

AGENCIA DE COOPERACION INTERNACIONAL DEL JAPON (JICA)

**SERVICIO NACIONAL DE AGUAS SUBTERRANEAS, RIEGO Y AVENAMIENTO
(SENARA)**

REPUBLICA DE COSTA RICA

**ESTUDIO DEL
PROYECTO DE DESARROLLO RURAL
DE LA CUENCA MEDIA DEL RIO TEMPISQUE**

INFORME FINAL

**VOLUMEN 2
APÉNDICE**

SEPTEMBER DE 2002

**PACIFIC CONSULTANTS INTERNATIONAL
NAIGAI ENGINEERING CO., LTD.**

AFA

JR

02-63

El tipo de cambio aplicado en este estudio es:

US\$ 1,00 = 347.3 colones costarricenses

(Febrero de 2002)

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APÉNDICE A
SOCIO ECONOMÍA

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A1. Socio-economía Nacional; National Socio-Economy

- 1 Población; Population
- 2 PIB; GDP
- 3 Balanza de Pago; Balance of Payment
- 4 Comercio Exterior; External Trade
- 5 Presupuesto; Budget
- 6 Agricultura; Agriculture
- 7 Crédito Agrícola; Agriculture Credit

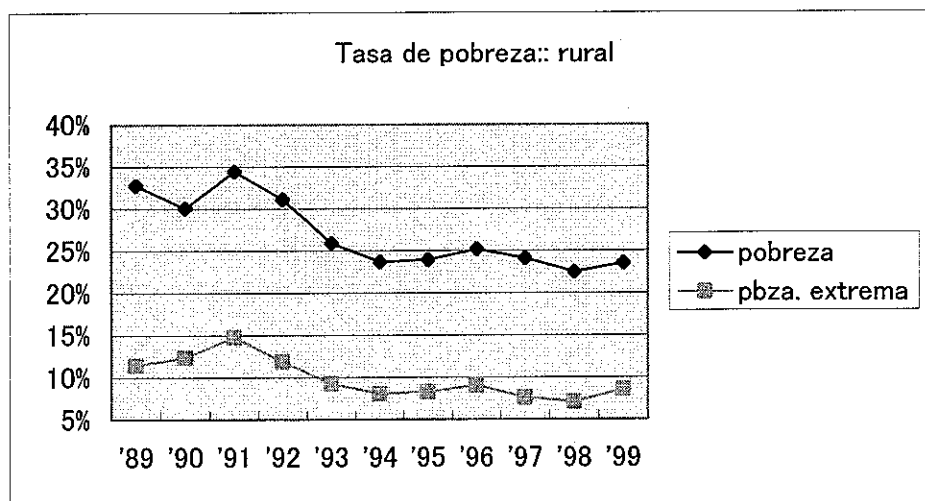
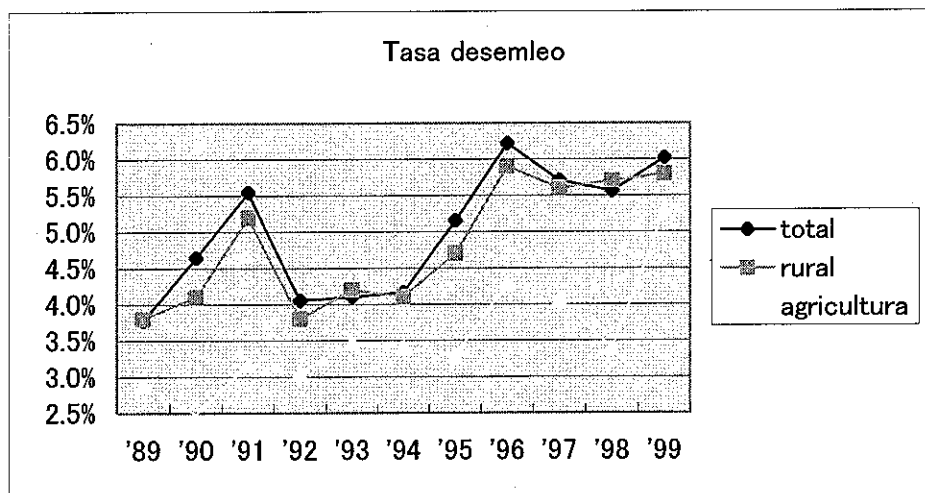
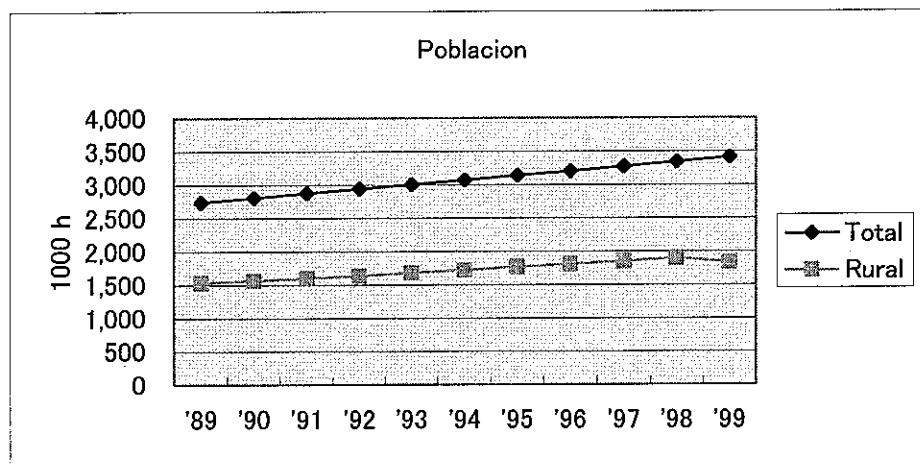
A2. Socio-economía Regional; Regional Socio-Economy

- 1 Región Chorotega y Provincia de Guanacaste
- 2 Población; Population
- 3 Pobreza; Poverty
- 4 Producción Agricultura; Agriculture Production
- 5 Principales Cosechas (excepto Café y Cítricos);
Principal Harvests (except Café y Citrus)

A3. Fuentes; Sources

- 1 Instituto Nacional de Estadística y Censos
- 2 Banco Central de Costa Rica
- 3 Boletín Estadístico #11, SEPSA-MAG, 2000
- 4 Estado de la Nación, reporte 5, 1999

