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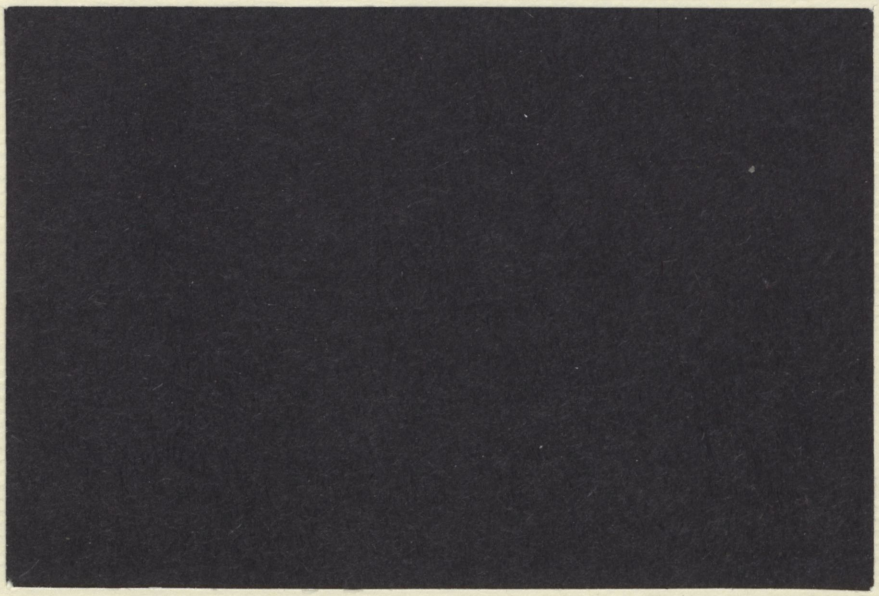

CTAP Staff Report

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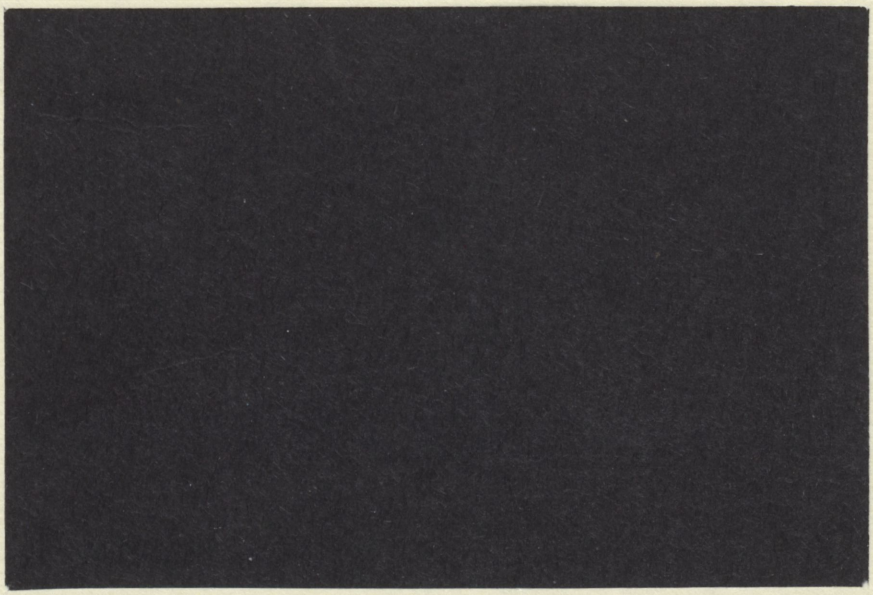

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RICE DATA BOOK

by

CTAP Staff

CTAP Staff Report No. 2
January 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 - Rice

Country or Region*	Page
United States	11

Production tripled with equal contributions from area and yield increases. Domestic consumption doubled over the period. Exports tripled by 1980, but declined thereafter resulting in increased stocks.

Canada	15

Consumption, totally met by imports, doubled over the last two decades.

Brazil	17

Production increased about 50 percent over the period, explained almost totally by increases in area. Domestic demand approximated domestic supply, with limited exports in years prior to 1977 and limited imports in later years.

Argentina	19

Production almost tripled during the 60's, explained partly by a doubling in area and partly by yield increases. While area remained more or less unchanged thereafter, yields declined steadily to levels of the early 60's, resulting in a corresponding decline in production. Consumption doubled during the 60's but declined thereafter. Exports, which accounted for 10-30 percent of production in the early 60's, grew to 40-45 percent by the early 80's.

Mexico	21

Production doubled between 1960 and 1975 and declined thereafter, with similar trends in both area and yield. Domestic consumption approximately equalled production, with years of slight deficits (imports) or surpluses (exports).

Venezuela	23

Area increased five-fold while yield doubled, resulting in a ten-fold increase in production. Consumption and stocks also increased at a similar pace. Foreign trade was limited, although there were some exports between 1965 and 1975.

Central America & Caribbean Islands	25

Area increased by 50 percent while yield more than doubled, resulting in a tripling of production. Domestic consumption increased by 150 percent while beginning stocks doubled. Net imports accounted for 20 to 25 percent of consumption during this period.

* Regional definitions are found on page 6.

Country or Region	Page
Other South America	27

Production tripled due to increases in both yield and area. Consumption and net exports also tripled during the period.

Egypt	29

Production doubled by the early 70's and declined slightly thereafter. Area doubled by the late 60's and then declined, while productivity peaked in the early 60's, declined until the mid 70's and then increased again. Domestic consumption doubled over the period. Almost 40 percent of production was exported in the late 60's; but by the early 80's, the country was barely self-sufficient.

High Income North Africa & Middle East	31

Production doubled, almost entirely due to productivity increases. Consumption, which exceeded production by about 30 percent in the early 60's, increased by well over 300 percent. This, together with substantial stock increases, resulted in an almost ten-fold increase in imports.

Other Low Income North Africa & Middle East	35

Production increased by about 80 percent due, almost entirely, to area increases. Domestic consumption doubled, and imports almost tripled.

Republic of South Africa	37

Consumption, entirely met by imports, almost tripled over the period.

Other South Africa	39

Production and consumption were negligible, and no imports were recorded.

Central Africa	41

Production doubled, almost entirely due to an increase in area. Consumption tripled, and imports increased six-fold. Imports provided one-fourth of domestic consumption at the beginning of the period, and nearly one-half at the end.

East Africa	45

Production increased by 50 percent, resulting from a similar increase in area. The slight increases in productivity attained during the late 60's were not sustained. Modest exports occurred in the early 60's, but with a doubling in demand over the period,

Country or Region	Page
imports accounted for 20-25 percent of consumption by the early 80's.	
People's Republic of China	47
Production doubled, almost entirely due to productivity increases. Consumption also doubled. Exports increased until the early 70's and declined thereafter. Trade remained negligible relative to total production throughout the period.	
Japan	51
Area steadily decreased. Production rose sharply in '67 and '68, due to higher yields, but then steadily declined. Consumption declined slightly over the period. A net importer during most of the 60's, the country exported small quantities of surplus during the 70's.	
India	55
A 35 percent increase in production was due to equal contributions from area and yield increases. Consumption, which marginally exceeded production in the 60's, increased more slowly than production, resulting in small net exports during the late 70's.	
Other South Asia	59
Production increased 30 percent due to both area and productivity increases. Consumption, which exceeded production by 10 percent in the early 60's, grew more slowly, resulting in small net exports during the late 70's.	
Thailand	63
Production almost doubled with little or no increase in productivity. Domestic consumption increased at a slower pace, while exports doubled.	
Other Southeast Asia	67
Production nearly doubled due, almost entirely, to productivity increases. The temporary area increases of the mid 60's were not sustained. Consumption, which accounted for only 70 percent of production in the early 60's, grew rapidly and exceeded 95 percent by the early 80's. Hence, exports fell sharply.	
Indonesia	71
Production doubled, with only a 30 percent increase in area. Consumption also doubled, and the country remained a net importer throughout the period.	

Country or Region	Page
High Income East Asia	75

Production increased by about 50 percent despite a slight reduction in area. The region was a net importer throughout the period, although both exports and imports fluctuated considerably.

Other Low Income East Asia	79

Production doubled with little or no change in area. Consumption increased less dramatically, so that imports were reduced from 10 percent of demand to less than 5 percent by the late 70's.

Australia	83

A seven-fold increase in production was due primarily to area increases. Consumption, which doubled over the period, accounted for almost 40 percent of production in the early 60's and dropped to less than 20 percent by the early 80's.

USSR	85

A very sharp increase in production, over ten-fold, occurred with only a doubling in productivity. Consumption also increased dramatically, so the country continues to be a net importer.

EC-10	89

Production increased by about 20 percent and consumption rose at a similar rate. Net imports accounted for betwen one-fifth and one-fourth of consumption throughout the period.

Other Western Europe	93

Production remained more or less unchanged while consumption increased by almost 60 percent, resulting in a sharp increase in net imports.

Eastern Europe	95

Production increased by 50 percent, almost entirely due to productivity gains. A temporary increase in area during the early 70's was not sustained. Consumption, which far exceeded production in the early 60's, increased less sharply and imports remained essentially unchanged.

Developed Countries	99

Production increased slightly while area and consumption remained essentially unchanged. Net exports more than tripled,

Country or Region

but still accounted for only 15 percent of total production in the early 80's.

Centrally Planned Countries 103

Production doubled with only a 10 percent increase in area. Consumption also doubled. Centrally planned countries went from being marginal net exporters in the 60's to marginal net importers in the late 70's.

Developing Countries 107

Production increased by 66 percent, with equal contributions from area and productivity increases. Consumption approximately matched production throughout the period, although developing countries were net importers in most years.

World 111

Production increased 80 percent between 1960 and 1982, with most of the increase due to higher yields. Trade nearly doubled during 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

* No rice table.

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 RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	645	2.72248	1,756	395	9	919	911	330
1961	643	2.74184	1,763	330	13	936	997	173
1962	718	2.97075	2,133	173	1	1,119	937	251
1963	717	3.20084	2,295	251	1	1,385	917	245
1964	723	3.30014	2,386	245	15	1,387	1,008	251
1965	725	3.44414	2,497	251	22	1,418	1,081	271
1966	796	3.52387	2,805	271	0	1,719	1,079	278
1967	797	3.70138	2,950	278	0	1,816	1,190	222
1968	952	3.63340	3,459	222	0	1,729	1,420	532
1969	861	3.48780	3,003	532	7	1,786	1,220	536
1970	734	3.80926	2,796	536	48	1,461	1,308	611
1971	736	3.85598	2,838	611	36	1,804	1,309	372
1972	736	3.84239	2,828	372	17	1,726	1,324	167
1973	878	3.45558	3,034	167	7	1,604	1,349	255
1974	1,024	3.58105	3,667	255	0	2,194	1,496	232
1975	1,140	3.59561	4,099	232	0	1,732	1,394	1,205
1976	1,004	3.76594	3,781	1,205	3	2,097	1,618	1,274
1977	910	3.42857	3,120	1,274	3	2,270	1,248	879
1978	1,202	3.55324	4,271	879	3	2,431	1,708	1,014
1979	1,161	3.72438	4,324	1,014	3	2,706	1,794	841
1980	1,340	3.61045	4,838	841	7	3,028	2,113	545
1981	1,535	3.89186	5,974	545	13	2,683	2,247	1,602
1982	1,320	3.74773	4,947	1,602	21	2,219	2,050	2,301

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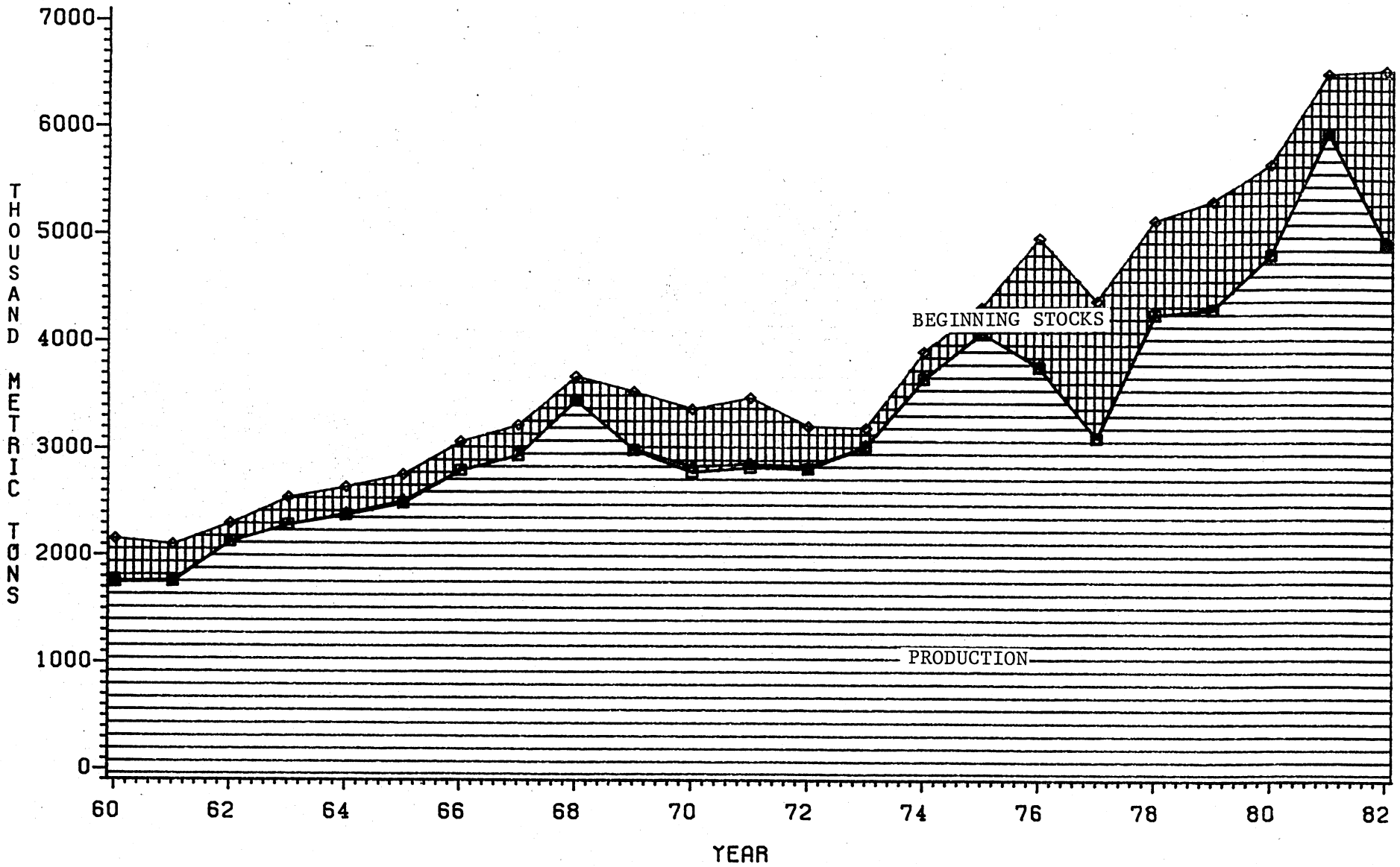
UNITED STATES

RICE SUPPLY 1960–1982



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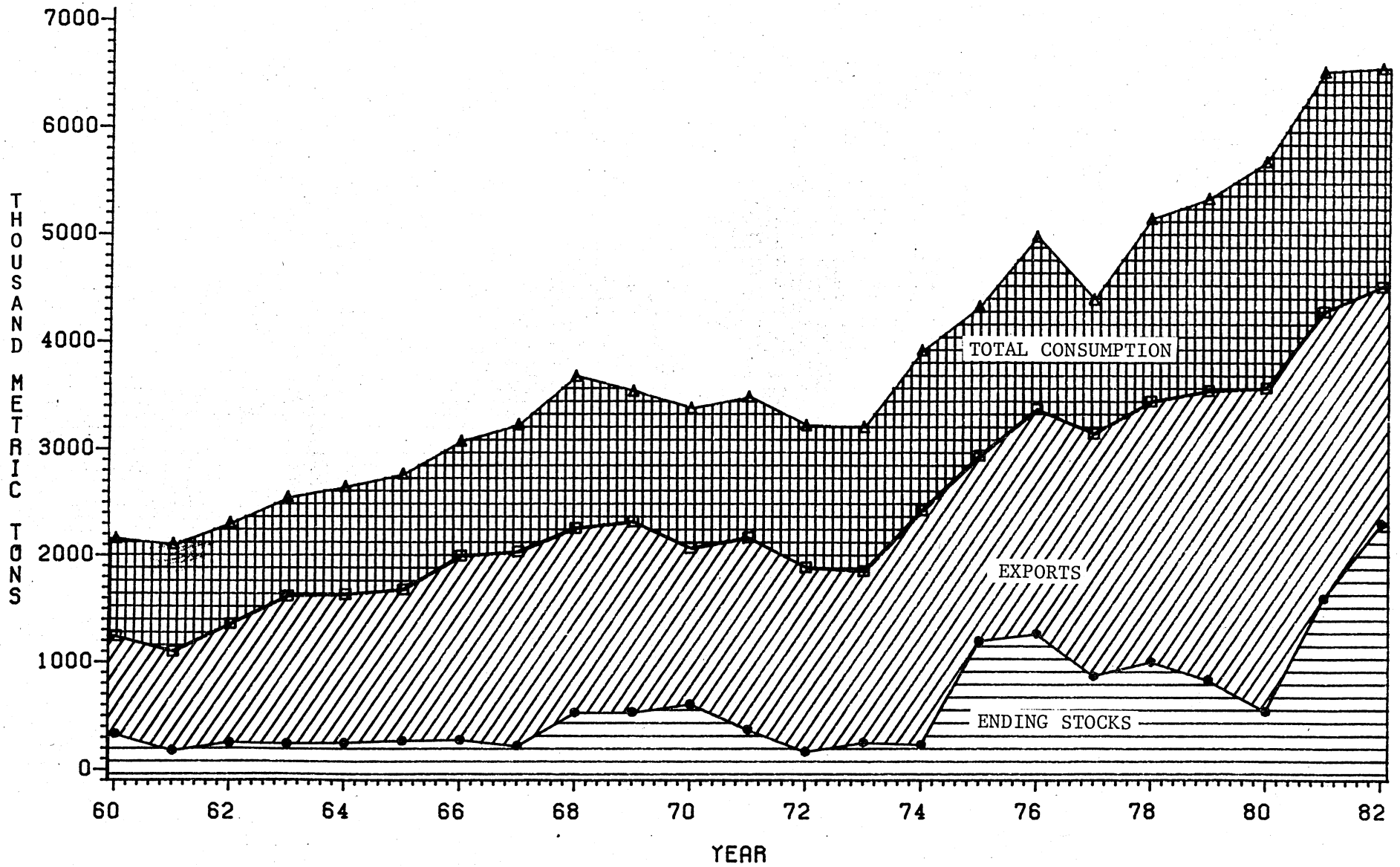
UNITED STATES

RICE UTILIZATION 1960–1982



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TABLE(2) CANADA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	0	.	0	0	48	0	48	0
1961	0	.	0	0	39	0	39	0
1962	0	.	0	0	39	0	39	0
1963	0	.	0	0	47	0	47	0
1964	0	.	0	0	46	0	46	0
1965	0	.	0	0	54	0	54	0
1966	0	.	0	0	39	0	39	0
1967	0	.	0	0	41	0	41	0
1968	0	.	0	0	42	0	42	0
1969	0	.	0	0	42	0	42	0
1970	0	.	0	0	48	0	48	0
1971	0	.	0	0	71	0	71	0
1972	0	.	0	0	66	0	66	0
1973	0	.	0	0	66	0	66	0
1974	0	.	0	0	56	0	56	0
1975	0	.	0	0	60	0	60	0
1976	0	.	0	0	66	0	66	0
1977	0	.	0	0	89	0	89	0
1978	0	.	0	0	89	0	89	0
1979	0	.	0	0	90	0	90	0
1980	0	.	0	0	99	0	99	0
1981	0	.	0	0	99	0	99	0
1982	0	.	0	0	108	0	108	0

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TABLE(3) BRAZIL SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	3,174	1.15532	3,667	314	0	151	3,516	314
1961	3,350	1.12806	3,779	314	0	44	3,735	314
1962	3,722	1.04863	3,903	314	0	0	3,903	314
1963	4,182	1.03180	4,315	314	0	12	4,303	314
1964	4,619	1.11583	5,154	314	0	237	4,917	314
1965	4,005	0.98502	3,945	314	0	289	3,656	314
1966	4,291	1.07644	4,619	314	0	32	4,587	314
1967	4,459	1.01435	4,523	314	0	158	4,365	314
1968	4,621	0.94092	4,348	314	0	70	4,278	314
1969	4,979	0.90801	4,521	314	0	95	3,686	1,054
1970	4,764	0.76994	3,668	1,054	1	143	4,546	34
1971	4,821	0.86497	4,170	34	9	20	3,770	423
1972	4,794	0.94076	4,510	423	11	49	4,701	194
1973	4,463	0.98768	4,408	194	20	30	4,472	120
1974	5,250	0.90667	4,760	120	40	3	4,455	462
1975	6,000	0.96333	5,780	462	0	182	4,972	1,088
1976	5,400	1.00741	5,440	1,088	0	388	5,325	815
1977	5,200	0.97827	5,087	815	78	65	5,591	324
1978	5,425	0.95171	5,163	324	736	0	5,768	455
1979	6,469	1.01314	6,554	455	242	0	6,120	1,131
1980	6,477	0.90690	5,874	1,131	0	50	6,256	699
1981	5,963	1.04394	6,225	699	180	14	6,392	698
1982	5,350	0.99140	5,304	698	340	7	6,181	154

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TABLE(4) ARGENTINA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	46	2.10870	97	25	0	11	95	16
1961	53	2.22642	118	16	0	37	90	7
1962	52	2.23077	116	7	0	14	86	23
1963	54	2.29630	124	23	0	5	101	41
1964	68	2.55882	174	41	0	49	106	60
1965	47	2.27660	107	60	0	35	106	26
1966	62	2.27419	141	26	0	32	109	26
1967	71	2.59155	184	26	0	46	111	53
1968	88	2.54545	224	53	0	78	117	82
1969	102	2.59804	265	82	0	96	148	103
1970	77	2.42857	187	103	0	82	150	58
1971	83	2.30120	191	58	0	29	165	55
1972	77	2.19481	169	55	0	34	135	55
1973	83	2.46988	205	55	0	56	130	74
1974	89	2.56180	228	74	0	61	141	100
1975	87	2.31034	201	100	0	111	140	50
1976	91	2.28571	208	50	0	170	66	22
1977	95	2.11579	201	22	0	99	112	12
1978	102	1.99020	203	12	0	70	120	25
1979	82	2.10976	173	25	0	95	100	3
1980	82	2.26829	186	3	9	95	100	3
1981	114	2.01754	230	3	0	97	115	21
1982	81	2.22222	180	21	0	70	110	21

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TABLE(5) MEXICO SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	143	1.53147	219	40	0	3	216	40
1961	146	1.52055	222	40	0	63	159	40
1962	134	1.44030	193	40	2	0	195	40
1963	135	1.45926	197	40	0	0	197	40
1964	133	1.37594	183	40	17	0	200	40
1965	138	1.82609	252	40	12	0	264	40
1966	153	1.62092	248	40	0	0	248	40
1967	168	1.65476	278	40	0	46	232	40
1968	138	1.67391	231	40	5	0	236	40
1969	153	1.71895	263	40	5	0	303	5
1970	150	1.80000	270	5	18	0	263	30
1971	153	1.60131	245	30	0	0	270	5
1972	165	1.69697	280	5	9	0	294	0
1973	170	1.70588	290	0	72	0	307	55
1974	173	1.87861	325	55	30	0	325	85
1975	214	2.24299	480	85	1	0	355	211
1976	145	2.06897	300	211	1	3	329	180
1977	170	2.05882	350	180	1	60	351	120
1978	125	2.20000	275	120	13	0	360	48
1979	160	2.00000	320	48	65	0	380	53
1980	130	2.00000	260	53	140	0	370	83
1981	180	2.16667	390	83	17	0	380	110
1982	170	2.00000	340	110	0	0	390	60

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TABLE(6) VENEZUELA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	42	1.11905	47	55	12	0	50	64
1961	58	0.91379	53	64	6	0	56	67
1962	69	0.97101	67	67	4	0	66	72
1963	74	1.14865	85	72	0	0	79	78
1964	91	1.18681	108	78	0	0	81	105
1965	105	1.23810	130	105	0	20	85	130
1966	110	1.15455	127	130	0	50	90	117
1967	114	1.27193	145	117	0	63	95	104
1968	115	1.38261	159	104	0	33	100	130
1969	119	1.33613	159	130	0	9	105	175
1970	130	1.13077	147	175	0	59	110	153
1971	113	0.81416	92	153	0	0	116	129
1972	65	1.64615	107	129	2	0	169	69
1973	113	1.73451	196	69	0	2	185	78
1974	117	1.64957	193	78	0	67	180	24
1975	114	2.07018	236	24	0	21	150	89
1976	93	1.93548	180	89	0	1	130	138
1977	170	1.89412	322	138	0	0	210	250
1978	166	2.13253	354	250	0	0	246	358
1979	172	2.46512	424	358	0	0	319	463
1980	225	2.05778	463	463	0	0	633	293
1981	243	1.82305	443	293	0	0	303	433
1982	223	1.95516	436	433	0	26	524	319

