

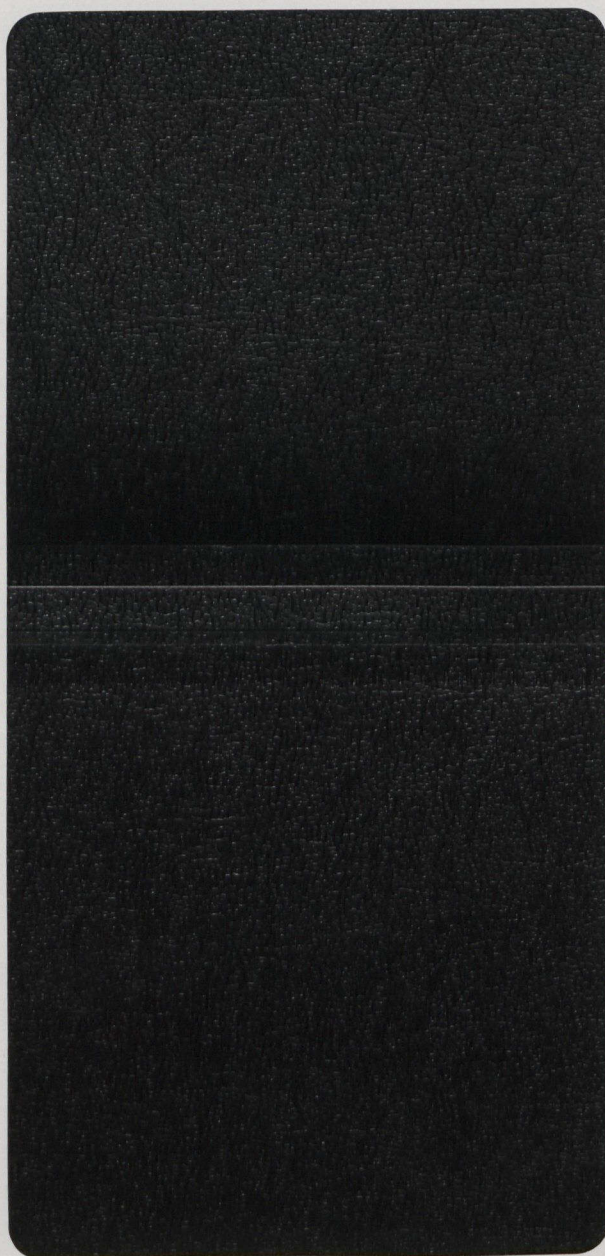
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INDUSTRIAL STUDY
PREPARED AT THE REQUEST OF THE
CANADIAN EMBASSY
SANTIAGO - CHILE **NOV.1990**
TABLES AND CHARTS



STRATEGY & MARKETING CONSULTING
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INDUSTRIAL STUDY
PREPARED AT THE REQUEST OF THE
CANADIAN EMBASSY
SANTIAGO - CHILE **NOV.1990**
TABLES AND CHARTS

Dept. of External Affairs
Min. des Affaires extérieures

AUG 11 1995
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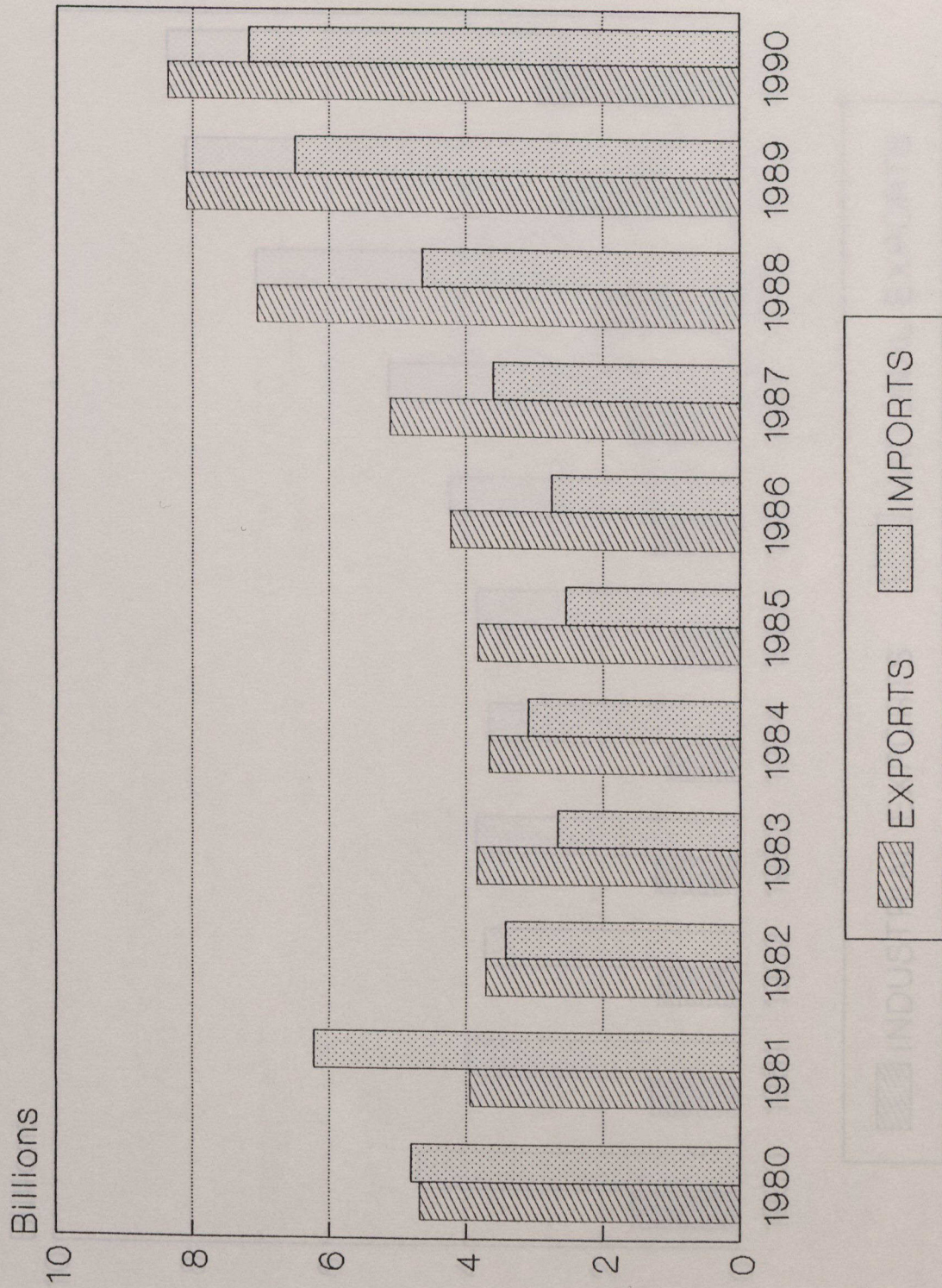
HISTORICAL PERSPECTIVE OF THE INDUSTRIAL SECTOR

(millions of US\$ 1989)

YEARS	(1) GDP	(2) GDP ANNUAL GROWTH RATE %	(3) INDUSTRIAL PRODUCTION	(4) INDUSTRIAL GDP ANNUAL GROWTH RATE %	(5) IND/GDP %
1960	8,929		1,988		22.3%
1961	9,356	4.8	2,135	7.4	22.8%
1962	9,799	4.7	2,337	9.4	23.8%
1963	10,419	6.3	2,429	3.9	23.3%
1964	10,651	2.2	2,552	5.1	24.0%
1965	10,737	0.8	2,665	4.4	24.8%
1966	11,935	11.2	3,000	12.6	25.1%
1967	12,322	3.2	3,086	2.9	25.0%
1968	12,763	3.6	3,186	3.2	25.0%
1969	13,264	3.7	3,272	2.7	24.7%
1970	13,510	2.1	3,336	2.0	24.7%
1971	14,720	9.0	3,789	13.6	25.7%
1972	14,542	(1.2)	3,874	2.2	26.6%
1973	13,732	(5.6)	3,575	(7.7)	26.0%
1974	13,866	1.0	3,484	(2.6)	25.1%
1975	12,076	(12.9)	2,596	(25.6)	21.5%
1976	12,501	3.5	2,753	6.0	22.0%
1977	13,733	9.9	2,986	8.5	21.7%
1978	14,862	8.2	3,263	9.3	22.0%
1979	16,093	8.3	3,521	7.9	21.9%
1980	17,345	7.8	3,738	6.2	21.6%
1981	18,304	5.5	3,834	2.6	20.9%
1982	15,726	(14.1)	3,030	(21.0)	19.3%
1983	15,614	(0.7)	3,124	3.1	20.0%
1984	16,604	6.3	3,429	9.8	20.7%
1985	17,011	2.4	3,469	1.2	20.4%
1986	17,974	5.7	3,747	8.0	20.8%
1987	19,005	5.7	3,952	5.5	20.8%
1988	20,403	7.3	4,295	7.3	21.1%
1989	22,443	10.0	4,725	10.0	21.1%
1990	23,116	3.0	4,866	3.0	21.1%
1991	24,014	4.0	5,061	5.0	21.1%