[illegible]Source: Estado de la Nación 1999



A1.2 Producto Interno Bruto: PIB*; GDP

	unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	tasa promedio
		10 ⁹ C	10 ⁹ C	10 ³ C	10 ³ C	10 ³ C	10 ³ C	10 ³ C	10 ³ C	10 ³ C	
PIB; GDP	nominal	868.0	1,142.1	1,354.4	1,641.4	2,081.4	2,431.3	2,956.6	3,571.5	4,343.9	22.3%
per capita	nominal	276.1	353.1	407.4	480.7	594.0	676.7	803.2	947.6	1,126.5	19.2%
	nominal	2,261.0	2,629.9	2,860.1	3,061.7	3,306.9	3,257.7	3,453.0	3,684.6	3,943.2	7.2%
* Base=1991											
PIB	Segun rama de actividad economica	868.0	946.0	1,005.3	1,054.7	1,097.3	1,101.0	1,164.9	1,258.0	1,358.3	5.8%
Total	real	10 ⁹ C	10 ⁹ C	10 ⁹ C	10 ⁹ C	10 ⁹ C	10 ⁹ C	10 ⁹ C	10 ⁹ C	10 ⁹ C	5.8%
- impuestos		-70.5	-80.2	-84.0	-90.7	-94.0	-92.1	-99.2	-106.8	-106.3	5.3%
Valor agregado bruto; Gross added value		797.5	865.9	921.3	964.0	1,003.3	1,009.0	1,065.8	1,151.2	1,252.0	5.8%
Agri-, silvi-culturas, y pesca		108.4	112.0	116.5	120.7	130.0	133.5	135.8	143.9	149.6	4.1%
Minas y canteras; Mines & Quarries		1.0	1.2	1.1	1.2	1.0	1.1	1.2	1.3	1.4	3.9%
Industria manufacturera		184.2	205.9	219.3	225.9	235.1	235.4	252.7	280.4	351.3	8.4%
Construccion		32.7	37.3	41.8	44.8	48.2	39.5	42.3	48.7	52.1	6.0%
Electricidad y agua		24.5	26.1	27.8	29.9	30.8	31.6	33.3	36.3	38.5	5.8%
Comercio, restaurantes y hoteles		155.1	175.6	190.7	203.3	209.0	212.0	225.5	248.0	252.0	6.3%
Transporte, almacenaje y comunicaciones		65.5	72.9	82.3	88.2	94.4	98.9	108.7	117.2	125.0	8.4%
Servicios financieros y seguros		32.7	33.7	35.2	37.8	38.5	39.4	43.0	46.1	48.9	5.1%
Actividades inmobiliarias		54.7	56.4	57.9	59.9	61.5	62.7	63.8	65.0	66.0	2.4%
Otros servicios prestados a empresas		17.7	19.1	20.6	22.1	22.4	22.9	24.1	25.5	26.8	5.3%
Servicios de administracion publica		32.2	32.8	33.2	34.3	34.5	32.9	33.4	33.4	33.6	0.6%
Servicios comunales, sociales y personales		103.9	108.7	113.6	117.0	119.9	122.3	126.6	132.0	135.1	3.3%
-SIFMI**		-15.0	-15.9	-18.6	-20.9	-21.9	-23.1	-24.6	-26.7	-28.3	8.3%
**; Servicio de Intermediacion financiera medidos indirectamente											
PIB: en porcentaje; GDP in %		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Total	real	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
- impuestos		-8.1%	-8.5%	-8.4%	-8.6%	-8.6%	-8.4%	-8.5%	-8.5%	-7.8%	
Valor agregado bruto		91.9%	91.5%	91.6%	91.4%	91.4%	91.6%	91.5%	91.5%	92.2%	
Valor agregado bruto		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Agri-, silvi-culturas, y pesca		13.6%	12.9%	12.6%	12.5%	13.0%	13.2%	12.7%	12.5%	11.9%	
Minas y canteras		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	
Industria manufacturera		23.1%	23.8%	23.8%	23.4%	23.4%	23.3%	23.7%	24.4%	28.1%	
Construccion		4.1%	4.3%	4.5%	4.6%	4.8%	3.9%	4.0%	4.2%	4.2%	
Electricidad y agua		3.1%	3.0%	3.0%	3.1%	3.1%	3.1%	3.1%	3.1%	3.1%	
Comercio, restaurantes y hoteles		19.4%	20.3%	20.7%	21.1%	20.8%	21.0%	21.2%	21.5%	20.1%	
Transporte, almacenaje y comunicaciones		8.2%	8.4%	8.9%	9.2%	9.4%	9.8%	10.2%	10.2%	10.0%	
Servicios financieros y seguros		4.1%	3.9%	3.8%	3.9%	3.8%	3.9%	4.0%	4.0%	3.9%	
Actividades inmobiliarias		6.9%	6.5%	6.3%	6.2%	6.1%	6.2%	6.0%	5.7%	5.3%	
Otros servicios prestados a empresas		2.2%	2.2%	2.2%	2.3%	2.2%	2.3%	2.3%	2.3%	2.2%	
Servicios de administracion publica		4.0%	3.8%	3.6%	3.6%	3.4%	3.3%	3.1%	2.9%	2.7%	
Servicios comunales, sociales y personales		13.0%	12.6%	12.3%	12.1%	11.9%	12.1%	11.9%	11.5%	10.8%	
-SIFMI**		-1.9%	-1.8%	-2.0%	-2.2%	-2.2%	-2.3%	-2.3%	-2.3%	-2.3%	

PIB nominal- Source: Estado de la Nacion

PIB real- Source: Boletin Estadistico #11, SEPSA, Junio 2000
 Indice de precios al consumidor- Source: Estado de la Nacion
 Tasa anual de inflacion- Source: Estado de la Nacion

A1.3 Balanza de Pago; Balance of Payment

	1991	1992	1993	1994	1995	1996	1997	1998	1999
Reservas monetarias* Monetary reserves	701.8	840.0	862.3	757.6	979.2	924.7	1,140.4	991.3	1,471.3
Cambio interbancario*2 Inter-bank exchange	136.0	137.8	151.4	165.0	194.4	219.5	243.6	270.4	297.3
Tasa de devaluacion Rate of devaluation	30.8	1.5	10.2	9.0	18.1	12.9	11.0	11.1	10.0
Deuda publica externa:DPE External public debt: EPD	3,266.9	3,288.7	3,158.4	3,255.5	3,258.6	2,858.9	2,640.2	2,872.4	3,056.5
Sevicio de la DPE Service of EPD	353.8	509.3	569.3	493.8	581.5	537.8	636.8	612.5	587.8
Deuda externa total/ PIB Total external debt/ GDP			52.9	47.7	43.1	39.4	38.1		
Rata: servicio de la deuda, pag: Debt-service ratio, paid			18.3	14.6	16.5	13.9	11.8		

