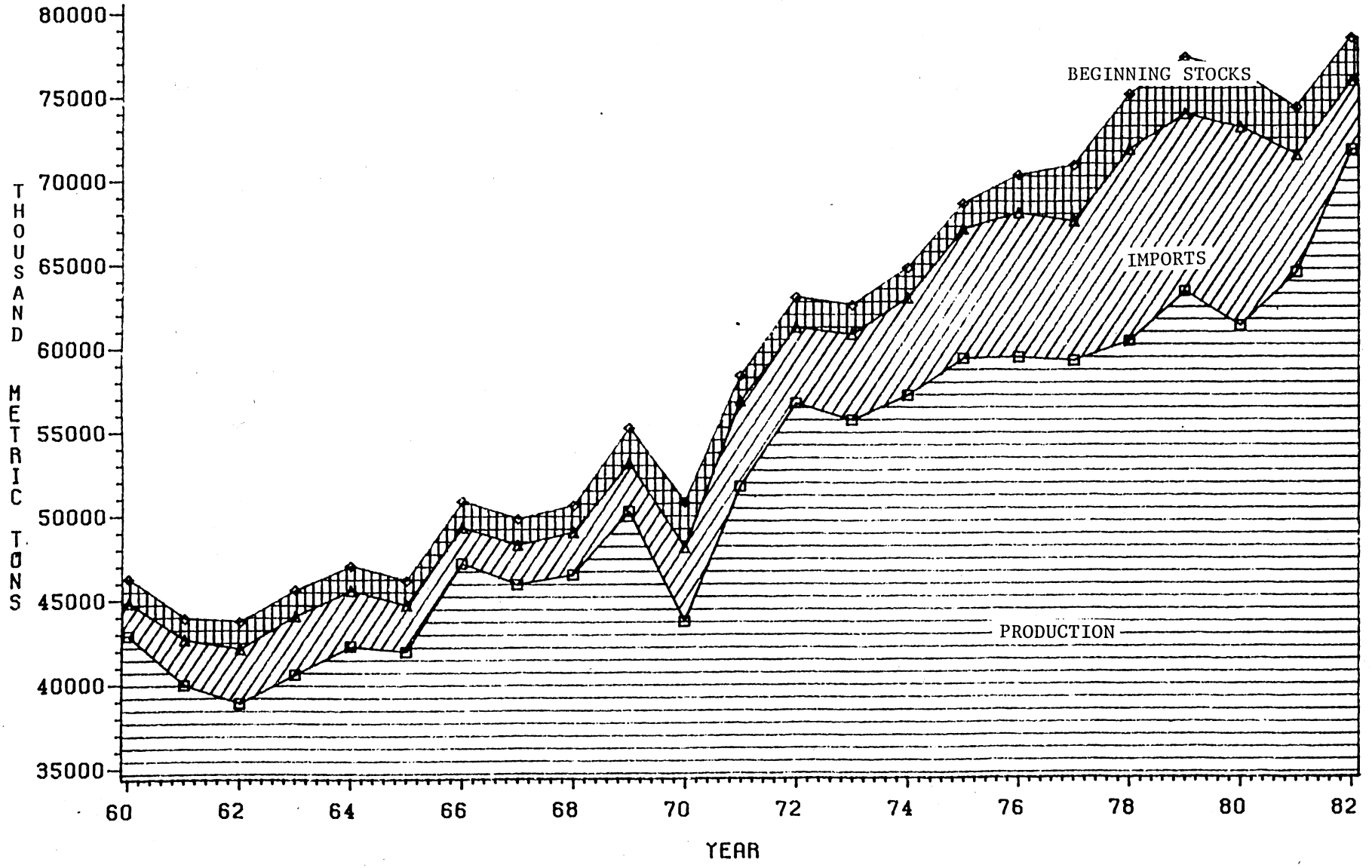
EASTERN EUROPE

COARSE GRAIN SUPPLY 1960-1982



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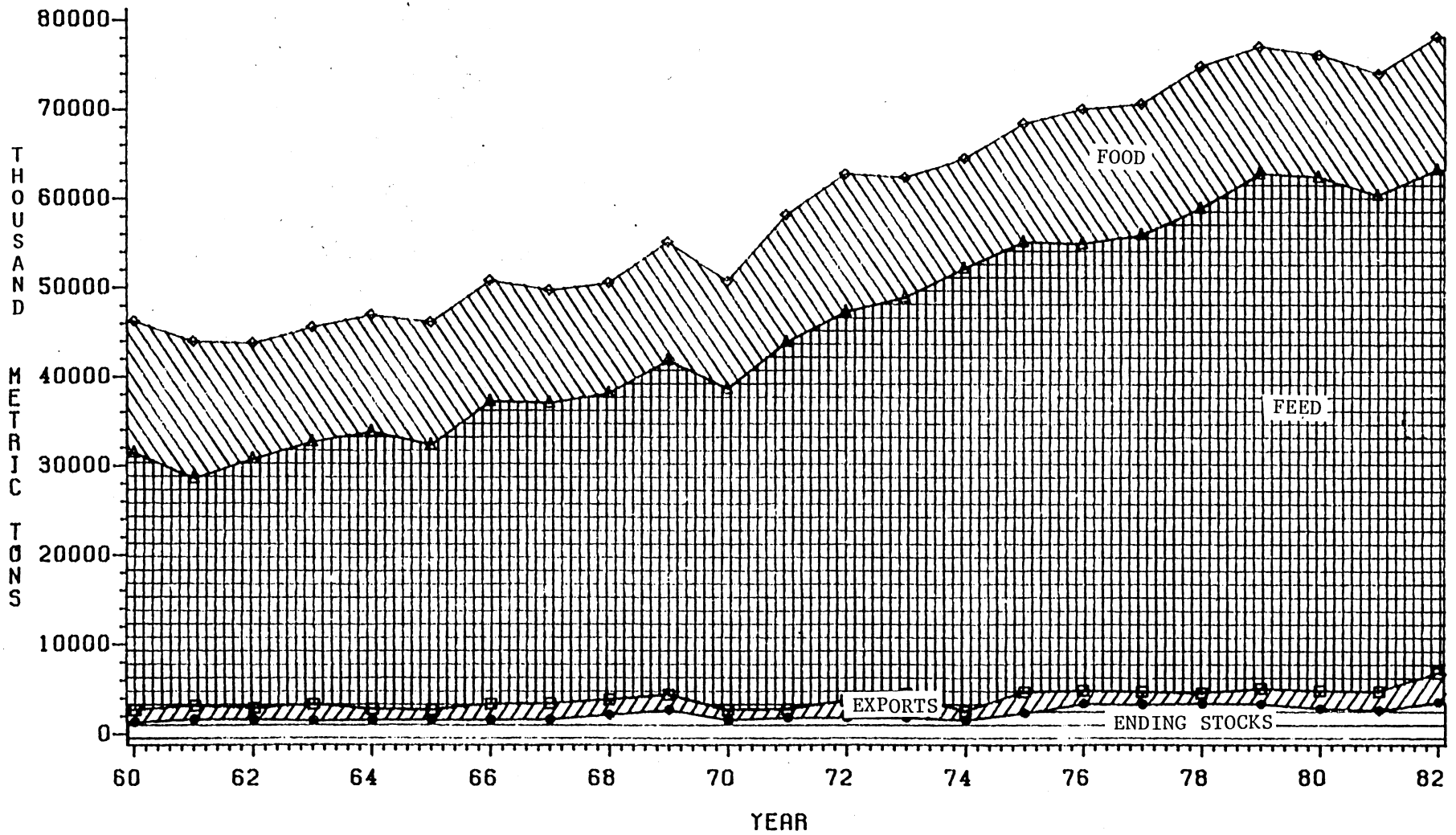
EASTERN EUROPE