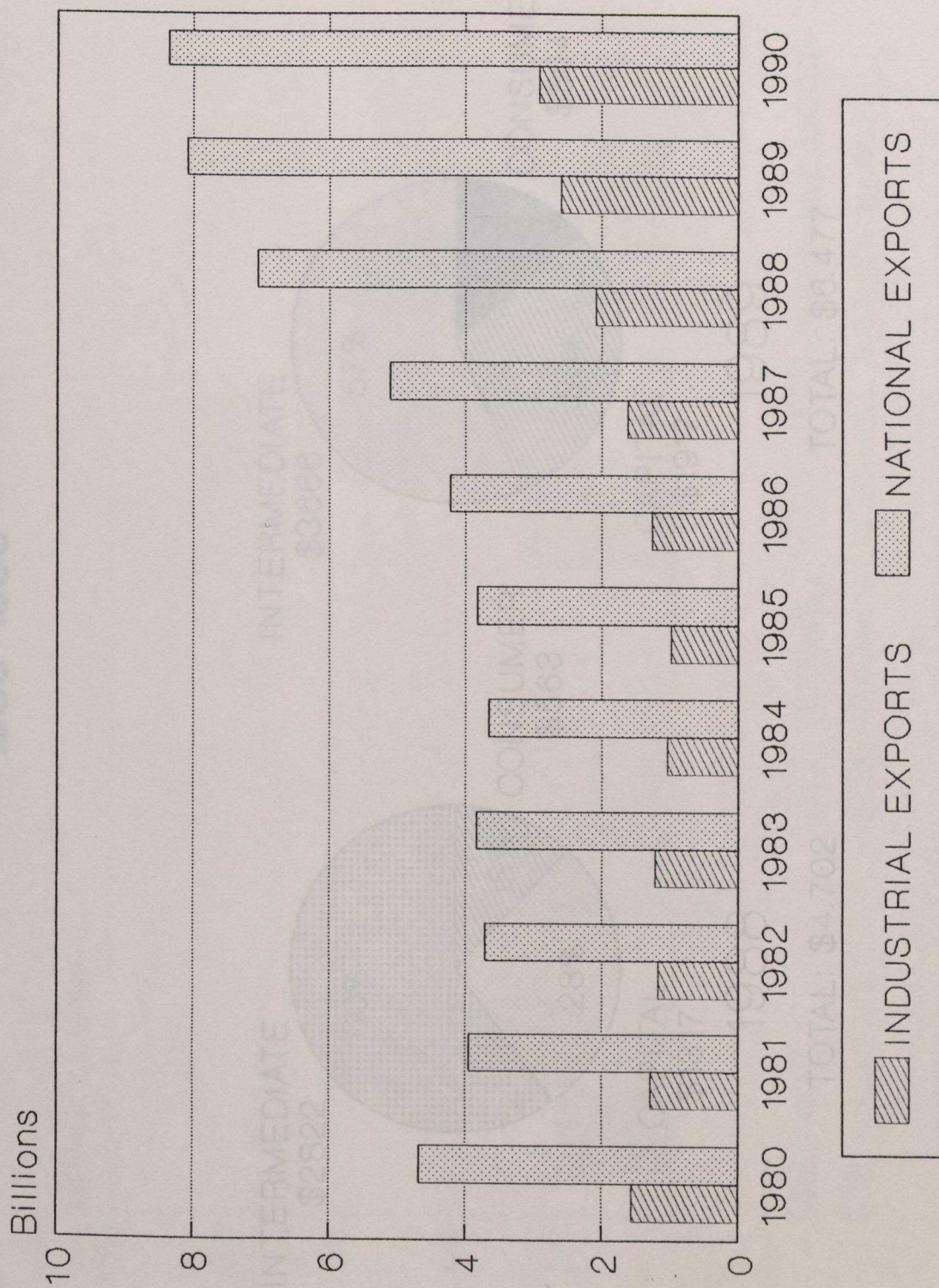
SOURCE: Central Bank of Chile

INDUSTRY EXPORTS AND IMPORTS EVOLUTION



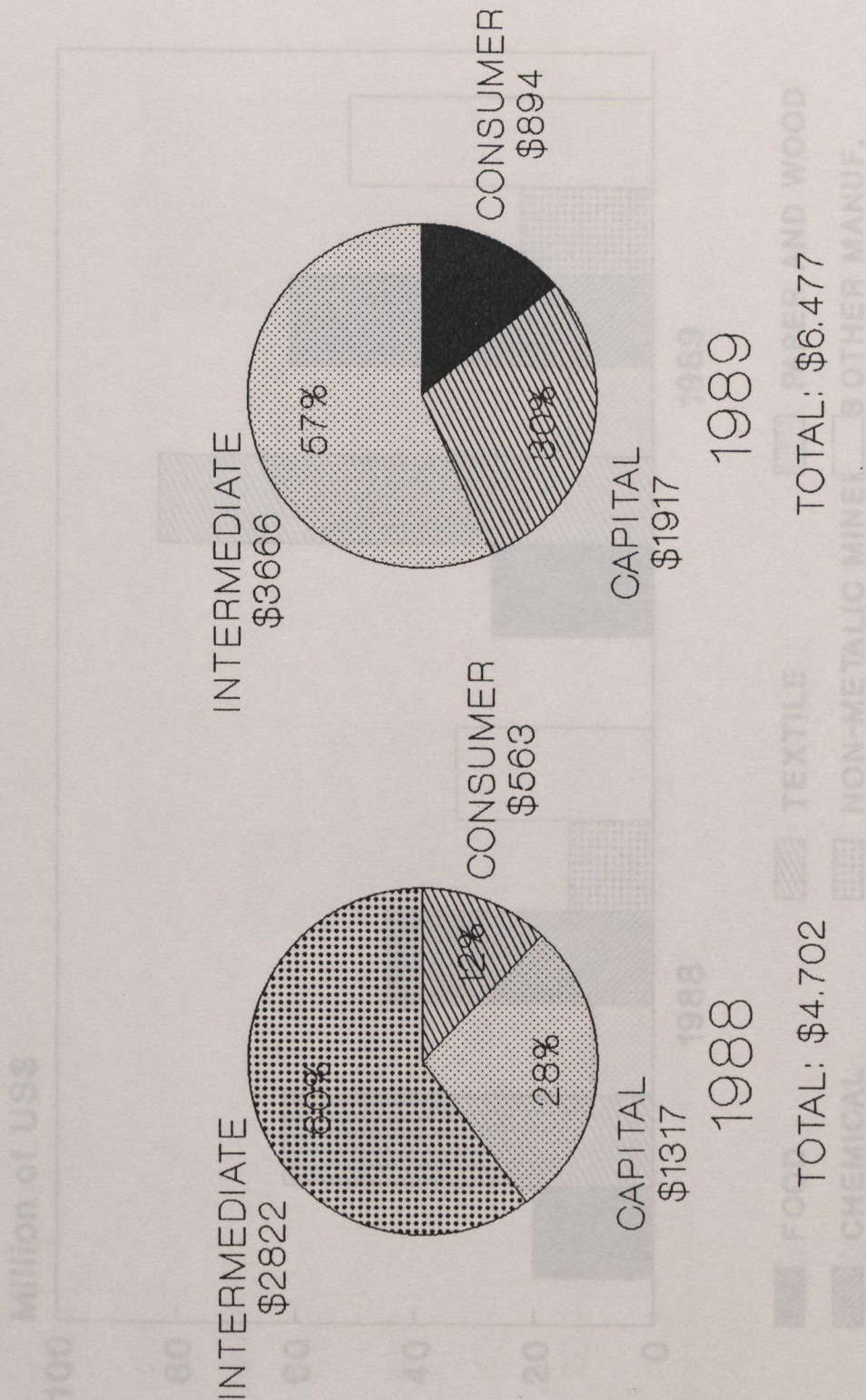
Source: Central Bank of Chile

INDUSTRIAL EXPORTS / NATIONAL EXPORTS



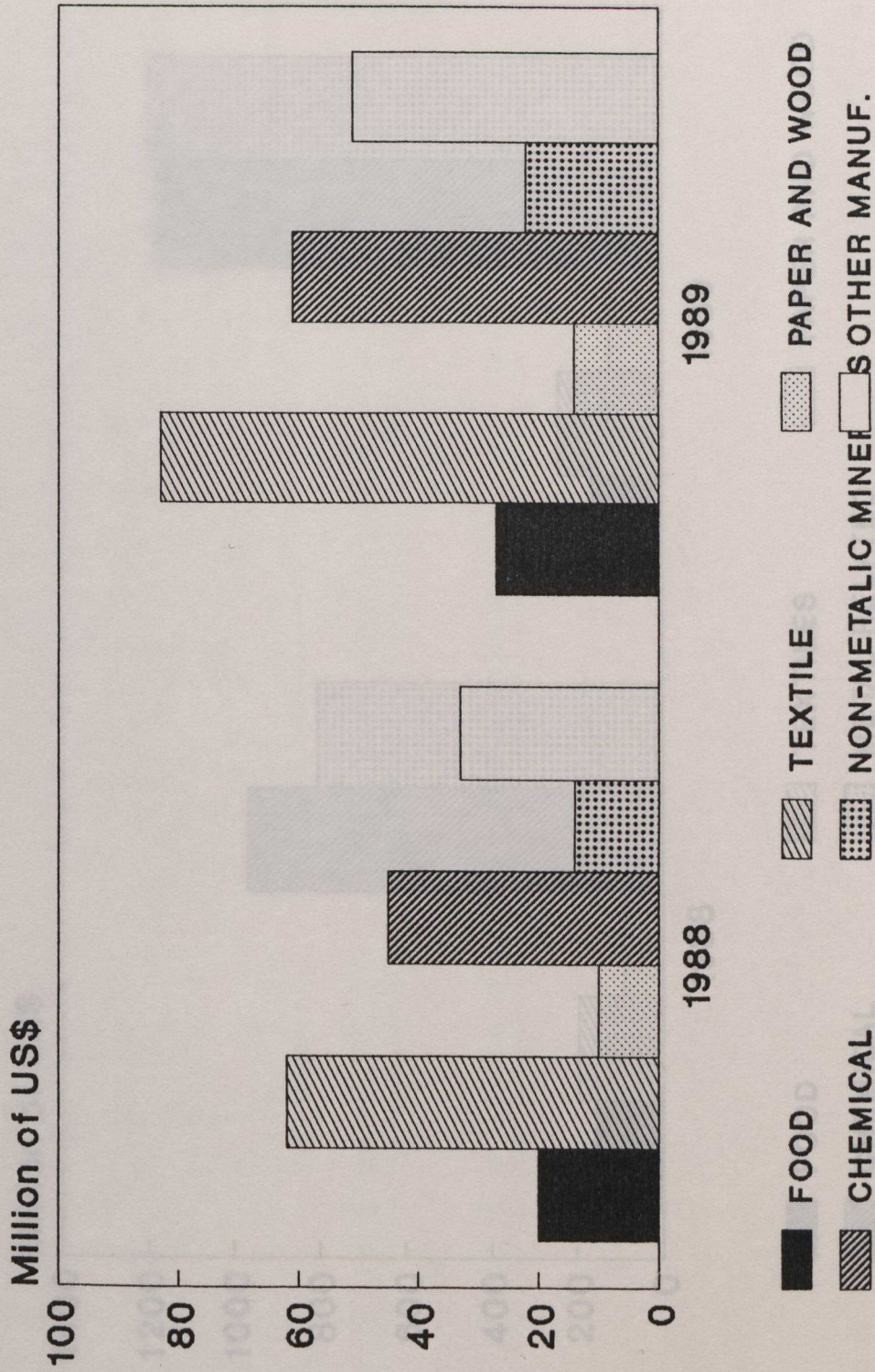
Source: Central Bank of Chile

CHILEAN IMPORTS 1988-1989



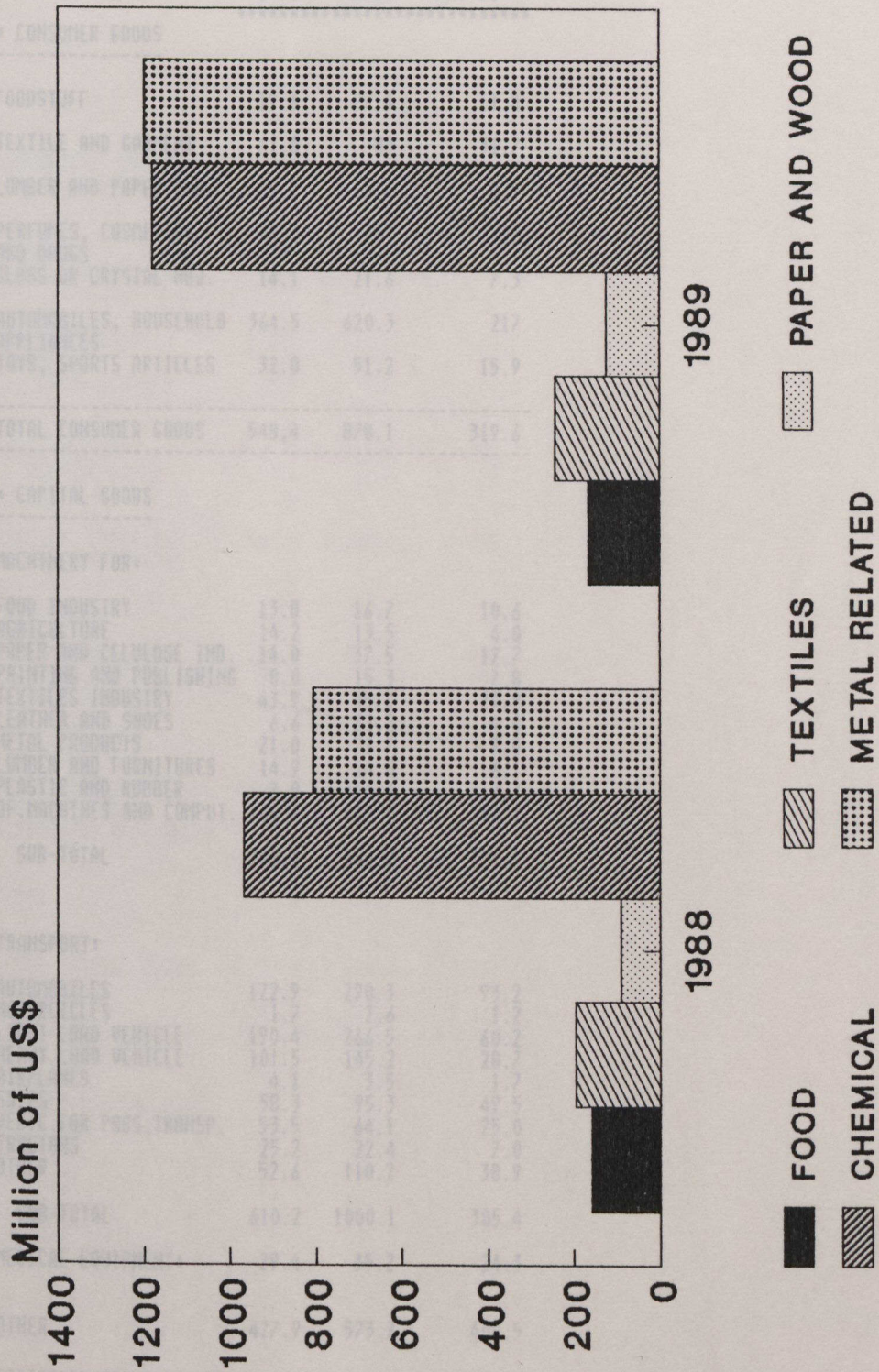
SOURCE: CENTRAL BANK OF CHILE

**INDUSTRIAL IMPORTS
CONSUMER GOODS**



SOURCE: CENTRAL BANK (Excluding Sector 37/38 metal related)

INDUSTRIAL IMPORTS INTERMEDIATE GOODS



SOURCE: CENTRAL BANK OF CHILE

INDUSTRIAL IMPORTS

	1988	1989	MAY 90

* CONSUMER GOODS			

FOODSTUFF	19.6	27.4	11.8
TEXTILE AND GARMENT	61.8	83	31.7
LUMBER AND PAPER IND.	10.2	13.6	8.9
PERFUMES, COSMETICS AND DRUGS	45.4	61	27
GLASS OR CRYSTAL OBJ.	14.1	21.6	7.3
AUTOMOBILES, HOUSEHOLD APPLIANCES	364.5	620.3	217
TOYS, SPORTS ARTICLES	32.8	51.2	15.9

TOTAL CONSUMER GOODS	548.4	878.1	319.6

* CAPITAL GOODS			

MACHINERY FOR:			
FOOD INDUSTRY	13.8	16.7	10.6
AGRICULTURE	14.2	13.5	4.0
PAPER AND CELULOSE IND.	14.0	37.5	12.7
PRINTING AND PUBLISHING	8.0	15.3	7.8
TEXTILES INDUSTRY	43.9	45.6	29.9
LEATHER AND SHOES	6.6	12.2	4.0
METAL PRODUCTS	21.0	21.7	9.0
LUMBER AND FURNITURES	14.9	14.6	6.1
PLASTIC AND RUBBER	7.0	16.3	7.7
OF MACHINES AND COMPUT.	104.7	112.8	47.1

SUB-TOTAL	248.1	306.2	121.9

TRANSPORT:			
AUTOMOBILES	122.9	290.3	93.2
MOTORCICLES	1.7	2.6	1.2
LIGHT LOAD VEHICLE	190.4	266.5	60.2
HEAVY LOAD VEHICLE	101.5	145.2	28.7
AIRPLANES	4.1	3.5	1.7
SHIPS	58.3	95.3	49.5
VEHIC. FOR PASS. TRANSP.	53.5	64.1	25.0
TRACTORS	25.2	22.4	7.0
OTHER	52.6	110.2	38.9

SUB-TOTAL	610.2	1000.1	305.4

MEDICAL EQUIPMENT:	29.4	35.2	24.3

OTHER	427.9	573.7	408.5

TOTAL CAP. GOODS	1,315.6	1,915.2	860.1

FOREIGN INVESTMENT AUTHORIZED UNDER D.I.
 (in thousands of nominal US\$)

Table 7

YEAR	1984	1987	1988	1989	1990 *
TOTAL	262,771	545,900	1,340,530	2,958,628	477,547
SECTOR					
SERVICES	109,340	128,581	498,409	667,147	360,079
INDUSTRY	105,718	53,095	91,327	293,078	15,168
MINING	48,123	263,913	1,948,890	1,965,514	139,000
INDUSTRIAL IMPORTS	129	3,948	4,087	5,494	1,190
*****	6,738	16,067	16,585	4,017	7,090
FORESTRY	532	0	0	540	0
FISHING				140	1,500
*****				14,300	560
* INTERMEDIATE GOODS					
TEXTIL INDUSTRY	196.5	243.4	84.7		
- COTTON	40.6	39.0	9.3		
- COTTON CLOTHES	21.5	33.4	11.4		
PAPER INDUSTRY	85.5	113.5	56.7		
- WRITING PAPER	14.4	16.6	8.6		
CHEMICAL PRODUCTS AND OIL BYPRODUCTS	966.9	1,180.6	488.7		
BASIC METAL IND.	155.3	270.8	129.0		
- STEEL	94.3	139.3	54.8		
- ALUMINUM	17.6	20.1	9.7		
METAL PROD., MACHINERY AND ELECTRICAL APPLIANCES	605.3	845.6	394.4		
OTHER	35.6	27.7	21.8		
TOTAL INTERM. GOODS	2,233.5	2,930.0	1,269.1		
TOTAL	4,097.5	5,723.3	2,448.8		

SOURCE: CENTRAL BANK

COUNTRIES OF ORIGIN	1989	USA VALUE	COUNTRIES OF ORIGIN	1989	USA VALUE	COUNTRIES OF ORIGIN	1990	USA VALUE
UNITED STATES	780,000,577	540,632,830	UNITED STATES	57,825,797	57,825,797			
UNITED KINGDOM	220,730,790	160,791,041	UNITED KINGDOM	17,500,000	17,500,000			
SPAIN	75,024,013	90,444,250	HOLLAND	8,300,000	8,300,000			
HONG KONG	27,652,957	25,720,518	JAPAN	4,293,000	4,293,000			
FRANCE	26,452,409	75,842,557	FRANCE	5,620,487	5,620,487			
SWITZERLAND	20,600,000	59,000,000	DUTCH ANTILLES	5,000,000	5,000,000			
GERMANY	19,000,000	35,812,250						
ITALY	11,550,000	33,530,257						
NETHERLANDS	10,621,744	23,000,000						
ARGENTINA	9,632,420	32,700,974						
OTHER	75,161,076	457,072,095	OTHER					
TOTAL	1,990,192,987	1,316,652,754			90,845,245			

* Figures up to March 31, 1990

Source: Central Bank of Chile

FOREIGN INVESTMENT AUTHORIZED UNDER D.L. 600

Table 8

(in thousands of nominal US\$)

YEAR	1986	1987	1988	1989	1990 *
TOTAL	262,771	563,000	1,949,538	2,958,628	472,547
SECTOR					
SERVICES	109,560	124,581	490,409	667,147	308,079
INDUSTRY	105,719	53,045	91,327	299,078	15,168
MINING	40,323	363,933	1,348,894	1,965,516	139,000
AGRICULTURE	629	3,946	4,087	5,494	1,150
CONSTRUCTION	6,218	16,067	10,501	6,013	7,090
TRANSPORTATION	322	56	55	340	0
FORESTRY	-	440	2,565	140	1,500
FISHING	-	932	1,700	14,900	560

* Figures up to March 31, 1990 (tentative)

FOREIGN INVESTMENT MATERIALIZED UNDER D.L. 600

(in thousands of nominal US\$)

YEAR	1986	1987	1988	1989	1990 *
TOTAL	184,096	497,024	787,284	897,915	375,006
SECTOR					
SERVICES	76,756	130,930	322,505	152,859	221,861
INDUSTRY	42,483	234,137	101,747	126,293	28,949
MINING	60,404	125,202	357,679	604,388	119,043
AGRICULTURE	627	2,107	1,983	6,501	495
CONSTRUCTION	3,410	3,341	2,617	7,077	2,514
TRANSPORTATION	379	-	111	341	0
FORESTRY	28	375	392	431	1,624
FISHING	9	932	250	25	520

* Figures up to March 31, 1990 (tentative)

Note: Investments materialized include amounts authorized each year as well as in previous years, and in all forms consistent with D.L. 600.