*2: venta: promedio del mes de diciembre

* : internacionales netas; saldo a fin de ano

Source: BCCR processed by EdN

Balance of Payment: B/P		Unidades: millones de \$					
Balanza de pagos		1993	1994	1995	1996	1997	1998
CUENTA CORRIENTE		-647.3	-495.8	-291.0	-228.4	-214.7	-291.0
A. Goods, Net		-944.7	-943.2	-624.8	-569.9	-664.3	-707.0
1. Exports of goods		2,624.1	2,873.2	3,459.0	3,781.2	4,282.4	5,583.6
2. Imports of goods		-3,568.8	-3,816.4	-4,083.8	-4,351.1	-4,946.7	-6,290.6
B. Services, net		393.3	435.0	425.3	379.2	527.7	610.4
C. Rent, Net		-239.0	-142.9	-225.3	-184.6	-192.4	-299.4
D. Current transfer		143.1	155.3	133.8	146.9	114.3	105.0
C & F ACCOUNT		671.2	391.3	512.6	173.9	430.4	141.9
E. Capital Account		0.0	10.4	0.0	28.2	0.0	0.0
F. Financial Account		293.1	29.5	480.6	-4.5	446.4	141.9
1. Public Sector, Net		18.4	-156.6	-149.0	-261.4	-62.9	96.0
2. Private Sector, Net		274.7	186.1	629.6	256.9	509.3	45.9
G. Errors & Omissions		378.1	351.4	32.0	150.2	-16.0	0.0
SALDO DE B/P	BALANCE	23.9	-104.5	221.6	-54.5	215.7	-149.1

Source: Anuario Estadístico 1993-98, INEC, Sep. 2000

A1.4 Comercio exterior; Foreign Trade

Unidades: millones de \$

Unidades: millones de \$

Exportación.*	1991	1992	1993	1994	1995	1996	1997	1998	1999	tasa promedio
Total	1,899.3	2,385.2	2,625.5	2,878.2	3,475.9	3,758.4	4,205.5	5,523.3	6,649.3	17.0%
tradicionales	754.2	837.7	858.0	948.1	1,187.2	1,103.1	1,049.2	1,142.7	974.9	3.3%
no tradicionales	1,145.1	1,547.5	1,767.5	1,930.1	2,288.7	2,655.3	3,156.3	4,380.6	5,674.4	22.1%
Según sector										
Industriales	518.4	664.0	726.5	845.4	951.8	1,107.2	1,210.1	1,218.5	1,133.2	10.3%
Agrícolas	969.3	1,095.6	1,140.2	1,268.6	1,614.3	1,629.4	1,766.0	1,924.1	1,552.9	10.3%
Perfec. Activo	266.6	391.5	485.2	420.8	475.2	378.8	427.2	444.5	396.1	5.1%
Zonas Francas	145.0	234.1	273.6	343.4	434.6	643.0	891.3	1,936.2	3,567.1	49.2%
Según destino*2										
MCCA	177.7	248.4	267.9	288.1	349.7	385.4	412.5	478.7	532.2	14.7%
Resto del mundo	1,310.0	1,511.2	1,598.8	1,825.9	2,216.4	2,351.2	2,474.5	2,663.9	2,115.9	6.4%

* no incluye ajuste de metodología de b/p

*2 no incluye de perfeccionamiento activo y zona franca

Exportación	1991	1992	1993	1994	1995	1996	1997	1998	1999	tasa promedio
Total	1,126.7	1,334.4	1,453.1	1,449.2	1,928.6	2,099.3	2,214.6	2,380.4	1,885.1	10.9%
Agrícolas**	949.0	1,114.2	1,118.7	1,244.5	1,712.5	1,756.7	1,828.1	1,959.7	1,724.5	6.6%
Café	263.8	202.7	204.0	308.5	418.6	385.7	419.3	411.7	308.4	7.4%
Banano	402.9	562.6	564.7	539.2	680.4	631.9	588.0	665.2	629.5	10.1%
Cana de azúcar	21.4	29.5	27.9	28.4	46.2	44.4	41.3	41.9	30.3	16.5%
Arroz; Rice	0.0	1.0	0.4	0.1	0.8	1.4	2.7	2.4	1.6	16.9%
Frutas; Fruits	62.6	80.3	92.6	111.1	119.2	139.5	184.6	188.6	212.8	12.1%
Legum. y verduras	29.6	34.0	42.1	57.7	66.0	74.5	79.3	88.6	53.4	-11.7%
Flor., pl. orn., semil.	58.7	67.0	72.4	96.5	112.2	133.6	120.8	130.6	123.5	-17.9%
Insusos agrícolas	15.0	24.4	23.6	26.9	38.0	47.7	40.9	31.1	33.3	-23.4%
Pecuarios	126.3	122.8	167.5	98.0	88.8	108.5	102.0	125.9	46.8	10.4%
beef	58.8	44.0	63.7	51.2	43.8	42.4	28.7	24.7	12.2	
Ganado vacuno	0.9	0.1	0.2	0.6	0.4	0.2	0.2	0.2	0.1	
Pesca	51.5	97.4	166.9	106.6	127.4	234.1	284.6	294.8	113.8	10.4%

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*2 no incluye de perfeccionamiento activo y zona franca

Exportación	1991	1992	1993	1994	1995	1996	1997	1998	1999	tasa promedio
Total	1,126.7	1,334.4	1,453.1	1,449.2	1,928.6	2,099.3	2,214.6	2,380.4	1,885.1	10.9%
Agrícolas**	949.0	1,114.2	1,118.7	1,244.5	1,712.5	1,756.7	1,828.1	1,959.7	1,724.5	6.6%
Café	263.8	202.7	204.0	308.5	418.6	385.7	419.3	411.7	308.4	7.4%
Banano	402.9	562.6	564.7	539.2	680.4	631.9	588.0	665.2	629.5	10.1%
Cana de azúcar	21.4	29.5	27.9	28.4	46.2	44.4	41.3	41.9	30.3	16.5%
Arroz; Rice	0.0	1.0	0.4	0.1	0.8	1.4	2.7	2.4	1.6	16.9%
Frutas; Fruits	62.6	80.3	92.6	111.1	119.2	139.5	184.6	188.6	212.8	12.1%
Legum. y verduras	29.6	34.0	42.1	57.7	66.0	74.5	79.3	88.6	53.4	-11.7%
Flor., pl. orn., semil.	58.7	67.0	72.4	96.5	112.2	133.6	120.8	130.6	123.5	-17.9%
Insusos agrícolas	15.0	24.4	23.6	26.9	38.0	47.7	40.9	31.1	33.3	-23.4%
Pecuarios	126.3	122.8	167.5	98.0	88.8	108.5	102.0	125.9	46.8	10.4%
beef	58.8	44.0	63.7	51.2	43.8	42.4	28.7	24.7	12.2	
Ganado vacuno	0.9	0.1	0.2	0.6	0.4	0.2	0.2	0.2	0.1	
Pesca	51.5	97.4	166.9	106.6	127.4	234.1	284.6	294.8	113.8	10.4%