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TABLE(7) CENTRAL AMERICA & CARIBBEAN ISLANDS
SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	311	0.88746	276	63	62	4	334	63
1961	315	0.91111	287	63	73	17	343	63
1962	322	0.92547	298	63	74	3	369	63
1963	334	0.93713	313	63	106	3	416	63
1964	367	0.95368	350	63	103	6	447	63
1965	388	0.97680	379	63	111	15	475	63
1966	396	1.00758	399	63	94	15	478	63
1967	414	1.00483	416	63	80	28	468	63
1968	430	1.07442	462	63	80	26	516	63
1969	415	1.08193	449	63	77	24	515	50
1970	354	1.20056	425	50	128	11	537	55
1971	357	1.33053	475	55	85	8	529	78
1972	354	1.27119	450	78	78	8	543	55
1973	387	1.37984	534	55	116	21	606	78
1974	418	1.33971	560	78	170	6	660	142
1975	403	1.51861	612	142	151	7	717	181
1976	405	1.36049	551	181	118	35	696	119
1977	420	1.40238	589	119	156	47	702	115
1978	435	1.50345	654	115	140	62	728	119
1979	432	1.53472	663	119	139	65	778	78
1980	452	1.49336	675	78	211	38	839	87
1981	461	1.65944	765	87	175	20	833	174
1982	462	1.49567	691	174	154	21	866	132

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TABLE(8) SOUTH AMERICA(OTHER) SUPPLY/UTILISATION OF RICE (1000MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	604	1.51490	915	182	46	147	811	185
1961	629	1.51351	952	185	64	163	858	180
1962	688	1.55814	1,072	180	18	140	944	186
1963	638	1.46238	933	186	11	162	798	170
1964	732	1.52596	1,117	170	65	141	1,028	183
1965	800	1.36875	1,095	183	110	167	1,047	174
1966	805	1.50683	1,213	174	122	186	1,130	193
1967	785	1.55159	1,218	193	69	164	1,135	181
1968	655	1.81221	1,187	181	66	164	1,067	203
1969	736	1.72554	1,270	203	90	161	1,185	217
1970	733	1.93179	1,416	217	38	163	1,252	256
1971	745	2.01477	1,501	256	26	144	1,284	355
1972	728	2.14973	1,565	355	19	181	1,505	253
1973	746	2.19303	1,636	253	37	239	1,479	208
1974	857	2.26371	1,940	208	32	195	1,686	299
1975	958	2.27453	2,179	299	122	323	1,784	493
1976	944	2.24682	2,121	493	74	335	1,872	481
1977	934	2.23555	2,088	481	33	369	1,762	471
1978	978	2.23006	2,181	471	11	378	1,955	330
1979	1,021	2.41332	2,464	330	181	378	2,157	440
1980	1,011	2.42631	2,453	440	310	405	2,272	526
1981	1,041	2.58598	2,692	526	128	474	2,375	497
1982	1,128	2.51950	2,842	497	86	402	2,354	669

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TABLE(9) EGYPT SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	297	3.35354	996	0	0	203	793	0
1961	226	3.38496	765	0	0	144	621	0
1962	349	3.91117	1,365	0	0	380	985	0
1963	403	3.68983	1,487	0	0	527	960	0
1964	404	3.37624	1,364	0	0	330	1,034	0
1965	356	3.36798	1,199	0	0	347	852	0
1966	355	3.16901	1,125	0	0	435	690	0
1967	452	3.37832	1,527	0	0	570	957	0
1968	507	3.41815	1,733	0	0	772	961	0
1969	502	3.41235	1,713	0	0	654	1,059	0
1970	480	3.63542	1,745	0	0	515	1,230	0
1971	487	3.68789	1,796	0	0	456	1,340	0
1972	481	3.49272	1,680	0	0	298	1,382	0
1973	450	3.38667	1,524	0	0	136	1,388	0
1974	442	3.39819	1,502	0	1	104	1,399	0
1975	442	3.67421	1,624	0	0	211	1,413	0
1976	453	3.40177	1,541	0	7	223	1,325	0
1977	437	3.48284	1,522	0	7	150	1,379	0
1978	433	3.63741	1,575	0	0	95	1,480	0
1979	435	3.86667	1,682	0	0	178	1,504	0
1980	408	3.91422	1,597	0	7	134	1,470	0
1981	402	3.72637	1,498	0	0	22	1,476	0
1982	430	3.79767	1,633	0	0	21	1,612	0

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

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	395	1.41519	559	8	244	2	801	8
1961	353	1.27762	451	8	209	2	658	8
1962	364	1.71703	625	8	204	3	826	8
1963	409	1.66259	680	8	306	2	984	8
1964	379	1.92348	729	8	187	2	913	9
1965	365	2.20548	805	9	236	25	1,016	9
1966	361	2.24377	810	9	264	15	1,058	10
1967	367	2.55041	936	10	189	7	1,118	10
1968	430	2.37907	1,023	10	211	7	1,225	12
1969	359	2.50418	899	12	241	4	1,134	14
1970	347	2.48703	863	14	478	4	1,303	48
1971	391	2.27110	888	48	558	13	1,433	48
1972	386	2.18135	842	48	546	16	1,275	145
1973	376	2.05851	774	145	784	3	1,526	174
1974	343	2.23615	767	174	997	0	1,725	213
1975	345	2.44638	844	213	910	6	1,753	208
1976	376	2.55851	962	208	1,320	20	2,041	429
1977	393	2.12723	836	429	1,061	14	2,106	206
1978	383	2.50914	961	206	1,406	17	2,464	92
1979	366	2.90710	1,064	92	1,739	113	2,633	149
1980	382	2.53665	969	149	1,977	155	2,788	152
1981	402	2.88308	1,159	152	1,804	125	2,829	161
1982	412	2.65291	1,093	161	2,067	36	2,976	309

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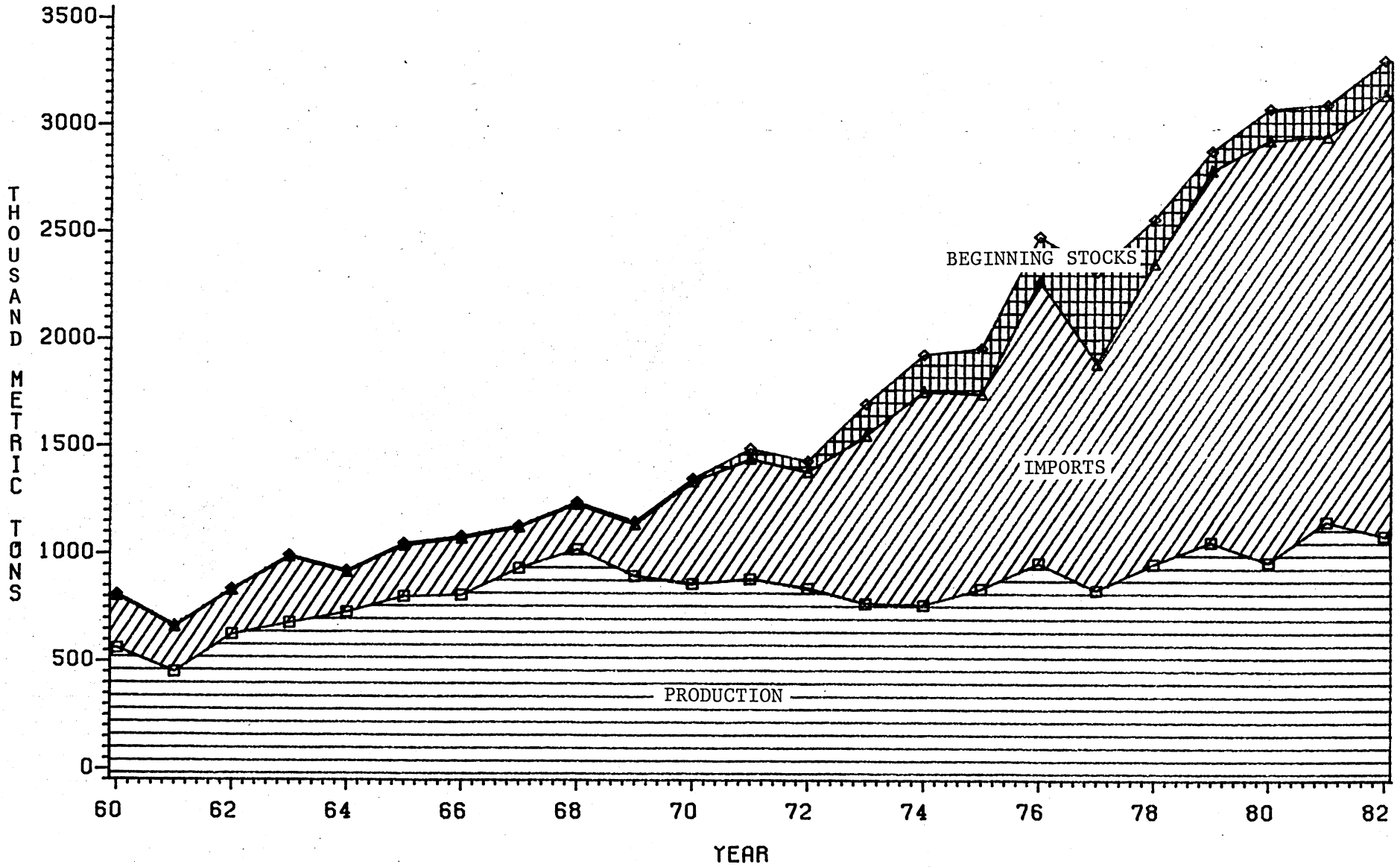
HIGH INCOME N. AFRICA AND MIDDLE EAST

RICE SUPPLY 1960–1982



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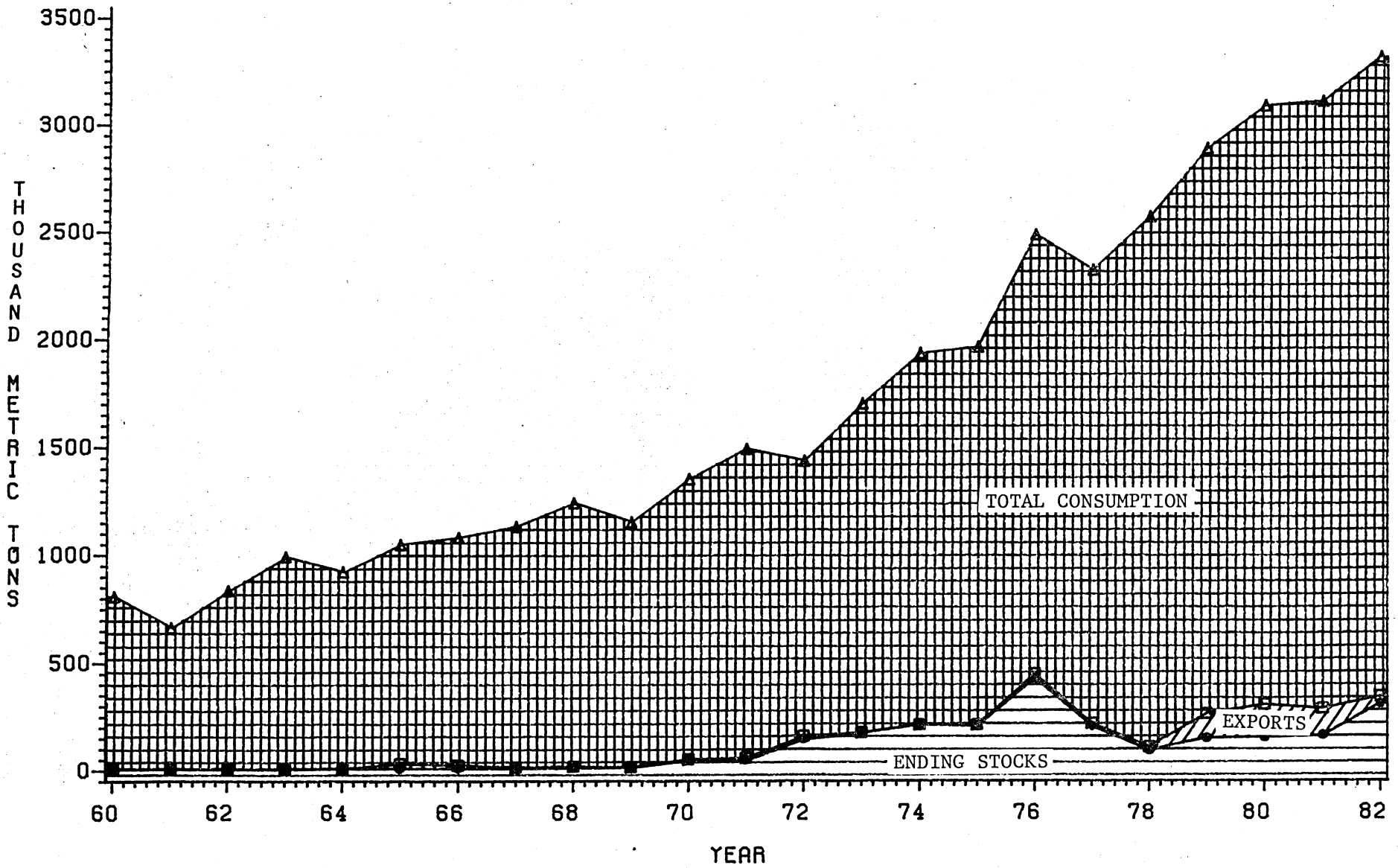
HIGH INCOME N. AFRICA AND MIDDLE EAST

RICE UTILIZATION 1960–1982



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

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	48	2.58333	124	55	109	6	237	45
1961	66	2.30303	152	45	94	5	231	55
1962	88	2.02273	178	55	107	6	279	55
1963	61	2.37705	145	55	100	12	233	55
1964	42	2.83333	119	55	112	8	225	53
1965	57	2.56140	146	53	123	5	268	49
1966	72	2.33333	168	49	118	12	265	58
1967	68	2.35294	160	58	124	14	272	56
1968	59	2.64407	156	56	130	17	267	58
1969	71	2.35211	167	58	168	17	322	54
1970	81	2.35802	191	54	144	9	320	60
1971	71	2.56338	182	60	135	3	308	66
1972	59	2.27119	134	66	185	5	341	39
1973	70	2.44286	171	39	186	4	343	49
1974	73	2.41096	176	49	243	4	367	97
1975	69	2.55072	176	97	174	4	385	58
1976	72	2.47222	178	58	167	4	340	59
1977	72	2.65278	191	59	153	3	338	62
1978	86	2.51163	216	62	280	1	462	95
1979	88	2.76136	243	95	263	1	462	138
1980	60	3.28333	197	138	207	14	425	103
1981	79	2.70886	214	103	279	2	471	123
1982	82	2.63415	216	123	287	4	519	103

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TABLE(12) REPUBLIC OF SOUTH AFRICA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	0	.	0	0	51	0	51	0
1961	0	.	0	0	52	7	45	0
1962	0	.	0	0	44	7	37	0
1963	0	.	0	0	60	9	51	0
1964	0	.	0	0	59	9	50	0
1965	0	.	0	0	67	10	57	0
1966	0	.	0	0	74	12	62	0
1967	0	.	0	0	78	13	65	0
1968	0	.	0	0	79	16	63	0
1969	0	.	0	0	81	15	66	0
1970	0	.	0	0	68	14	54	0
1971	0	.	0	0	82	16	66	0
1972	0	.	0	0	75	2	73	0
1973	0	.	0	0	92	0	92	0
1974	0	.	0	0	65	0	65	0
1975	0	.	0	0	79	0	79	0
1976	0	.	0	0	81	0	81	0
1977	0	.	0	0	99	0	99	0
1978	0	.	0	0	92	0	92	0
1979	0	.	0	0	121	0	121	0
1980	0	.	0	0	126	0	126	0
1981	0	.	0	0	134	0	134	0
1982	0	.	0	0	146	0	146	0

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TABLE(13) SOUTH AFRICA(OTHER) SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	2	2.00000	4	0	0	0	4	0
1961	2	2.00000	4	0	0	0	4	0
1962	2	2.00000	4	0	0	0	4	0
1963	2	2.00000	4	0	0	0	4	0
1964	2	2.00000	4	0	0	0	4	0
1965	2	2.00000	4	0	0	0	4	0
1966	2	2.00000	4	0	0	0	4	0
1967	2	2.00000	4	0	0	0	4	0
1968	2	2.00000	4	0	0	0	4	0
1969	2	2.50000	5	0	0	0	5	0
1970	2	3.00000	6	0	0	5	1	0
1971	2	2.50000	5	0	0	4	1	0
1972	2	1.50000	3	0	0	2	1	0
1973	1	3.00000	3	0	0	2	1	0
1974	2	1.50000	3	0	0	2	1	0
1975	2	1.50000	3	0	0	2	1	0
1976	2	1.50000	3	0	0	2	1	0
1977	2	1.50000	3	0	0	0	3	0
1978	2	1.50000	3	0	0	0	3	0
1979	2	1.50000	3	0	0	0	3	0
1980	2	1.50000	3	0	0	0	3	0
1981	2	1.50000	3	0	0	0	3	0
1982	2	1.50000	3	0	0	0	3	0

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TABLE(14) CENTRAL AFRICA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	1,563	0.81702	1,277	66	366	12	1,631	66
1961	1,619	0.69981	1,133	66	461	4	1,590	66
1962	1,694	0.77863	1,319	66	429	1	1,747	66
1963	1,671	0.73489	1,228	66	581	2	1,807	66
1964	1,738	0.81473	1,416	66	598	2	2,012	66
1965	1,812	0.73179	1,326	66	613	4	1,935	66
1966	1,889	0.75490	1,426	66	535	3	1,958	66
1967	2,003	0.79081	1,584	66	600	2	2,182	66
1968	1,967	0.76716	1,509	66	489	1	1,997	66
1969	2,053	0.77302	1,587	66	577	2	2,162	66
1970	2,236	0.72853	1,629	66	704	4	2,287	108
1971	2,296	0.77352	1,776	108	649	5	2,429	99
1972	2,288	0.71766	1,642	99	770	4	2,364	143
1973	2,342	0.69855	1,636	143	743	4	2,365	153
1974	2,508	0.70494	1,768	153	493	8	2,225	181
1975	2,582	0.77963	2,013	181	530	8	2,537	179
1976	2,601	0.79085	2,057	179	1,015	31	2,981	239
1977	2,642	0.78615	2,077	239	1,488	2	3,482	320
1978	2,846	0.77934	2,218	320	2,029	1	3,839	727
1979	2,715	0.80737	2,192	727	1,476	6	3,992	397
1980	2,835	0.80776	2,290	397	1,787	12	4,132	330
1981	2,914	0.82841	2,414	330	2,208	10	4,610	332
1982	2,972	0.86238	2,563	332	2,277	17	4,780	375

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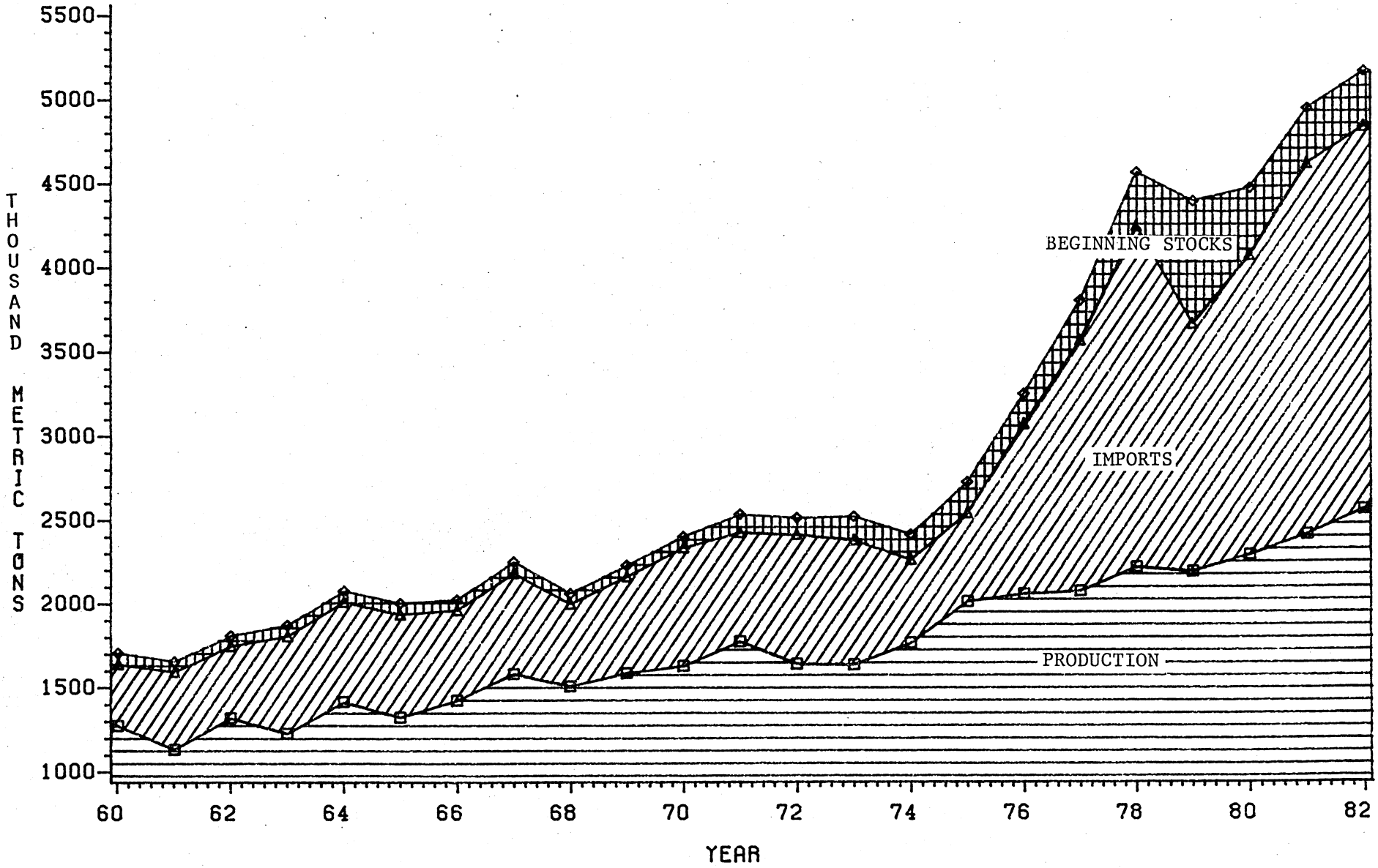
CENTRAL AFRICA

RICE SUPPLY 1960–1982



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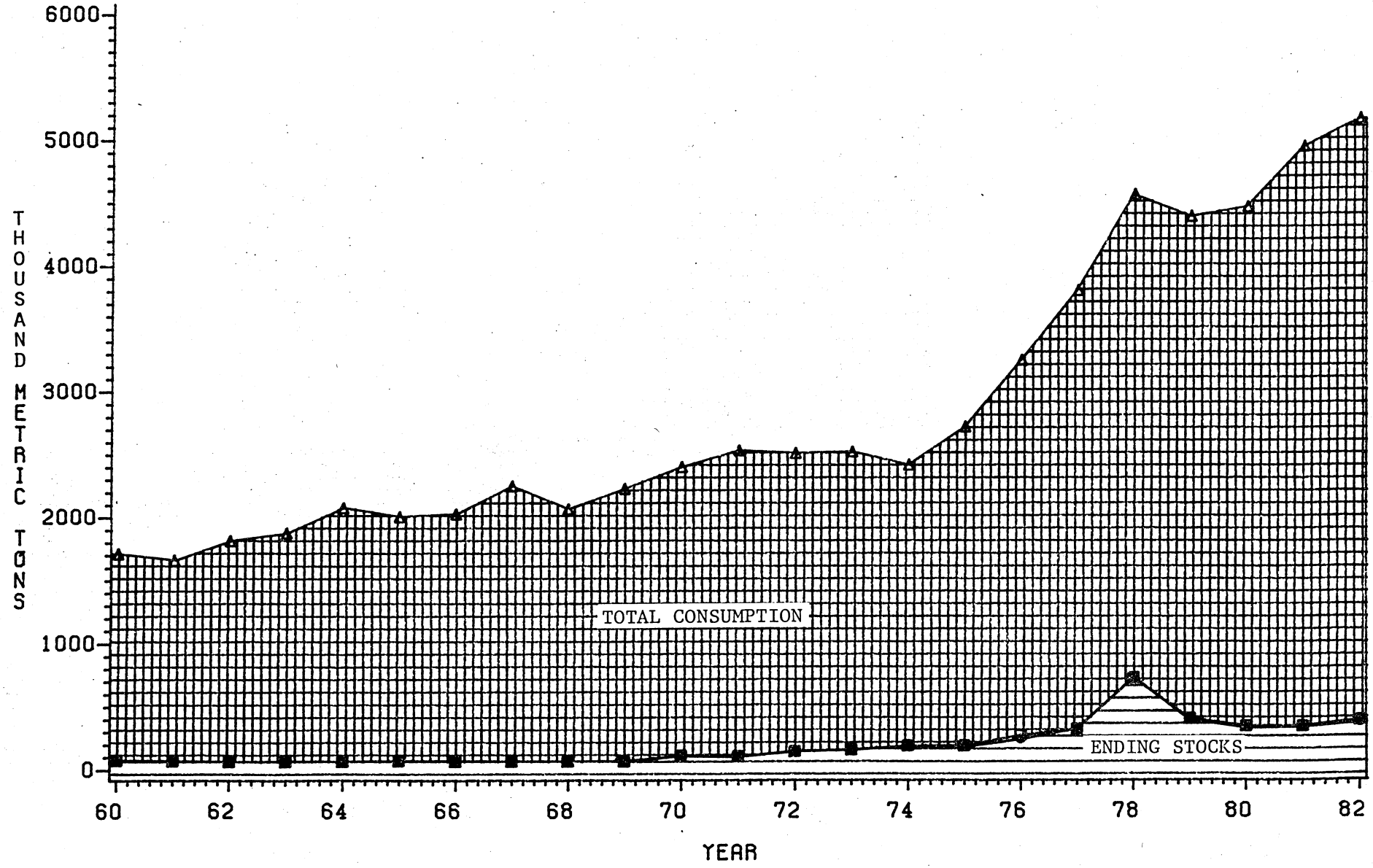
RICE UTILIZATION 1960–1982