TRANSACTIONS AUTHORIZED UNDER CHAPTER XIX

COUNTRIES OF ORIGIN	1988	US\$ VALUE	COUNTRIES OF ORIGIN	1989	US\$ VALUE	COUNTRIES OF ORIGIN	1990	US\$ VALUE
UNITED STATES		398.008.577	UNITED STATES		540.632.638	UNITED STATES		52.093.782
UNITED KINGDOM		220.738.790	UNITED KINGDOM		160.291.041	UNITED KINGDOM		12.500.000
SPAIN		75.024.013	SPAIN		98.444.258	HOLLAND		9.300.000
HOLLAND		27.692.857	SWITZERLAND		95.728.916	JAPAN		6.293.000
FRANCE		26.632.485	FRANCE		75.542.557	FRANCE		5.628.483
SWITZERLAND		20.600.000	SAUDI ARABIA		59.000.000	DUTCH ANTILLES		5.000.000
SOUTH AFRICA		15.000.000	CAYMAN ISLAND		33.912.230			
CANADA		11.030.000	ITALY		33.520.253			
SCOTLAND		10.671.944	KUWAIT		33.000.000			
ARGENTINA		9.632.420	JAPAN		32.708.976			
OTHER		75.161.896	OTHER		153.872.085	OTHER		-
TOTAL		890.192.982			1.316.652.954			90.815.265

* Figures up to March 31, 1990

Source : Central Bank of Chile

MAIN INDUSTRIAL INVESTMENT PROJECTS
 (billions of dollars)

MAIN INVESTMENT PROJECTS UNDER DEVELOPMENT	PRIVATE SECTOR	PUBLIC SECTOR	TOTAL
(September 1990)			
71- FOODSTUFFS, BEVERAGES	393.4		393.4
72- TEXTILE, APPAREL AND LEATHER IND.			22.0
			MILL. US\$
PRIVATE SECTOR	14,787.5		408.5
- AGRICULTURAL	150.0		3,953.3
- INDUSTRY	5,588.0	249.4	1,728.0
- MINING	3,335.2		20.4
- ENERGY	1,880.0	99.0	257.4
- TELECOMMUNICATIONS	1,973.9		10.3
- TOURISM	532.2	348.4	5,956.4
- TRADE	105.5		
- TRANSPORT AND SUBSTRUCTURE	1,222.7		
STATE ENTERPRISES	2,657.1		
- CODELCO	1,053.0		
- ENAMI	199.0		
- ENERGY	135.5		
- MINISTRY OF WORKS AND TRANSPORT	1,269.6		
TOTAL PROJECTS	17,444.6		
IN EVALUATION BY THE NATIONAL ENERGY COMISION	2,155.0		
IDEAS IN PROJECT	2,379.5		

MAIN INDUSTRIAL INVESTMENT PROJECTS

(millions of dollars)

REGIONS	MINING	INDUSTRY	TOURISM AND TRADE	PRIVATE ENERGY	PUBLIC ENERGY	TELECOM.	TRANSP. AND INFRASTR.	PUBLIC CIVIL PROJECTS	STATE ENTERPRISES	TOTAL	%
INDUSTRIAL DIVISION			PRIVATE SECTOR		PUBLIC SECTOR						

31: FOODSTUFFS, BEVERAGES			393.4	-						568.9	3.32
32: TEXTILE, GARMENTS AND LEATHER IND.			26.8							2,670.2	15.22
33: LUMBER INDUSTRY			408.5							201.7	5.22
34: PAPER MANUFACTURING			3,553.8							50.0	0.38
35: CHEMICAL SUBSTANCES			1,008.6	269.4						484.0	2.84
36: NON-METAL MINERAL PRODUCTS			20.0							50.0	0.38
37: BASIC METAL INDUSTRIES			158.6	99.0						1,415.6	9.24
38: METAL PRODUCTS			18.3							805.4	4.78
TOTAL			5,588.0	368.4						2,071.4	12.04
Source: SOFOFA, September 1990.										1,444.4	8.43

RELATIVE PARTICIPATION

(%)

REGIONS	MINING	INDUSTRY	TOURISM AND TRADE	PRIVATE ENERGY	PUBLIC ENERGY	TELECOM.	TRANSP. AND INFRASTR.	PUBLIC CIVIL PROJECTS	STATE ENTERPRISES	TOTAL
TOTAL REGIONS	88.0	97.5	48.7	25.8	100.0	59.0	24.0	65.3	100.0	79.7
METROPOLITAN AREA	12.0	2.5	59.9	74.2	0.0	40.3	74.1	34.7	0.0	20.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL/SEC.	19.3	32.3	3.7	10.9	0.0	11.4	7.1	7.3	7.3	100.0

SOURCE: SOFOFA

INDUSTRIAL
INVESTMENT OPERINGS
=====

MAIN INVESTMENTS PROJECTS
=====

(million US\$)

REGIONS	TOURISM AND PRIVATE PUBLIC ENERGY					TELECOM.	TRANSP. AND INFRASTR.	PUBLIC CIVIL PROJECTS	STATE ENTERPRISES	TOTAL	%
	MINING	INDUSTRY	TRADE	ENERGY	ENERGY						
I	343.0	124.4	8.0	-	18.0	59.8	6.0	9.7	-	568.9	3.3%
II	1,354.8	790.8	2.5	-	1.0	66.2	31.0	24.0	349.9	2,620.2	15.2%
III	777.2	11.0	-	-	-	18.1	-	46.3	49.1	901.7	5.2%
IV	278.2	1.0	47.0	-	-	44.8	10.0	103.0	-	484.0	2.8%
NORTH ZONE	-	-	-	-	-	50.0	-	-	-	50.0	0.3%
V	140.0	122.2	108.6	100.8	36.7	253.5	44.0	309.0	300.8	1,415.6	8.2%
VI	-	53.0	18.0	65.0	-	45.2	-	72.0	552.2	805.4	4.7%
VII	-	115.5	-	246.8	-	31.7	-	61.2	-	455.2	2.6%
VIII	-	1,475.3	13.5	920.0	47.3	134.0	84.6	28.8	-	2,703.5	15.6%
IX	-	1,389.7	10.0	-	-	53.2	-	115.0	-	1,567.9	9.1%
X	-	1,006.0	-	70.0	-	1.4	7.5	13.4	-	1,098.3	6.4%
XI	42.0	36.7	-	-	-	-	-	23.2	-	101.9	0.6%
XII	-	320.9	-	21.7	2.5	39.0	5.0	24.0	-	413.1	2.4%
SOUTH ZONE	-	-	-	-	30.0	36.0	-	-	-	66.0	0.4%
ALL REGIONS	-	-	48.5	-	-	347.0	129.6	-	0.0	525.1	3.0%
TOTAL REGIONS	2,935.2	5,446.5	256.1	1,424.3	135.5	1,179.9	317.7	829.6	1,252.0	13,776.8	79.7%
METROPOLITAN AREA	400.0	68.5	209.1	455.7	-	23.1	875.0	40.0	-	2,071.4	12.0%
SANTIAGO	0.0	73.0	172.5	-	-	770.9	30.0	400.0	-	1,446.4	8.4%
TOTAL	3,335.2	5,588.0	637.7	1,880.0	135.5	1,973.9	1,222.7	1,269.6	1,252.0	17,294.6	100.0%
%	19.3%	32.3%	3.7%	10.9%	0.8%	11.4%	7.1%	7.3%	7.2%	100.0%	

RELATIVE PARTICIPATION
=====

(%)

REGIONS	TOURISM AND PRIVATE PUBLIC ENERGY					TELECOM.	TRANSP. AND INFRASTR.	PUBLIC CIVIL PROJECTS	STATE ENTERPRISES	TOTAL
	MINING	INDUSTRY	TRADE	ENERGY	ENERGY					
TOTAL REGIONS	88.0	97.5	40.2	75.8	100.0	59.8	26.0	65.3	100.0	79.7
METROPOLITAN AREA	12.0	2.5	59.9	24.2	0.0	40.3	74.1	34.7	0.0	20.4
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL/SEC.	19.3	32.3	3.7	10.9	0.8	11.4	7.1	7.3	7.2	100.0

SOURCE: SOFOFA

INDUSTRIAL
INVESTMENT OPENINGS
=====

Table 12

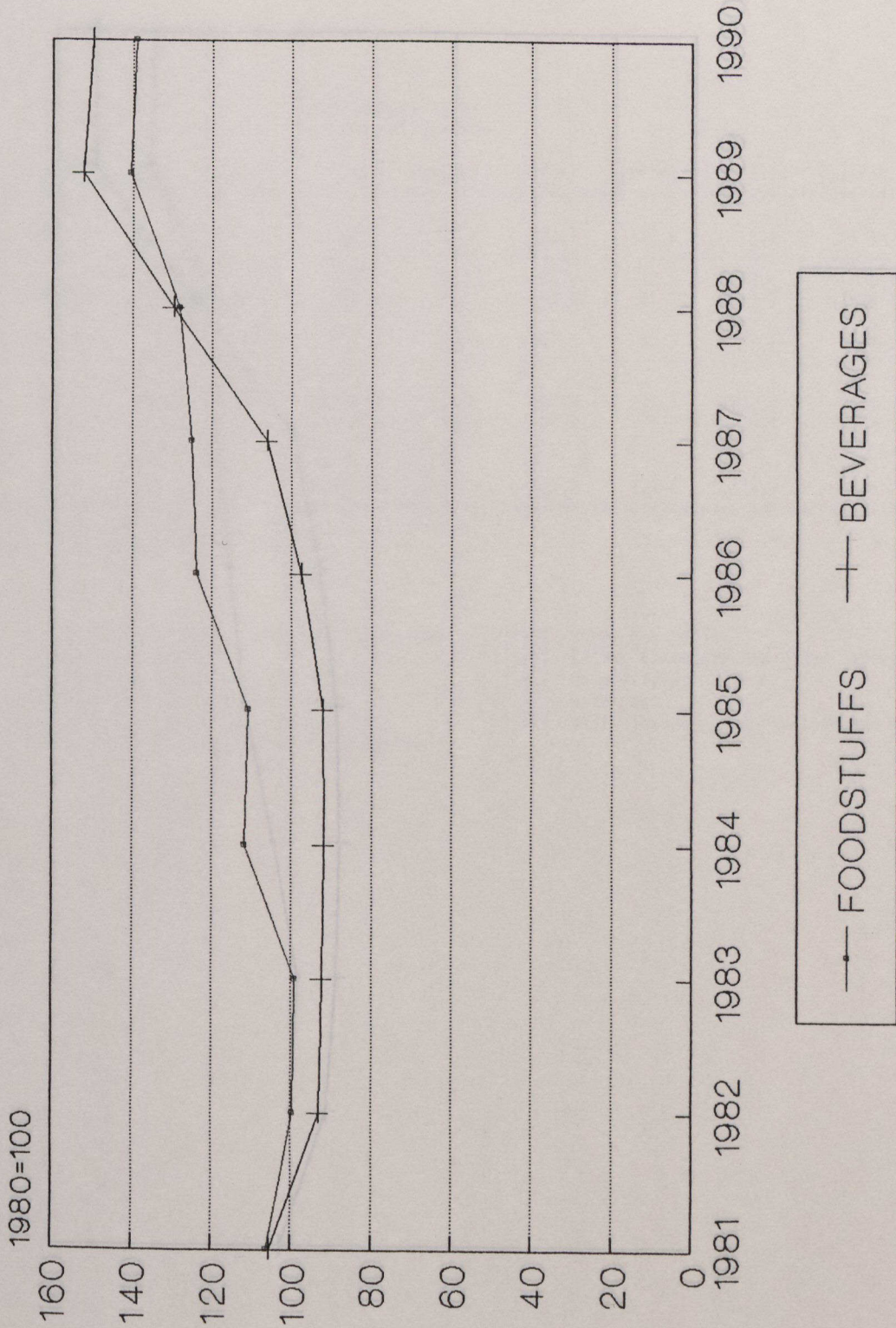
TABLE NR. 13

HIGH POTENTIAL	MEDIUM POTENTIAL	LOW POTENTIAL	AMOUNT MILLION USD
FURNITURE AND FIXTURES	BEVERAGES	TEXTILES	
NON-METAL MINERALS	GLASS PRODUCTS	LEATHER, EXCEPT SHOES	
WOOD PRODUCTS	ELECTRONIC EQUIPMENT	OIL REFINING	
CHEMICAL PRODUCTS	DOMESTIC HOUSEHOLD APPLIANCES	RUBBER	
GARMENTS	TRANSPORTATION EQUIPMENT	BASIC STEEL INDUSTRY	
PAPER AND PRINTING	FOOTWEAR	NON-FERROUS BASIC	
PLASTICS	NON-ELECTRICAL MACHINERY	INDUSTRIES	
FOODSTUFFS	METAL PRODUCTS		
* AGRIBUSINESS	SEAFOOD CANNING		
* BEEF			
* DAIRY PRODUCTS	STORA - SWEDEN	CELULOSE AND FORESTRY	200
SOURCE: FOREIGN INVESTMENT COMMITTEE			
	PETER HOLT HARVEY NEW ZEALAND	CELULOSE	600
WATTE	SIMPSON PAPER - CANADA	CELULOSE	500
	CAPE HORN METHANOL CITIBANK - USA	METHANOL	
	ROTHSCHILD BN - FRANCE	BANKING-FINANCE	35
LUXSHC	PALLANER - GERMANY	BREWERY	300
	MIDLAND BANK - ENGLAND	MINING	50
	ORITOKLIMPU/CORINCO FINLAND	MINING	60
CORFO-WOL INET	ARAY - USA	MINING	192
ICAROSAN	SAS - SWEDEN	AIRLINE	200
	NOVOTEL - USA	HOTEL CONSTRUCTION	90
EDUARDO STERN AND OTHERS	SPIC-BATIONOLLES - FRANCE LES ABC - FRANCE	TOURISM	200
SOQUIBICI	PISSIS-NEBRASKA - USA	MINING	95
ENOS	DYKATER - ENGLAND	WATER TREATMENT	90
COOILED	HOMESTAKE - USA MITSUBISHI - JAPAN	MINING UTILITY	73
ENAP	HINE OIL - USA EUROCAM	OIL	20