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(31) RESIDUAL WORLD SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	-3,144	0.37659	-1,184	2,126	1,178	-52	.	.	126	2,046
1961	-3,035	0.35025	-1,063	2,046	2,725	-27	.	.	1,728	2,007
1962	-3,277	0.43332	-1,420	2,007	686	-18	.	.	-707	1,998
1963	-3,383	0.51966	-1,758	1,998	627	2	.	.	-1,131	1,996
1964	-3,456	0.52951	-1,830	1,996	2,615	-59	.	.	2,338	502
1965	-3,664	0.52183	-1,912	502	5,520	-29	.	.	3,696	443
1966	-3,751	0.56758	-2,129	443	177	-13	.	.	-1,752	256
1967	-3,886	0.61451	-2,388	256	938	-10	.	.	-3,119	1,935
1968	-3,860	0.65440	-2,526	1,935	707	-27	.	.	-1,952	2,095
1969	-4,252	0.68297	-2,904	2,095	4,062	18	.	.	-2,277	5,512
1970	-4,063	0.72360	-2,940	5,512	4,147	-55	.	.	1,322	5,452
1971	-4,028	0.71276	-2,871	5,452	1,049	-43	.	.	-2,007	5,680
1972	-4,022	0.56266	-2,263	5,680	3,494	-6	.	.	1,589	5,328
1973	-4,461	0.65523	-2,923	5,328	4,885	7	.	.	3,057	3,706
1974	-4,952	0.60602	-3,001	3,706	-314	179	.	.	-1,197	1,409
1975	-5,322	0.66272	-3,527	1,409	1,519	274	.	.	-503	-370
1976	-5,349	0.65900	-3,525	-370	1,025	288	.	.	-2,723	-435
1977	-5,367	0.70915	-3,806	-435	4,092	198	.	.	357	-704
1978	-5,253	0.82829	-4,351	-704	-1,188	198	.	.	-5,726	-715
1979	-5,160	0.81512	-4,206	-715	-1,295	-15	.	.	-5,561	-640
1980	-5,226	0.77229	-4,036	-640	-1,748	-4	.	.	-5,717	-703
1981	-5,320	0.77669	-4,132	-703	-1,651	-43	.	.	-5,810	-633
1982	-5,173	0.73246	-3,789	-633	-2,018	-26	.	.	-5,866	-548

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TABLE(32) DEVELOPED SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	91,377	2.40319	219,596	81,405	19,381	18,060	177,657	33,005	210,662	91,660
1961	80,934	2.44545	197,920	91,660	23,862	23,458	179,663	33,198	212,861	77,123
1962	80,629	2.59172	208,968	77,123	25,382	22,449	182,758	33,680	216,438	72,586
1963	82,406	2.69804	222,335	72,586	28,381	24,489	185,535	35,022	220,557	78,256
1964	77,485	2.61958	202,978	78,256	28,914	27,101	183,165	35,774	218,939	64,108
1965	77,632	2.92726	227,249	64,108	35,196	34,037	201,313	36,908	238,221	54,295
1966	80,073	2.97535	238,245	54,295	35,957	31,729	205,933	38,110	244,043	52,725
1967	81,107	3.15263	255,700	52,725	35,619	31,820	213,420	38,986	252,406	59,818
1968	80,257	3.17095	254,491	59,818	34,561	27,067	217,681	38,551	256,232	65,571
1969	80,423	3.28456	264,154	65,571	35,752	32,067	228,316	40,487	268,803	64,607
1970	83,562	3.02416	252,705	64,607	40,112	37,971	228,345	41,257	269,602	49,851
1971	88,722	3.52216	312,493	49,851	38,527	48,016	242,969	45,027	287,996	64,859
1972	80,773	3.63477	293,591	64,859	42,614	55,954	251,715	45,420	297,135	47,975
1973	85,038	3.63087	308,762	47,975	50,956	63,280	255,972	46,998	302,970	41,443
1974	83,374	3.22069	268,522	41,443	47,990	57,003	217,237	46,747	263,984	36,968
1975	86,081	3.49913	301,209	36,968	49,229	73,109	228,791	48,906	277,697	36,600
1976	85,673	3.55653	304,699	36,600	57,506	70,601	228,608	49,260	277,868	50,336
1977	87,582	3.78762	331,727	50,336	51,671	79,153	239,384	50,026	289,410	65,171
1978	86,217	4.09749	353,273	65,171	51,442	84,001	261,710	52,066	313,776	72,109
1979	83,846	4.38461	367,632	72,109	52,676	97,766	265,460	55,510	320,970	73,681
1980	83,653	4.02638	336,819	73,681	50,308	97,344	246,523	57,181	303,704	59,760
1981	87,606	4.32933	379,275	59,760	52,009	88,126	252,048	60,600	312,648	90,270
1982	86,074	4.46103	383,979	90,270	49,705	77,812	261,585	61,843	323,428	122,714