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TABLE(15) EAST AFRICA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	899	1.02892	925	9	9	28	906	9
1961	885	1.01582	899	9	23	58	864	9
1962	1,035	1.11981	1,159	9	32	37	1,154	9
1963	985	1.12589	1,109	9	22	32	1,099	9
1964	1,032	1.20252	1,241	9	95	20	1,316	9
1965	1,008	1.16964	1,179	9	40	27	1,192	9
1966	1,112	1.16277	1,293	9	32	47	1,278	9
1967	1,110	1.23243	1,368	9	31	73	1,326	9
1968	1,124	1.21085	1,361	9	63	52	1,372	9
1969	1,121	1.22034	1,368	9	37	69	1,336	9
1970	1,162	1.21859	1,416	9	85	37	1,464	9
1971	1,136	1.25704	1,428	9	64	30	1,462	9
1972	1,119	1.21895	1,364	9	79	14	1,429	9
1973	1,269	1.06304	1,349	9	109	11	1,447	9
1974	1,355	1.07454	1,456	9	137	5	1,572	25
1975	1,351	1.01184	1,367	25	205	4	1,553	40
1976	1,278	1.16980	1,495	40	159	4	1,645	45
1977	1,331	1.08715	1,447	45	300	3	1,767	22
1978	1,395	1.02222	1,426	22	287	1	1,723	11
1979	1,451	1.06685	1,548	11	319	1	1,856	21
1980	1,456	1.06387	1,549	21	352	1	1,885	36
1981	1,408	1.00994	1,422	36	523	0	1,944	37
1982	1,363	1.03375	1,409	37	464	0	1,855	55

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TABLE(16) PEOPLE REPUBLIC OF CHINA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	31,500	1.61867	50,988	0	0	428	50,560	0
1961	26,276	1.42898	37,548	0	0	458	37,090	0
1962	26,935	1.63690	44,090	0	0	684	43,406	0
1963	27,715	1.86311	51,636	0	0	762	50,874	0
1964	29,607	1.96237	58,100	0	0	985	57,115	0
1965	29,825	2.05884	61,405	0	0	1,487	59,918	0
1966	30,529	2.18720	66,773	0	0	1,577	65,196	0
1967	30,436	2.15469	65,580	0	0	1,299	64,281	0
1968	29,894	2.21349	66,170	0	0	1,179	64,991	0
1969	30,432	2.18671	66,546	0	5	1,280	65,271	0
1970	32,358	2.37941	76,993	0	8	1,292	75,709	0
1971	34,918	2.30950	80,643	0	19	1,426	79,236	0
1972	35,143	2.25786	79,348	0	0	2,631	76,717	0
1973	35,090	2.42847	85,215	0	102	2,060	83,257	0
1974	35,512	2.44236	86,733	0	30	1,630	85,133	0
1975	35,729	2.45996	87,892	0	114	876	87,130	0
1976	36,217	2.43154	88,063	0	0	1,033	87,030	0
1977	35,526	2.53324	89,996	0	0	1,435	88,561	0
1978	34,421	2.78464	95,850	0	71	1,053	94,868	0
1979	33,344	3.01778	100,625	0	18	1,116	99,527	0
1980	33,878	2.89078	97,934	0	110	583	97,461	0
1981	33,293	3.02670	100,768	0	250	460	100,558	0
1982	33,056	3.41445	112,868	0	75	550	112,393	0

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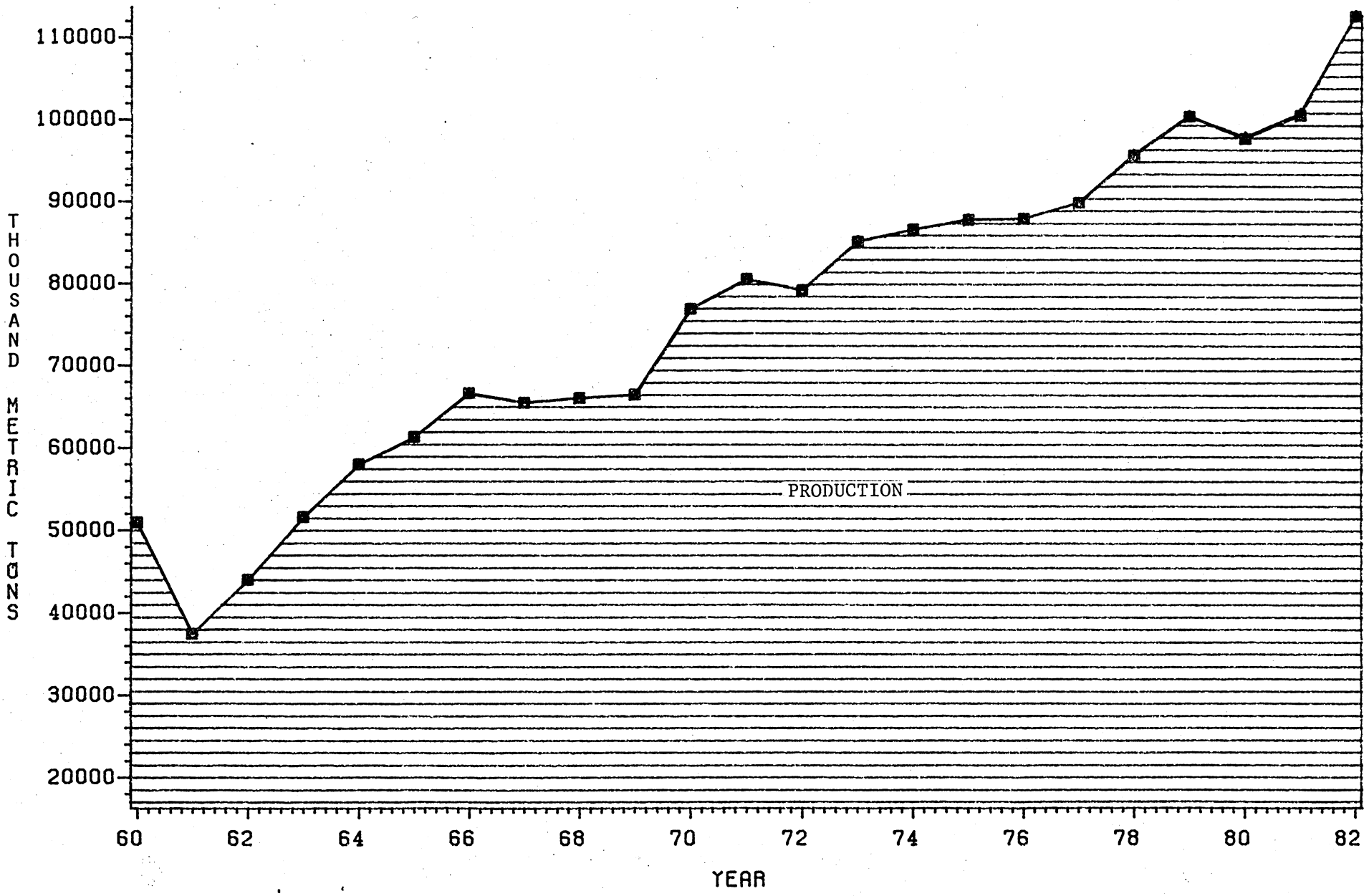
PEOPLES REPUBLIC OF CHINA

RICE SUPPLY 1960–1982



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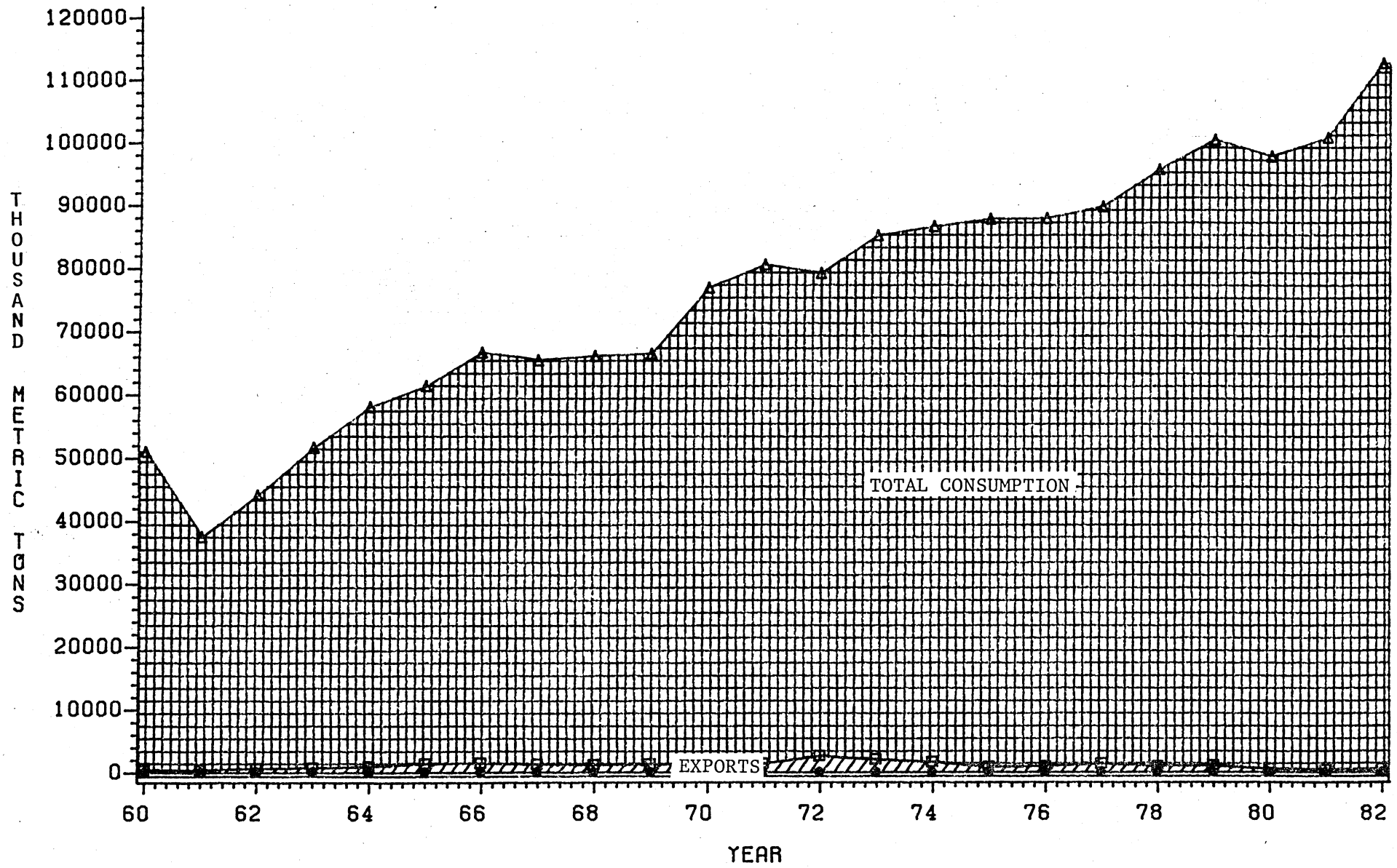
PEOPLES REPUBLIC OF CHINA

RICE UTILIZATION 1960–1982



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TABLE(17) JAPAN SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	3,308	3.53688	11,700	1,486	140	0	11,900	1,426
1961	3,301	3.42351	11,301	1,426	173	0	11,909	991
1962	3,285	3.60365	11,838	991	177	0	12,115	891
1963	3,272	3.56326	11,659	891	410	0	12,061	899
1964	3,260	3.51258	11,451	899	880	0	12,186	1,044
1965	3,255	3.46912	11,292	1,044	893	0	11,880	1,349
1966	3,254	3.56423	11,598	1,349	475	0	11,700	1,722
1967	3,263	4.03065	13,152	1,722	298	0	11,555	3,617
1968	3,280	4.00854	13,148	3,617	52	300	11,187	5,330
1969	3,274	3.89218	12,743	5,330	15	508	10,480	7,100
1970	2,923	3.95039	11,547	7,100	10	910	11,690	6,057
1971	2,695	3.67607	9,907	6,057	0	217	12,459	3,288
1972	2,640	4.09811	10,819	3,288	24	572	11,829	1,730
1973	2,622	4.21663	11,056	1,730	57	305	11,017	1,521
1974	2,724	4.10646	11,186	1,521	35	42	10,924	1,776
1975	2,764	4.33430	11,980	1,776	20	0	10,700	3,076
1976	2,779	3.85498	10,713	3,076	21	0	10,466	3,344
1977	2,757	4.32209	11,916	3,344	64	91	10,026	5,207
1978	2,584	4.43344	11,456	5,207	18	467	10,299	5,915
1979	2,497	4.35803	10,882	5,915	14	648	10,102	6,061
1980	2,377	3.73286	8,873	6,061	75	909	10,100	4,000
1981	2,278	4.09877	9,337	4,000	66	304	10,642	2,457
1982	2,257	4.14089	9,346	2,457	14	223	10,774	820

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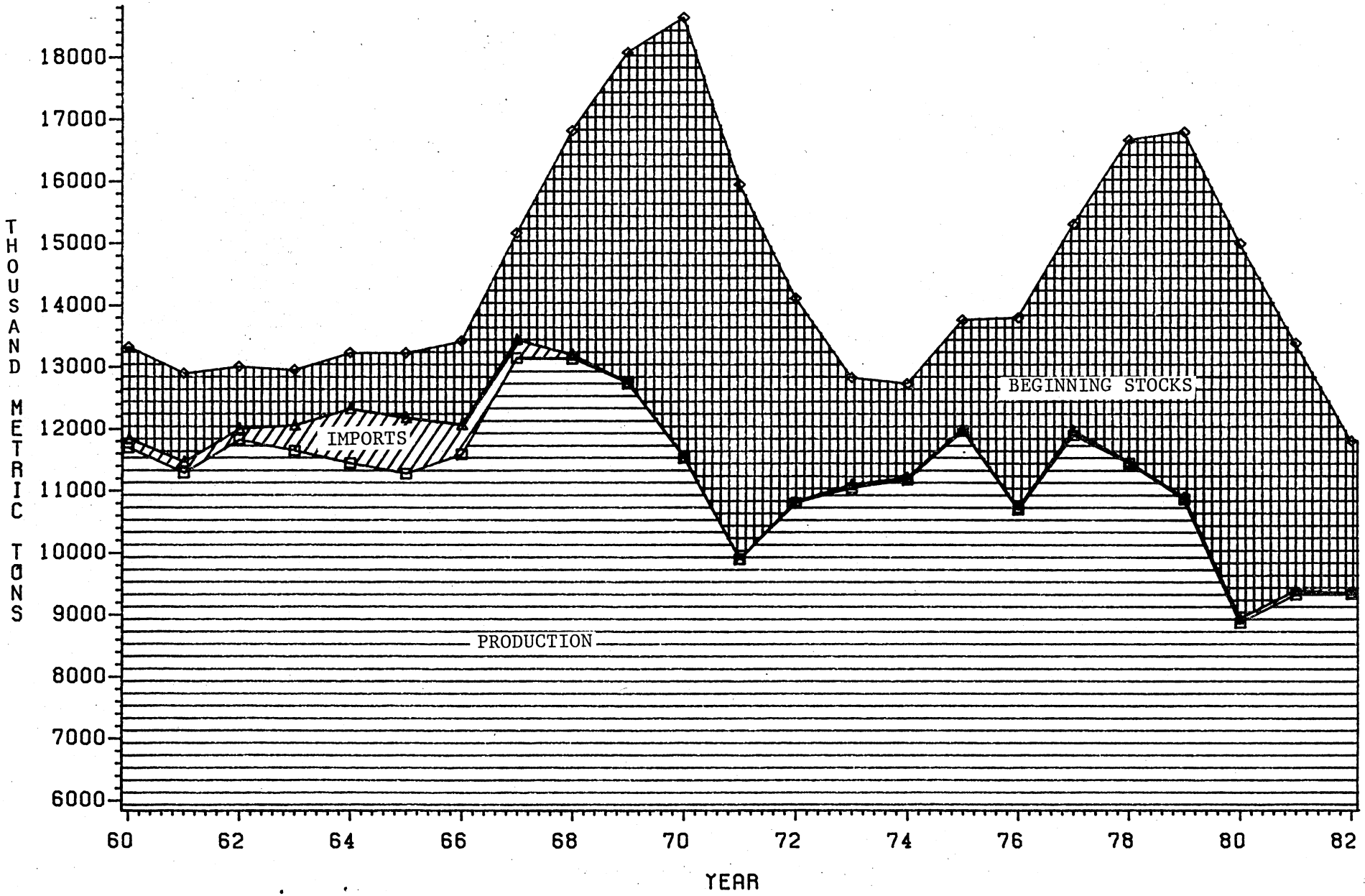
JAPAN

RICE SUPPLY 1960–1982



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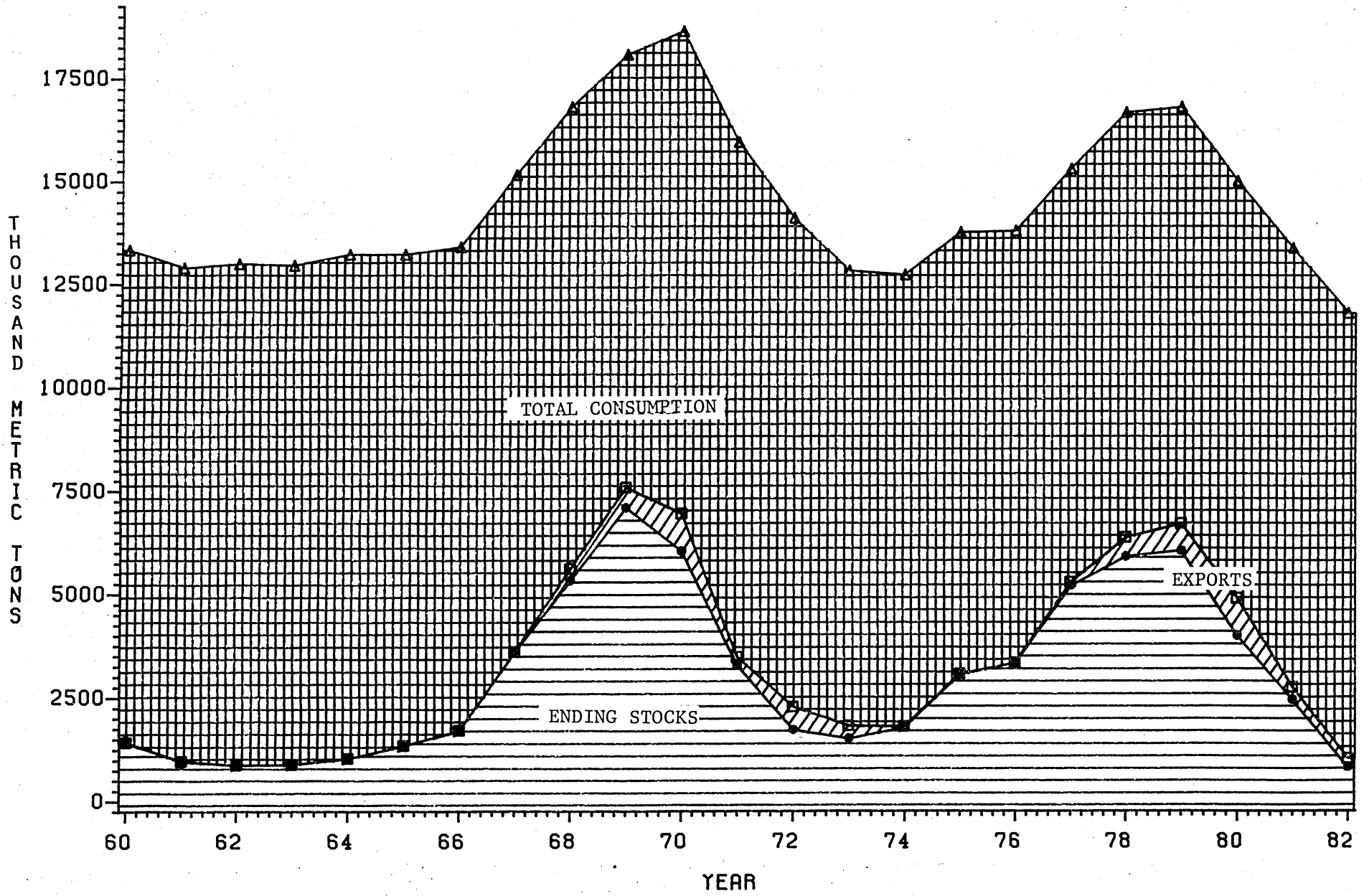
JAPAN

RICE UTILIZATION 1960–1982



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TABLE(18) INDIA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	34,128	1.01497	34,639	3,000	401	67	35,473	2,500
1961	34,694	1.02793	35,663	2,500	403	2	36,064	2,500
1962	35,695	0.93058	33,217	2,500	510	5	33,722	2,500
1963	35,809	1.03320	36,998	2,500	635	3	36,130	4,000
1964	36,462	1.07805	39,308	4,000	726	3	37,531	6,500
1965	35,470	0.86239	30,589	6,500	785	3	31,371	6,500
1966	35,251	0.86346	30,438	6,500	455	0	32,893	4,500
1967	36,437	1.03225	37,612	4,500	446	0	37,058	5,500
1968	36,967	1.07558	39,761	5,500	487	15	40,033	5,700
1969	37,680	1.07298	40,430	5,700	206	27	41,309	5,000
1970	37,592	1.12324	42,225	5,000	307	20	41,512	6,000
1971	37,758	1.14063	43,068	6,000	133	10	43,541	5,650
1972	36,688	1.06970	39,245	5,650	0	15	40,780	4,100
1973	38,286	1.15058	44,051	4,100	65	35	43,181	5,000
1974	37,889	1.04460	39,579	5,000	155	18	43,502	1,214
1975	39,475	1.23471	48,740	1,214	230	38	43,646	6,500
1976	38,511	1.08844	41,917	6,500	42	23	43,436	5,000
1977	40,282	1.30622	52,617	5,000	10	143	49,484	8,000
1978	40,482	1.32832	53,773	8,000	10	450	50,333	11,000
1979	39,414	1.07398	42,330	11,000	5	425	45,910	7,000
1980	40,152	1.33570	53,631	7,000	70	900	53,301	6,500
1981	40,708	1.30805	53,248	6,500	10	675	54,083	5,000
1982	37,794	1.23094	46,522	5,000	80	200	48,402	3,000