THE MOST RELEVANT JOINT VENTURES EFFECTED IN CHILE

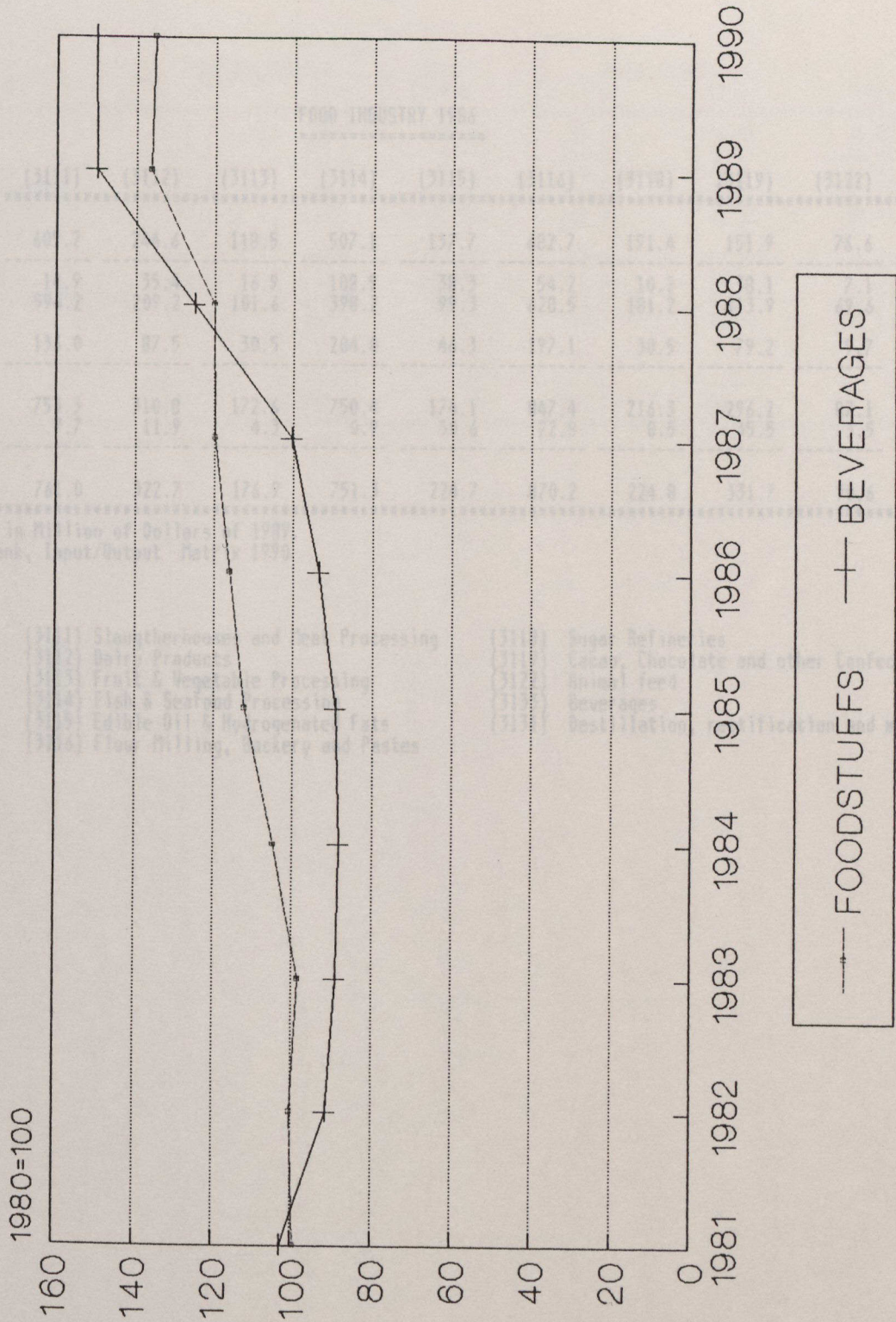
LOCAL COMPANY	FOREIGN COMPANY	PROYECT	AMOUNT MILLION USD
ANGELINI	STORA - SWEDEN	CELULOSE AND FORESTRY	1,200
	CARTER HOLT HARVEY NEW ZELAND	CELULOSE	600
MATTE	SIMPSON PAPER - CANADA	CELULOSE	580
	CAPE HORN METHANOL CITIBANK - USA	METHANOL	
	ROTHSCHILD MN - FRANCE	BANKING-FINANCE	35
LUKSIC	PAULANER - GERMANY	BREWERY	300
	MIDLAND BANK - ENGLAND	MINING	56
	OUTOKUMPU/COMINCO FINLAND	MINING	60
CORFO-MOLYNET	AMAX - USA	MINING	392
ICAROSAN	SAS - SWEDEN	AIRLINE	200
	NOVOTEL - USA	HOTEL CONSTRUCTION	90
EDUARDO STERN AND OTHERS	SPIE-BATIGNOLLES - FRANCE	TOURISM	200
	LES ARC - FRANCE		
SOQUIMICH	PISSIS-NEBRASKA - USA	MINING	95
EMOS	BYWATER - ENGLAND	WATER TREATMENT	90
CODELCO	HOMESTAKE - USA	MINING	73
	MITSUBISHI - JAPAN	UTILITY	
ENAP	HUNT OIL - USA EUROCAN	OIL	26

ANNUAL AVERAGES - PHYSICAL PRODUCTION FOODSTUFFS AND BEVERAGES



(1990: 12 MONTH MOVING AVERAGES TO JUNI)

ANNUAL AVERAGE - PHYSICAL SALES FOODSTUFFS AND BEVERAGES



(1990: 12 MONTH MOVING AVERAGE TO JUNI)

MAIN INDICATORS OF THE FOOD INDUSTRY

1977 - 1986

(All figures in US\$ of 1989)

INDUSTRY GROUP	DOMESTIC SUPPLY			REAL CHANGE		VALUE ADDED		Z 00/05			
	1977	1986	1986	1977	1986	1977	1986	1977	1986	1977	1986
FOOD INDUSTRY 1986											
=====											
Intermediate Consumption	(3111)	(3112)	(3113)	(3114)	(3115)	(3116)	(3118)	(3119)	(3122)	(3133)	(3131)
Total:	609.2	244.6	118.5	507.1	137.7	682.7	191.4	151.9	76.6	145.8	128.3
* Imported	14.9	35.4	16.9	108.9	38.3	54.2	10.2	38.1	7.1	15.1	7.9
* Domestic	594.2	209.2	101.6	398.2	99.3	628.5	181.2	113.9	69.6	130.7	120.3
Added Value	136.0	87.5	30.5	204.0	46.3	197.1	30.5	79.2	9.7	42.5	42.7
Domestic Supply	753.3	310.8	172.6	750.4	174.1	847.4	216.3	296.2	87.1	184.9	173.6
Import. Supply	7.7	11.9	4.3	0.9	50.6	22.8	8.5	35.5	3.5	0.7	13.7
Total Supply	761.0	322.7	176.9	751.3	224.7	870.2	224.8	331.7	90.6	185.7	187.3

*All figures are in Million of Dollars of 1989.

SOURCE: Central Bank, Input/Output Matrix 1990

(3111) Slaughteries and Meat Processing
 (3112) Dairy Products
 (3113) Fruit & Vegetable Processing
 (3114) Fish & Seafood Processing
 (3115) Edible Oil & Hydrogenated Fats
 (3116) Flour Milling, Bakery and Pastes

(3118) Sugar Refineries
 (3119) Cacao, Chocolate and other Confectionery
 (3122) Animal feed
 (3133) Beverages
 (3131) Distillation, rectification and mixture of beverages

MAIN INDICATORS OF THE FOOD INDUSTRY
1979 - 1986

(All figures in US\$ of 1989)

INDUSTRY GROUP	DOMESTIC SUPPLY		REAL CHANGE	VALUE ADDED		% VA/DS	
	1979	1986		1979	1986	1979	1986
- CATTLE SLAUGHTERING	339.2	753.3	122.06%	98.4	136.0	29.0%	18.1%
- DAIRY INDUSTRY	339.2	310.8	-8.37%	137.7	87.5	40.6%	28.2%
- FRUIT AND VEGETABLE PROCESS	104.4	172.6	65.35%	39.3	30.5	37.7%	17.7%
- FISH & SEAFOOD PROCESS	104.4	750.4	618.94%	49.2	204.0	47.1%	27.2%
- EDIBLE VEGETABLE AND ANIMAL OILS AND FATS	391.4	174.1	-55.51%	167.2	46.3	42.7%	26.6%
- MILL PRODUCTS	391.4	847.4	116.50%	88.5	197.1	22.6%	23.3%
- BAKERY PRODUCTS	443.6	216.3	-51.24%	157.4	30.5	35.5%	14.1%
- SUGAR PRODUCTION AND REFINING	182.7	296.2	62.14%	88.5	79.2	48.5%	26.7%
- OTHER	339.3	440.5	29.85%	137.7	93.7	40.6%	21.3%
TOTAL	2,635.5	3,961.6		963.9	904.7		

Source: Central Bank, Input-Output Matrix, 1979-1986.

BEER	LENDELINERS	Beer Plant	28	1990-91
	DE CHILE	(Reinotec)		
BEER & SOFTDRINKS	CEU	Plant expansion and technological improv.	36	1990-91
TOMATO PASTE	IRNSA	Plant with 8 tons/y capacity Canning facilities	17	1991
Milk, Fruit Juices	SOPROLE	Plant with capacity of 600 klts/day	10	1991
Dried & Frozen Prod.	CRABZZI	Tomato, Champignon and asparagus plant	6	1990
OTHER			154	
TOTAL ESTIMATED 1990-1991			397	

Source: SIMGPA, September 1990.

MAIN INVESTMENT PROJECTS
IN FOOD INDUSTRY

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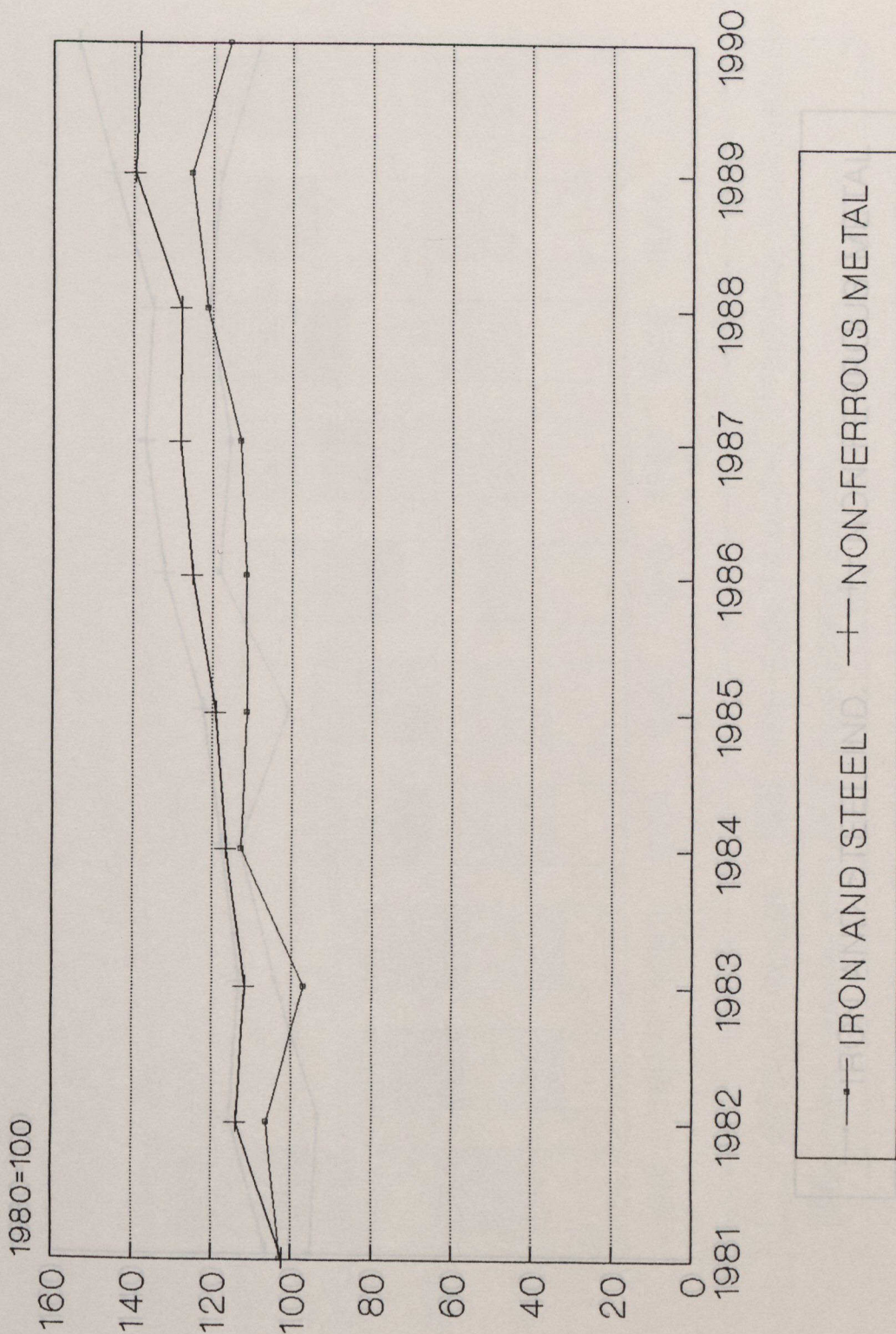
(1990-1993)

Product	Company	Project	US\$ Mill.	Startup
Fish Flour	CAMANCHACA	Export Oriented Plant	50	1991
Fish Flour "Prime"	COLOSO	Plant expansions and technological improv.	48.8	1991
Fish Flour "Prime"	SIFSA	Plant expansions and technological improv.	28	1991
Fish Flour "Prime"	PESQ.NACIONAL CHINA NAT.CORP	Plant + 2 Ships	20	1991
BEER	CERVECERIAS DE CHILE (Heineken)	Beer Plant	28	1990-91
BEER & SOFTDRINKS	CCU	Plant expansions and technological improv.	36	1990-91
TOMATO PASTE	IANSÁ	Plant with 8 ktms/y capacity Canning facilities	12	1991
Milk, Fruit Juices	SOPROLE	Plant with capacity of 600 klts/day	10	1991
Dried & Frozen Prod.	CAROZZI	Tomato, Champignon and asparragus plant	6	1990
OTHER			154	
TOTAL ESTIMATED 1990-1993			=====	
			\$393	

Source: SOFOFA, September 1990.