* no incluye ajuste de metodología de b/p

*2 no incluye de perfeccionamiento activo y zona franca

Exportación	1991	1992	1993	1994	1995	1996	1997	1998	1999	tasa promedio
Total	1,126.7	1,334.4	1,453.1	1,449.2	1,928.6	2,099.3	2,214.6	2,380.4	1,885.1	10.9%
Agrícolas**	949.0	1,114.2	1,118.7	1,244.5	1,712.5	1,756.7	1,828.1	1,959.7	1,724.5	6.6%
Café	263.8	202.7	204.0	308.5	418.6	385.7	419.3	411.7	308.4	7.4%
Banano	402.9	562.6	564.7	539.2	680.4	631.9	588.0	665.2	629.5	10.1%
Cana de azúcar	21.4	29.5	27.9	28.4	46.2	44.4	41.3	41.9	30.3	16.5%
Arroz; Rice	0.0	1.0	0.4	0.1	0.8	1.4	2.7	2.4	1.6	16.9%
Frutas; Fruits	62.6	80.3	92.6	111.1	119.2	139.5	184.6	188.6	212.8	12.1%
Legum. y verduras	29.6	34.0	42.1	57.7	66.0	74.5	79.3	88.6	53.4	-11.7%
Flor., pl. orn., semil.	58.7	67.0	72.4	96.5	112.2	133.6	120.8	130.6	123.5	-17.9%
Insusos agrícolas	15.0	24.4	23.6	26.9	38.0	47.7	40.9	31.1	33.3	-23.4%
Pecuarios										

Cuadro A.1.5 PRESUPUESTO PARA EL AÑO 2001; BUDGET 2001

Instituciones	Institutions	Presupuesto; Budget		porcentaje percentage
		10^6 Colon	1,000 US\$	
PODER LEGISLATIVO	LEGISLATIVE OFFICE	16,205	51,444	1.35%
Asamblea Legislativa	Legislative Assembly	9,531	30,257	0.79%
Contraloría Gral. de la Rep	Tax Agency	5,772	18,324	0.48%
Defens.de los habit.dl Rep	Human Right Agency	902	2,863	0.08%
PODER EJECUTIVO	ADMINISTRATIVE OFFICE	1,119,208	3,553,041	93.20%
Presidencia de la Republica	Office of President	4,201	13,337	0.35%
Min. de President	Min. of President	2,291	7,273	0.19%
Min. de Gobierno y policia	Min. of Police	5,680	18,032	0.47%
Min. de Reac.Exter.y Curto	Min. of External Affairs	6,919	21,965	0.58%
Min. de Seguridad publ.	Min. of Public Security	29,295	93,000	2.44%
Min. de Hacienda	Min. of Finance	31,622	100,387	2.63%
Min. de Agricult. y Ganaderia	Min. of Agri. & Anim.Husb	8,249	26,187	0.69%
Min. de Econ.,Ind. Y Comercio	Min. of Econ.,Ind.& Commerce	2,749	8,727	0.23%
Min. de Obras Publ.y Transp.	Min. of Pub.Works & Transp	51,862	164,641	4.32%
Min. de Educacion Publica	Min. of Pulic Education	250,647	795,705	20.87%
Min. de Salud	Min. of Health	22,672	71,975	1.89%
Min. de Trab.y Segurida Social	Min. of Labor & Welfare	55,034	174,711	4.58%
Regimenes Espec.de Pensiones	Special Agency of Pension	131,380	417,079	10.94%
Min. de Cult. Jubent.Deportes	Min. of Culture,Youth, & Sports	8,279	26,283	0.69%
Min. de Justicia y Grasia	Min. of Justice	14,950	47,460	1.24%
Min. de Vivienda y Asent.Humanos	Min. of Housing	702	2,229	0.06%
Servicio de Deuda Publica	Services of Public Debts	472,650	1,500,476	39.36%
Min. Comercio Exterior	Min. of Foreign Trade	9,290	29,492	0.77%
Min. de Planif.nac.y Pol.Eco.	Min. of national Planning	857	2,721	0.07%
Min. de Ciencia y Tecnologia	Min. of Science & Technolo	1,392	4,419	0.12%
PC Min. de Ambiente y Energia	Min. of Environment & Energy	8,487	26,943	0.71%
TRIBUNAL SUPR. DE ELECCIONES	OFFICE OF JUDICIARY	47,039	149,330	3.92%
OBRAS ESPECIFICAS	SUPR.TRIBUNAL OF ELECTI	14,304	45,410	1.19%
	SPECIAL WORKS	4,100	13,016	0.34%
TOTAL	TOTAL	1,200,856	3,812,241	100.00%