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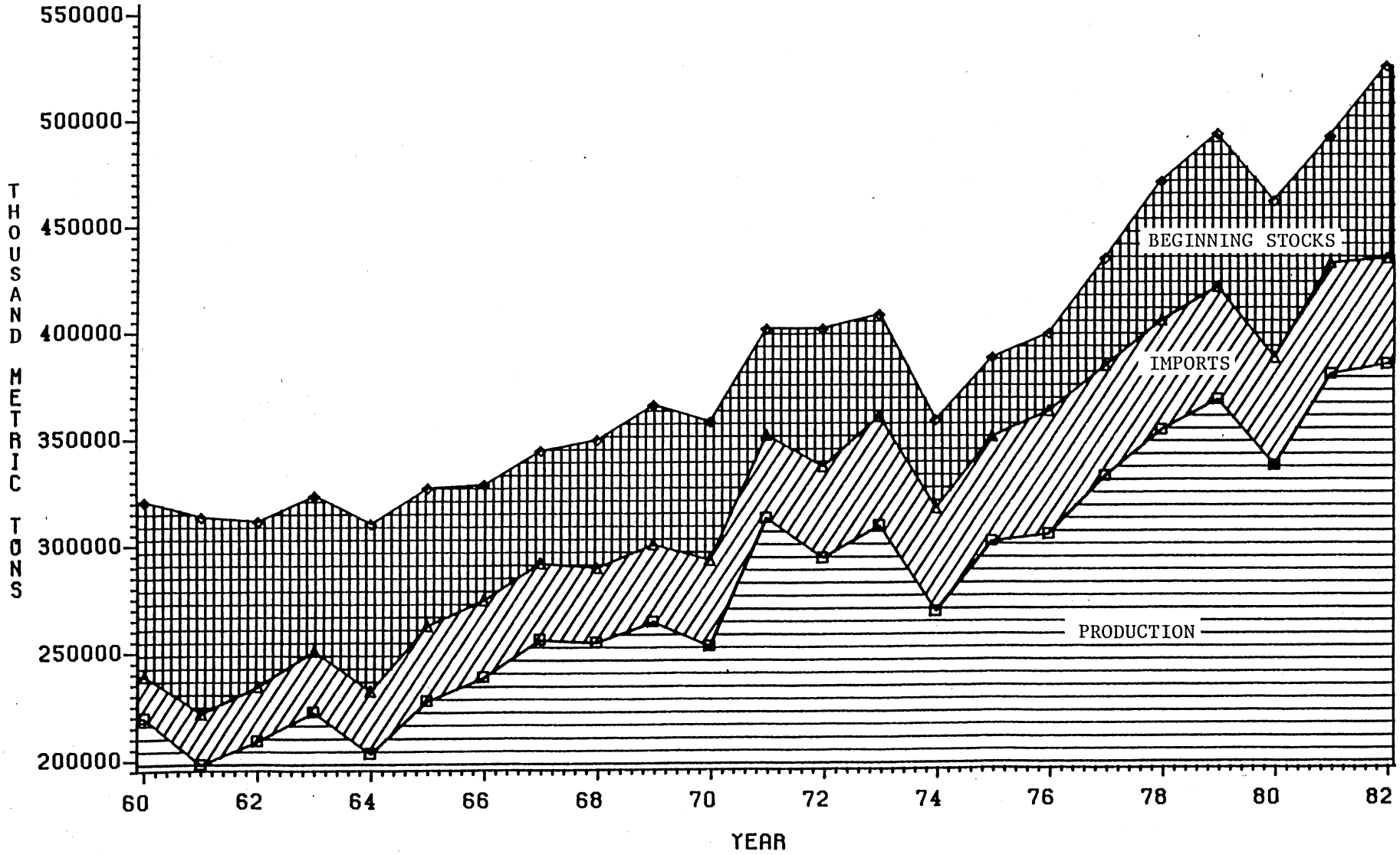
DEVELOPED COUNTRIES

COARSE GRAIN SUPPLY 1960-1982



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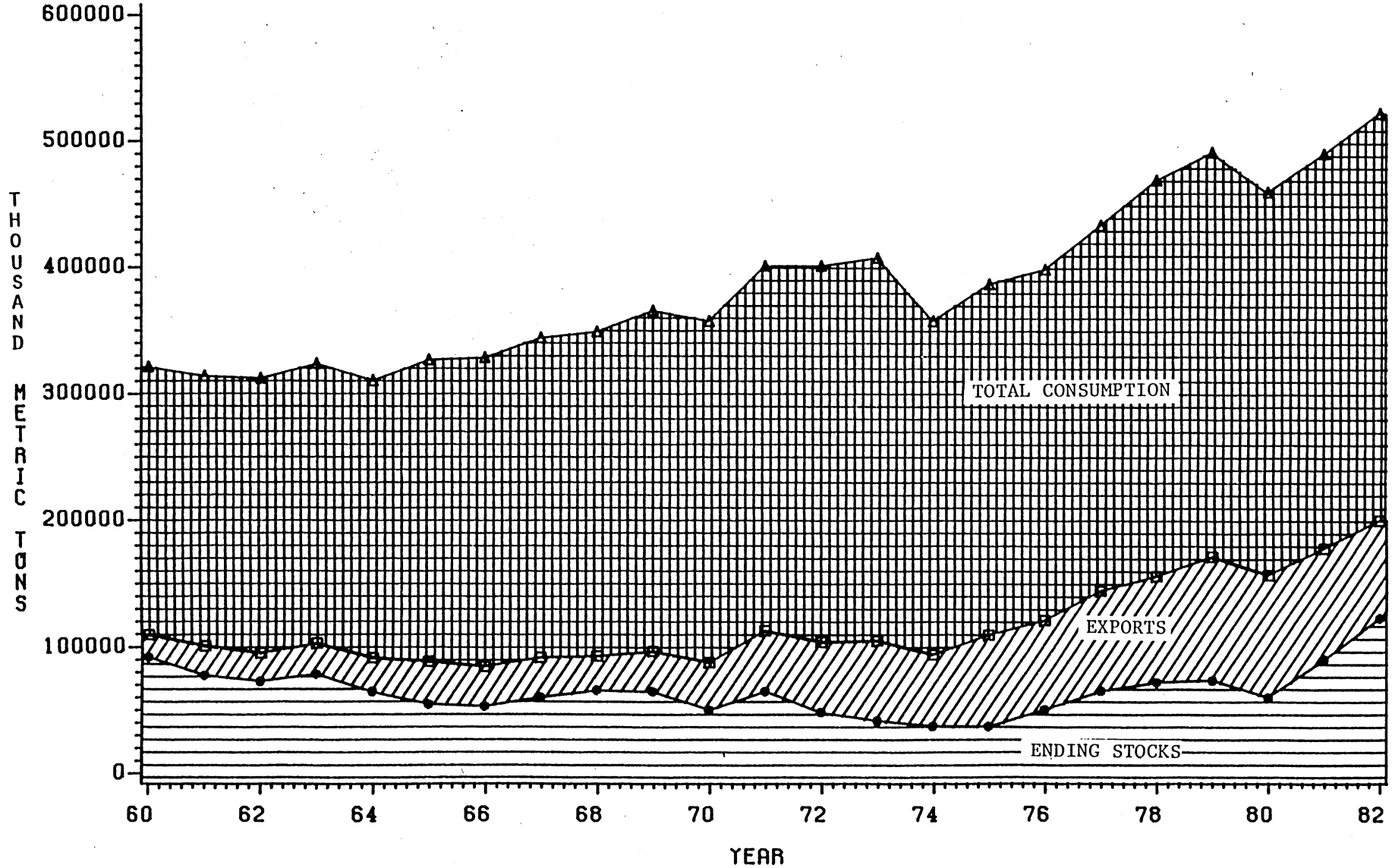
DEVELOPED COUNTRIES