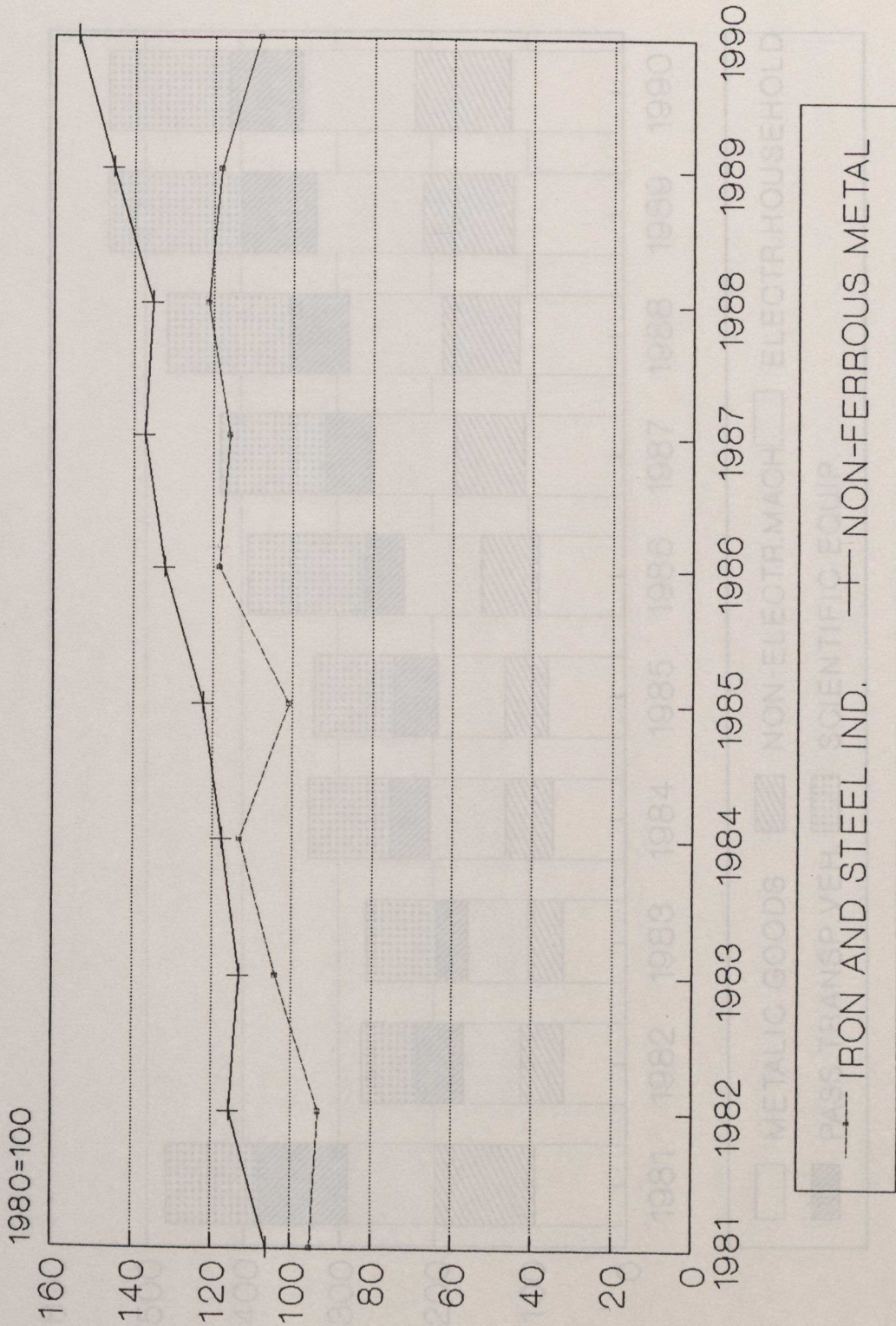
1990 1989 1988 1987 1986 1985 1984 1983 1982 1981
 ANNUAL AVERAGE - PHYSICAL PRODUCTION
 BASIC METAL INDUSTRY
 IRON AND STEEL
 NON-FERROUS METAL
 (1990: 12 MONTH MOVING AVERAGE TO JUNE)

ANNUAL AVERAGE - PHYSICAL PRODUCTION BASIC METAL INDUSTRY



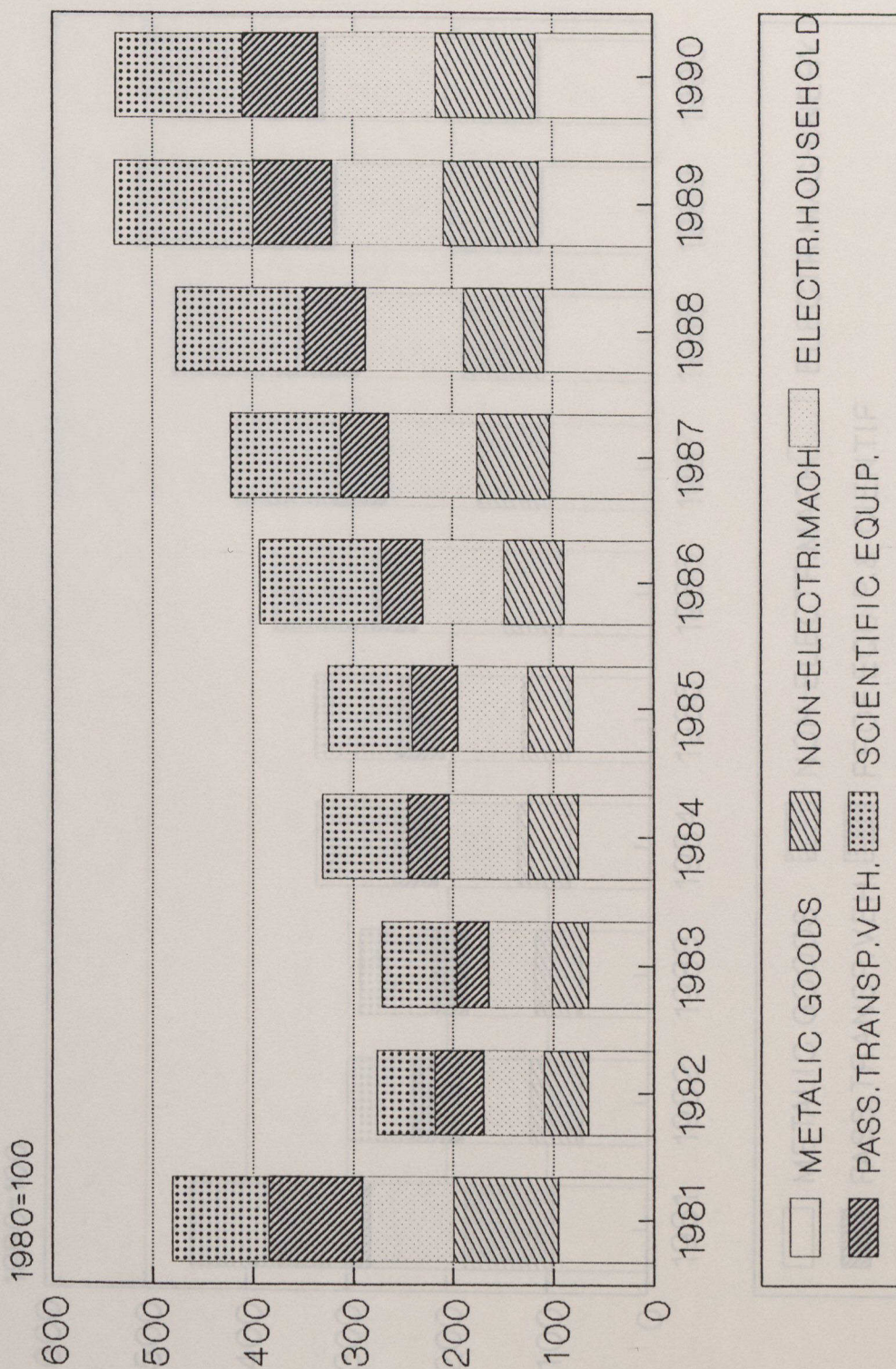
(1990: 12 MONTH MOVING AVERAGE TO JUNI)

ANNUAL AVERAGE - PHYSICAL SALES BASIC METAL INDUSTRY



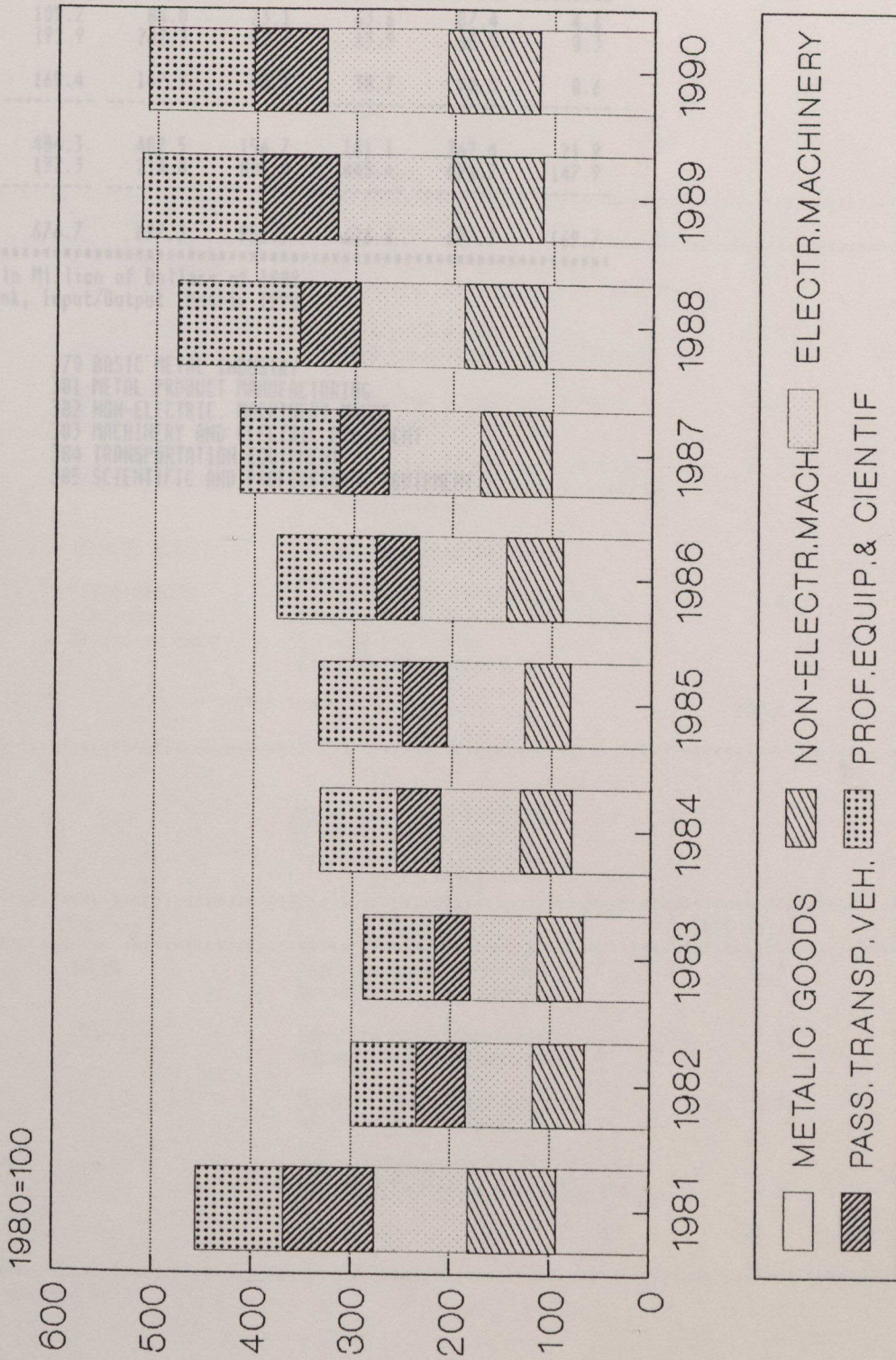
(1990: 12 MONTH MOVING AVERAGE TO JUNI)

ANNUAL AVERAGE - PHYSICAL PRODUCTION METALIC INDUSTRY



(1990: 12 MONTH MOVING AVERAGE TO JUNI)

ANNUAL AVERAGE - PHYSICAL SALES METAL INDUSTRY



(1990: 12 MONTH MOVING AVERAGE TO JUNI)

METAL INDUSTRY 1986

	(370)	(381)	(382)	(383)	(384)	(385)
Intermediate Consumption Total:	301.1	326.3	82.7	127.1	155.4	12.9
* Imported	109.2	84.0	23.1	63.6	87.4	4.6
* Domestic	191.9	242.3	59.7	63.5	68.0	8.3
Added Value	169.4	147.3	58.1	38.2	90.3	8.6
Domestic Supply	484.3	482.5	156.7	181.1	262.4	21.9
Import. Supply	192.3	214.8	801.0	445.4	424.7	147.9

Total Supply	676.7	697.3	956.5	626.4	687.1	169.7
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*All figures are in Million of Dollars of 1989.

SOURCE: Central Bank, Input/Output Matrix 1990

Product	Company	Project	US\$ Mill.	Startup
Electrolytic Copper	PLANTA CAROLINA DE	20 ktms/yr of copper (refined, concentrated and blister)	40.0	1991
Zinc & lead	370 BASIC METAL INDUSTRY	lead processing plant.	32.0	
Steel Bars	381 METAL PRODUCT MANUFACTURING	rod capacity.	29.2	1991
Aluminium	382 NON-ELECTRIC. MACHINERY MANUF.	the bars rolling production capacity of 160 ktms/year.	1.0	1990
Gold & Silver	383 MACHINERY AND ELECTRIC EQUIPMENT		0.6	1991
	384 TRANSPORTATION EQUIPMENT			
	385 SCIENTIFIC AND PROFESSIONAL EQUIPMENT			
TOTAL			158.4	

MAIN INVESTMENT PROJECTS
METAL PRODUCTS INDUSTRY
(1990-1993)

Product	Company	Project	US\$ Mill.	Startup
TIN Containers	INESA	Capacity enlargement and technological improvements	4.2	1991
TIN Containers	FESA	Capacity enlargement and technological improvements	4.0	1991-92
Refrigerators	CTI	Modern Plant with a capacity of 200,000 units/year	4.0	1991
Metal parts & equip.	n.a.	New manufacturing plant oriented to Mining & Fishing Ind.	1.3	1991
TOTAL			18.3	

Source: SBFIDA, September 1990.