Colones315/US\$

Cuadro A1.6 Valor agregado; Added value

Unidades: millones de 1991Coto Valor agregado: %

	1991	1992	1993	1994	1995	1996	1997	1998	1999	tasa prom.	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total Agropecuario	108,362	111,968	116,495	120,688	130,008	133,512	135,751	143,947	148,910	4.1%	Total Agropecuario	100%	100%	100%	100%	100%	100%	100%	100%
Agrícolas	76,107	80,594	82,556	82,417	92,108	93,133	98,601	103,612	106,234	4.3%	Agrícolas	70.2%	72.0%	70.9%	68.3%	70.8%	69.8%	72.6%	71.3%
Tradicionales	47,141	48,262	49,782	46,435	53,349	49,579	50,543	53,866	55,005	1.9%	Tradicionales	43.5%	43.1%	42.7%	38.5%	41.0%	37.1%	37.2%	36.9%
Café	20,043	17,210	19,408	16,095	19,713	14,792	17,984	16,889	17,942	-1.4%	Café	18.5%	15.4%	16.7%	13.3%	15.2%	11.1%	13.2%	11.7%
Banano	21,525	25,110	24,089	24,224	26,865	28,160	25,839	29,714	29,624	4.1%	Banano	19.9%	22.4%	20.7%	20.1%	20.7%	21.1%	19.0%	20.6%
Cana de Azúcar	5,246	5,698	6,062	5,936	6,547	6,510	6,520	7,140	7,337	4.3%	Cana de Azúcar	4.8%	5.1%	5.2%	4.9%	5.0%	4.9%	4.8%	5.0%
Cacao	326.2	244.5	222.9	180	223.4	117.1	199.3	124	101.3	-13.6%	Cacao	0.3%	0.2%	0.2%	0.1%	0.2%	0.1%	0.1%	0.1%
Granos Básicos	5,744	5,086	4,422	5,291	4,977	4,928	4,575	4,964	5,577	-0.4%	Granos Básicos	5.30%	4.54%	3.80%	4.38%	3.83%	3.69%	3.37%	3.45%
Arroz	3,479	3,026	2,599	3,205	3,168	3,668	3,647	4,111	4,473	3.2%	Arroz	3.21%	2.70%	2.23%	2.66%	2.44%	2.75%	2.69%	2.86%
Maiz	607	463	401	425	296	411	315	319	324	-7.6%	Maiz	0.56%	0.41%	0.34%	0.35%	0.23%	0.31%	0.23%	0.22%
Frijol	1,658	1,597	1,423	1,662	1,513	849	613	535	781	-9.0%	Frijol	1.53%	1.43%	1.22%	1.38%	1.16%	0.64%	0.45%	0.37%
Otros	4,994.8	5,528.4	5,774.4	####	5,937.7	6,530.0	6,558.2	6,295.5	5,785.4	1.9%	Otros	4.6%	4.9%	5.0%	4.8%	4.6%	4.9%	4.8%	4.7%
Tabaco	460	490	415	211	199	227	165	197	78	-20.0%	Tabaco	0.42%	0.44%	0.36%	0.17%	0.15%	0.17%	0.12%	0.14%
Papa	1,347	1,535	1,417	1,418	1,306	1,971	2,173	2,178	1,828	3.9%	Papa	1.24%	1.37%	1.22%	1.17%	1.00%	1.48%	1.60%	1.51%
Cebolla	802	998	1,131	1,273	1,320	1,203	1,034	607	728	-1.2%	Cebolla	0.74%	0.89%	0.97%	1.06%	1.02%	0.90%	0.76%	0.42%
Tomate	1,174	1,186	1,203	1,225	1,249	1,283	1,302	1,354	1,369	1.9%	Tomate	1.08%	1.06%	1.03%	1.02%	0.96%	0.96%	0.96%	0.94%
Col	125	134	161	187	183	196	243	250	142	1.6%	Col	0.12%	0.12%	0.14%	0.15%	0.14%	0.15%	0.18%	0.17%
Zanahoria	263	300	398	416	431	410	433	346	268	0.3%	Zanahoria	0.24%	0.27%	0.34%	0.34%	0.33%	0.31%	0.32%	0.24%
Chayote	824	887	1,050	1,111	1,250	1,240	1,208	1,363	1,374	6.6%	Chayote	0.76%	0.79%	0.90%	0.92%	0.96%	0.93%	0.89%	0.95%
No Tradicional	18,227	21,717	22,577	24,851	27,845	32,096	36,925	38,485	39,867	10.3%	No Tradicional	16.8%	19.4%	19.4%	20.6%	21.4%	24.0%	27.2%	26.7%
Pina	3,056	3,719	4,387	4,912	5,585	6,632	9,139	9,812	10,332	16.4%	Pina	2.8%	3.3%	3.8%	4.1%	4.3%	5.0%	6.7%	6.8%
Melon	1,532	2,569	2,839	4,214	3,561	4,038	4,569	5,065	5,698	17.8%	Melon	1.4%	2.3%	2.4%	3.5%	2.7%	3.0%	3.4%	3.5%
Naranja	578	665	901	1,313	2,228	3,309	2,863	2,986	3,358	24.6%	Naranja	0.5%	0.6%	0.8%	1.1%	1.7%	2.5%	2.1%	2.1%
Palmito	299	334	353	387	438	498	1,031	965	733	11.9%	Palmito	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.8%	0.7%
Palma africana	1,419	1,791	2,016	1,556	1,736	2,008	1,862	1,581	1,968	4.2%	Palma africana	1.3%	1.6%	1.7%	1.3%	1.3%	1.5%	1.4%	1.1%
Ornamentales	3,651	3,943	3,845	4,831	5,340	5,924	6,016	6,521	6,362	7.2%	Ornamentales	3.4%	3.5%	3.3%	4.0%	4.1%	4.4%	4.4%	4.5%
Orchid	1,109	1,425	1,175	1,338	1,550	1,263	1,839	2,027	2,759	12.1%	Orchid	1.0%	1.3%	1.0%	1.1%	1.2%	0.9%	1.4%	1.4%
Platano	596	475	675	554	574	725	905	1,057	755	3.0%	Platano	0.6%	0.4%	0.6%	0.5%	0.4%	0.5%	0.7%	0.7%
Otros	5,988	6,797	6,386	5,745	6,834	7,699	8,701	8,472	7,903	3.5%	Otros	5.5%	6.1%	5.5%	4.8%	5.3%	5.8%	6.4%	5.9%
Pecuarios	23,806	22,569	25,874	27,249	28,395	29,333	26,299	28,858	30,919	3.3%	Pecuarios	22.0%	20.2%	22.2%	22.6%	21.8%	22.0%	19.4%	20.8%
Ganado vacuno	10,065	6,888	8,714	9,823	9,962	11,811	8,082	9,011	9,160	-1.2%	Ganado vacuno	9.3%	6.2%	7.5%	8.1%	7.7%	8.8%	6.0%	6.3%
Cerdos	1,464	1,383	1,475	1,610	1,610	1,328	1,443	1,714	1,828	2.8%	Cerdos	1.4%	1.2%	1.3%	1.3%	1.2%	1.0%	1.1%	1.2%
Aves	2,344	2,775	3,345	3,390	3,602	3,666	3,484	3,795	4,388	8.2%	Aves	2.2%	2.5%	2.9%	2.8%	2.8%	2.7%	2.6%	2.9%
Leche	9,017	10,485	11,151	11,242	11,792	11,290	12,036	13,225	14,379	6.0%	Leche	8.3%	9.4%	9.6%	9.3%	9.1%	8.5%	8.9%	9.7%
Huevos	916	1,038	1,190	1,185	1,429	1,239	1,254	1,114	1,164	3.0%	Huevos	0.8%	0.9%	1.0%	1.0%	1.1%	0.9%	0.9%	0.8%
Los Demas	8,449	8,805	8,065	11,022	9,506	11,046	10,852	11,477	11,757	4.2%	Los Demas	7.8%	7.9%	6.9%	9.1%	7.3%	8.3%	8.0%	8.0%
Madera	3,443	3,073	3,139	5,068	3,300	2,768	3,279	3,561	3,561	0.4%	Madera	3.2%	2.7%	2.7%	4.2%	2.5%	2.1%	2.4%	2.5%
Pesca	1,883	1,867	1,955	3,466	3,293	4,981	4,437	4,364	4,760	12.3%	Pesca	1.7%	1.7%	1.7%	2.9%	2.5%	3.7%	3.3%	3.0%
Mejor. agrícolas	3,124	3,864	2,971	2,487	2,913	3,296	3,136	3,553	3,436	1.2%	Mejor. agrícolas	2.9%	3.5%	2.6%	2.1%	2.2%	2.5%	2.3%	2.5%