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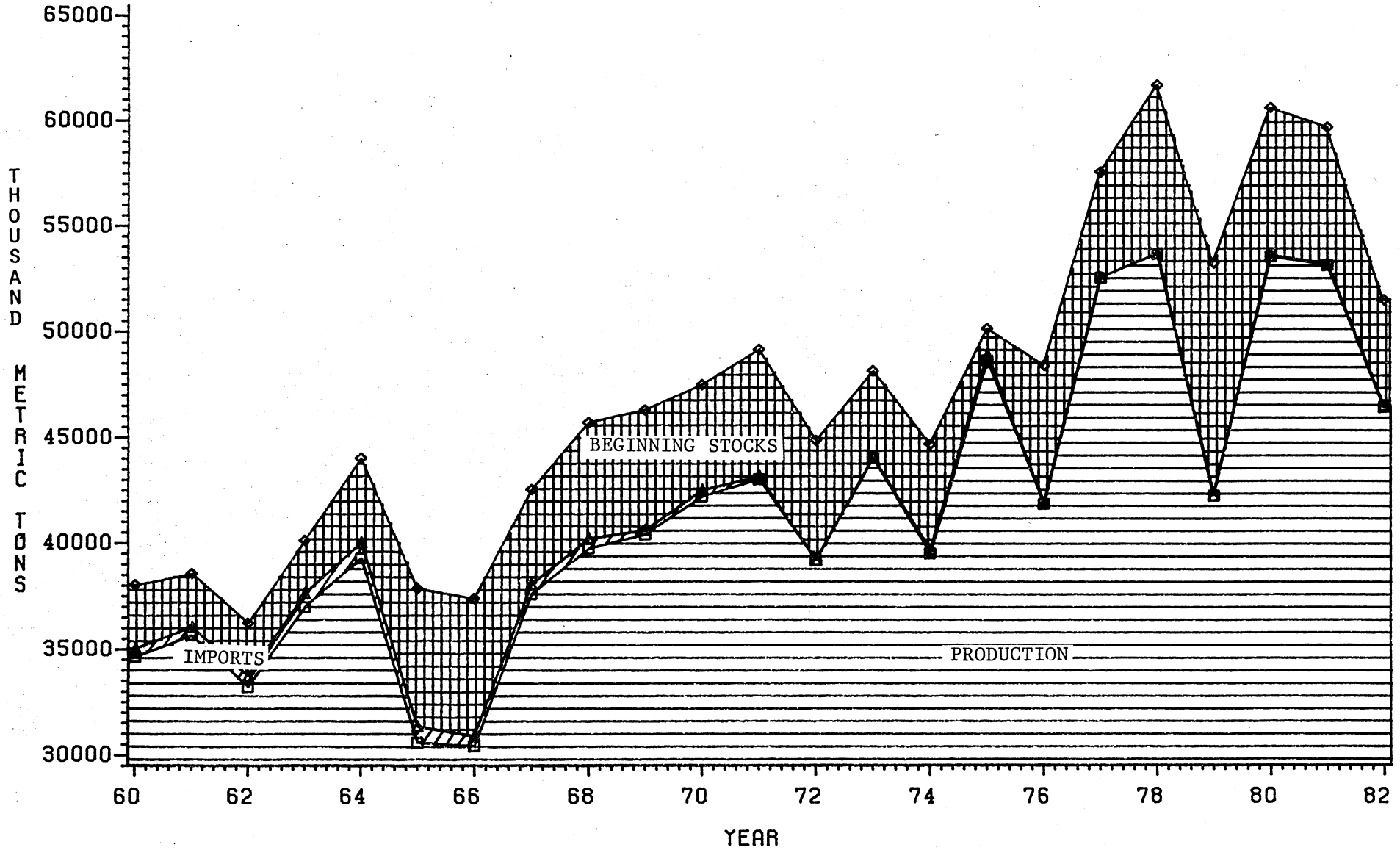
INDIA

RICE SUPPLY 1960–1982



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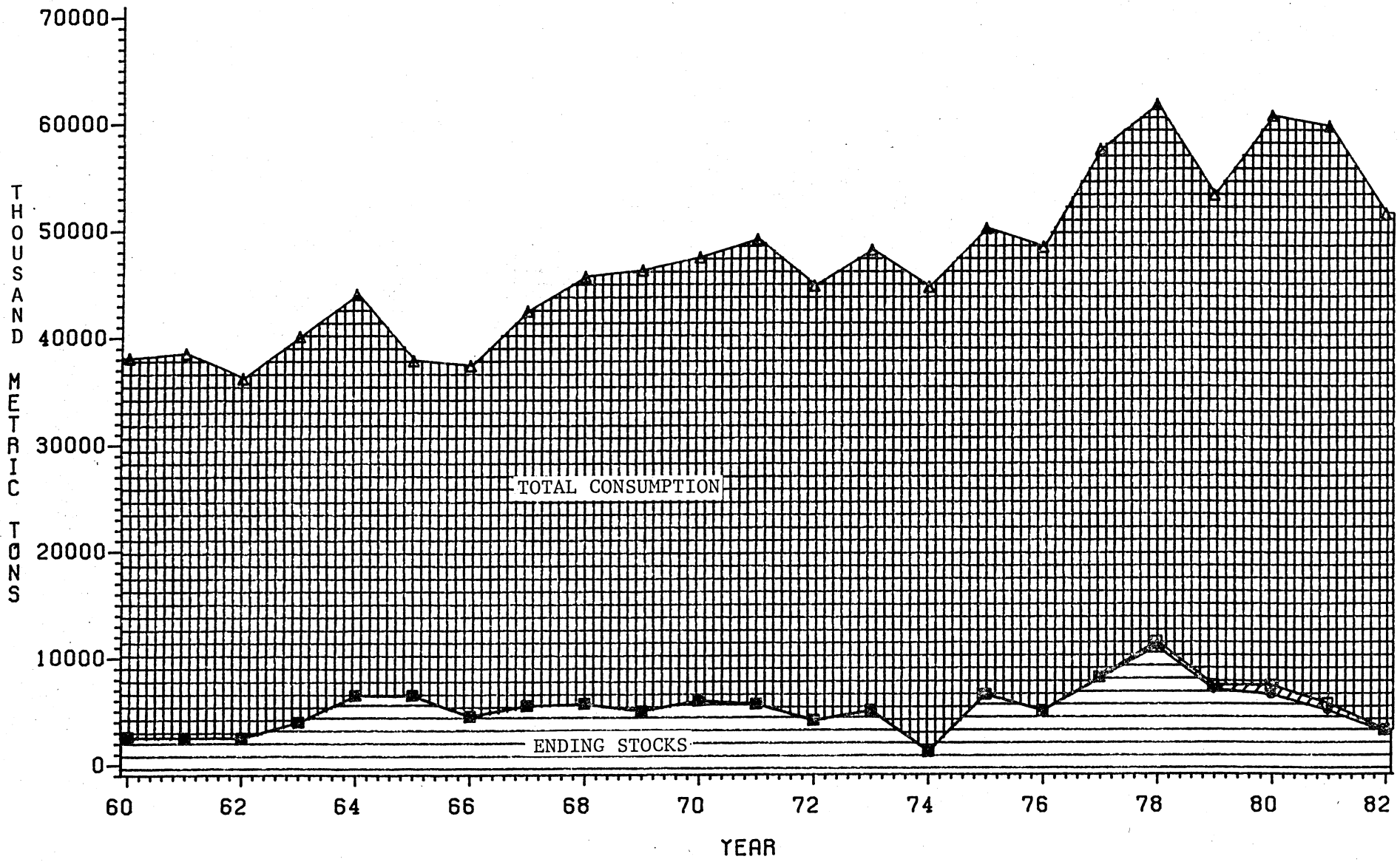
INDIA

RICE UTILIZATION 1960–1982



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TABLE(19) SOUTH ASIA(OTHER) SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	11,925	1.07958	12,874	581	936	199	13,611	581
1961	11,564	1.12132	12,967	581	832	289	13,510	581
1962	11,793	1.03943	12,258	581	685	315	12,628	581
1963	12,621	1.11925	14,126	581	977	316	14,787	581
1964	12,527	1.14026	14,284	581	895	457	14,722	581
1965	12,587	1.11623	14,050	581	836	382	14,504	581
1966	12,413	1.05897	13,145	581	1,114	448	13,811	581
1967	13,303	1.13636	15,117	581	722	369	15,470	581
1968	13,325	1.20113	16,005	581	525	432	16,098	581
1969	13,938	1.22679	17,099	581	625	351	17,373	581
1970	13,516	1.19976	16,216	581	881	429	16,477	772
1971	12,906	1.17155	15,120	772	1,129	426	15,742	853
1972	13,052	1.13622	14,830	853	650	1,114	14,694	525
1973	13,500	1.26948	17,138	525	424	805	16,660	622
1974	13,528	1.22657	16,593	622	564	536	16,640	603
1975	14,155	1.28520	18,192	603	824	926	17,878	815
1976	13,803	1.24813	17,228	815	618	1,019	17,269	373
1977	14,067	1.34201	18,878	373	847	880	18,232	986
1978	14,458	1.33117	19,246	986	233	1,124	18,480	861
1979	14,342	1.31899	18,917	861	942	1,086	18,895	739
1980	14,448	1.41168	20,396	739	293	1,208	19,192	1,028
1981	14,784	1.38968	20,545	1,028	338	922	20,069	920
1982	14,859	1.39027	20,658	920	586	1,146	20,046	972

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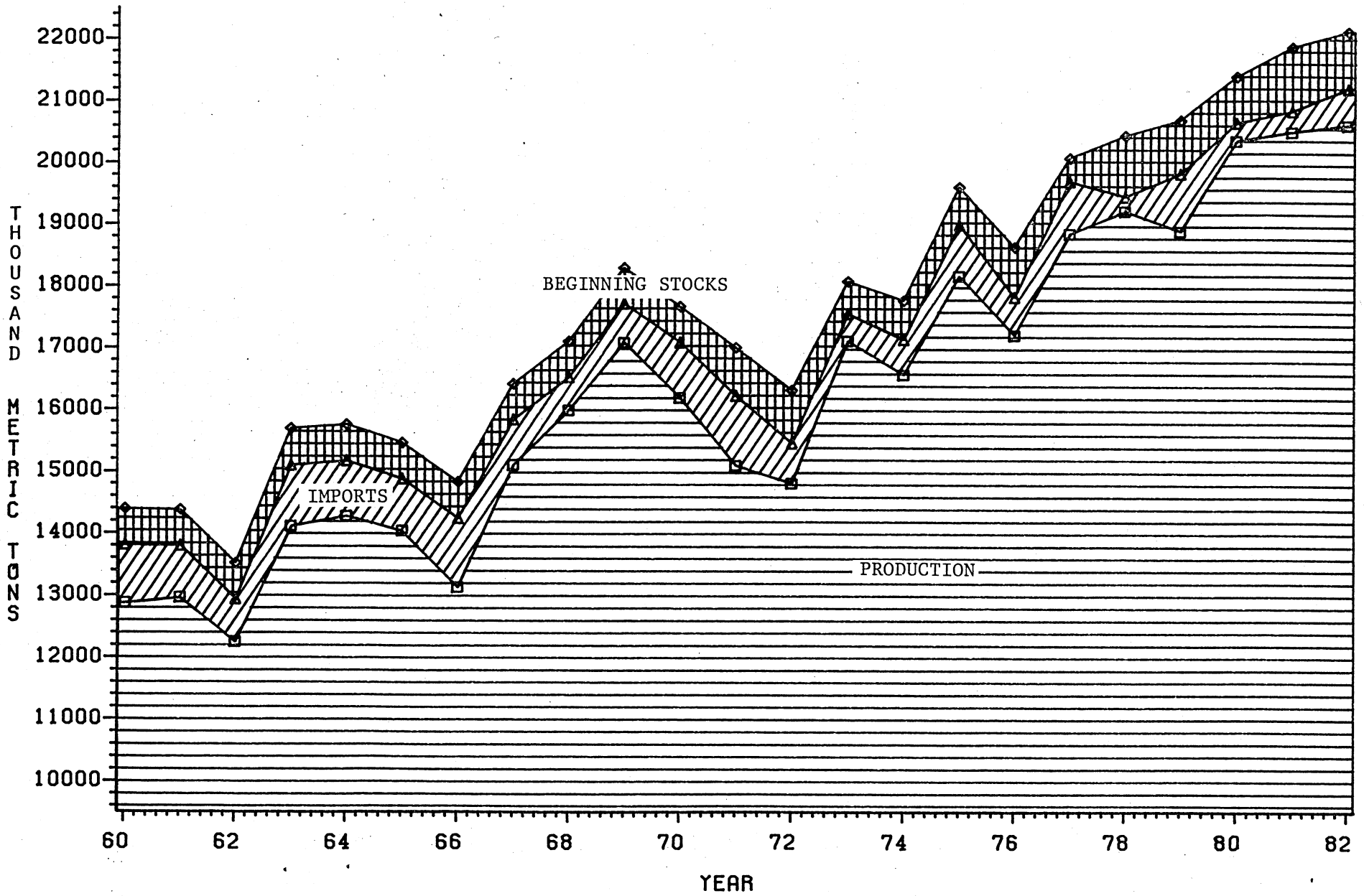
OTHER SOUTH ASIA

RICE SUPPLY 1960–1982



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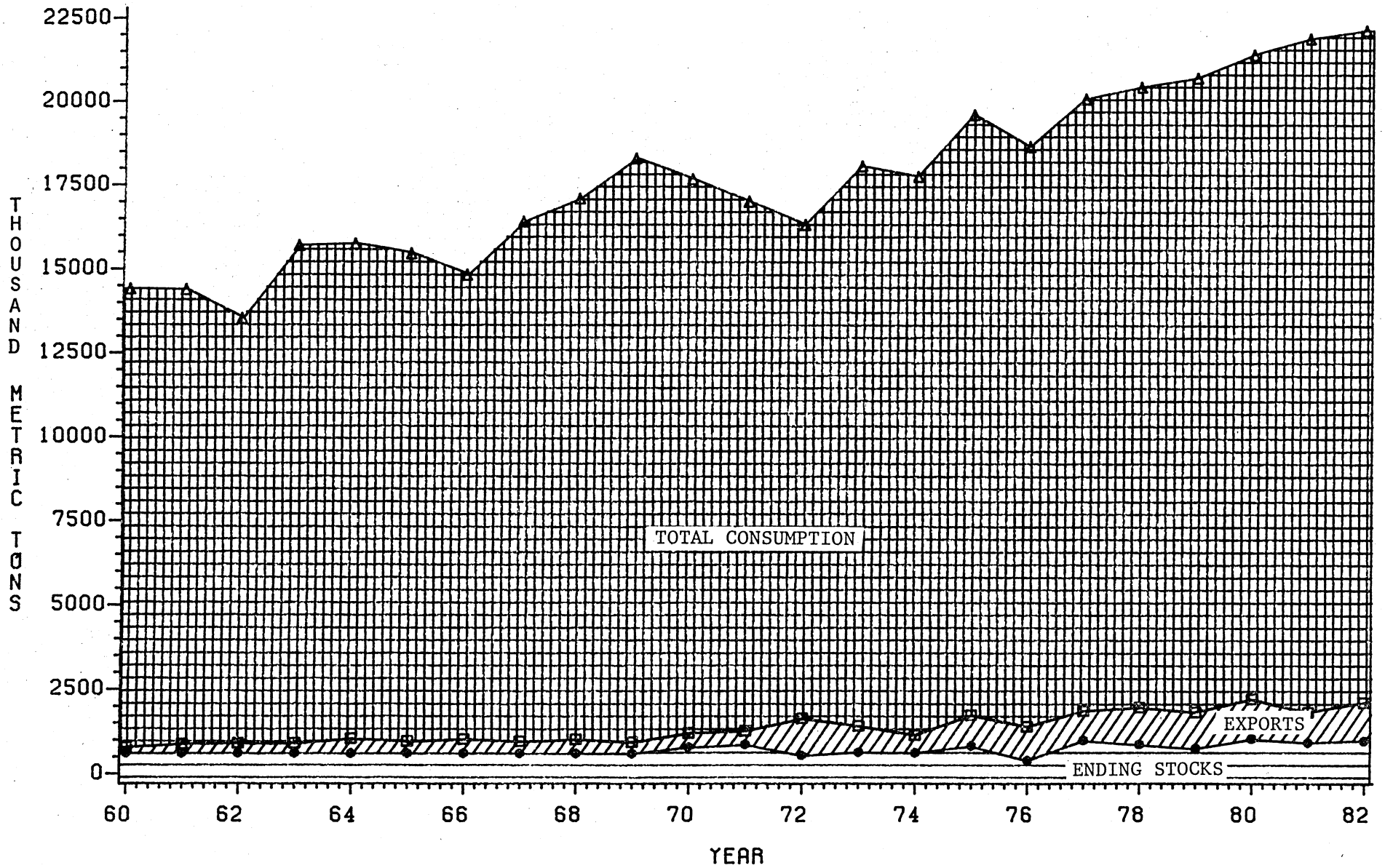
OTHER SOUTH ASIA

RICE UTILIZATION 1960–1982



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TABLE(20) THAILAND SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	5,643	1.11200	6,275	594	0	1,576	4,699	594
1961	6,179	1.05600	6,525	594	0	1,271	5,254	594
1962	6,191	1.17186	7,255	594	0	1,418	5,837	594
1963	6,354	1.20334	7,646	594	0	1,896	5,750	594
1964	5,971	1.25590	7,499	594	0	1,895	5,604	594
1965	5,960	1.21560	7,245	594	0	1,508	5,737	594
1966	7,000	1.12643	7,885	594	0	1,483	6,336	660
1967	5,807	1.09402	6,353	660	0	1,068	4,942	1,003
1968	6,336	1.08744	6,890	1,003	0	1,023	5,173	1,697
1969	7,259	1.21931	8,851	1,697	0	1,064	7,963	1,521
1970	6,854	1.30668	8,956	1,521	0	1,576	7,669	1,232
1971	7,095	1.27851	9,071	1,232	0	2,112	7,013	1,178
1972	6,780	1.20826	8,192	1,178	0	849	7,802	719
1973	7,680	1.28047	9,834	719	0	1,046	8,228	1,279
1974	7,512	1.17612	8,835	1,279	0	933	7,425	1,756
1975	8,357	1.20833	10,098	1,756	0	1,870	8,266	1,718
1976	8,167	1.21758	9,944	1,718	0	2,915	7,616	1,131
1977	8,750	1.05006	9,188	1,131	0	1,573	7,518	1,228
1978	8,935	1.29043	11,530	1,228	0	2,696	8,381	1,681
1979	8,654	1.20176	10,400	1,681	0	2,700	8,250	1,131
1980	9,100	1.25967	11,463	1,131	0	3,049	8,400	1,145
1981	9,375	1.25141	11,732	1,145	0	3,620	7,907	1,350
1982	9,200	1.21076	11,139	1,350	0	3,700	8,000	789

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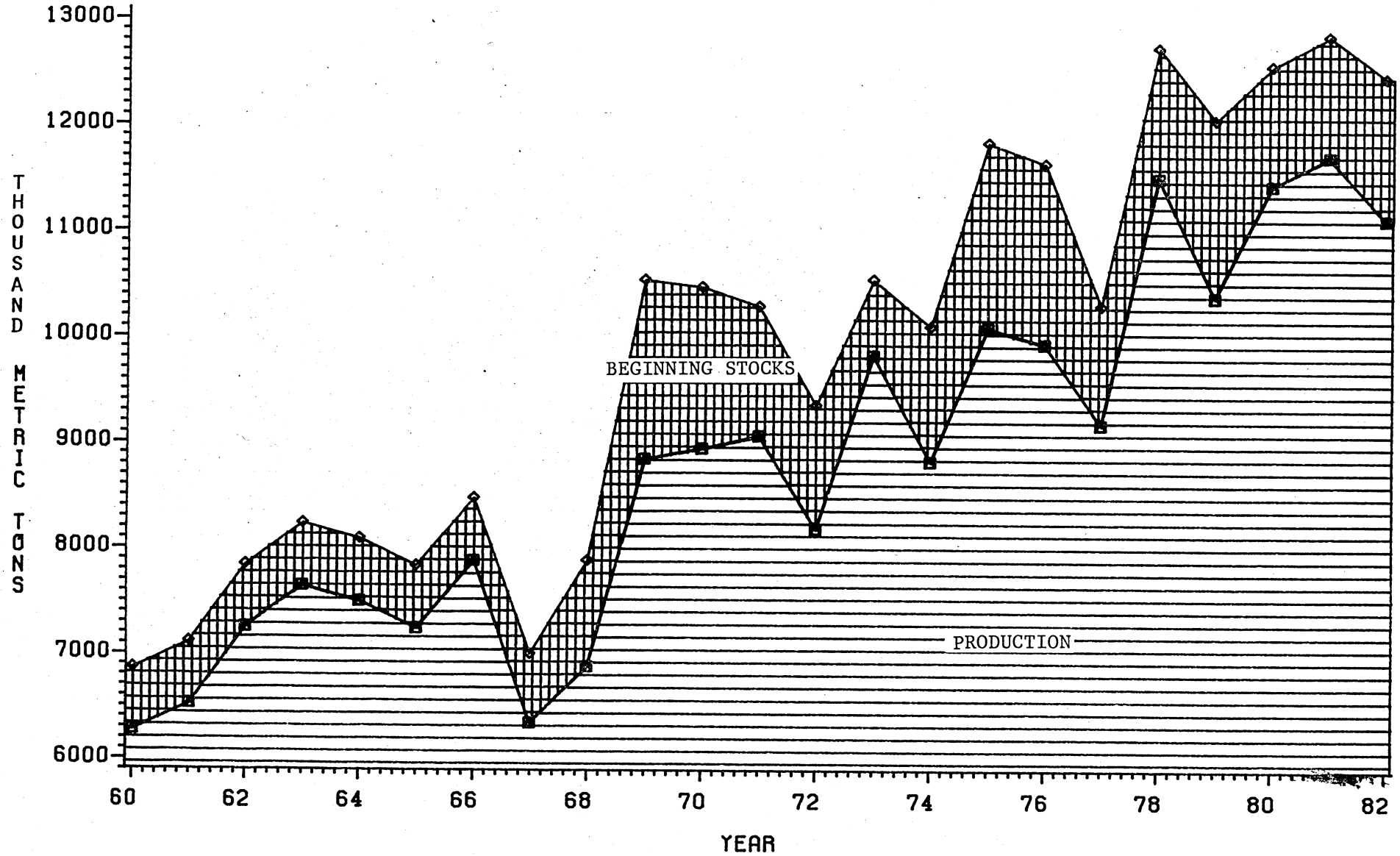
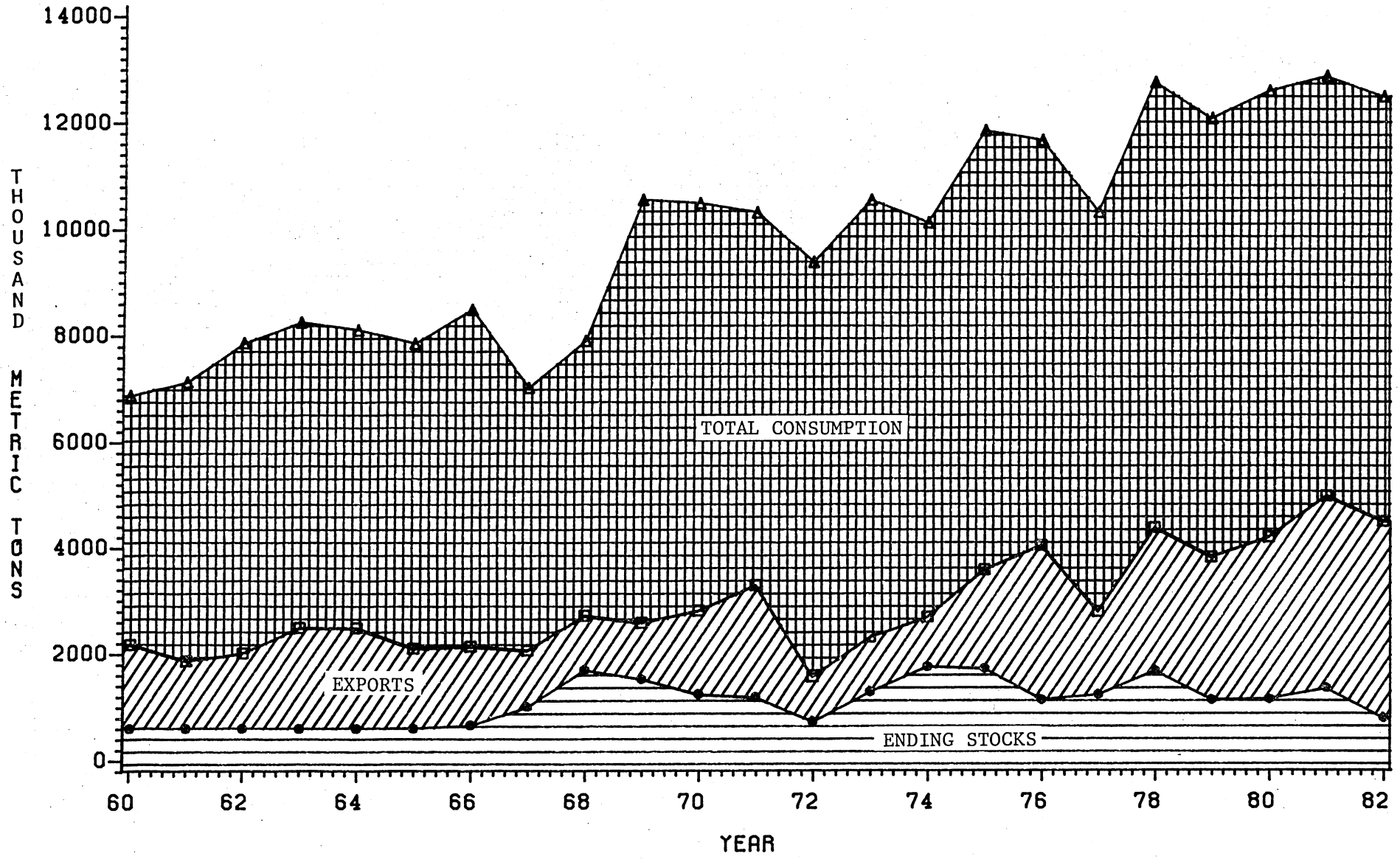
THAILAND