INDUSTRY GROUP	DOMESTIC SUPPLY		REAL CHANGE	VALUE ADDED		% VAD/GP	
	1979	1986		1979	1986	1979	1986
METAL PRODUCTS	490.6	482.5	-1.7%	241.4	147.3	49.2%	30.5%
NON-ELECTRICAL MACHINERY	224.8	154.7	-30.3%	117.1	58.1	51.4%	37.1%
ELECTRICAL MACHINERY	246.5			121.4	38.2	45.5%	21.1%
TRANSPORT EQUIPMENT	400.6			198.7	70.3	45.1%	34.4%

MAIN INVESTMENT PROJECTS
IN BASIC METAL INDUSTRY
=====

(1990-1993)

Product	Company	Project	US\$ Mill.	Startup
Steel Products	CIA.SIDERURGICA HUACHIPATO S.A.	Installation and modernization of machinery. 330 ktons/year capacity	55.9	1992
Electrolytic Copper	PLANTA CAROLINA DE MINCHILLA-LINCE	20 ktons/y of copper (refined, concentrated and Blister)	40.0	1991
Zinc & Lead	SOC. MINERA EL TOQUI	Zinc and lead processing plant. 45 ktons/y prod.capacity.	32.0	
Steel Bars	CIA.SIDERURGICA HUACHIPATO (CAP)	Modernization of the bars rolling mill, to reach a production capacity of 360 ktons/year.	29.2	1991
Aluminium	INDALUM S.A.	Aluminium painting plant	1.0	1990
Gold & Silver	CERRO DRAGON *Chilean and Brazilian Owners	The plant will refine minerals from Bolivia, Mexico, Peru, USA Germany and Chile. 228 ktons/year capacity	0.6	1991
TOTAL			158.6	

MAIN INVESTMENT PROJECTS
METAL PRODUCTS INDUSTRY
=====

(1990-1993)

Product	Company	Project	US\$ Mill.	Startup
TIN Containers	INESA	Capacity enlargement and tecnological improvements	6.2	1991
TIN Containers	FESA	Capacity enlargement and tecnological improvements	4.0	1991-92
Refrigerators	CTI	Modern Plant with a capacity of 200,000 units/year	4.0	1991
Metal parts & equip.	n.a.	New manufacturing plant oriented to Mining & Fishing Ind.	1.5	1991
TOTAL			18.3	

Source: SOFOFA, September 1990.

MAIN INDICATORS OF THE METAL INDUSTRY
1979 - 1986

Table 25

(All figures in US\$ of 1989)

INDUSTRY GROUP	DOMESTIC SUPPLY		REAL CHANGE	VALUE ADDED		% VA/GP	
	1979	1986		1979	1986	1979	1986
- METAL PRODUCTS	490.6	482.5	-1.7%	241.4	147.3	49.2%	30.5%
- NON-ELECTRICAL MACHINERY	226.8	156.7	-30.9%	117.1	58.1	51.6%	37.1%
- ELECTRICAL MACHINERY	266.5	181.1	-32.1%	121.4	38.2	45.5%	21.1%
- TRANSPORT EQUIPMENT AND MATERIAL	400.6	262.4	-34.5%	180.7	90.3	45.1%	34.4%
- PROFESSIONAL AND SCIENTIFIC EQUIPMENT	10.2	21.9	115.3%	6.0	8.6	58.9%	39.2%
TOTAL	1,394.7	1,104.6		666.5	342.4		

Source: Central Bank, Input-Output Matrix, 1979-1986.

METAL INDUSTRY MAIN IMPORTS
=====

*****						*****					
PRODUCT	1988	1989	Growth	1985	1984	1987	1988	1989	DECAD		
*****						*****					
* Basic Metal Industry	111.9	270.8	142%								
Special Steels	24.5	32.8	34%								
Steel Tubes	21.9	40.9	87%								
Steel Bars	21.8	30.4	39%	14.5	16.4	27.7	43.9	45.4	194		
Steel Wire	17.4	22.4	29%	4.4	4.8	14.6	7.0	14.3	144		
Aluminium	8.8	9.4	7%	2.0	4.7	7.5	14.9	14.4	7		
Aluminium Sheets	8.8	10.7	22%	7.9	4.3	4.6	6.4	12.2	51		
Steel accessories	8.7	12.8	47%	39.4	9.1	10.2	14.0	37.5	164		
Other	43.4	111.4	157%	4.7	4.4	14.3	21.8	21.7	123		
* Metal Products Industry	605.3	845.6	40%	4.9	4.2	7.3	13.8	16.7	109		
Auto parts	62.8	101.1	61%	1.9	3.0	8.5	8.0	19.3	105		
Ball Bearings and Transmission Systems	57.4	66.5	16%	2.7	1.4	3.2	3.4	12.3	52		
Motors Spare parts	28.0	32.5	16%	76.8	58.4	100.5	132.4	192.2	261		
Electric Control Equip.	12.0	18.0	50%								
Steel Nuts & Bolts	10.9	14.2	30%								
Aluminium Containers	10.9	14.4	32%								
Liquid & Gas Bombs spare parts	9.1	11.1	22%	2.1	5.1	10.1	11.2	17.4	109		
Freezing and Thermic Equip. Spare Parts	6.0	6.5	8%	30.2	50.7	49.3	43.2	117.2	212		
Aluminium Cable	2.2	10.5	377%	4.4	8.8	12.5	18.3	12.5	109		
Other	406.0	570.8	41%	12.4	13.1	26.4	21.2	38.9	152		
TOTAL METAL INDUSTRY	717.2	1,116.4	56%	56.7	57.7	49.1	70.4	90.3	579		
*****						*****					
Source: Central Bank				3.8	5.4	5.9	4.9	8.4	52		
				17.1	15.8	22.1	39.1	37.3	191		
				41.1	45.8	29.1	16.5	31.4	144		
				7.5	34.5	21.8	25.4	21.4	140		
				24.3	31.4	9.5	8.8	14.5	132		
	191.8	132.8	92.3	53.7	88.4	74.9	119.8	202.5	149.8		
									194.2		
									1,249		
TOTAL MACHINERY AND EQUIPMENTS	328.1	390.4	252.9	140.7	245.1	243.3	327.1	445.8	458.5	428.4	
MACHINERY AND EQUIPMENTS OTHER SECTORS											
HYDRAULIC PUMPS	0.3	0.4	0.0	0.4	2.1	2.3	2.2	3.9	5.5	15.2	
HYDRAULIC PUMPS	11.0	15.9	14.7	7.9	14.3	14.8	15.0	23.4	25.7	32.2	
TELECOMMUNICATIONS EQUIPMENTS	33.5	22.4	30.8	14.0	12.0	19.1	22.5	31.8	41.1	120.2	
LOADING AND UNLOADING EQUIPMENT	34.0	45.4	33.3	15.4	24.4	30.5	30.3	44.0	71.8	134.8	
EARTH MOVING MACHINERY	46.8	42.3	11.0	14.1	23.0	21.1	28.1	30.5	75.8	104.7	
MACHINES FOR AGRICULTURAL USE	15.9	13.5	3.1	1.7	6.2	9.5	14.4	11.2	14.2	13.5	
MINERAL GRINDING MACHINERY	18.9	55.9	13.8	13.9	14.4	18.1	17.3	7.7	32.8	25.2	
TOTAL MACHINERY AND EQUIPMENT OTHER SECTORS	140.4	276.2	95.9	73.4	100.4	110.4	132.8	192.9	206.7	447.5	
TRANSPORTATION EQUIPMENT AND OTHERS	406.8	422.5	154.4	75.3	76.7	130.7	151.9	245.2	437.8	447.1	
TOTAL	1,217.9	1,418.1	583.7	332.0	516.3	561.2	490.1	981.5	1,315.4	1,915.2	

Source: SOFISA

Table 27

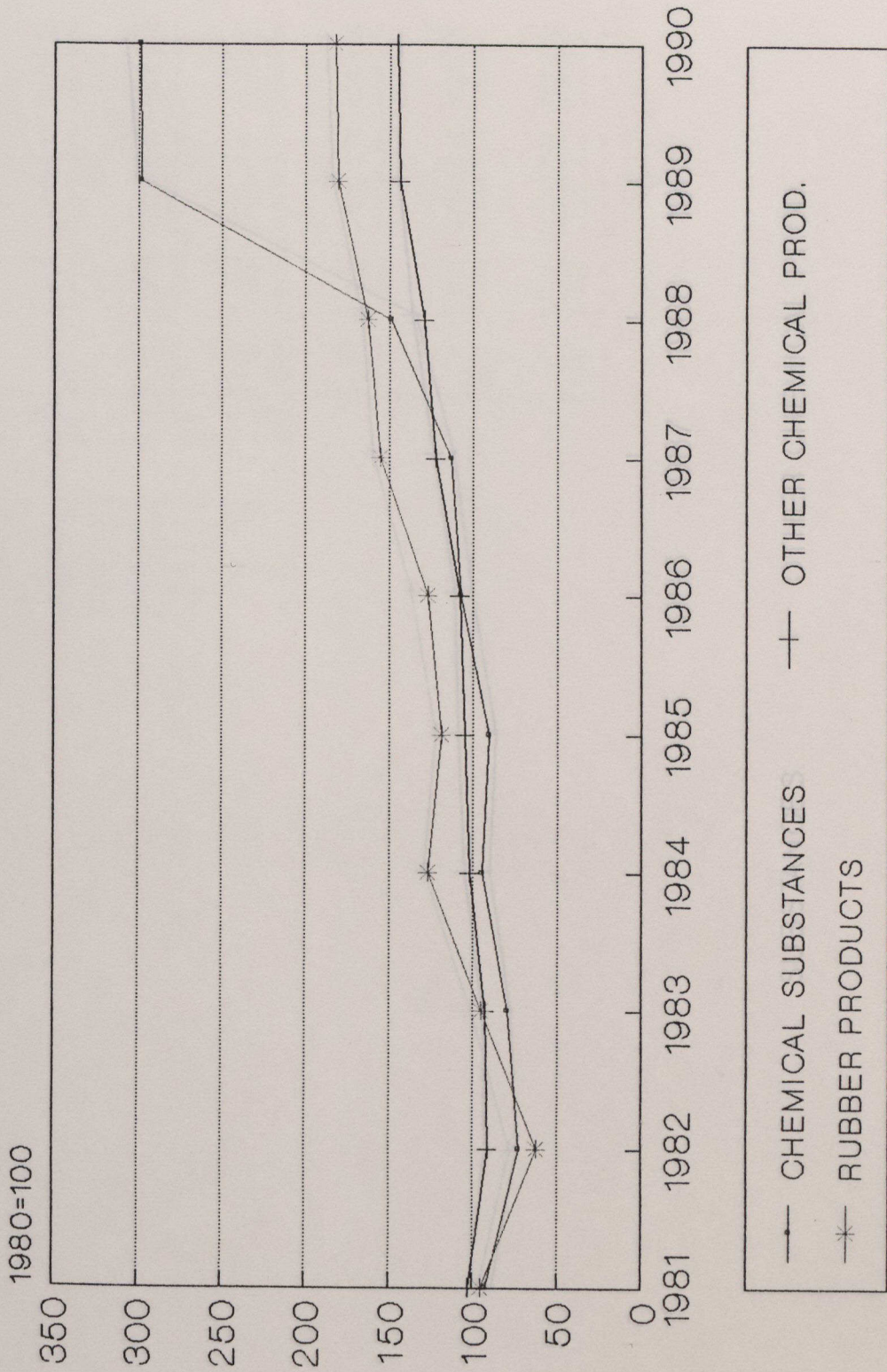
MAIN CAPITAL GOODS IMPORTED

(millions of US\$)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	DECADE 80/89
MACHINERY AND EQUIPMENT FOR INDUSTRIAL USAGE											
TEXTILE INDUSTRY	14.4	11.4	5.6	4.0	14.3	10.5	16.6	27.7	43.9	45.6	194.0
PLASTIC AND RUBBER INDUSTRY	10.5	9.0	4.5	1.9	6.5	6.4	6.0	14.6	7.0	16.3	82.7
LUMBER AND FURNITURE INDUSTRY	15.1	14.9	4.4	0.5	3.7	2.0	4.2	7.5	14.9	14.6	81.8
GARMENT, LEATHER AND SHOES IND.	6.4	5.8	2.3	1.7	4.8	2.9	4.3	6.6	6.6	12.2	53.6
CELULOSE AND PAPER INDUSTRY	20.1	6.3	21.4	2.2	4.0	39.4	9.1	10.2	14.0	37.5	164.2
METAL INDUSTRY	21.8	18.4	7.8	2.8	4.9	4.2	6.6	14.3	21.0	21.7	123.5
FOODSTUFFS INDUSTRIAL MACHINERY	20.3	16.6	10.3	3.2	4.6	6.9	6.2	7.3	13.8	16.7	105.9
PRINTING AND PUBLISHING	11.8	29.2	18.8	4.4	4.2	1.8	3.8	8.6	8.0	15.3	105.9
INDUSTRIAL FURNACES AND BURNERS	3.3	17.2	5.6	1.9	1.0	2.7	1.6	3.7	3.4	12.3	52.7
TOTAL MACHINERY AND EQUIPMENT FOR INDUSTRY	123.7	128.8	80.7	22.6	48.0	76.8	58.4	100.5	132.6	192.2	964.3
OTHER MACHINERY AND EQUIPMENTS											
BOTTLING MACHINERY	16.7	17.7	12.5	3.4	7.9	7.1	5.1	10.1	11.2	17.6	109.3
GENERATORS, ENGINES, ELECTR. TRANSF.	37.3	64.0	29.4	26.9	59.3	30.6	50.7	49.3	53.2	117.2	517.9
REFRIGERATION EQUIPMENT	14.6	13.9	10.1	5.2	8.7	6.6	6.8	12.5	18.3	12.5	109.2
INTERNAL COMBUSTION ENGINES	11.8	12.5	6.5	4.7	7.8	8.9	11.1	16.9	21.7	26.5	128.4
HEAT INTERCHANGER MACHINE	8.8	9.6	14.2	5.2	8.3	12.6	13.1	20.4	21.7	38.9	152.8
COMPUTERS	40.4	64.9	36.9	29.4	39.4	56.7	57.7	65.3	90.4	98.3	579.4
MEASURING INSTRUMENTS	5.2	6.1	4.5	2.8	3.9	3.8	5.0	5.9	6.9	8.6	52.7
ELECTRIC-ELECTRONIC MEASURING INST.	13.1	14.8	16.3	10.1	13.0	17.1	19.0	22.1	29.1	37.3	191.9
CENTRIFUGE, CENTRIFUGES DRYERS	7.2	7.8	10.3	5.8	10.2	11.1	15.0	29.1	16.5	31.4	144.4
PUMPS AND AIR OR GAS COMPRESSORS	16.6	14.9	11.0	7.6	10.0	7.5	14.5	21.8	25.4	31.4	160.7
OFFICE EQUIPMENTS	24.6	31.6	8.5	5.9	8.0	6.4	9.3	9.1	14.3	14.5	132.2
OTHER	131.8	132.8	92.3	53.7	88.6	74.9	119.8	202.5	149.8	194.2	1,240.4
TOTAL MACHINERY AND EQUIPMENTS	328.1	390.6	252.5	160.7	265.1	243.3	327.1	465.0	458.5	628.4	3,519.3
MACHINERY AND EQUIPMENTS OTHER SECTORS											
HYDRAULIC TURBINES	0.3	0.4	0.0	0.4	2.1	2.3	2.2	3.9	5.5	15.2	32.3
HYDRAULIC PUMPS	11.0	15.9	14.7	9.9	14.3	14.8	15.0	23.6	25.5	32.2	176.9
TELECOMMUNICATIONS EQUIPMENTS	33.5	77.6	20.8	16.0	17.0	19.1	27.5	31.8	61.1	120.2	424.6
LOADING AND UNLOADING EQUIPMENT	34.0	45.6	33.3	15.4	24.6	30.5	30.3	44.0	71.8	134.0	463.5
EARTH MOVING MACHINERY	46.8	67.3	11.0	14.1	22.0	23.1	26.1	30.6	75.8	106.7	423.5
MACHINES FOR AGRICULTURAL USE	15.9	13.5	3.1	1.7	6.2	9.5	14.4	11.2	14.2	13.5	103.2
MINERAL GRINDING MACHINERY	18.9	55.9	13.0	15.9	14.4	11.1	17.3	7.7	32.8	25.7	212.7
TOTAL MACHINERY AND EQUIPMENT OTHER SECTORS	160.4	276.2	95.9	73.4	100.6	110.4	132.8	152.8	286.7	447.5	1,836.7
TRANSPORTATION EQUIPMENT AND OTHERS	606.8	622.5	154.6	75.3	96.7	130.7	151.8	263.2	437.8	647.1	3,186.5
TOTAL	1,219.0	1,418.1	583.7	332.0	510.4	561.2	670.1	981.5	1,315.6	1,915.2	9,506.8