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(33) CENTRALLY PLANNED COUNTRIES SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	111,431	1.17404	130,824	6,434	2,751	3,383	.	.	130,336	6,290
1961	114,508	1.18966	136,226	6,290	3,865	4,627	.	.	135,134	6,620
1962	112,411	1.28390	144,325	6,620	3,552	3,950	.	.	142,995	7,552
1963	113,087	1.20884	136,704	7,552	4,384	3,977	.	.	138,213	6,450
1964	113,526	1.38669	157,425	6,450	3,621	3,125	.	.	150,893	13,478
1965	109,229	1.33853	146,206	13,478	2,811	3,626	.	.	149,333	9,536
1966	106,936	1.54448	165,161	9,536	2,374	2,753	.	.	165,781	8,537
1967	107,549	1.60125	172,213	8,537	2,809	2,869	.	.	173,101	7,589
1968	106,904	1.61225	172,356	7,589	3,029	2,843	.	.	171,035	9,096
1969	108,534	1.67028	181,282	9,096	2,977	2,899	.	.	181,788	8,668
1970	105,501	1.75536	185,192	8,668	4,658	2,322	.	.	188,720	7,476
1971	105,727	1.78565	188,791	7,476	9,793	1,989	.	.	196,287	7,784
1972	112,815	1.67299	188,738	7,784	12,421	2,407	.	.	198,767	7,769
1973	114,276	1.92861	220,394	7,769	13,637	3,701	.	.	229,331	8,768
1974	118,295	1.88836	223,383	8,768	9,027	2,105	.	.	229,586	9,487
1975	118,336	1.64068	194,152	9,487	23,292	2,501	.	.	217,157	7,273
1976	114,199	2.14559	245,024	7,273	14,274	3,514	.	.	251,705	11,352
1977	114,010	1.95216	222,566	11,352	20,053	2,451	.	.	245,233	6,287
1978	110,394	2.21834	244,891	6,287	24,436	2,213	.	.	266,024	7,377
1979	114,654	1.98570	227,668	7,377	31,017	1,785	.	.	256,959	7,318
1980	109,623	2.06282	226,132	7,318	30,654	2,041	.	.	256,250	5,813
1981	108,889	1.99608	217,351	5,813	33,800	2,148	.	.	250,220	4,596
1982	107,902	2.26025	243,886	4,596	18,064	3,266	.	.	258,746	4,534

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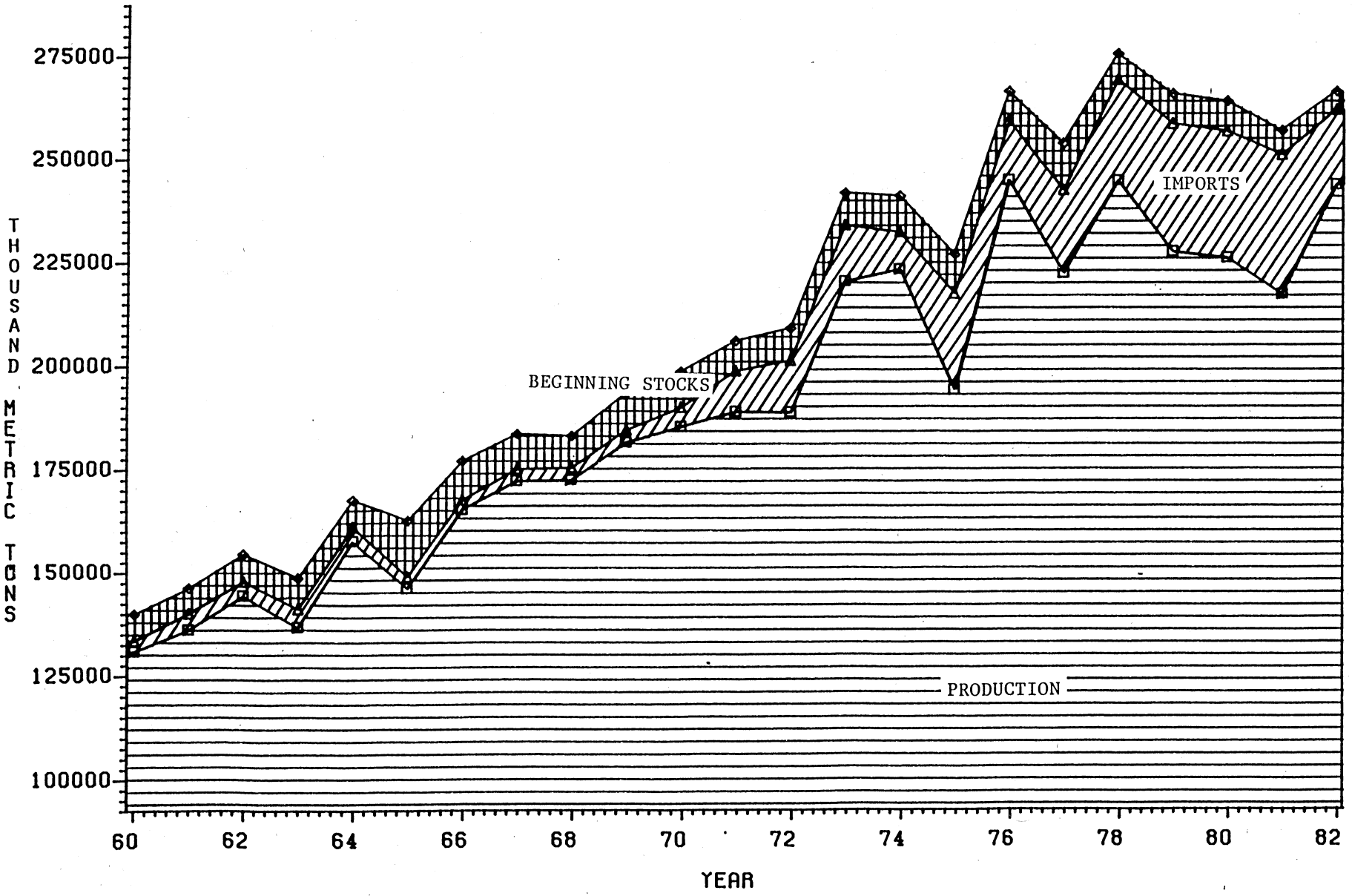
CENTRALLY PLANNED COUNTRIES