RICE SUPPLY 1960–1982



THAILAND

RICE UTILIZATION 1960–1982



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TABLE(21) SOUTH EAST ASIA(OTHER) SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	6,832	0.89637	6,124	0	88	1,830	4,382	0
1961	7,056	0.84382	5,954	0	112	1,875	4,191	0
1962	7,530	0.85631	6,448	0	126	2,090	4,484	0
1963	7,710	0.89637	6,911	0	83	1,904	5,090	0
1964	8,272	0.91755	7,590	0	39	1,808	5,821	0
1965	8,108	0.89628	7,267	0	31	1,294	6,004	0
1966	7,625	0.78190	5,962	0	38	746	5,254	0
1967	7,686	0.92220	7,088	0	33	525	6,596	0
1968	7,744	0.99935	7,739	0	57	653	7,143	0
1969	7,280	0.98901	7,200	0	48	855	6,393	0
1970	7,873	1.03887	8,179	0	86	876	7,389	0
1971	7,309	1.01573	7,424	0	174	588	7,010	0
1972	6,741	0.94808	6,391	0	221	157	6,455	0
1973	6,356	1.04547	6,645	0	277	214	6,708	0
1974	6,125	1.04114	6,377	0	423	307	6,493	0
1975	6,740	1.07448	7,242	0	120	657	6,705	0
1976	6,992	1.06908	7,475	0	100	710	6,865	0
1977	7,054	1.07159	7,559	0	94	394	7,259	0
1978	7,076	1.13228	8,012	0	270	590	7,692	0
1979	5,902	1.18553	6,997	0	377	675	6,699	0
1980	6,853	1.45221	9,952	0	172	674	9,398	52
1981	7,005	1.46481	10,261	52	91	701	9,653	50
1982	7,044	1.55835	10,977	50	75	750	10,302	50

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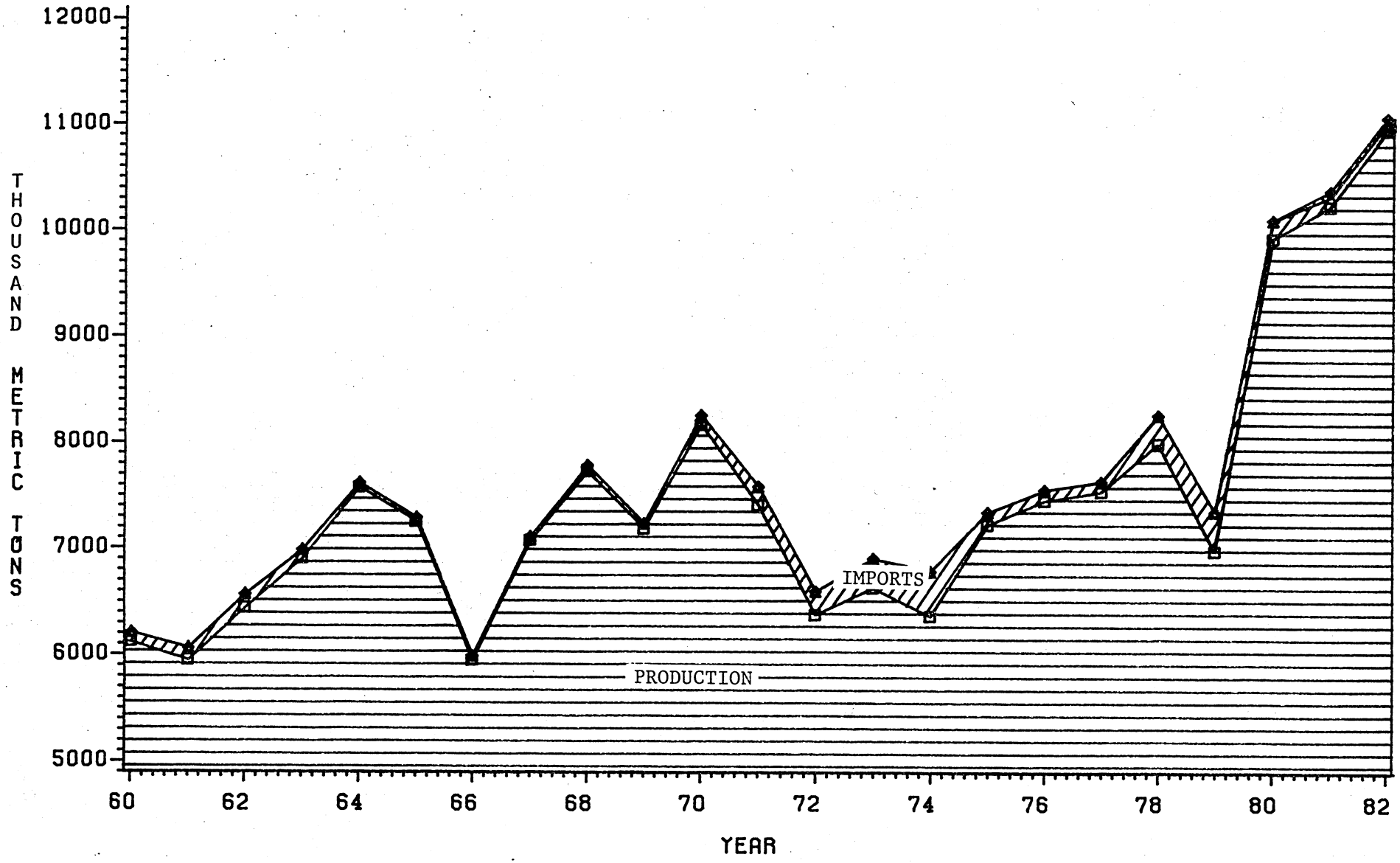
OTHER SOUTH EAST ASIA

RICE SUPPLY 1960–1982



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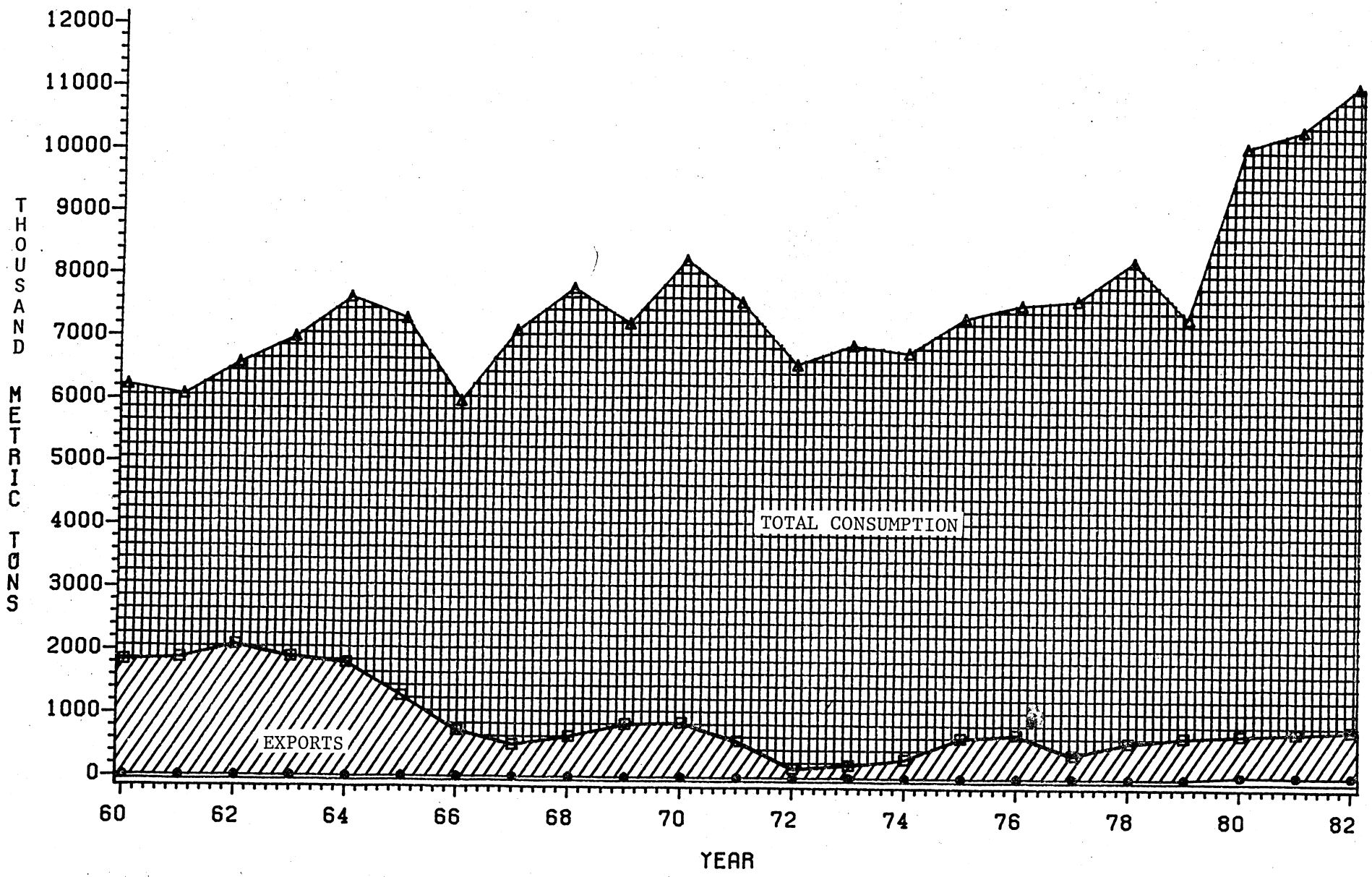
OTHER SOUTH EAST ASIA

RICE UTILIZATION 1960–1982



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TABLE(22) INDONESIA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	7,285	1.39574	10,168	53	891	0	11,059	53
1961	6,857	1.39784	9,585	53	1,064	0	10,621	81
1962	7,283	1.41206	10,284	81	1,025	0	11,331	59
1963	6,731	1.36057	9,158	59	1,043	0	10,082	178
1964	6,980	1.37693	9,611	178	1,010	0	10,617	182
1965	7,328	1.39779	10,243	182	203	0	10,548	80
1966	7,691	1.39800	10,752	80	308	0	10,964	176
1967	7,516	1.38398	10,402	176	354	0	10,781	151
1968	8,021	1.45443	11,666	151	628	0	11,949	496
1969	8,014	1.52845	12,249	496	604	0	13,087	262
1970	8,135	1.61524	13,140	262	956	0	13,828	530
1971	8,324	1.64873	13,724	530	516	0	14,239	531
1972	7,898	1.66916	13,183	531	762	0	14,308	168
1973	8,404	1.73810	14,607	168	1,638	0	15,834	579
1974	8,537	1.78939	15,276	579	1,056	0	16,064	847
1975	8,495	1.78752	15,185	847	671	0	16,078	625
1976	8,369	1.89330	15,845	625	1,309	0	17,238	541
1977	8,360	1.89904	15,876	541	1,989	0	17,894	512
1978	8,929	1.96271	17,525	512	1,824	0	18,676	1,185
1979	8,804	2.02999	17,872	1,185	1,934	0	20,176	815
1980	9,005	2.23909	20,163	815	2,040	0	21,254	1,750
1981	9,382	2.37540	22,286	1,750	543	14	22,263	2,252
1982	9,022	2.57049	23,191	2,252	332	64	24,037	1,738

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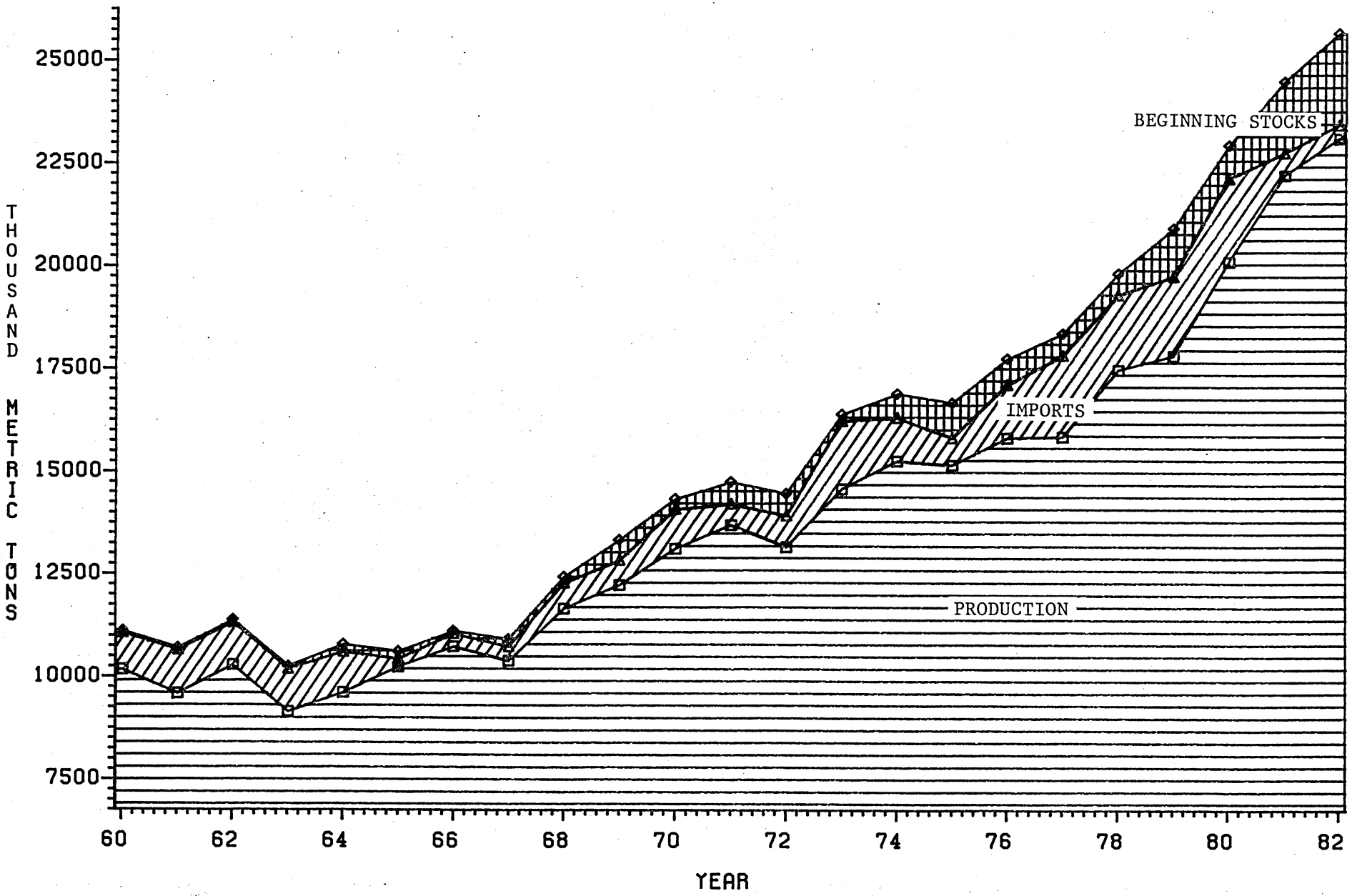
INDONESIA

RICE SUPPLY 1960–1982



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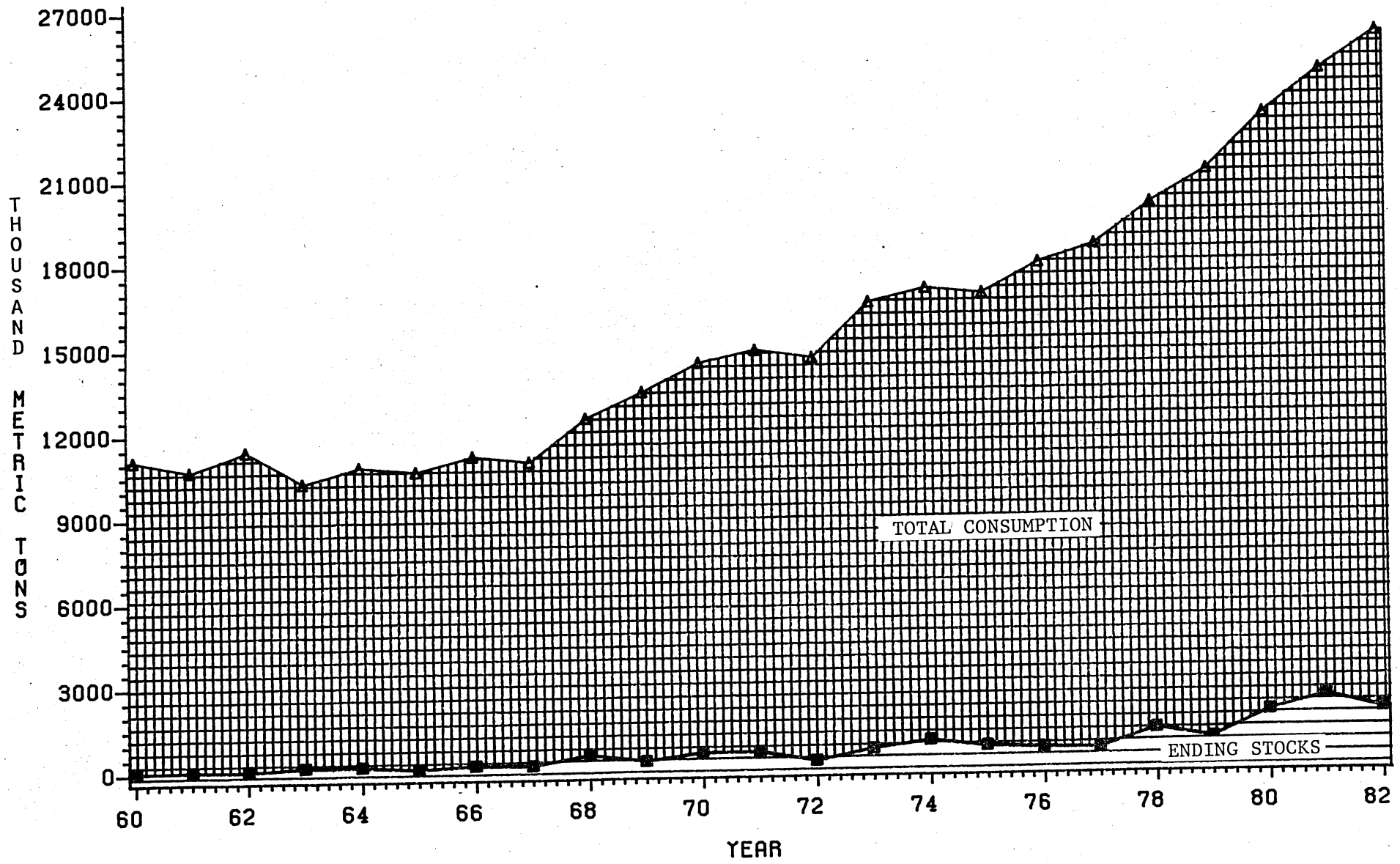
INDONESIA

RICE UTILIZATION 1960–1982



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TABLE(23) HIGH INCOME EAST ASIA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	1,904	2.54517	4,846	564	755	231	5,443	491
1961	1,929	2.77916	5,361	491	824	335	5,889	452
1962	1,947	2.56600	4,996	452	898	258	5,636	452
1963	1,915	2.99321	5,732	452	859	409	6,177	457
1964	1,972	3.06947	6,053	457	677	285	6,423	479
1965	2,013	2.83209	5,701	479	693	425	5,934	514
1966	2,032	3.02461	6,146	514	833	292	6,748	453
1967	2,031	2.88528	5,860	453	833	206	6,730	210
1968	1,955	2.84041	5,553	210	1,279	192	6,441	409
1969	2,018	3.10505	6,266	409	809	130	6,937	417
1970	1,988	3.14034	6,243	417	1,553	66	7,756	391
1971	1,951	3.15736	6,160	391	1,277	161	6,662	1,005
1972	1,940	3.21392	6,235	1,005	1,185	137	7,111	1,177
1973	1,912	3.30387	6,317	1,177	812	116	7,344	846
1974	1,987	3.38702	6,730	846	1,015	19	7,447	1,125
1975	2,012	3.47664	6,995	1,125	656	21	7,280	1,475
1976	2,006	3.72532	7,473	1,475	604	9	7,511	2,032
1977	2,012	4.17247	8,395	2,032	594	347	8,527	2,147
1978	1,985	4.03073	8,001	2,147	1,072	305	9,320	1,595
1979	1,957	3.75319	7,345	1,595	1,166	473	8,325	1,308
1980	1,873	3.21516	6,022	1,308	2,810	192	7,600	2,348
1981	1,894	3.80517	7,207	2,348	846	98	7,733	2,570
1982	1,850	4.00811	7,415	2,570	791	557	7,542	2,677

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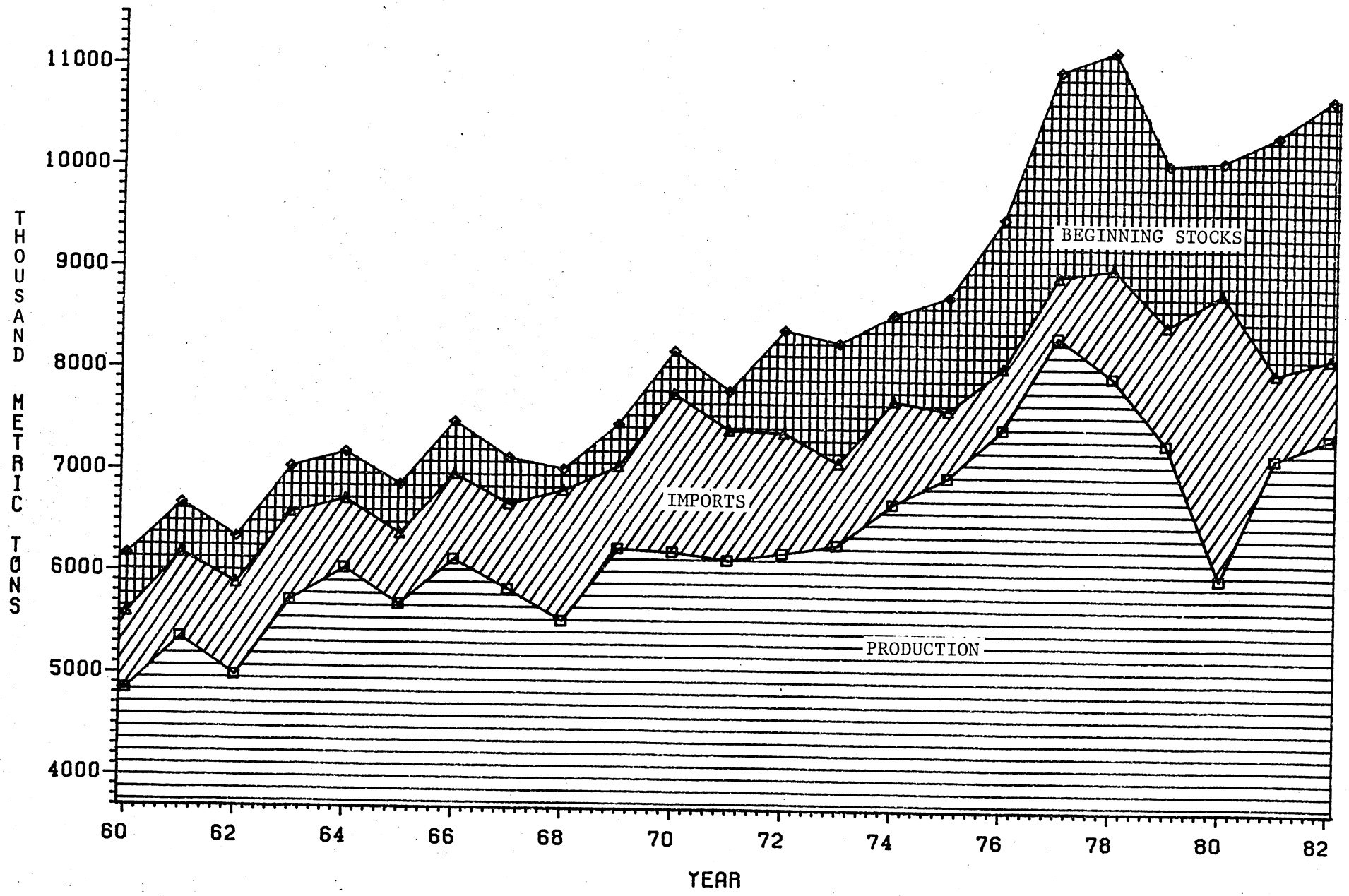
HIGH INCOME E. ASIA