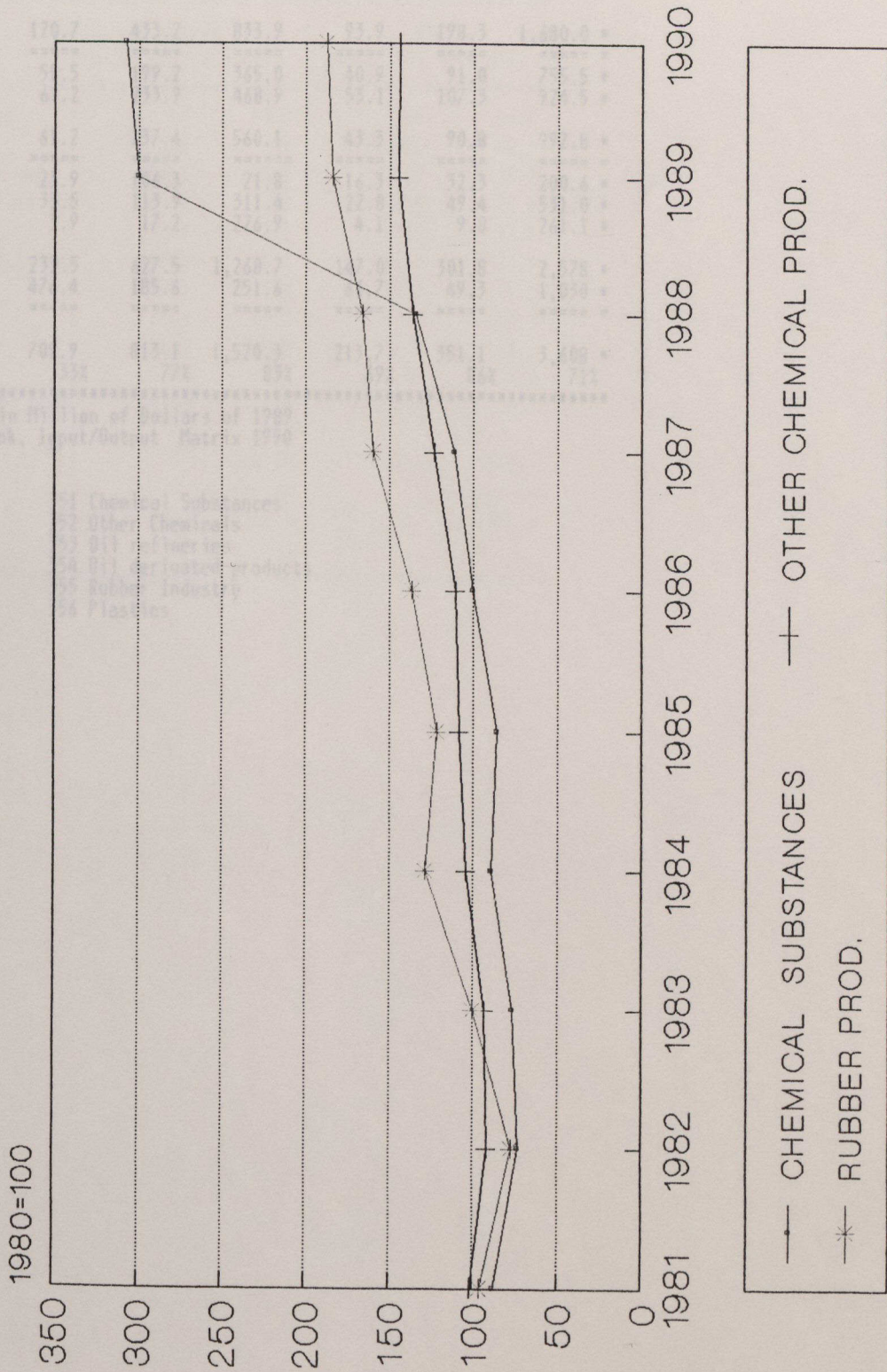
Source: SOFOFA

ANNUAL AVERAGE - PHYSICAL PRODUCTION CHEMICAL INDUSTRY



(1990: 12 MONTH MOVING AVERAGE TO JUNI)

ANNUAL AVERAGE - PHYSICAL SALES CHEMICAL INDUSTRY



(1990: 12 MONTH MOVING AVERAGE TO JUNI)

CHEMICAL INDUSTRY 1986
=====

	351	352	353/54	355	356	TOTAL CHEM. IND %
Intermediate Consumption Total:	120.7	433.2	833.9	93.9	198.3	1,680.0 *
* Imported	59.5	199.2	365.0	40.9	91.0	755.5 *
* Domestic	61.2	233.9	468.9	53.1	107.3	924.5 *
Added Value	61.2	237.4	560.1	43.3	90.8	992.8 *
* Wages	23.9	106.3	21.8	16.3	32.3	200.6 *
* Oper. Margin	33.5	113.9	311.4	22.8	49.4	531.0 *
* Other	3.9	17.2	226.9	4.1	9.0	261.1 *
Domestic Supply	233.5	627.5	1,268.7	147.0	301.8	2,578 *
Imported Supply	476.4	185.6	251.6	66.7	49.3	1,030 *
Total Supply	709.9	813.1	1,520.3	213.7	351.1	3,608 *
% Domestic	33%	77%	83%	69%	86%	71%

* All figures are in Million of Dollars of 1989.
SOURCE: Central Bank, Input/Output Matrix 1990

- 351 Chemical Substances
- 352 Other Chemicals
- 353 Oil refineries
- 354 Oil derivated products
- 355 Rubber Industry
- 356 Plastics

MAIN INTERMEDIATE GOODS IMPORTED
BY THE CHEMICAL INDUSTRY

Product	1988		1989	
	Quant.(MT)	US\$ Mill.	Quant.(MT)	US\$ Mill.
Agric. Pesticides	NA	53.4	NA	50.8
Urea	197444	27.3	296682	40.5
Polyethylene H/L dens	31651	40.9	36623	38.3
Superphosphate Fert.	205344	33	125778	20.4
Sodium Cyanurum	8159	11.1	8922	17.9
Synthetic Rubber, Latex	10863	15.3	11960	16.3
Sulphuric acid	72303	6.5	178333	15.2
Polysthyrene	7474	11.3	9979	13.6
Caustic Soda	21641	8.9	30618	12.7
Vitamins	NA	4.9	NA	6.8
Potassium Sulphate Fert	29350	5.9	22314	4.7
Other		748.4		943.4
		=====		=====
TOTAL		966.9		1180.6

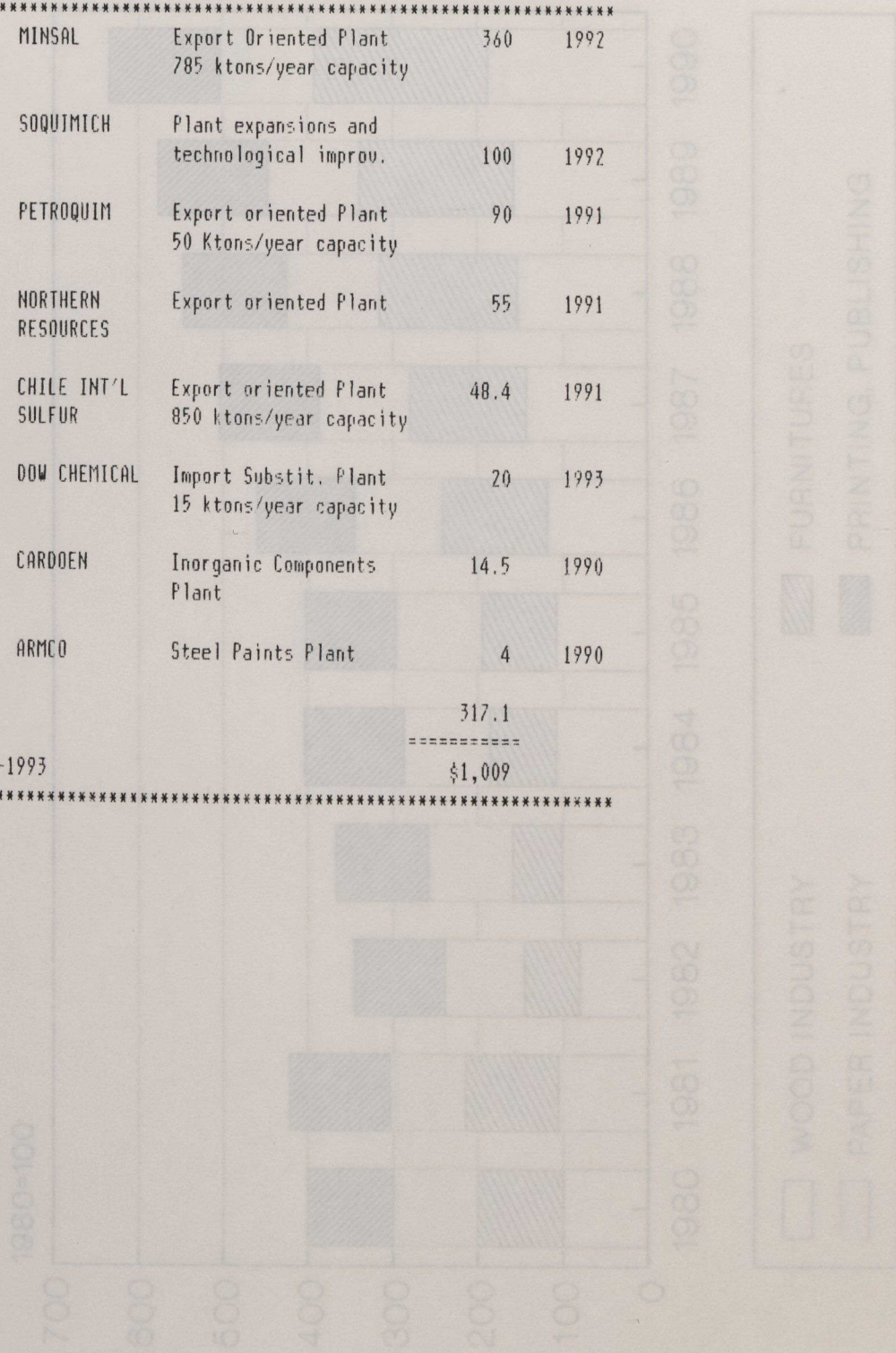
Industrial Paints
Other Projects
TOTAL ESTIMATED 1990-1995