COARSE GRAIN SUPPLY 1960–1982



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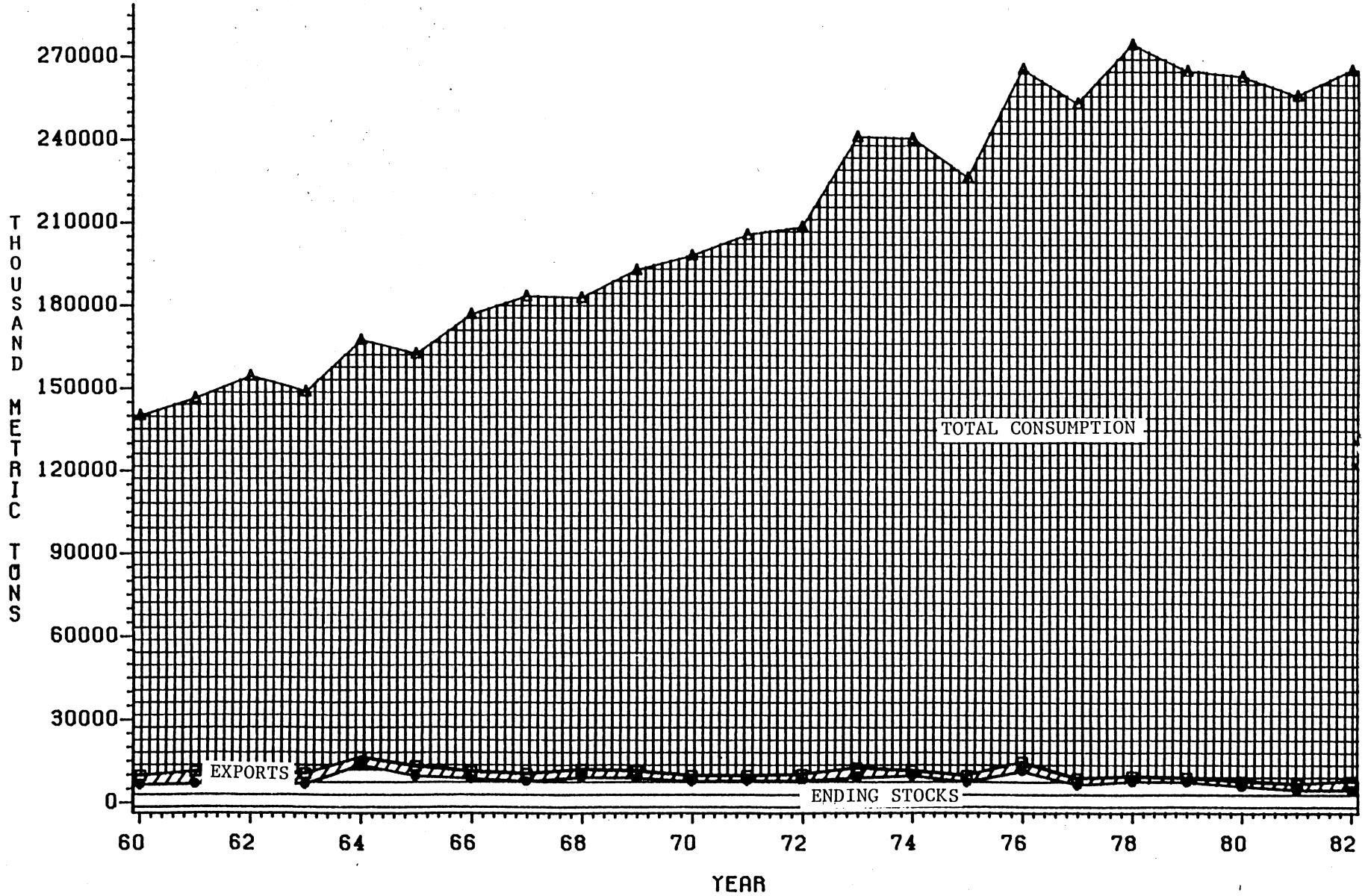
CENTRALLY PLANNED COUNTRIES

COARSE GRAIN UTILIZATION 1960–1982



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TABLE(34) UNDERDEVELOPED COUNTRIES SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	120,482	0.79135	95,343	8,759	1,944	4,134	.	.	92,443	9,469
1961	125,830	0.77879	97,995	9,469	3,018	5,924	.	.	95,855	8,703
1962	126,730	0.82189	104,158	8,703	3,068	6,212	.	.	99,384	10,333
1963	128,350	0.83322	106,944	10,333	2,446	7,821	.	.	100,967	10,935
1964	129,783	0.85446	110,894	10,935	2,249	7,490	.	.	103,985	12,603
1965	132,286	0.82740	109,453	12,603	3,330	9,663	.	.	105,172	10,551
1966	133,969	0.86638	116,068	10,551	4,711	9,240	.	.	107,991	14,099
1967	137,783	0.88577	122,044	14,099	4,527	9,508	.	.	115,840	15,322
1968	138,731	0.90069	124,953	15,322	3,072	10,810	.	.	119,912	12,625
1969	141,446	0.91304	129,146	12,625	4,439	13,270	.	.	122,129	10,811
1970	142,272	0.95745	136,219	10,811	5,018	13,984	.	.	128,266	9,798
1971	138,068	0.91787	126,728	9,798	6,644	7,865	.	.	127,420	7,885
1972	131,699	0.93934	123,710	7,885	9,779	10,331	.	.	123,262	7,781
1973	144,324	0.97434	140,621	7,781	11,268	14,551	.	.	135,092	10,547
1974	138,574	0.98887	137,032	10,547	11,513	10,542	.	.	137,636	10,914
1975	139,461	1.05623	147,303	10,914	11,882	12,160	.	.	143,226	14,713
1976	140,790	1.07751	151,702	14,713	13,975	14,748	.	.	149,390	16,252
1977	138,363	1.03605	143,351	16,252	18,555	13,942	.	.	149,798	14,418
1978	139,845	1.08082	151,147	14,418	20,822	13,427	.	.	160,270	12,690
1979	137,040	1.04374	143,034	12,690	26,864	8,820	.	.	161,857	11,911
1980	142,507	1.16903	166,595	11,911	29,394	18,795	.	.	170,957	18,148
1981	146,912	1.16898	171,737	18,148	28,558	19,451	.	.	181,000	17,992
1982	138,791	1.11296	154,469	17,992	35,316	17,316	.	.	177,756	12,705