Source: Boletín Estadístico #11, SEPSA, Junio 2000

A1.7 Credito Agropecuario; Agriculture Credit

en millones de colones

en Total	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Bancos Estatales	14,871	16,893	24,373	24,071	23,718	15,126	19,510	28,825	35,775	26,150
Bancos Privados	3,178	4,914	7,752	9,059	10,582	11,917	18,844	23,956	31,415	17,576

Source: SEPSA

Colocaciones	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Bancos Estatales	30.3%	25.6%	21.2%	17.8%	16.9%	12.4%	11.8%	12.2%	6.9%	7.1%
Bancos Privados	6.5%	7.4%	8.0%	6.6%	5.7%	6.0%	5.9%	7.1%	4.4%	4.3%
Total	18.3%	16.4%	15.2%	12.2%	10.6%	8.5%	7.9%	9.2%	5.5%	5.6%

Source: SEPSA

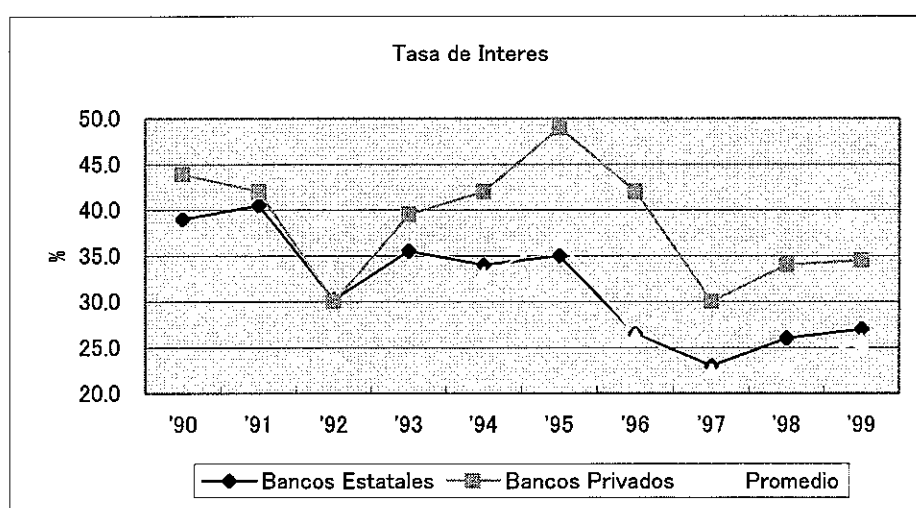
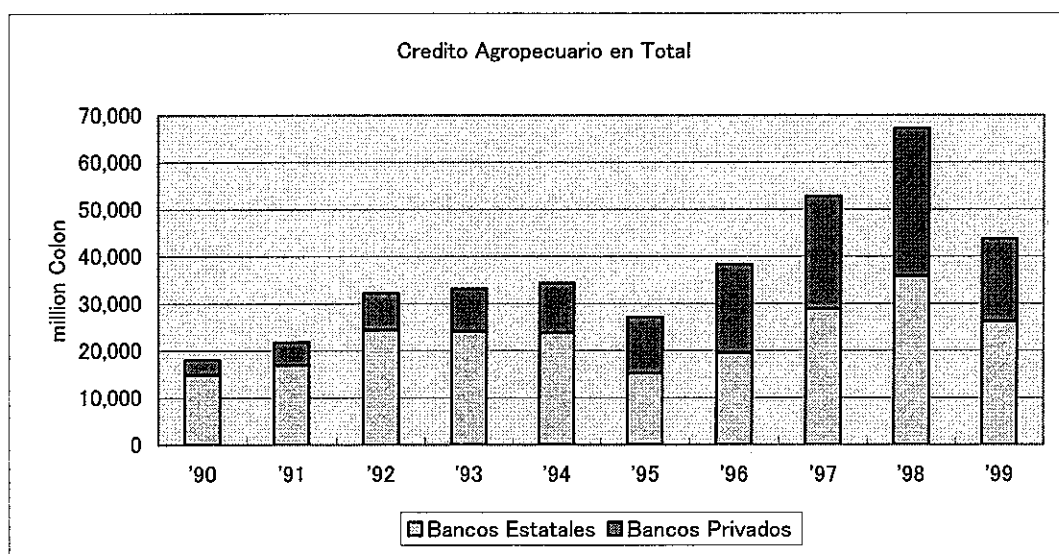
Tasa de Interes*	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Bancos Estatales	39.0	40.5	30.2	35.5	34.0	35.0	26.5	23.0	26.0	27.0
Bancos Privados	43.9	42.0	30.0	39.5	42.0	49.0	42.0	30.0	34.0	34.5