RICE SUPPLY 1960–1982



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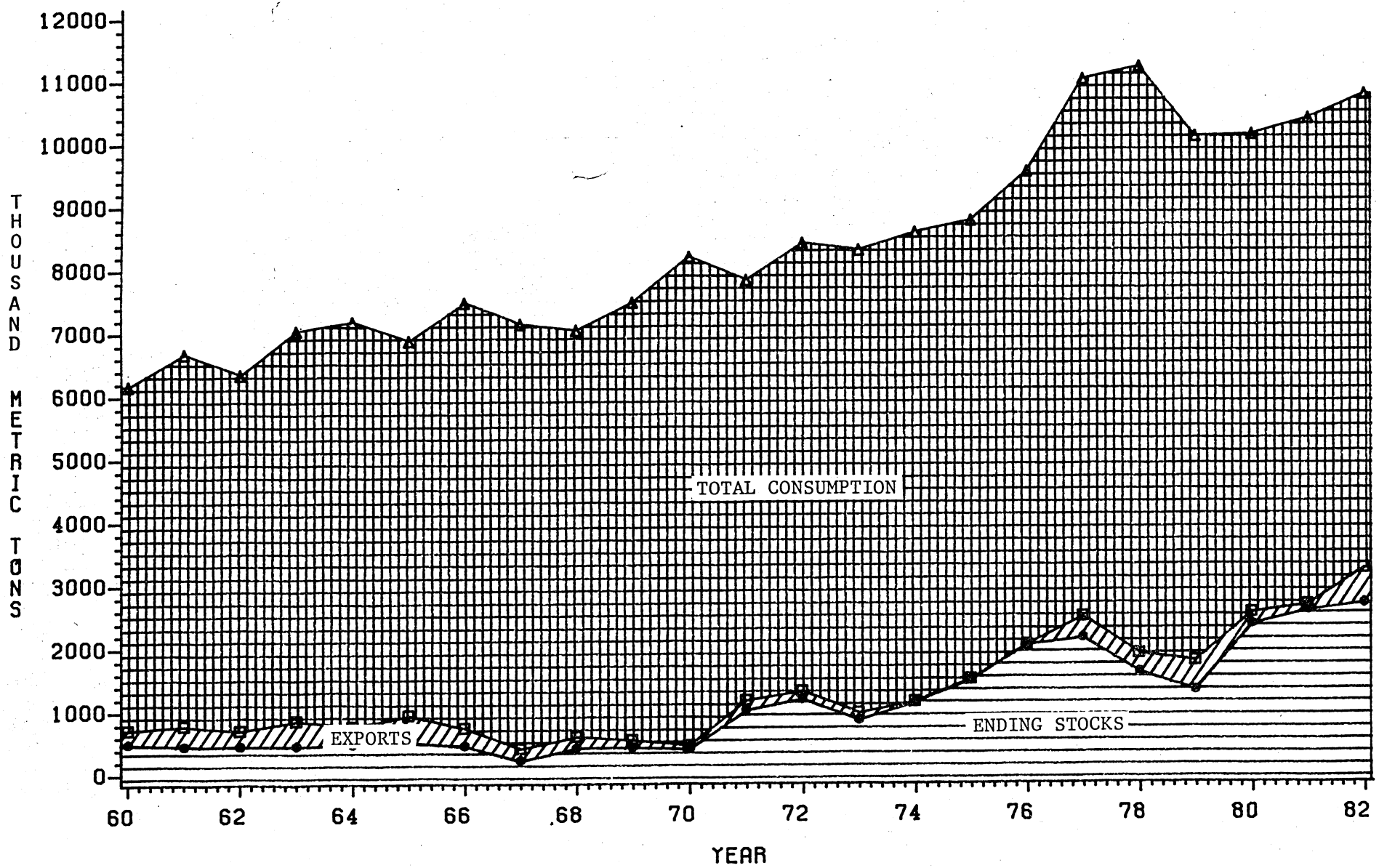
HIGH INCOME E. ASIA

RICE UTILIZATION 1960–1982



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

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	3,726	0.84729	3,157	550	460	0	3,715	452
1961	3,642	0.88029	3,206	452	609	0	3,650	617
1962	3,705	0.89528	3,317	617	414	22	3,830	496
1963	3,638	0.89885	3,270	496	766	10	3,852	670
1964	3,732	0.88746	3,312	670	1,012	0	4,008	986
1965	3,675	0.94231	3,463	986	686	25	4,173	937
1966	3,649	0.94903	3,463	937	543	35	3,901	1,007
1967	3,846	0.97244	3,740	1,007	503	124	4,201	925
1968	3,965	0.96343	3,820	925	311	29	4,400	627
1969	3,798	1.16877	4,439	627	289	1	4,353	1,001
1970	3,892	1.15468	4,494	1,001	376	0	4,946	925
1971	4,042	1.09451	4,424	925	836	0	5,277	908
1972	3,944	1.01978	4,022	908	451	14	4,864	503
1973	4,267	1.14835	4,900	503	609	10	5,088	914
1974	4,372	1.15599	5,054	914	571	0	5,420	1,119
1975	4,424	1.20954	5,351	1,119	216	0	5,819	867
1976	4,371	1.27591	5,577	867	234	0	5,714	964
1977	4,325	1.34821	5,831	964	290	47	5,649	1,389
1978	4,144	1.40251	5,812	1,389	405	36	5,776	1,794
1979	4,375	1.47291	6,444	1,794	239	236	6,231	2,010
1980	4,155	1.52539	6,338	2,010	167	179	6,509	1,827
1981	4,122	1.59316	6,567	1,827	317	3	6,828	1,880
1982	3,875	1.60619	6,224	1,880	403	21	6,771	1,715

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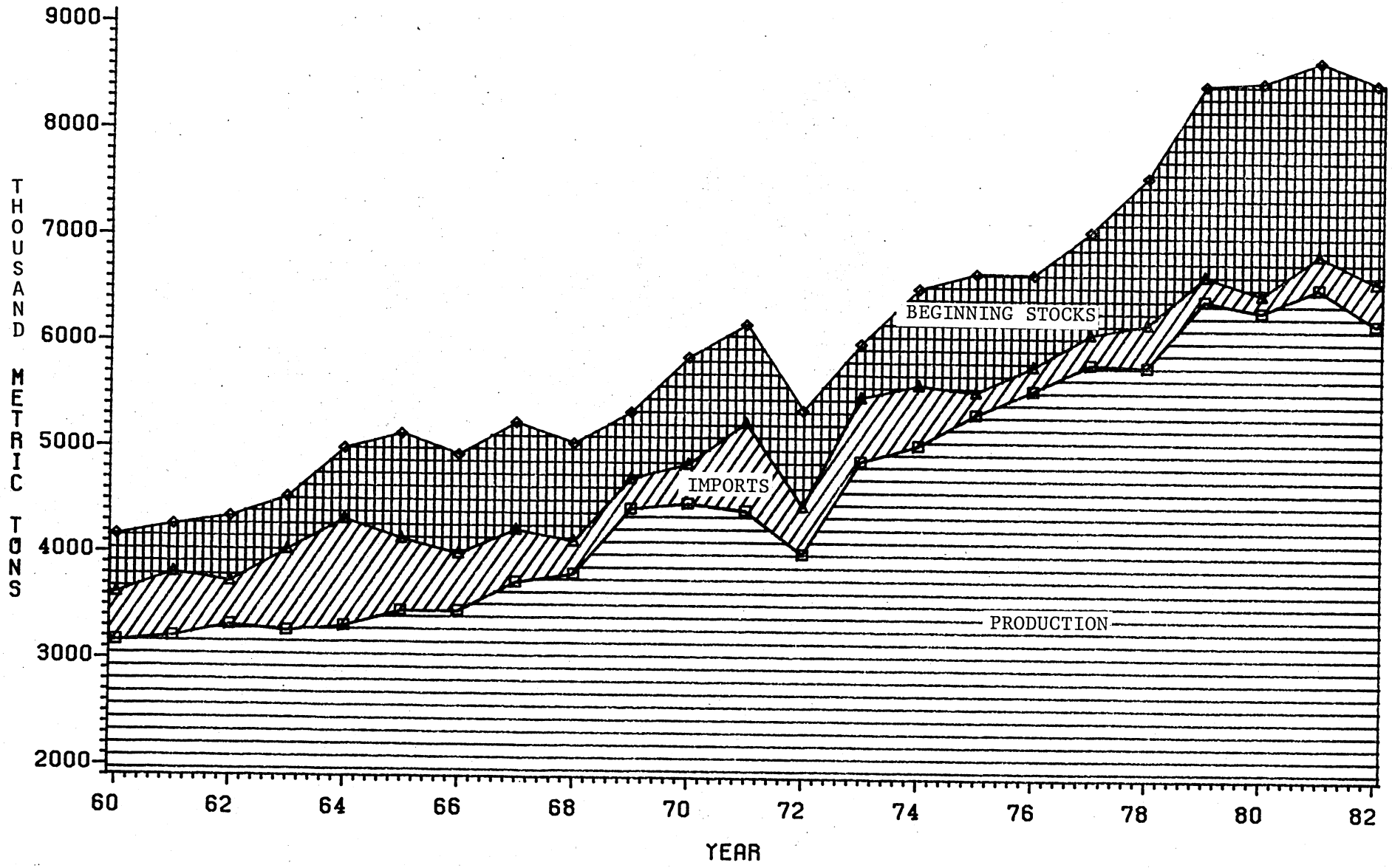
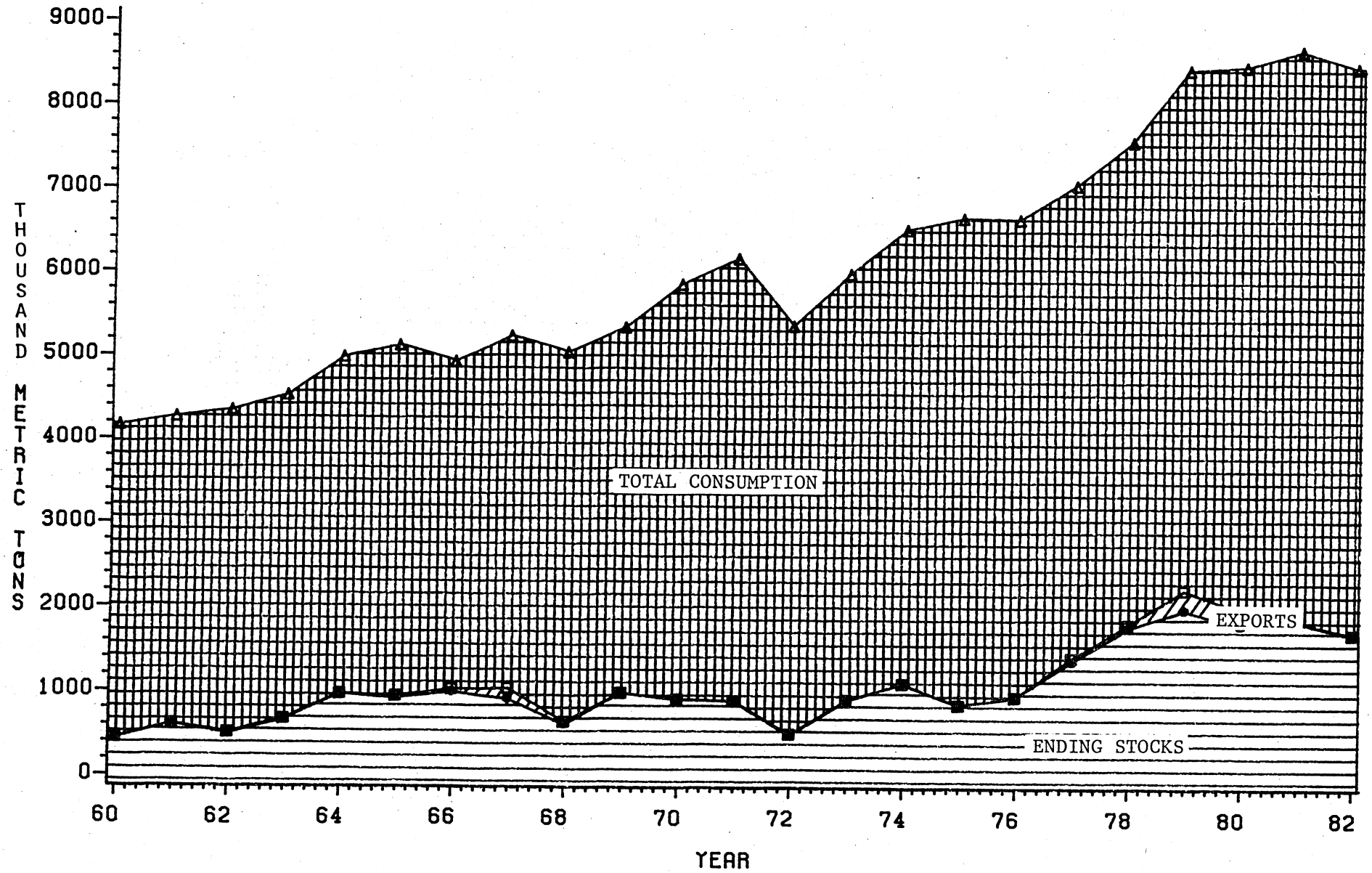
LOW INCOME E. ASIA

RICE SUPPLY 1960–1982



LOW INCOME E. ASIA

RICE UTILIZATION 1960–1982



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TABLE(25) AUSTRALIA SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	19	4.31579	82	36	0	51	35	32
1961	20	4.80000	96	32	1	57	36	36
1962	22	4.40909	97	36	1	56	37	41
1963	24	4.25000	102	41	1	64	35	45
1964	25	4.36000	109	45	1	64	36	55
1965	26	5.00000	130	55	2	89	40	58
1966	30	5.10000	153	58	2	99	45	69
1967	31	5.09677	158	69	2	107	54	68
1968	34	5.38235	183	68	2	121	60	72
1969	40	4.42500	177	72	0	96	65	88
1970	38	5.63158	214	88	0	171	72	59
1971	41	4.31707	177	59	0	150	67	19
1972	45	4.91111	221	19	0	154	80	6
1973	68	4.30882	293	6	0	163	92	44
1974	76	3.64474	277	44	0	196	37	88
1975	75	3.97333	298	88	1	297	55	35
1976	92	4.11957	379	35	1	256	56	103
1977	91	3.85714	351	103	1	253	58	144
1978	110	4.50000	495	144	1	426	60	154
1979	116	3.77586	438	154	1	294	62	237
1980	104	5.00962	521	237	1	468	65	226
1981	123	4.96748	611	226	1	716	66	56
1982	83	4.55422	378	56	8	270	65	107

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TABLE(27) USSR SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	95	1.27368	121	0	20	1	140	0
1961	118	1.36441	161	0	338	12	487	0
1962	119	1.48739	177	0	194	12	359	0
1963	147	1.65986	244	0	363	4	603	0
1964	191	1.60209	306	0	238	3	541	0
1965	217	1.74654	379	0	275	4	650	0
1966	248	1.86694	463	0	397	4	856	0
1967	281	2.07117	582	0	260	4	838	0
1968	312	2.21474	691	0	327	5	1,013	0
1969	328	2.19512	720	0	323	63	980	0
1970	350	2.37429	831	0	332	74	1,089	0
1971	390	2.38205	929	0	280	153	1,056	0
1972	421	2.54394	1,071	0	154	113	1,112	0
1973	462	2.48268	1,147	0	194	233	1,108	0
1974	495	2.51111	1,243	0	279	70	1,452	0
1975	500	2.61200	1,306	0	324	127	1,503	0
1976	522	2.49042	1,300	0	460	94	1,666	0
1977	548	2.62956	1,441	0	414	120	1,735	0
1978	580	2.36724	1,373	0	631	274	1,730	0
1979	610	2.55082	1,556	0	694	213	2,037	0
1980	666	2.72372	1,814	0	1,283	126	2,971	0
1981	634	2.46057	1,560	0	859	100	2,319	0
1982	648	2.40741	1,560	0	400	100	1,860	0

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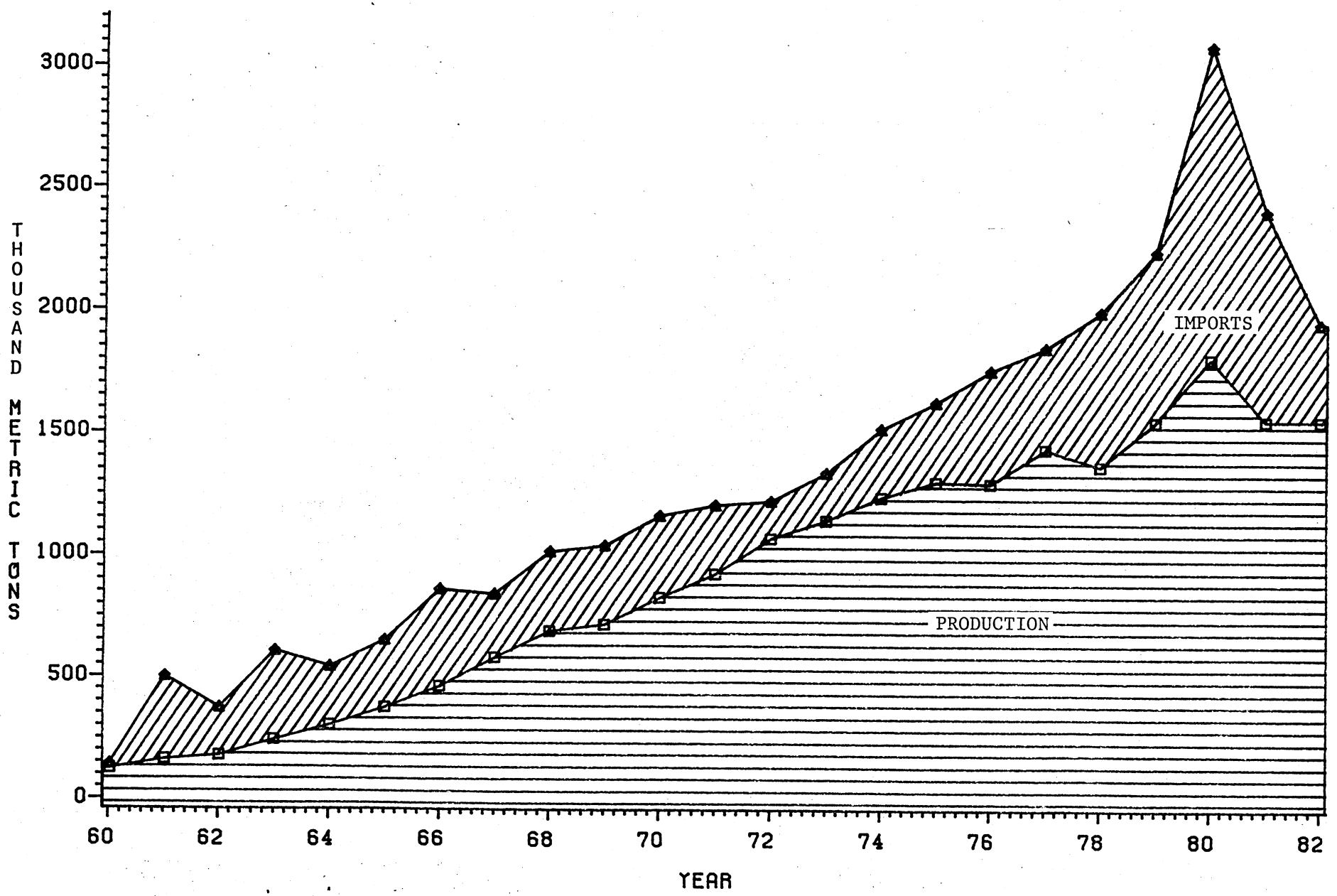
USSR

RICE SUPPLY 1960–1982



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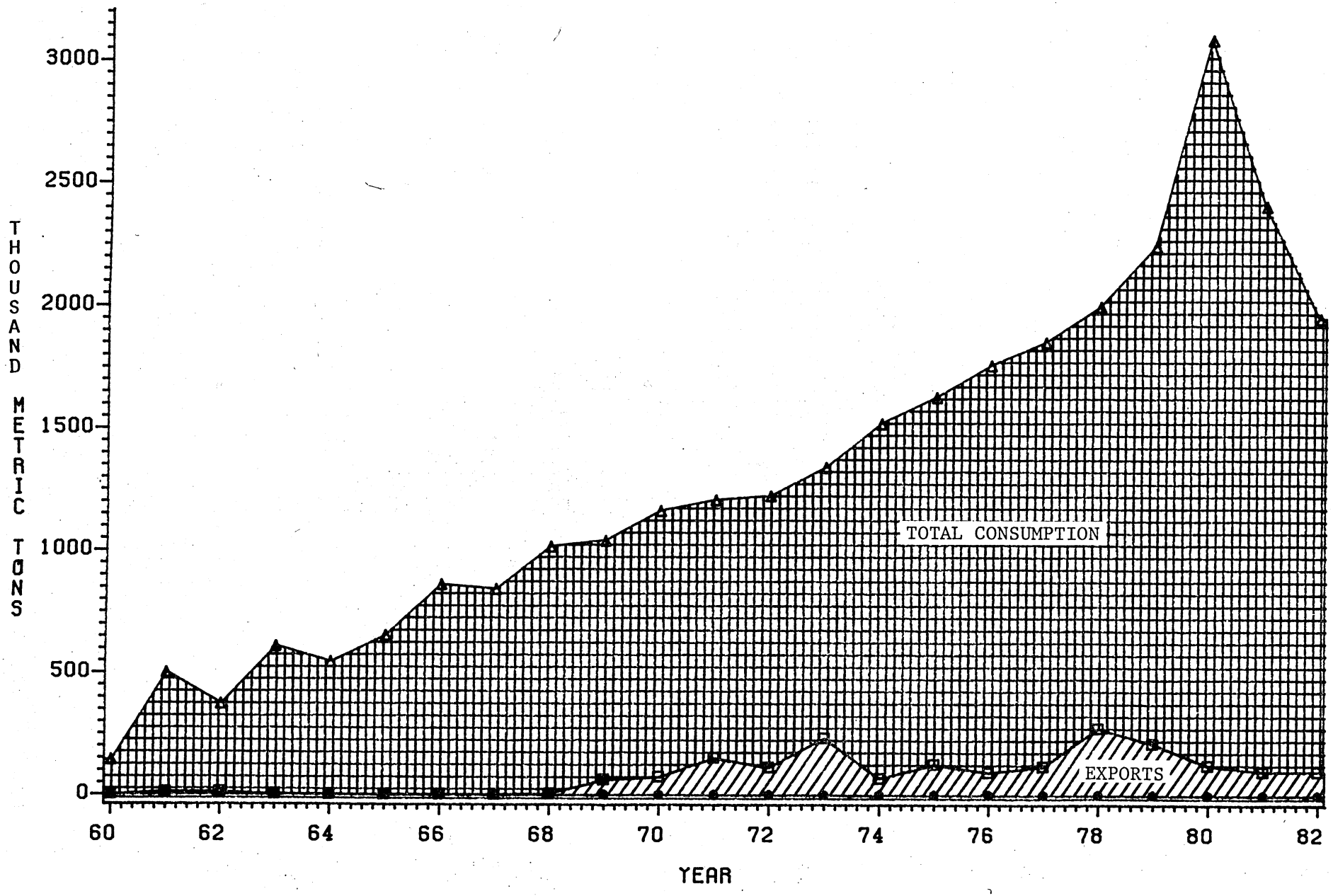
USSR

RICE UTILIZATION 1960–1982



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TABLE(28) EC(10) SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	176	3.06250	539	116	428	214	752	117
1961	178	3.55056	632	117	468	236	844	137
1962	168	3.54167	595	137	436	213	821	134
1963	164	3.19512	524	134	426	137	786	161
1964	175	3.35429	587	161	439	180	870	137
1965	180	2.71667	489	137	483	123	841	145
1966	177	3.12429	553	145	483	210	811	160
1967	189	3.49735	661	160	455	318	801	157
1968	202	2.80693	567	157	480	225	795	184
1969	211	3.46445	731	184	449	367	773	224
1970	210	3.24762	682	224	512	386	788	244
1971	210	3.43810	722	244	542	514	838	156
1972	218	2.79817	610	156	597	337	840	186
1973	224	3.70536	830	186	604	402	891	327
1974	222	3.72973	828	327	545	732	809	159
1975	204	3.90196	796	159	625	543	881	156
1976	209	3.38278	707	156	894	480	1,130	147
1977	215	2.66977	574	147	1,051	607	970	195
1978	221	3.41176	754	195	979	751	987	190
1979	208	4.17788	869	190	899	897	954	107
1980	200	3.74000	748	107	943	727	902	169
1981	199	3.42211	681	169	1,152	879	911	212
1982	204	3.43627	701	212	1,015	801	963	164