MAIN INVESTMENT PROJECTS
IN CHEMICAL INDUSTRY

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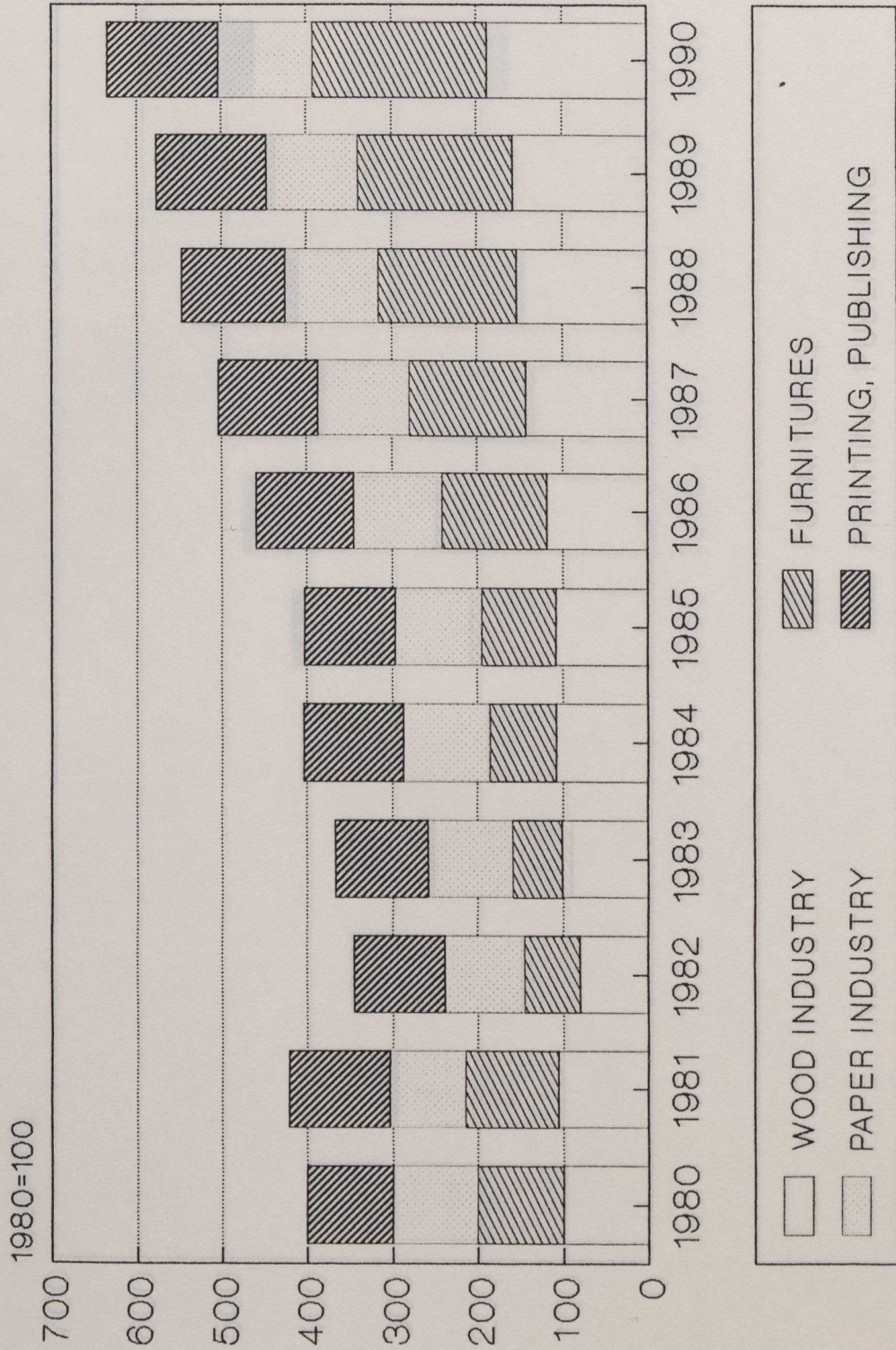
(1990-1993)

Product	Company	Project	US\$ Mill.	Startup
Potassium Sulphates Boric Acid	MINSAL	Export Oriented Plant 785 ktons/year capacity	360	1992
Nitrates	SOQUIMICH	Plant expansions and technological improv.	100	1992
Polypropilene	PETROQUIM	Export oriented Plant 50 Ktons/year capacity	90	1991
Nitrate/Iodine	NORTHERN RESOURCES	Export oriented Plant	55	1991
Sulphure	CHILE INT'L SULFUR	Export oriented Plant 850 ktons/year capacity	48.4	1991
Polystyrene	DOW CHEMICAL	Import Substit. Plant 15 ktons/year capacity	20	1993
Sodium Chloride	CARDOEN	Inorganic Components Plant	14.5	1990
Industrial Paints	ARMCO	Steel Paints Plant	4	1990
Other Projects			317.1	
TOTAL ESTIMATED 1990-1993			=====	
			\$1,009	



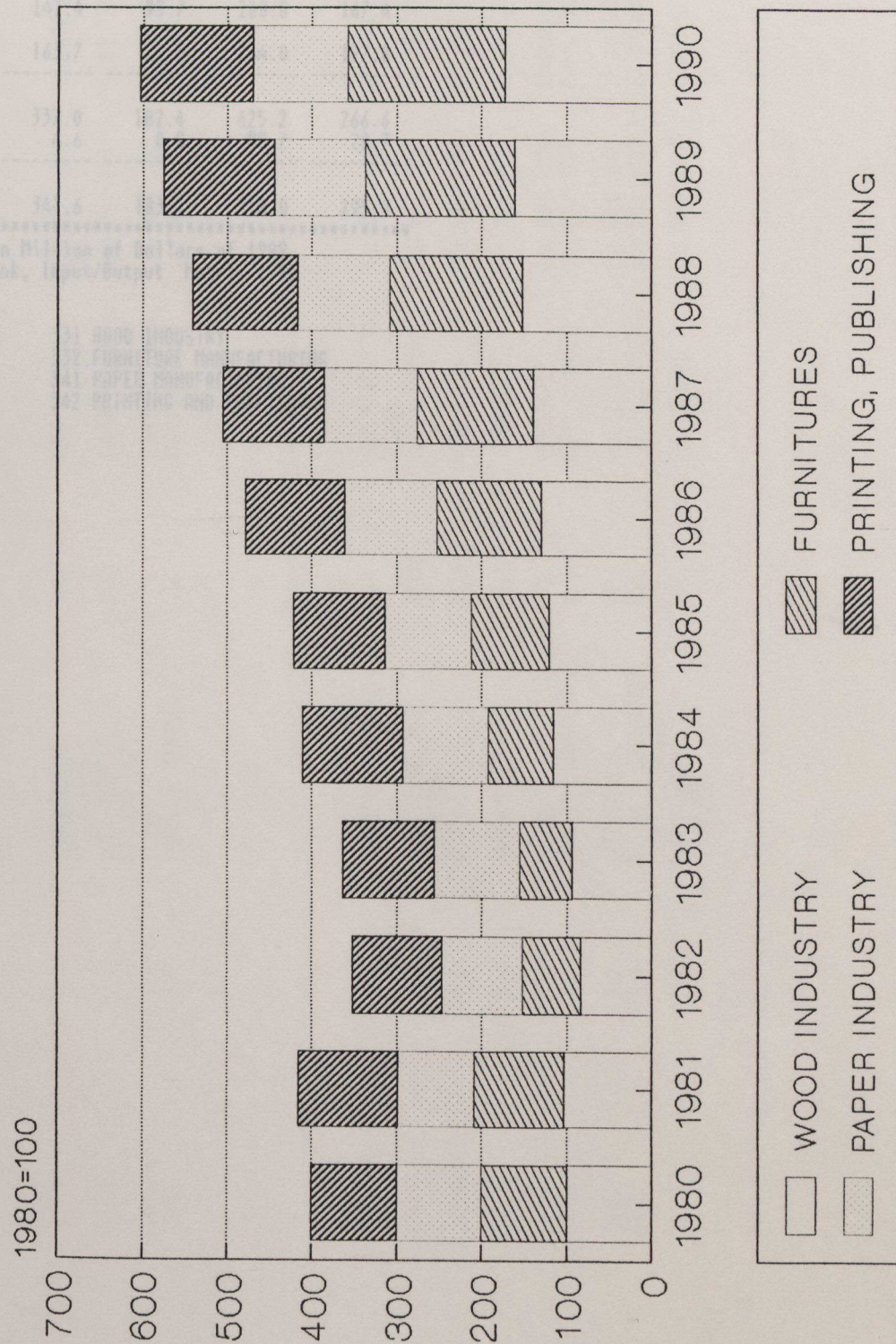
(1990-12 MOVING AVERAGE TO JULY)

ANNUAL AVERAGE - PHYSICAL PRODUCTION FORESTRY INDUSTRY



(1990: 12 MOVING AVERAGE TO JULY) (JUNI)

ANNUAL AVERAGE - PHYSICAL SALES FORESTRY INDUSTRY



(1990: 12 MONTH MOVING AVERAGE TO JUNI)

	(331)	(332)	(341)	(342)
Intermediate Consumption Total:	165.4	114.6	366.5	221.7
* Imported	22.0	20.8	97.7	54.3
* Domestic	143.4	93.7	268.8	167.4
Added Value	163.7	71.6	264.0	127.8
Domestic Supply	337.0	182.4	625.2	266.6
Import. Supply	4.6	0.8	88.7	28.7
Total Supply	341.6	183.1	714.0	295.3

*All figures are in Million of Dollars of 1989.
SOURCE: Central Bank, Input/Output Matrix 1990

- 331 WOOD INDUSTRY
- 332 FURNITURE MANUFACTURING
- 341 PAPER MANUFACTURING
- 342 PRINTING AND PUBLISHING

CHILEAN AND FOREIGN FORESTRY INVESTMENT
** 1987 1992 **

INVESTORS	NATIONALITY OF INVESTORS	INVESTMENTS U.S. MILLION DOLLARS	COMPANY	REGIONAL LOCATION	PRODUCT OR SERVICE	STARTUP	ANNUAL CAPACITY DUE TO NEW INVESTMENTS
1987 INVESTMENT							
OWENS MARTIG	U.S.A.	4.0	INVERSTONES FORESTALES C.C.A.	VIII	WOOD CHIPS	2dn HALF 1987	500,000 TONS
ALBY QUIMICA CHILENA LTD.	CHILE	2.5	ALBY QUIMICA CHILENA LTD.	VIII	SODIUM CHLORATE	2dn HALF 1987	3,800 TONS
CHILEAN MATCH CO.	SWEEDEN	1.0	TEMSA	X	FINISHED WOODS	2dn HALF 1987	14,000 m ³
FORESTAL MININCO	CHILE	1.0	FORESTAL MININCO	IX	WOOD DRYING	1st HALF 1987	50,000 m ³
TOTAL INVESTMENT 1987		8.5					
1988 INVESTMENT							
M.P. CHOLGUAN/ C.H. HARVEY CMPC	CHILE/NEW ZEALAND	36.0	FIBROPAÑELES CHILE	VIII	MEDIUM DENSITY BOARDS	1st HALF 1988	103,000 m ³
MITSUBISHI PAPER MILLS MADERERA LEONERA	CHILE	10.0	CMPC TISSUE DIV. EXPANSION	METRO	TISSUE PAPER	2dn HALF 1988	10,000 TONS
MASISA COMPANIA PAULISTA PAPELES INDUSTRIALES SINTEX MASISA	JAPAN/CHILE	10.0	ASTEX LTD.	VIII	WOOD CHIPS	2dn HALF 1988	400,000 TONS
ASERRADEROS COPIHUE	CHILE	5.0	MADERAS LEONERA	VIII	SAWNWOOD	1st HALF 1988	60,000 TONS
	CHILE	5.0	MASISA	X	WOODBOARDS	2dn HALF 1988	10,000 m ³
	BRAZIL	4.5	PAPELES INDUSTRIALES	METRO	PAPER PRODUCTS	1st HALF 1988	7,000 TONS
	CHILE	3.0	OYIQUIM S.A.	VIII	ADHESIVES	1st HALF 1988	10,000 TONS
	CHILE	2.0	MASISA's CHIGUAYANTE PLANT EXPANSION	VIII	PARTICLE BOARDS	2dn HALF 1988	18,000 m ³
	CHILE	2.0	ASERRADEROS COPIHUE	VII	WOOD DRYING	1st HALF 1988	45,000 m ³
TOTAL INVESTMENTS 1988		77.5					

CHILEAN AND FOREIGN FORESTRY INVESTMENT

** 1987 1992 **

INVESTORS	NATIONALITY OF INVESTORS	INVESTMENTS U.S. MILLION DOLLARS	COMPANY	REGIONAL LOCATION	PRODUCT OR SERVICE	STARTUP	ANNUAL CAPACITY DUE TO NEW INVESTMENTS
1989 INVESTMENT							
COPEC	CHILE/NEW ZEALAND	60.0	EXPANSION OF CELULOSA ARAUCO	VIII	CELLULOSE	1st HALF 1989	32,000 TONS
TASMAN FORESTAL CMPC	NEW ZEALAND/CHILE	40.5	PAPELES B10-B10	VIII	NEWSPRINT CELLULOSE	1st HALF 1989	30,000 TONS
JCE COMPANY	SWEDEN	10.0	EXPANSION OF CELULOSA LAJA	IX	SAWWOOD	1st HALF 1989	25,000 m ³
MITSUBISHI PAPER MILLS	JAPAN	4.0	JCE COMPANY	VIII	MECHANIZED PORT	1st HALF 1989	40,000 TONS
CAP	CHILE	3.0	MITSUBISHI	X	WOOD CHIPS	2nd HALF 1989	N.A.
CMPC	CHILE	2.5	SOC., FORESTAL MILLALEMU	VIII	FINISHED WOODS	1st HALF 1989	25,000 m ³
MASISA	CHILE	2.0	FORESTAL MININCO	X	SAWWOOD	1st HALF 1989	40,000 TONS
INCOSUR LTD.	CHILE	2.0	MASISA	IX	SAWWOOD	1st HALF 1989	60,000 m ³
TOTAL INVESTMENT 1989		164.0	INCOSUR LTD.				
1990 INVESTMENT							
COPEC	CHILE/NEW ZEALAND	43.0	EXPANSION OF CELULOSA CONSTITUCTION	VII	CELLULOSE	1st HALF 1990	50,000 TONS
ANDINOS S.A.	CHILE	5.0	ANDINOS PLANT	VIII	FINISHED WOODS	1st HALF 1990	N.A.
TOTAL INVESTMENT 1990		48.0					

TOTAL 1989 164.0 1990 48.0

EXPECTED INVESTMENTS IN THE FORESTRY INDUSTRY
1990 - 1992

TYPE OF INVESTMENT	COMPANY	MILLION DOLLARS	STARTUP
* WOOD INDUSTRY:			
- CHIPS PLANT	FORESTAL TIERRA DEL FUEGO	289.7	1991
- MDF BOARDS PLANT	C.A.P.	44.7	1991
- SAWMILL	BANESTO-INDUS	14.0	1991
- ACQUISITION & MODERNIZATION OF EXISTING SAWWOOD PLANT	PHILIPPE DE LA ROCHE + WORMS AND CANTRADE BANKS	14.0	1992
- CHIPS PLANT & SAWMILL	INFONAC	11.0	1991
- CHIPS PLANT & SAWMILL	SOC.FORESTAL SAN JOSE (US & JAPAN)	6.5	1991
- FURNITURE PLANT	KODAK INT'L + LOCAL INVESTOR	6.0	1990
- FURNITURE PLANT	C.A.P.	5.1	1990
- OTHER	---	17.9	1991
	TOTAL US\$	408.9 M.	
* CELLULOSE & PAPER INDUSTRY:			
- FOREST, CHIPS PLANTS, SAWMILL & PAPER PLANT	DAIDO (JAPAN)	600.0	1991
- CELLULOSE PLANT	CWLULOSA ARAUCO + STORA KOPPARBERGS	800.0	1992
- CELLULOSE PLANT	CELULOSA ARAUCO	600.0	1991
- CELLULOSE PLANT	CMPC-SIMPSON PAPER	587.0	1991
- CELLULOSE PLANT	FORESTAL SANTA FE.	420.0	1990
- CELLULOSE PLANT	ATTIHSOLZ DE LUTERBACH, SWITZERLAND	90.5	1992
- PAPER PLANT	CMPC	35.0	1991
- PAPER PLANT	BIO-BIO	27.0	1990
- CARDBOARD PLANT	UNION CAMP CORP.	25.0	1991
- OTHER	CMPC	49.3	1991-92
	TOTAL US\$	3,233.8 M.	

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