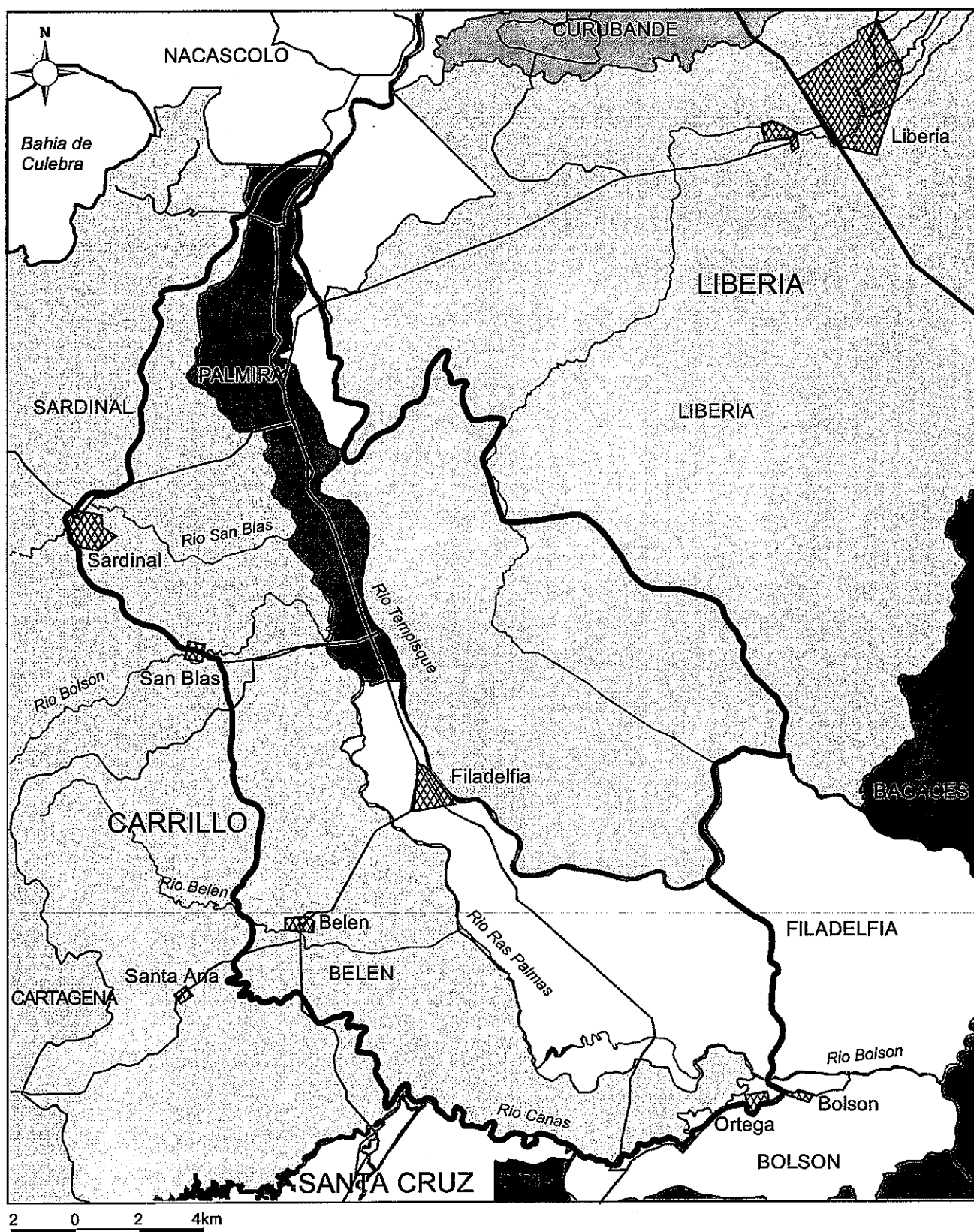
* incluye comercio, personal y servicios

Source: BCCR, a traves del Estado de la Nacion

Promedio	33.0	36.7	26.3	22.5	22.7	25.7
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Source: BCCR, a traves del EIU





A.2.1 DIVISION ADMINISTRATIVA

Cuadro A.2.2 Poblacion Regional: Regional Population

Pais; Country	Costa Rica	1993	1994	1995	1996	1997	1998	1999	km^2	1993	1999	Census'00	
		Density		Density		Density		Density		Male	Female	Hhold	
Provincia; Province	Guanacaste	3,234,233	3,301,210	3,367,455	3,432,665	3,496,423	3,558,697	3,622,171	1.9%			1,827,496	1,794,675
Canton	Liberia	256,963	261,611	266,198	270,643	275,078	279,264	283,514	1.7%	10,141	25.3	144,372	139,142
Distrito: 2/5	Nacascolo*	39,173	40,021	41,009	41,946	42,855	43,688	44,622	2.2%	1,436.5	27.3	22,274	22,348
	Liberia*2	1,769	1,795	1,841	1,885	1,920	1,954	1,994	2.0%	323.6	5.5	1,042	952
	urban	31,756	32,493	33,327	34,099	34,879	35,603	36,407	2.3%	561.6	56.5	17,921	18,486
Canton	Carrillo	24,022	24,446	24,909	25,388	25,811	26,249	26,678	1.8%	564.8	42.5	13,595	13,083
Distrito: 4/4	Palmira	3,052	3,089	3,127	3,182	3,226	3,295	3,360	1.6%	37.2	82.1	1,695	1,665
	Sardinal	7,727	7,901	8,089	8,267	8,438	8,592	8,742	2.1%	210.4	36.7	4,474	4,268
	Belen	5,874	5,933	6,025	6,117	6,187	6,281	6,351	1.3%	192.2	30.6	3279	3072
	Filadelfia	7,369	7,523	7,668	7,822	7,960	8,081	8,225	1.8%	125.0	58.9	4147	4078
Canton	Santa Cruz	39,108	39,712	40,278	40,847	41,406	41,929	42,390	1.4%	1,325.1	29.5	21650	20740
Distrito: 1/9	Bolson	1,639	1,667	1,676	1,698	1,729	1,744	1,769	1.3%	30.4	53.9	944	825
Total Distritos concernes		59,186	60,401	61,753	63,070	64,339	65,550	66,848	2.0%	1,480.3	40.0	33,502	33,346
-Liberia							30,167	30,650					15,276

*: a portion of the left bank area belongs to the study area *2: on the left bank

Fuente; Source: Estadística Nacional, Censo 2000

Guanacaste

Hogares; Household	42,405	49,601	49,634	50,341	60,291	
Capita per Hh	6.1	5.4	5.5	5.5	4.7	-4.1%
poblacion ocupada; Employme	79,318	84,288	84,334	84,279	88,760	1.9%
Sector de actividad						
primario*; primary %	40.1	38.6	32.7	35.3	28.0	-5.8%
secundario; secondary %	15.4	14.8	17.0	14.7	14.6	-0.9%
terciario; tertiary %	43.2	46.1	49.4	49.7	56.4	4.5%
no especificado; not specified %	1.3	0.6	0.9	0.2	1.0	