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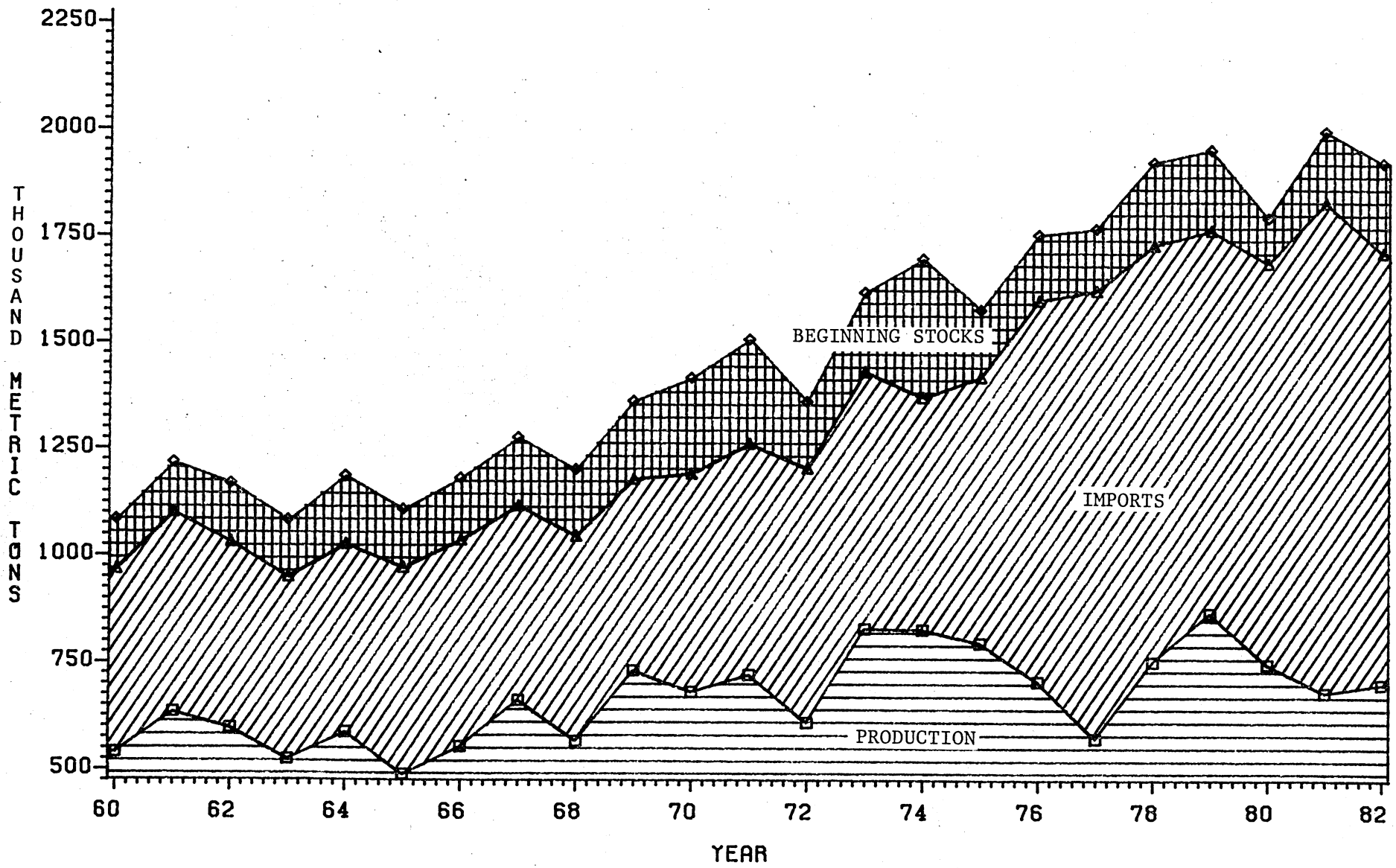
EUROPEAN ECONOMIC COMMUNITY

RICE SUPPLY 1960–1982



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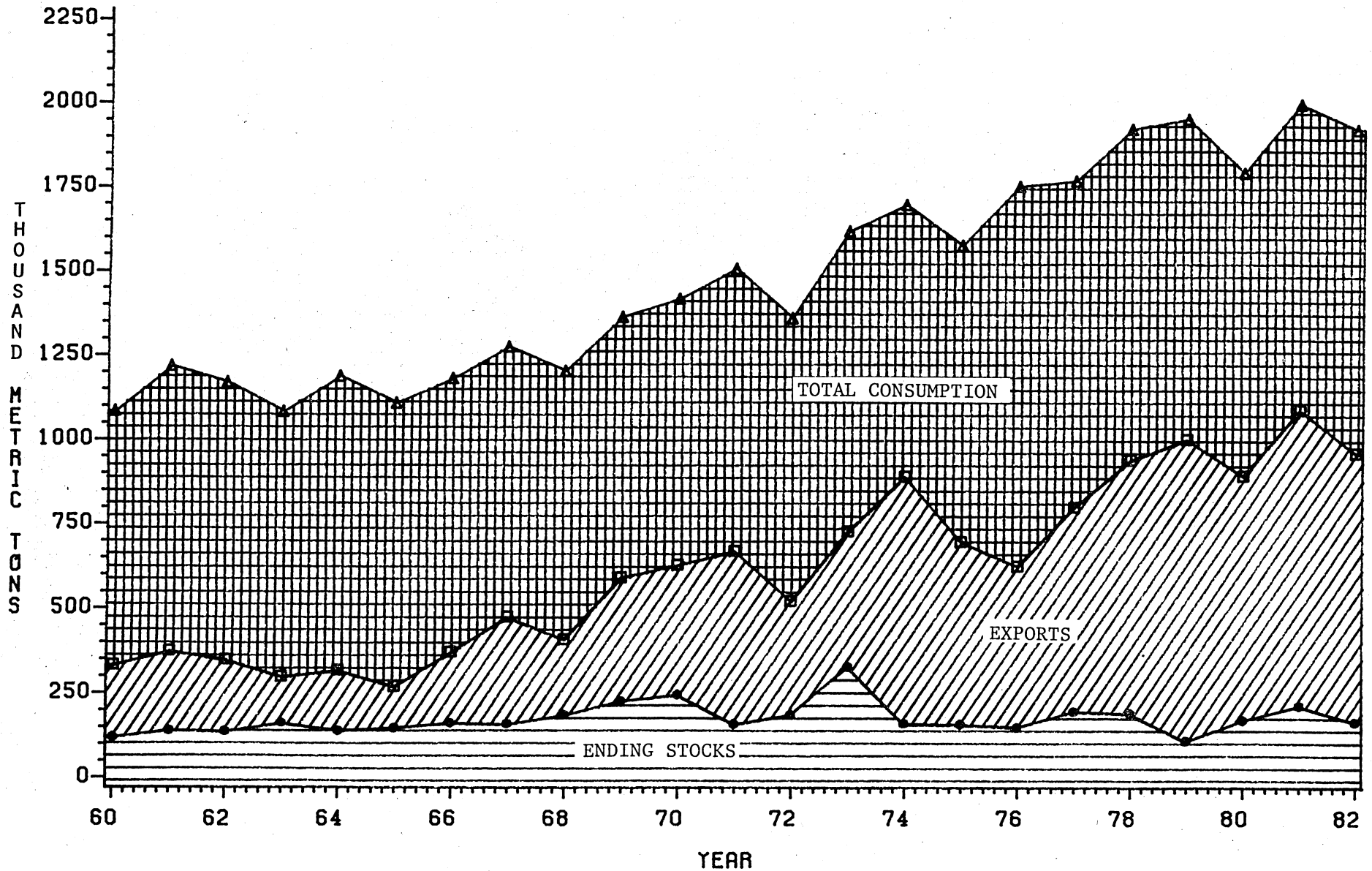
EUROPEAN ECONOMIC COMMUNITY

RICE UTILIZATION 1960–1982



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TABLE(29) OTHER WESTERN EUROPE SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	103	3.19417	329	63	99	64	364	63
1961	99	3.70707	367	63	87	60	393	64
1962	100	3.64000	364	64	112	44	432	64
1963	100	3.63000	363	64	90	57	397	63
1964	102	3.65686	373	63	109	77	405	63
1965	94	3.34043	314	63	127	54	387	63
1966	94	3.61702	340	63	113	106	347	63
1967	92	3.57609	329	63	124	92	361	63
1968	93	3.53763	329	63	141	63	407	63
1969	102	3.68627	376	63	100	63	413	63
1970	106	3.68868	391	63	104	45	441	72
1971	103	3.43689	354	72	140	61	435	70
1972	102	3.39216	346	70	143	47	450	62
1973	100	3.75000	375	62	129	30	479	57
1974	94	3.58511	337	57	153	62	387	98
1975	92	3.77174	347	98	169	8	426	180
1976	86	3.98837	343	180	185	35	471	202
1977	102	3.21569	328	202	166	75	500	121
1978	101	3.61386	365	121	200	60	496	130
1979	104	3.75000	390	130	180	44	502	154
1980	103	3.92233	404	154	165	45	525	153
1981	94	4.08511	384	153	278	57	554	204
1982	102	3.66667	374	204	230	39	567	202

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TABLE(30) EASTERN EUROPE SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	65	1.44615	94	11	320	8	406	11
1961	51	1.56863	80	11	232	26	286	11
1962	42	1.80952	76	11	286	18	344	11
1963	50	2.10000	105	11	346	47	404	11
1964	57	1.63158	93	11	281	18	356	11
1965	56	1.42857	80	11	297	15	362	11
1966	58	1.75862	102	11	304	11	387	19
1967	62	1.95161	121	19	281	1	395	25
1968	65	1.56923	102	25	305	25	345	62
1969	74	1.77027	131	62	256	2	396	51
1970	76	1.75000	133	51	279	7	423	33
1971	79	1.91139	151	33	255	5	402	32
1972	77	1.51948	117	32	277	6	387	33
1973	73	1.86301	136	33	280	2	403	44
1974	75	1.68000	126	44	274	1	408	35
1975	74	2.08108	154	35	281	0	446	24
1976	74	1.14865	85	24	345	0	383	71
1977	73	1.64384	120	71	292	0	438	45
1978	71	1.57746	112	45	294	0	401	50
1979	67	1.98507	133	50	336	0	480	39
1980	61	1.78689	109	39	325	5	445	23
1981	58	2.53448	147	23	336	0	477	29
1982	61	2.52459	154	29	314	0	477	20

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TABLE(31) RESIDUAL WORLD SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	-3,537	0.67543	-2,389	-613	515	18	-2,490	-15
1961	-3,437	0.68577	-2,357	-15	-836	-17	-2,511	-680
1962	-3,487	0.68426	-2,386	-680	408	-25	-2,074	-559
1963	-3,412	0.66295	-2,262	-559	-720	-13	-2,795	-733
1964	-3,519	0.63882	-2,248	-733	-1,500	38	-3,470	-1,049
1965	-3,463	0.67456	-2,336	-1,049	-1,077	32	-3,494	-1,000
1966	-3,425	0.66073	-2,263	-1,000	-770	75	-3,038	-1,070
1967	-3,620	0.68094	-2,465	-1,070	-40	-92	-2,495	-988
1968	-3,735	0.66908	-2,499	-988	-122	41	-2,960	-690
1969	-3,533	0.85282	-3,013	-690	411	64	-2,305	-1,051
1970	-3,546	0.83221	-2,951	-1,051	-94	92	-3,208	-980
1971	-3,699	0.76750	-2,839	-980	-611	80	-3,524	-986
1972	-3,589	0.64614	-2,319	-986	876	74	-1,945	-558
1973	-3,936	0.81021	-3,189	-558	-967	255	-3,977	-992
1974	-4,063	0.79596	-3,234	-992	-780	322	-4,067	-1,261
1975	-4,097	0.84135	-3,447	-1,261	739	82	-3,003	-1,048
1976	-4,076	0.81109	-3,306	-1,048	1,520	234	-1,985	-1,083
1977	-3,965	0.82850	-3,285	-1,083	-446	318	-3,628	-1,504
1978	-3,799	0.89655	-3,406	-1,504	-545	136	-3,678	-1,913
1979	-4,027	0.95431	-3,843	-1,913	-378	-17	-4,029	-2,088
1980	-3,807	0.95613	-3,640	-2,088	-378	-3	-4,175	-1,914
1981	-3,783	1.05736	-4,000	-1,914	-492	277	-4,579	-2,054
1982	-3,537	1.00339	-3,549	-2,054	-557	144	-4,521	-1,847

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TABLE(32) DEVELOPED SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	4,251	3.38885	14,406	2,096	775	1,248	14,061	1,968
1961	4,241	3.33860	14,159	1,968	833	1,296	14,263	1,401
1962	4,293	3.50035	15,027	1,401	810	1,439	14,418	1,381
1963	4,277	3.49380	14,943	1,381	1,035	1,652	14,294	1,413
1964	4,285	3.47865	14,906	1,413	1,549	1,717	14,601	1,550
1965	4,280	3.43972	14,722	1,550	1,648	1,694	14,340	1,886
1966	4,351	3.55068	15,449	1,886	1,186	2,146	14,083	2,292
1967	4,372	3.94556	17,250	2,292	998	2,346	14,067	4,127
1968	4,561	3.87766	17,686	4,127	796	2,454	13,974	6,181
1969	4,488	3.79456	17,030	6,181	694	2,835	13,059	8,011
1970	4,011	3.89678	15,630	8,011	790	2,987	14,401	7,043
1971	3,785	3.69828	13,998	7,043	871	2,762	15,245	3,905
1972	3,741	3.96258	14,824	3,905	922	2,838	14,662	2,151
1973	3,892	4.00514	15,588	2,151	955	2,504	13,986	2,204
1974	4,140	3.93599	16,295	2,204	854	3,226	13,774	2,353
1975	4,275	4.09825	17,520	2,353	954	2,580	13,595	4,652
1976	4,170	3.81847	15,923	4,652	1,251	2,868	13,888	5,070
1977	4,075	3.99730	16,289	5,070	1,473	3,296	12,990	6,546
1978	4,218	4.11119	17,341	6,546	1,382	4,135	13,731	7,403
1979	4,086	4.13681	16,903	7,403	1,308	4,589	13,625	7,400
1980	4,124	3.73036	15,384	7,400	1,416	5,177	13,930	5,093
1981	4,229	4.01679	16,987	5,093	1,743	4,639	14,653	4,531
1982	3,956	3.97025	15,746	4,531	1,542	3,552	14,673	3,594

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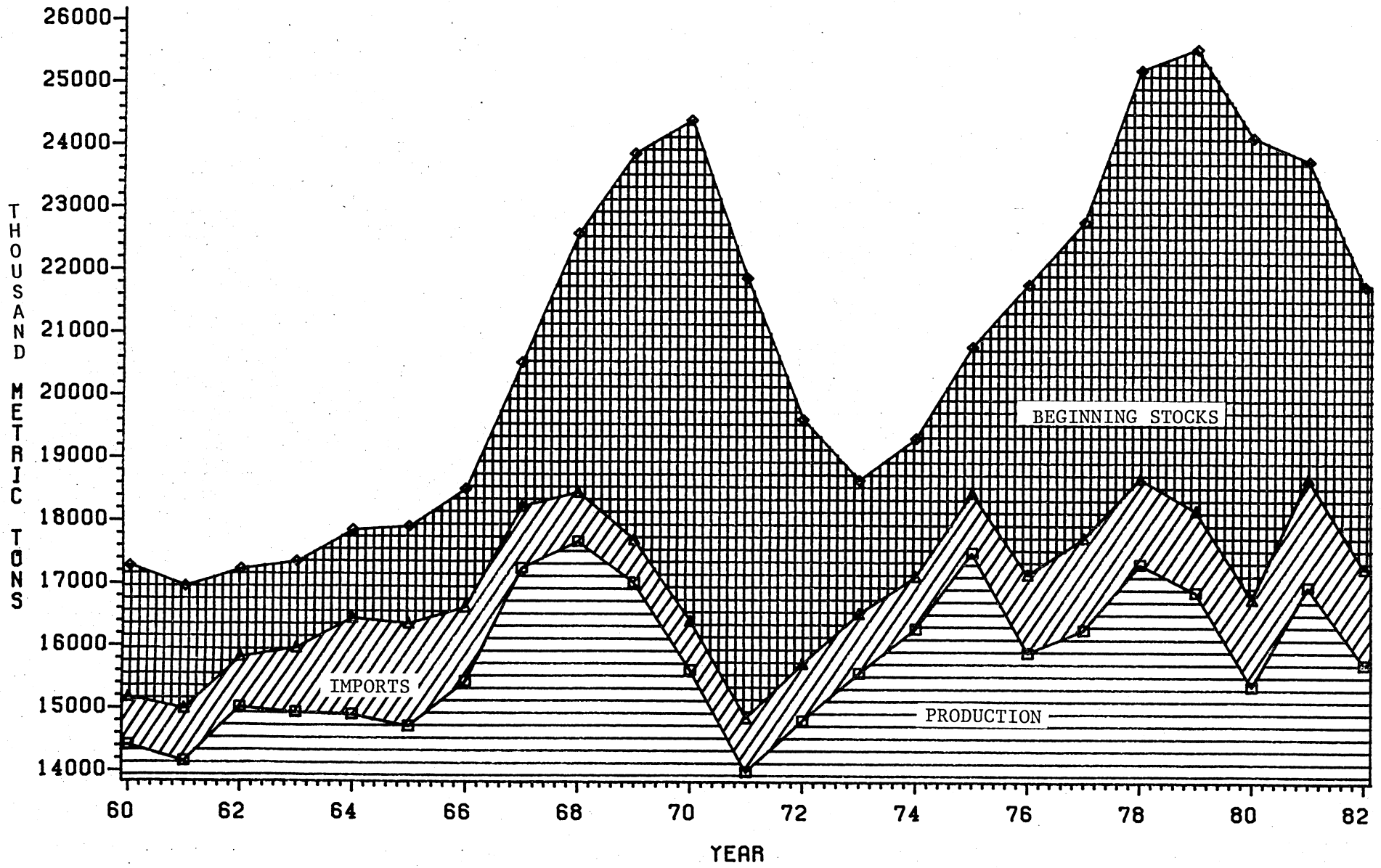
DEVELOPED COUNTRIES

RICE SUPPLY 1960–1982



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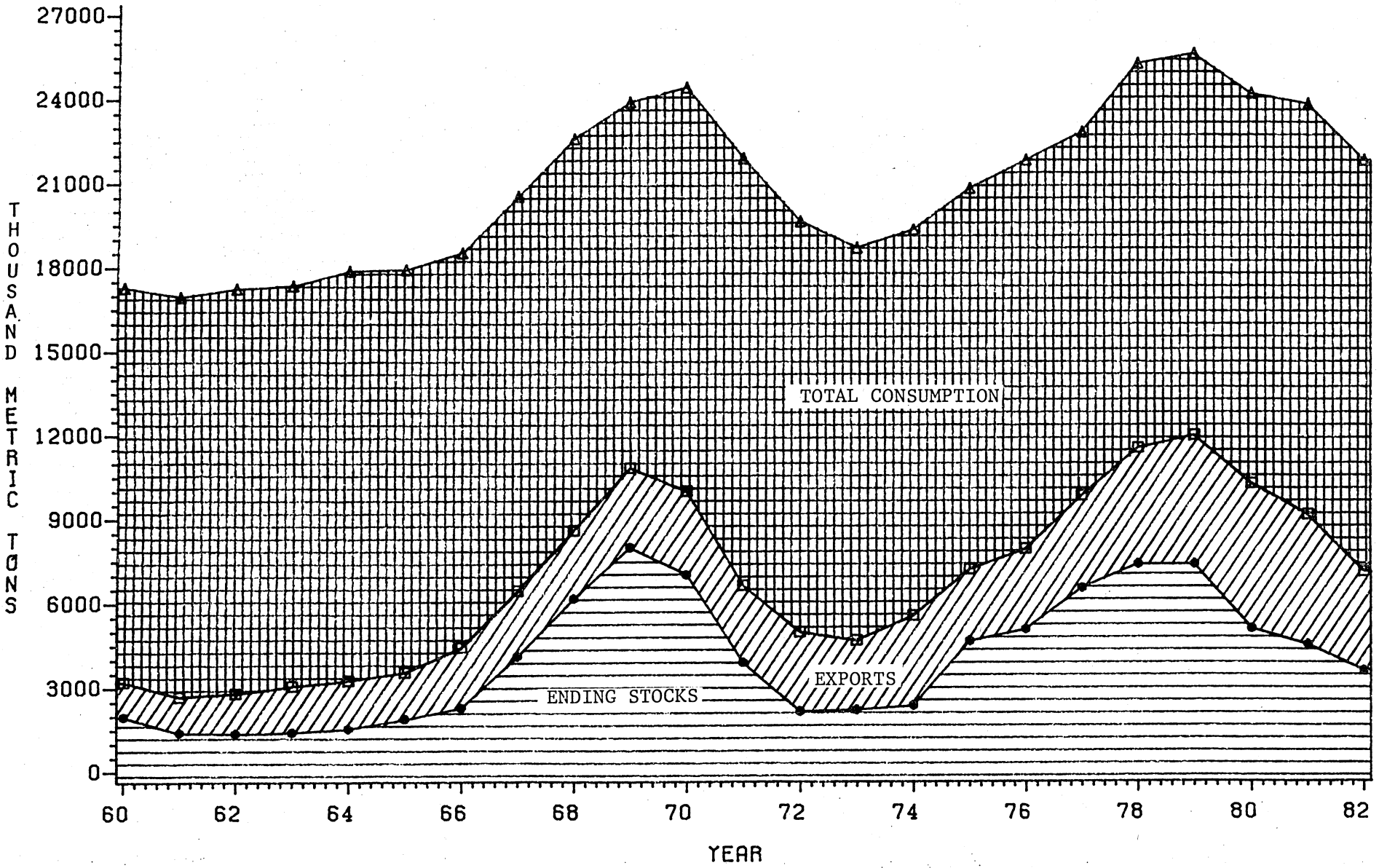
DEVELOPED COUNTRIES

RICE UTILIZATION 1960–1982



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TABLE(33) CENTRALLY PLANNED COUNTRIES SUPPLY/UTILISATION OF RICE (1000MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	31,660	1.61728	51,203	11	340	437	51,106	11
1961	26,445	1.42897	37,789	11	570	496	37,863	11
1962	27,096	1.63651	44,343	11	480	714	44,109	11
1963	27,912	1.86246	51,985	11	709	813	51,881	11
1964	29,855	1.95944	58,499	11	519	1,006	58,012	11
1965	30,098	2.05542	61,864	11	572	1,506	60,930	11
1966	30,835	2.18382	67,338	11	701	1,592	66,439	19
1967	30,779	2.15351	66,283	19	541	1,304	65,514	25
1968	30,271	2.21212	66,963	25	632	1,209	66,349	62
1969	30,834	2.18580	67,397	62	584	1,345	66,647	51
1970	32,784	2.37790	77,957	51	619	1,373	77,221	33
1971	35,387	2.30941	81,723	33	554	1,584	80,694	32
1972	35,641	2.25964	80,536	32	431	2,750	78,216	33
1973	35,625	2.42801	86,498	33	576	2,295	84,768	44
1974	36,082	2.44172	88,102	44	583	1,701	86,993	35
1975	36,303	2.46128	89,352	35	719	1,003	89,079	24
1976	36,813	2.42979	89,448	24	805	1,127	89,079	71
1977	36,147	2.53291	91,557	71	706	1,555	90,734	45
1978	35,072	2.77529	97,335	45	996	1,327	96,999	50
1979	34,021	3.00738	102,314	50	1,048	1,329	102,044	39
1980	34,605	2.88562	99,857	39	1,718	714	100,877	23
1981	33,985	3.01530	102,475	23	1,445	560	103,354	29
1982	33,765	3.39351	114,582	29	789	650	114,730	20

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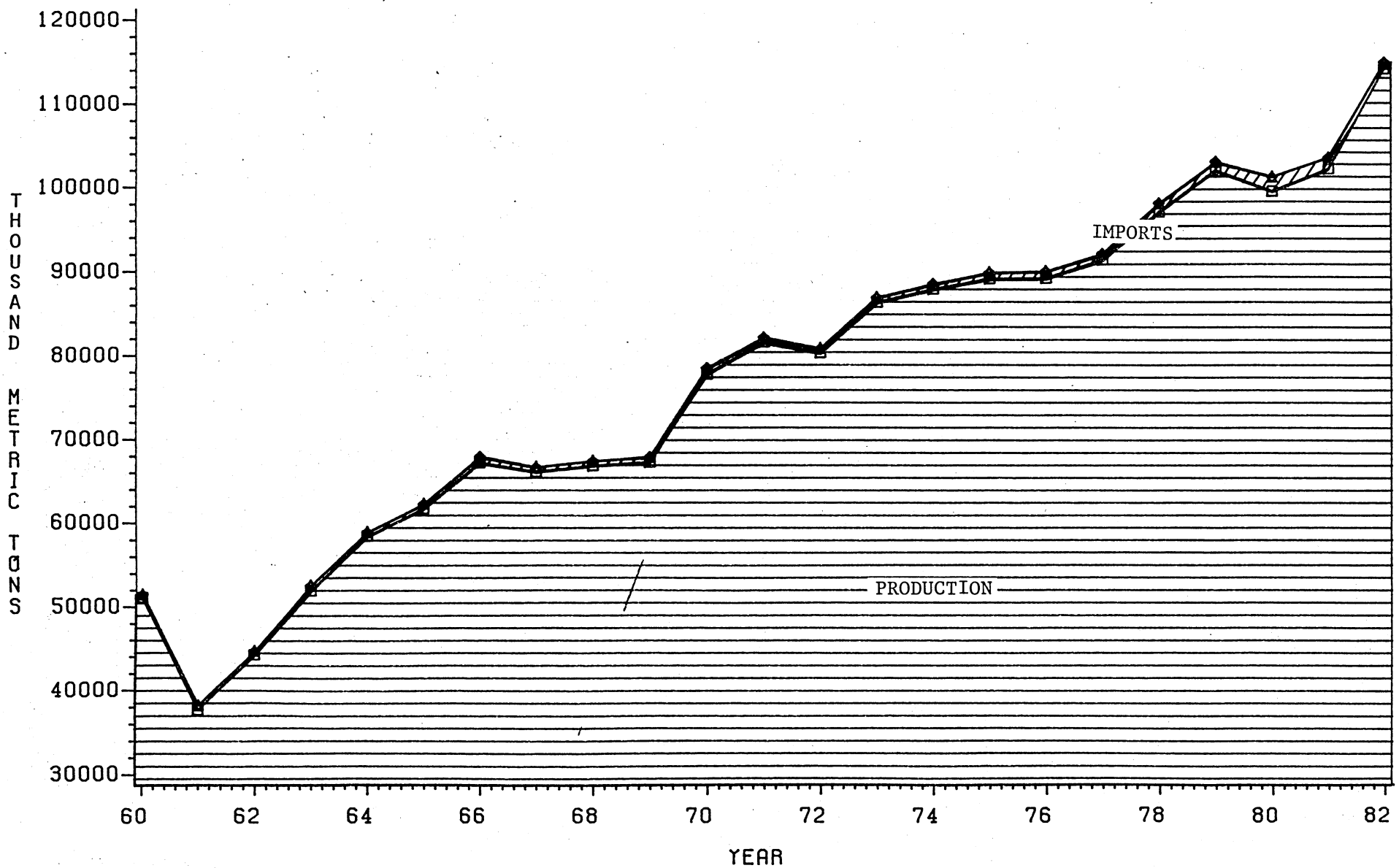
CENTRALLY PLANNED COUNTRIES