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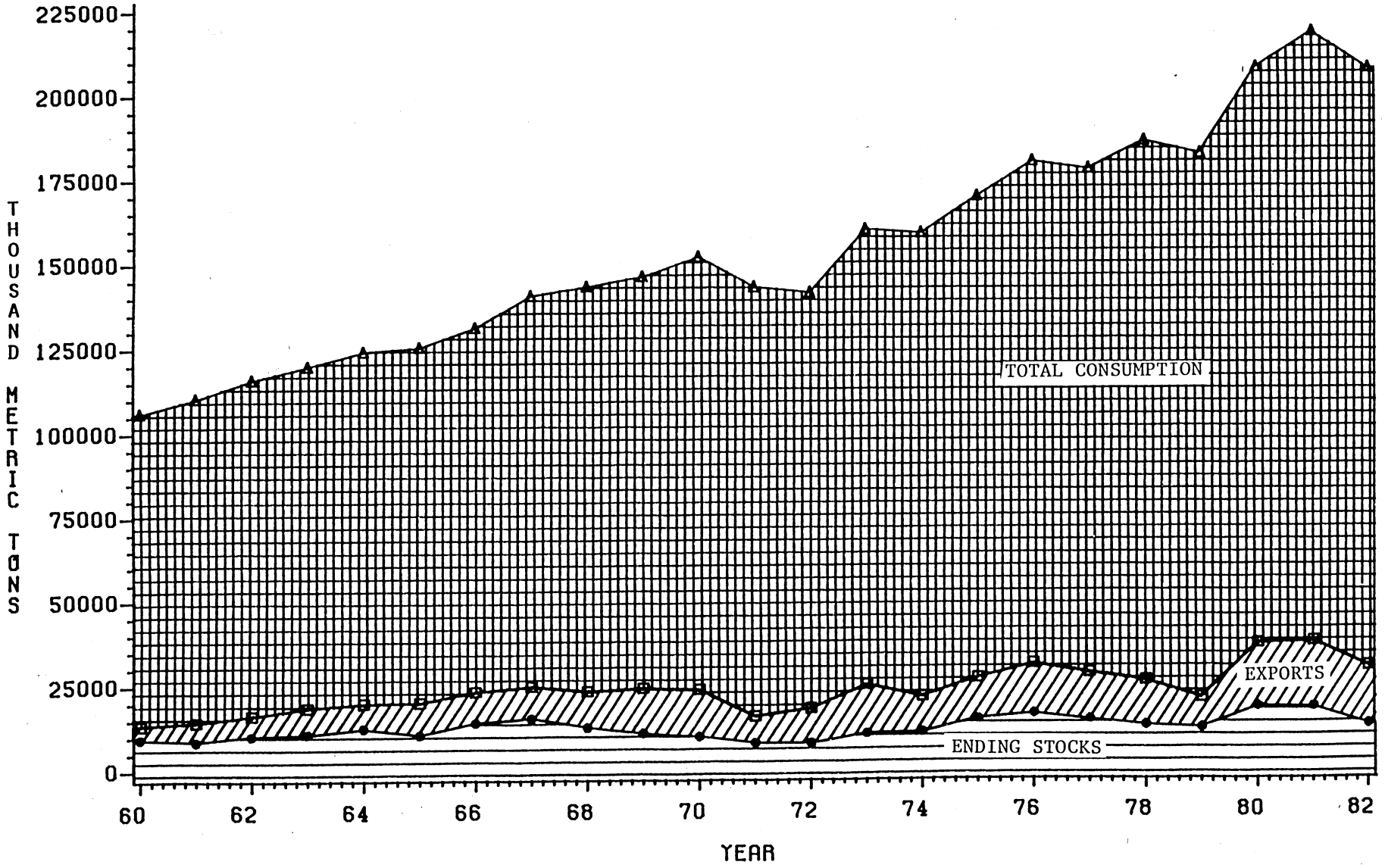
DEVELOPING COUNTRIES