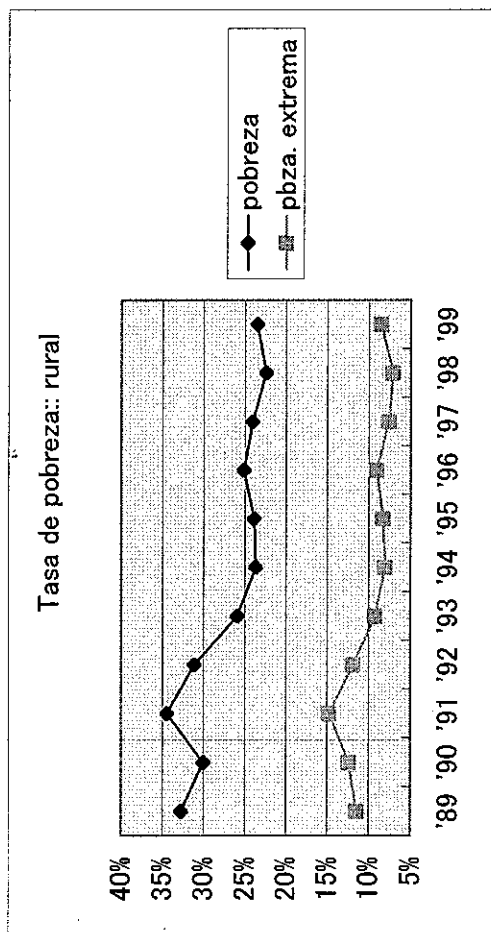
*: =agricultura, minas en secundario; =agriculture, mines are included in secondary

pobreza %	38.4	35.2	36.0	34.1	35.5	-1.3%
pobreza extrema %	13.8	13.6	12.3	11.5	13.2	-0.7%

Fuente; Source: Estado de la Nacion 1999, Censo 2000

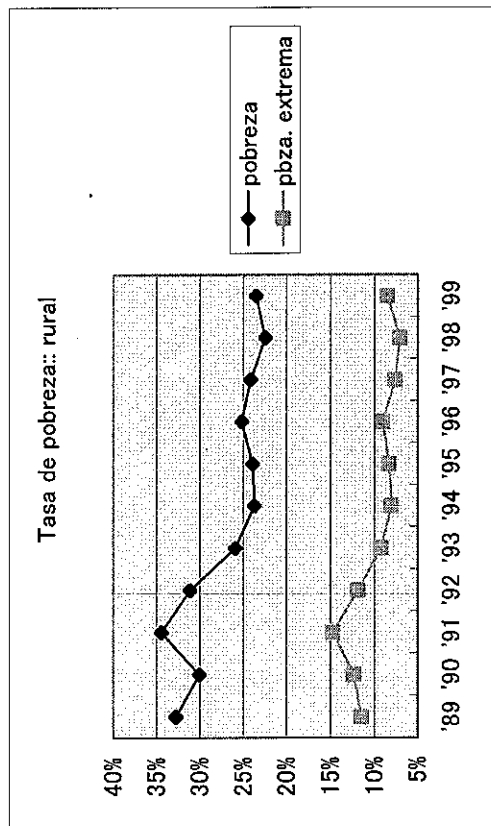
Cuadro A.2.2 Pobreza; Poverty

Rural	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99
pobreza	21.3%	17.7%	19.7%	19.3%	16.7%	15.7%	15.6%	16.1%	16.5%	15.3%	15.0%
pbza. extrema	11.5%	12.4%	14.7%	11.9%	9.2%	8.0%	8.3%	9.0%	7.6%	7.1%	8.5%
Guanacaste											
pobreza					38.4%		35.2%		36.0%	34.1%	35.5%
pbza. extrema					13.8%		13.6%		12.3%	11.5%	13.2%



Cuadro A.2.3 Pobreza; Poverty

Rural	89	'90	'91	'92	'93	'94	'95	'96	'97	'98	99
pobreza	21.3%	17.7%	19.7%	19.3%	16.7%	15.7%	15.6%	16.1%	16.5%	15.3%	15.0%
pbza. extren	11.5%	12.4%	14.7%	11.9%	9.2%	8.0%	8.3%	9.0%	7.6%	7.1%	8.5%
Guanacaste											
pobreza					38.4%		35.2%		36.0%	34.1%	35.5%
pbza. extrema					13.8%		13.6%		12.3%	11.5%	13.2%



A2.4 Produccion y Rendimiento agropecuario anual; Agro-Productio

Actividad unidad	Area ha	Production ton	Rendimiento kg/ha	Valor 1000\$
Arroz	24,313	81,327	3,345	37,885
Maiz	5,564	8,096	1,455	2,514
Frijol	4,950	2,114	427	1,313
Cana de azucar	28,220	1,594,757	61,500	20,024
Café	1,965	2,358	1,200	5,126
Sandia	344	5,719	16,625	2,078
Melon	3,256	58,608	18,000	20,931
Tomate	35	788	22,500	281
Chile dulce	14	96	7,000	343
Chile picante	30	420	14,000	685
Cebolla	50	1,485	30,000	530
Ayote	50	500	10,000	179
Mango	2,385	11,925	5,000	4,259
Aguacate	53	530	10,000	946
Citricos	7,500	750,000	100,000	40,179
Macadamia	109	120	1,100	128
Pina	35	2,800	80,000	1,000
Gengibre	2	32	16,100	12
Papaya	18	1,080	60,000	386
Sabila	300	ND	ND	ND
Omision	119	550		1
Total	79,311	2,523,304		138,799
Ganaderia (carne)		10,497	108.6	37,490
Ganaderia (leche)		70,000 litro/dia		9,125
Total				46,615

Fuente: PAO Region Chorotega, MAG, Enero 1999

C280/\$:'99

A2.5 Principales Cosechas Comerciales en Region Chorotega excepto Café y Citricos

A2.5 Principal Comercial Harvests in Chorotega Region except Café & Citricos

		90/91	91/92	92/93	93/94	94/95	95/96	96/97	97/98	98/99	99/00
Arroz	Area Sembrada	ha	28,906	26,061	25,448	21,067	21,239	22,272	28,742	27,258	28,793
	Produccion	ton	101,945	101,234	97,064	81,624	87,035	95,296	129,080	112,052	124,300
	Rendimiento	ton/ha	3.5	3.9	3.8	3.9	4.1	4.3	4.5	4.1	4.3
Melon	Area Sembrada	ha				2,875	3,824	3,856	4,448	5,720	7,980
	Produccion	ton							87,114	108,680	153,560
	Rendimiento	ton/ha							19.6	19.0	19.2
Cana	Area Sembrada	ha				17,903		20,564		23,400	
	Produccion	1000t	2,519	2,635	2,496	2,676	2,739	2,744	2,805	3,286	3,202
	Rendimiento	ton/ha				149		136		137	
Mango	Area Sembrada	ha								1,700	1,954
	Produccion	ton								6,460	
	Rendimiento	ton/ha								3.8	

Fuente: Estado de la Nacion