RICE SUPPLY 1960–1982



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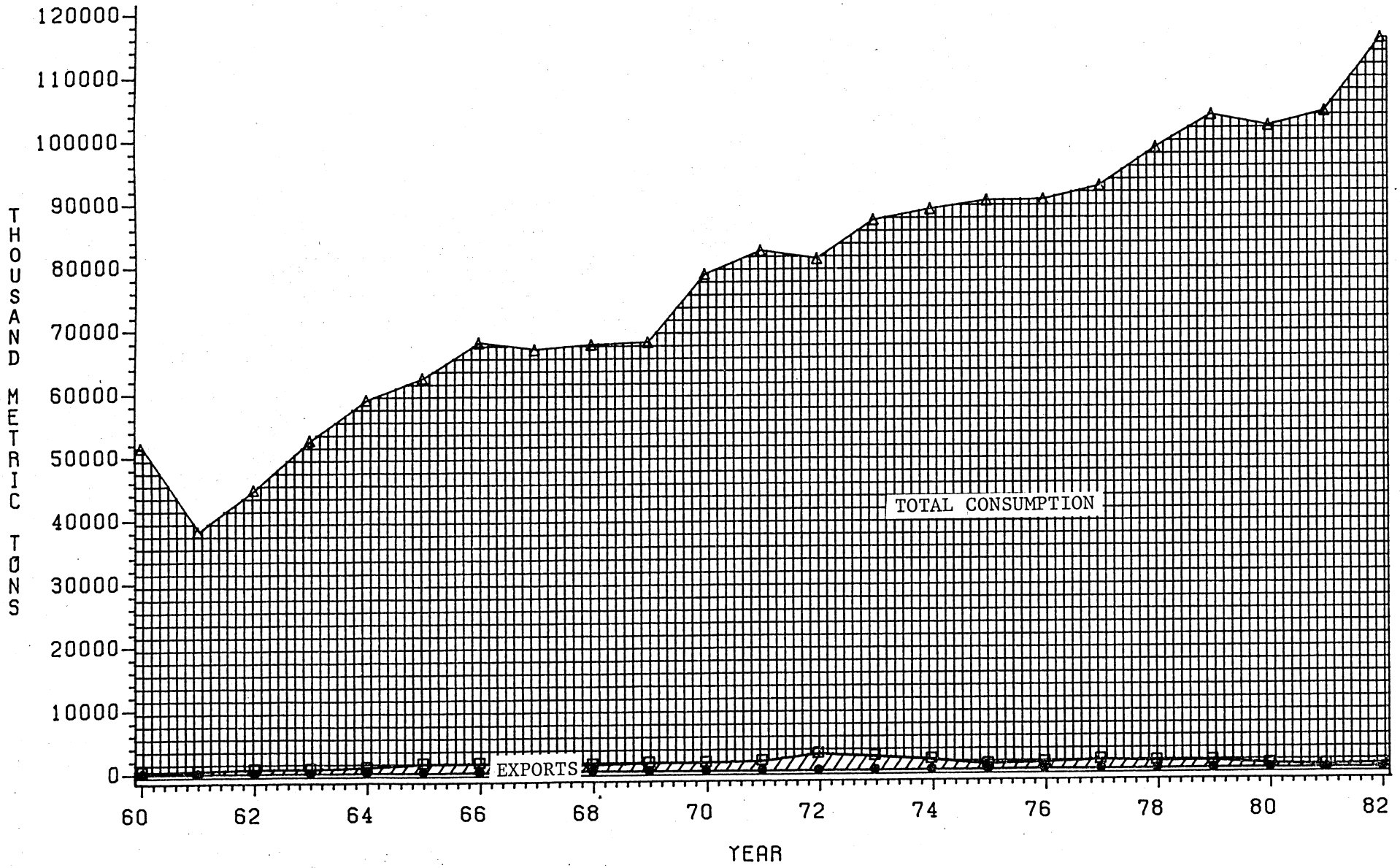
CENTRALLY PLANNED COUNTRIES

RICE UTILIZATION 1960–1982



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TABLE(34) UNDERDEVELOPED COUNTRIES SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	78,967	1.10412	87,189	6,159	4,379	4,470	87,776	5,481
1961	79,623	1.10616	88,076	5,481	4,774	4,309	88,388	5,634
1962	82,663	1.06546	88,074	5,634	4,528	4,692	88,026	5,518
1963	83,726	1.12822	94,461	5,518	5,489	5,295	92,849	7,324
1964	85,523	1.16479	99,616	7,324	5,536	5,243	97,009	10,224
1965	84,224	1.05819	89,125	10,224	4,479	4,571	89,171	10,086
1966	85,269	1.04802	89,364	10,086	4,456	3,831	91,802	8,273
1967	86,639	1.13707	98,515	8,273	3,984	3,463	98,043	9,266
1968	88,449	1.17391	103,831	9,266	4,331	3,564	103,377	10,487
1969	90,599	1.20531	109,200	10,487	3,776	3,559	109,375	10,529
1970	90,366	1.23294	111,416	10,529	5,755	3,999	113,040	10,661
1971	90,040	1.24100	111,740	10,661	5,591	4,009	112,591	11,392
1972	87,561	1.19738	104,844	11,392	4,968	2,897	110,153	8,154
1973	90,875	1.27888	116,218	8,154	5,892	2,734	117,292	10,238
1974	91,577	1.22435	112,122	10,238	5,927	2,268	117,727	8,292
1975	96,225	1.32313	127,318	8,292	4,810	4,391	121,432	14,597
1976	94,079	1.28079	120,495	14,597	5,768	5,892	122,400	12,568
1977	96,716	1.37575	133,057	12,568	7,101	4,196	132,366	16,164
1978	98,385	1.41412	139,128	16,164	8,716	5,826	137,806	20,376
1979	96,841	1.31799	127,635	20,376	9,087	6,432	134,790	15,876
1980	99,106	1.45784	144,481	15,876	10,552	7,106	146,827	16,962
1981	100,479	1.48589	149,301	16,962	7,459	6,797	150,267	16,608
1982	96,319	1.48295	142,836	16,608	7,942	7,042	147,270	13,138

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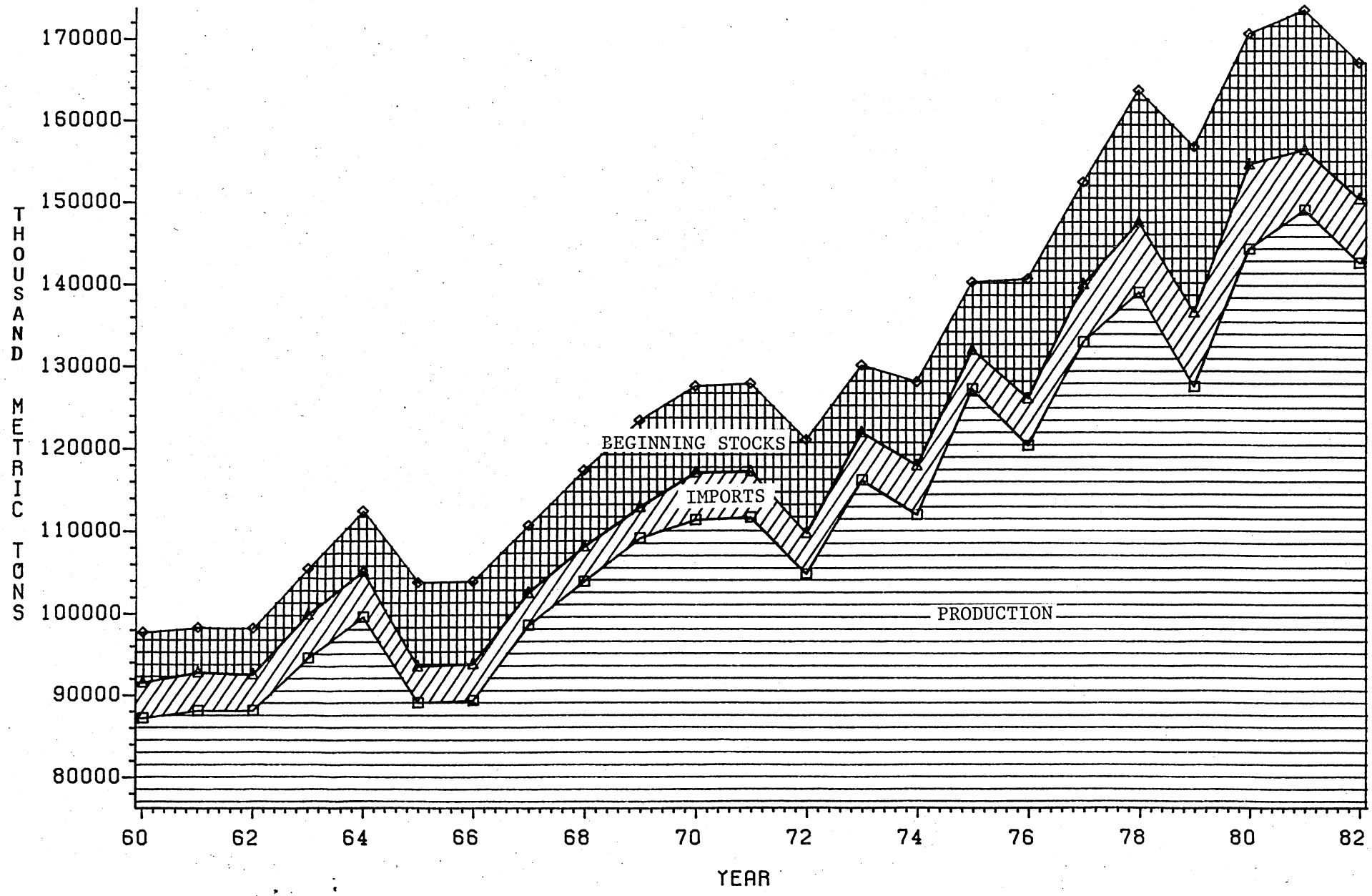
DEVELOPING COUNTRIES

RICE SUPPLY 1960–1982



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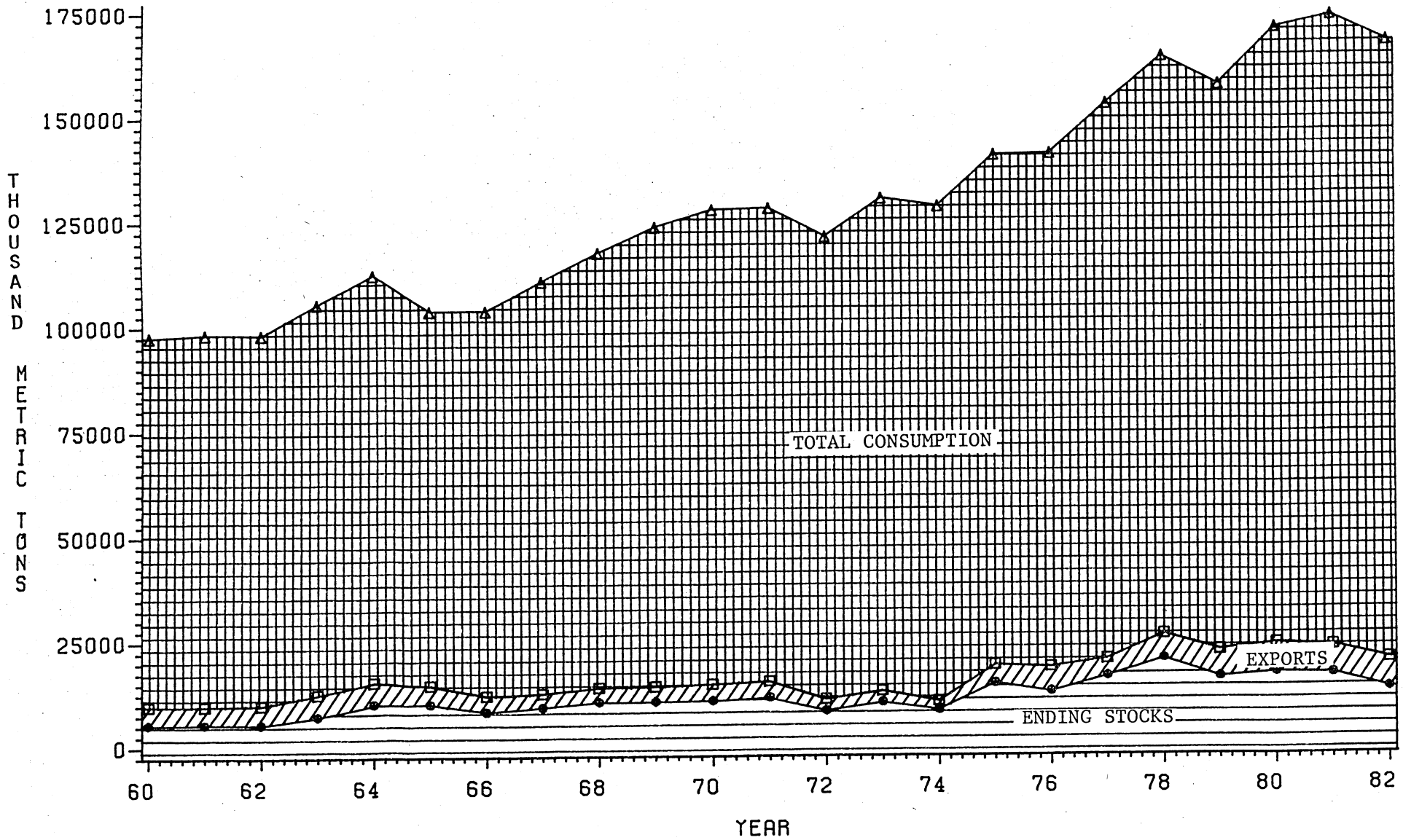
RICE UTILIZATION 1960–1982



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TABLE(35) WORLD SUPPLY/UTILISATION OF RICE (1000 MT)

YEAR	AREA HRVST (1000HA)	YIELD (MT/HA)	PRODN	BEGIN STOCK	IMPORT	EXPORT	TOTAL CONSN	END STOCK
1960	111,341	1.35089	150,409	7,653	6,009	6,173	150,453	7,445
1961	106,872	1.28815	137,667	7,445	5,341	6,084	138,003	6,366
1962	110,565	1.31197	145,058	6,366	6,226	6,820	144,479	6,351
1963	112,503	1.41442	159,127	6,351	6,513	7,747	156,229	8,015
1964	116,144	1.47036	170,773	8,015	6,104	8,004	166,152	10,736
1965	115,139	1.41894	163,375	10,736	5,622	7,803	160,947	10,983
1966	117,030	1.45166	169,888	10,983	5,573	7,644	169,286	9,514
1967	118,170	1.51970	179,583	9,514	5,483	7,021	175,129	12,430
1968	119,546	1.55573	185,981	12,430	5,637	7,268	180,740	16,040
1969	122,388	1.55746	190,614	16,040	5,465	7,803	186,776	17,540
1970	123,615	1.63453	202,052	17,540	7,070	8,451	201,454	16,757
1971	125,513	1.63029	204,622	16,757	6,405	8,435	205,006	14,343
1972	123,354	1.60420	197,885	14,343	7,197	8,559	201,086	9,780
1973	126,456	1.70111	215,115	9,780	6,456	7,788	212,069	11,494
1974	127,736	1.66973	213,285	11,494	6,584	7,517	214,427	9,419
1975	132,706	1.73875	230,743	9,419	7,222	8,056	221,103	18,225
1976	130,986	1.69911	222,560	18,225	9,344	10,121	223,382	16,626
1977	132,973	1.78696	237,618	16,626	8,834	9,365	232,462	21,251
1978	133,876	1.87037	250,398	21,251	10,549	11,424	244,858	25,916
1979	130,921	1.85615	243,009	25,916	11,065	12,333	246,430	21,227
1980	134,028	1.91066	256,082	21,227	13,308	12,994	257,459	20,164
1981	134,910	1.96252	264,763	20,164	10,155	12,273	263,695	19,114
1982	130,513	2.06581	269,615	19,114	9,716	11,388	272,152	14,905

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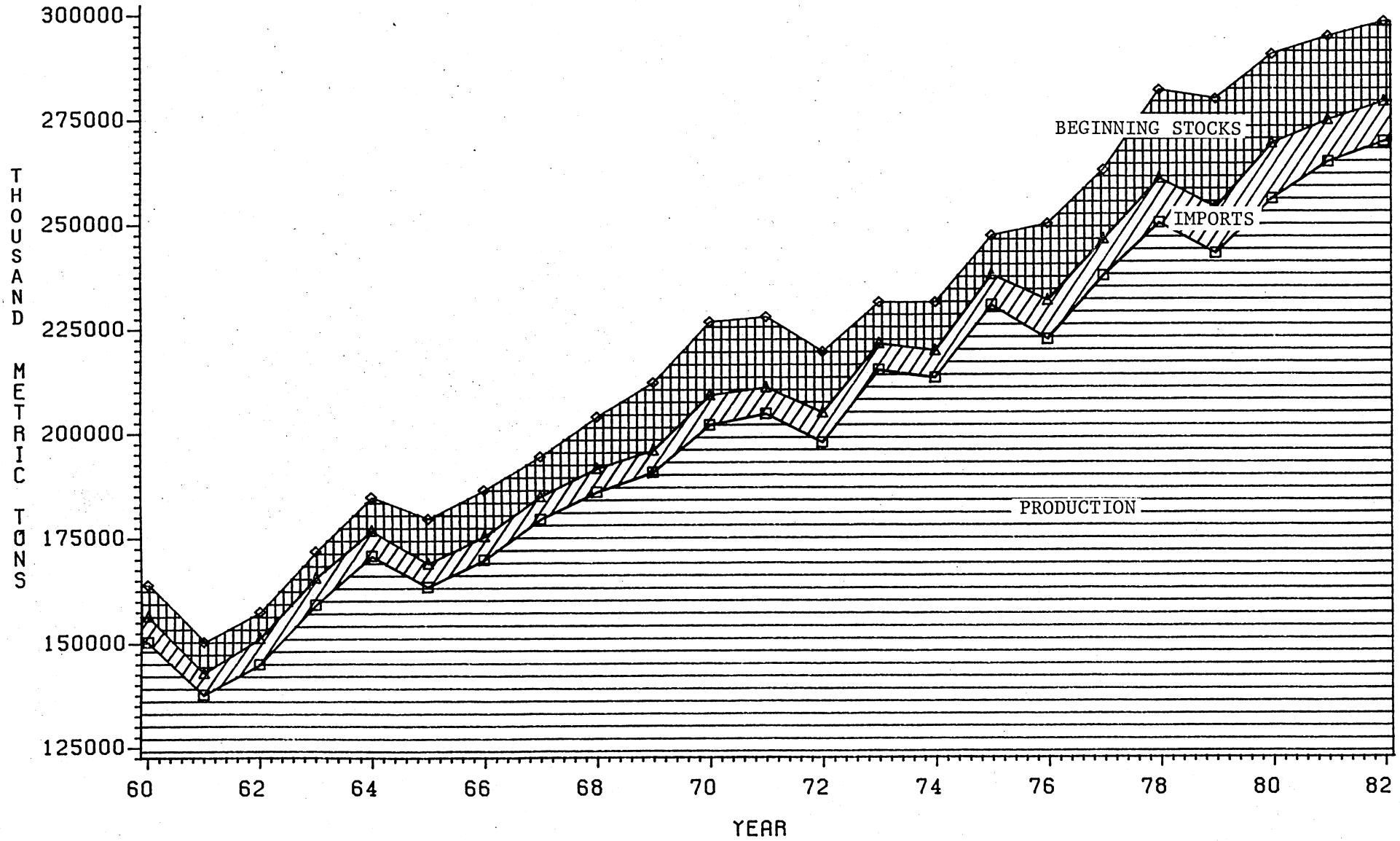
WORLD

RICE SUPPLY 1960–1982



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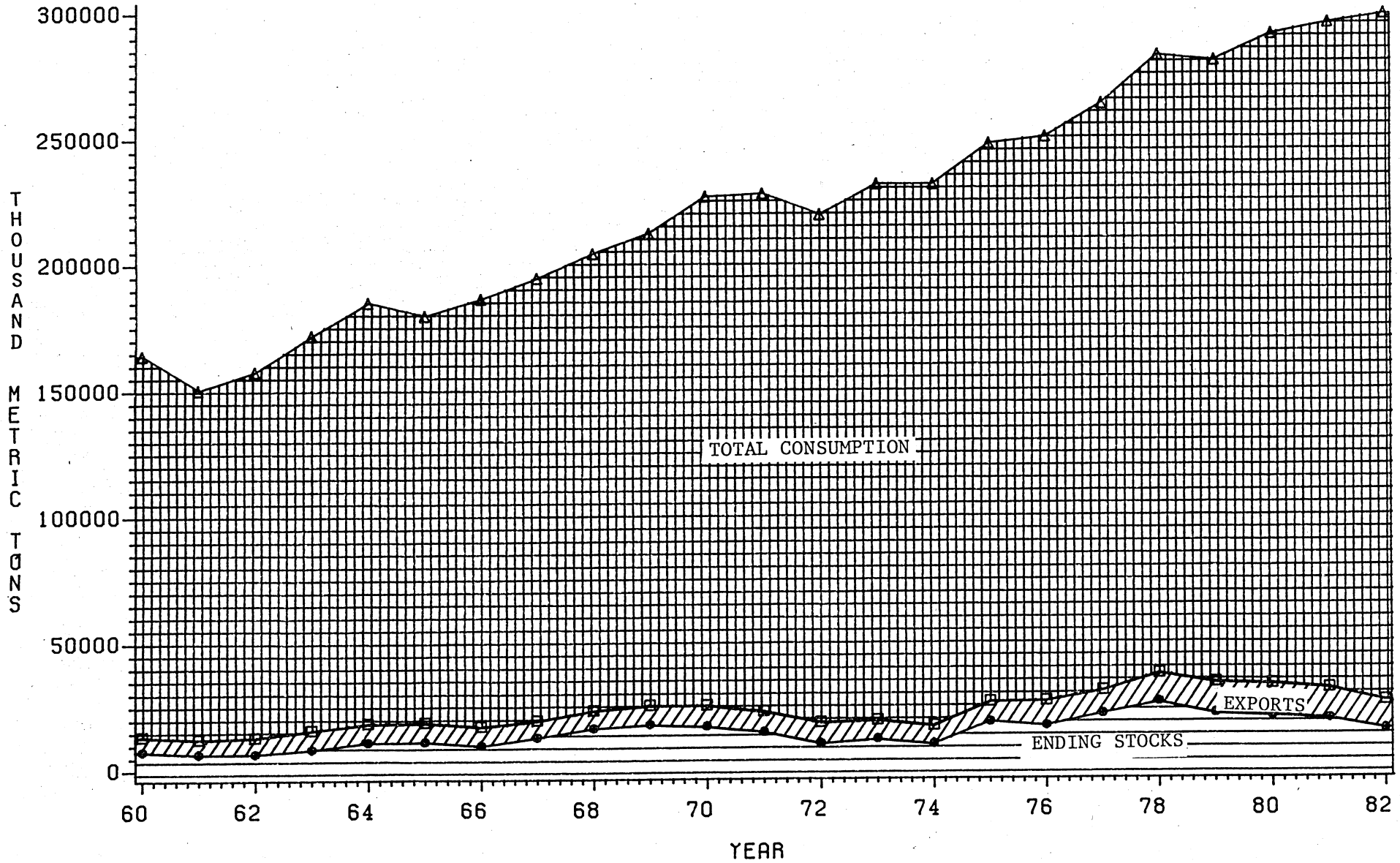
WORLD

RICE UTILIZATION 1960–1982



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