COARSE GRAIN UTILIZATION 1960-1982



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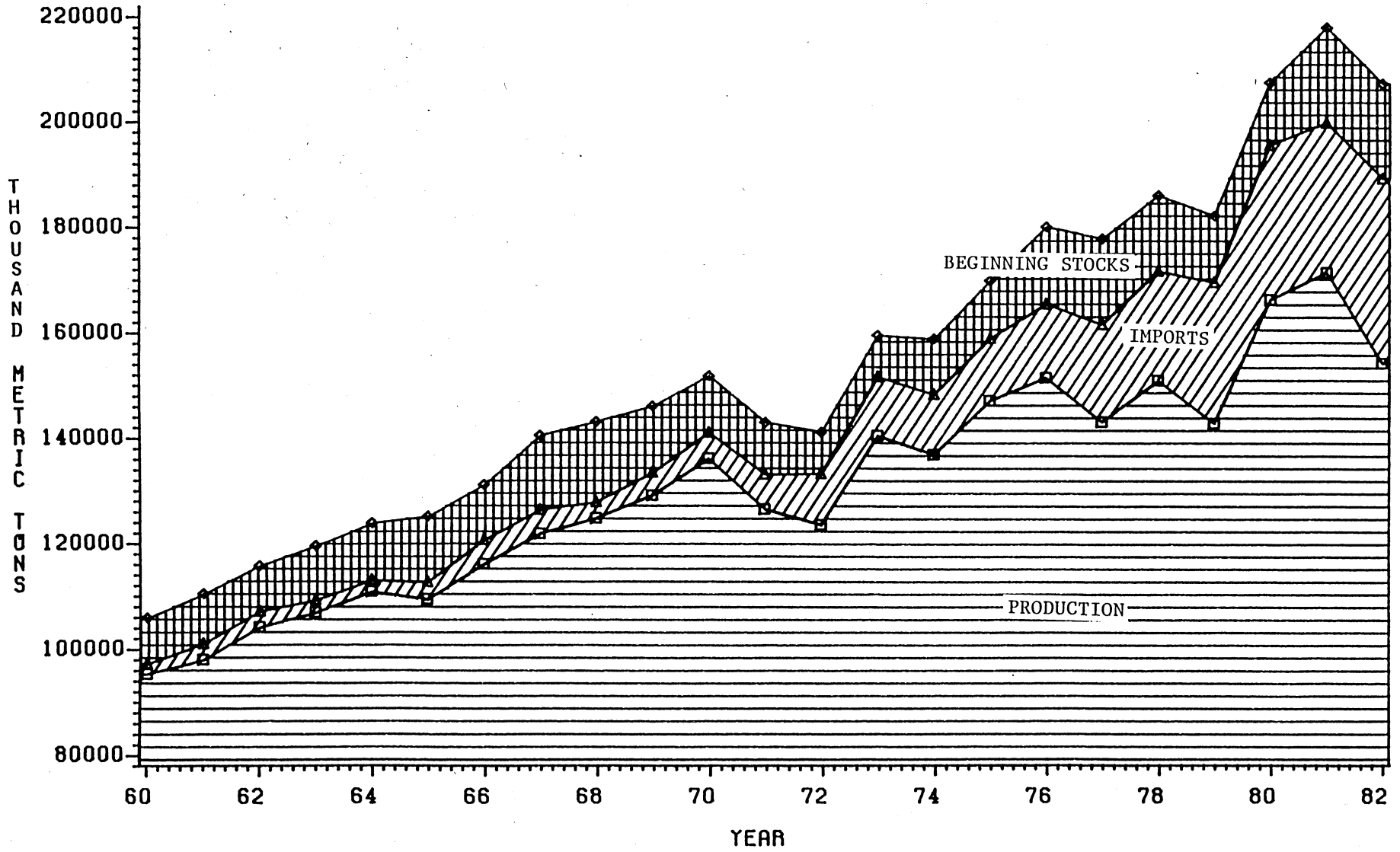
DEVELOPING COUNTRIES

COARSE GRAIN SUPPLY 1960–1982



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TABLE(35) WORLD SUPPLY/UTILISATION OF FEED-GRAIN (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	FEED USE	FOOD USE	TOTAL CONSN	END STOCK
1960	320,146	1.38868	444,579	98,724	25,254	25,525	253,788	179,779	433,567	109,465
1961	318,237	1.35458	431,078	109,465	33,470	33,982	252,523	193,055	445,578	94,453
1962	316,493	1.44089	456,031	94,453	32,688	32,593	256,760	201,350	458,110	92,469
1963	320,460	1.44862	464,225	92,469	35,838	36,289	256,834	201,772	458,606	97,637
1964	317,338	1.47939	469,467	97,637	37,399	37,657	264,005	212,150	476,155	90,691
1965	315,483	1.52463	480,996	90,691	46,857	47,297	282,498	213,924	496,422	74,825
1966	317,227	1.63084	517,345	74,825	43,219	43,709	299,629	216,434	516,063	75,617
1967	322,553	1.69761	547,569	75,617	43,893	44,187	306,406	231,822	538,228	84,664
1968	322,032	1.70565	549,274	84,664	41,369	40,693	317,094	228,133	545,227	89,387
1969	326,151	1.75280	571,678	89,387	47,230	48,254	335,305	235,138	570,443	89,598
1970	327,272	1.74526	571,176	89,598	53,935	54,222	339,900	248,010	587,910	72,577
1971	328,489	1.90308	625,141	72,577	56,013	57,827	367,137	242,559	609,696	86,208
1972	321,265	1.87937	603,776	86,208	68,308	68,686	378,937	241,816	620,753	68,853
1973	339,177	1.96609	666,854	68,853	80,746	81,539	405,360	265,090	670,450	64,464
1974	335,291	1.86684	625,936	64,464	68,216	69,829	369,090	260,919	630,009	58,778
1975	338,556	1.88783	639,137	58,778	85,922	88,044	376,144	261,433	637,577	58,216
1976	335,313	2.08134	697,900	58,216	86,780	89,151	401,788	274,452	676,240	77,505
1977	334,588	2.07371	693,838	77,505	94,371	95,744	410,521	274,277	684,798	85,172
1978	331,203	2.24925	744,960	85,172	95,512	99,839	448,505	285,839	734,344	91,461
1979	330,380	2.22207	734,128	91,461	109,262	108,356	449,943	284,282	734,225	92,270
1980	330,557	2.19481	725,510	92,270	108,608	118,176	430,127	295,067	725,194	83,018
1981	338,087	2.26046	764,231	83,018	112,716	109,682	444,109	293,949	738,058	112,225
1982	327,594	2.37655	778,545	112,225	101,067	98,368	458,201	295,863	754,064	139,405

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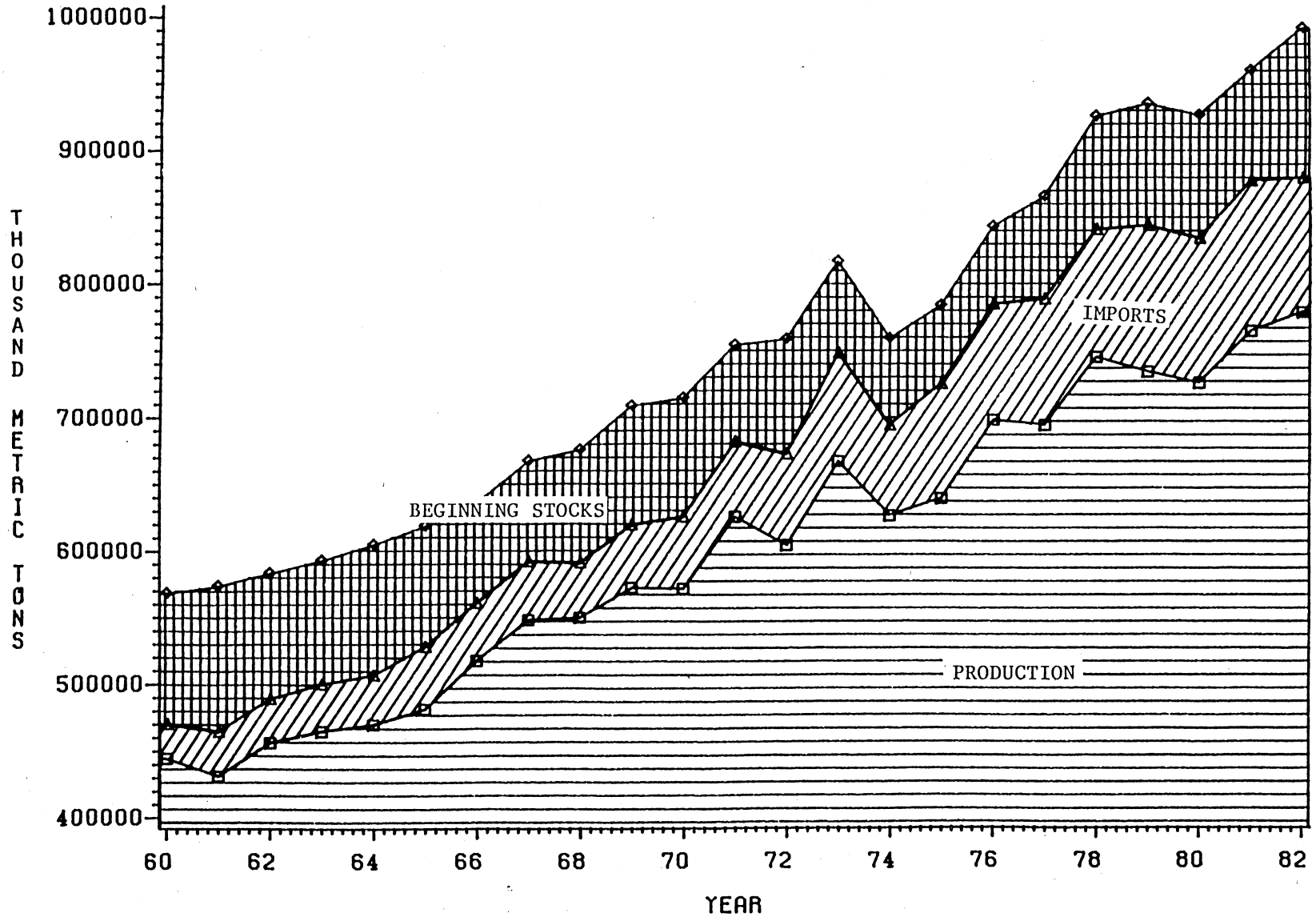
WORLD

COARSE GRAIN SUPPLY 1960-1982



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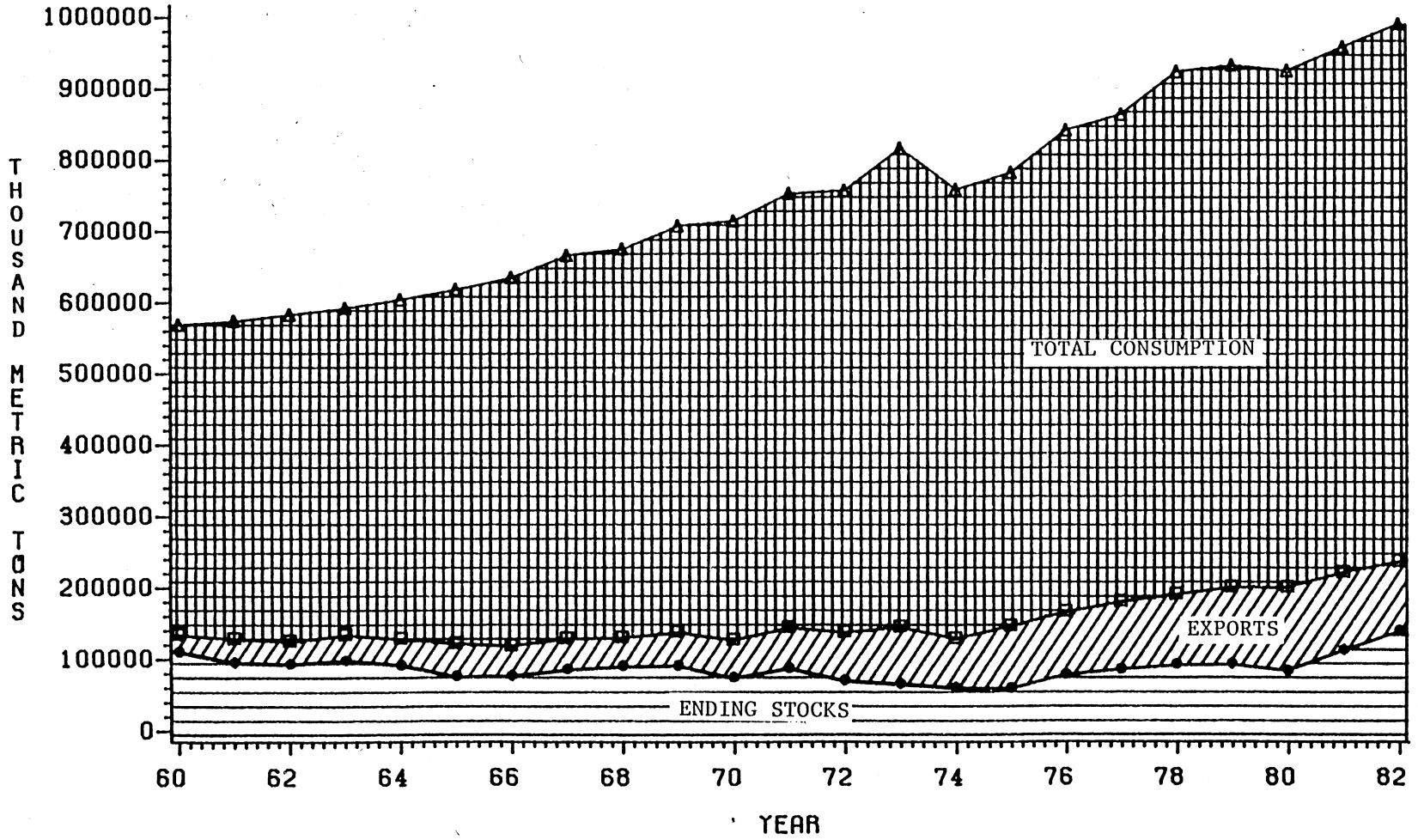
COARSE GRAIN UTILIZATION 1960–1982



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