

ANNUAL ESTIMATES OF LATIN AMERICAN DISTORTIONS TO AGRICULTURAL INCENTIVES

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This compilation summarizes the estimates, for the focus countries of Latin America and the Caribbean, of key distortion indicators defined in Anderson et al. (2008). These tables appear also in an Appendix in Anderson and Valdés (2008).

Three tables are provided for each country: (a) the Nominal Rate of Assistance to individual farm products covered in the study and their weighted average, using as weights production valued at undistorted prices; (b) the Relative Rate of Assistance to producers of agricultural (relative to non-agricultural) tradables, again using as weights production valued at undistorted prices, and the component parts of the RRA calculation; and (c) the weights themselves for individual covered farm products and for the residual non-covered group of products, shown as percentages and so they sum to 100 percent.

The Nominal Rate of Assistance (NRA) in the case of a product having just its output price distorted by government policies is the percentage by which the domestic producer price exceeds the price that would prevail under free markets, that is, the border price appropriately adjusted to account for differences in product quality, transport costs, processing costs, etc. A negative value indicates the domestic price is below that comparable border price. If producers of that product also are affected by distortions to product-specific input prices, their ad valorem equivalent is accounted for by subtracting the ad valorem input price distortion times its input-output coefficient from the farm industry's output NRA to get the total nominal rate of assistance to production of that farm product.

The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

The sources of these tables are the Working Paper version of the chapters in Anderson and Valdés (2008) (and its associated spreadsheet), each of which is downloadable in the Working Paper section of the project's website, www.worldbank.org/agdistortions. Also

available at that website is the complete global distortions database (Anderson and Valenzuela 2008). The references are provided below.

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Table 1: Annual distortion estimates, **Argentina**, 1960 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Wheat	Maize	Soybean	Sunflower	Beef	Milk	All
1960	-36	-32	na	na	-40	na	-38
1961	-23	-17	na	na	-40	na	-33
1962	-21	-3	na	na	-44	na	-33
1963	-13	4	na	na	-39	na	-27
1964	-2	1	na	na	-23	na	-13
1965	-18	-9	na	na	-35	na	-26
1966	-6	10	na	na	-25	na	-15
1967	8	-35	na	na	-38	na	-30
1968	-25	-20	na	na	-38	na	-32
1969	-16	-7	na	na	-39	na	-28
1970	-16	-20	na	na	-25	na	-22
1971	-11	-17	na	na	-13	na	-14
1972	-30	-28	na	na	-31	na	-30
1973	-42	-25	na	na	-35	na	-35
1974	-63	-28	na	na	-28	na	-39
1975	-36	-44	na	na	-42	na	-41
1976	-40	-58	na	na	-19	na	-34
1977	-9	-20	-16	-24	-32	na	-24
1978	-19	-11	-15	-36	-14	na	-17
1979	-13	-12	-12	-23	-3	na	-8
1980	-11	6	-7	-25	-4	na	-6
1981	-4	-15	-13	-9	-36	na	-26
1982	-12	-14	-14	-26	-35	na	-27
1983	-27	-28	-27	-33	-31	na	-30
1984	-21	-22	-24	-24	-21	na	-22
1985	-26	-20	-24	-25	-18	na	-22
1986	-21	-32	-33	-32	-7	na	-21
1987	-11	-25	-22	-22	-7	na	-14
1988	-2	-2	-17	-14	-6	na	-11
1989	-25	-30	-38	-39	-22	-3	-25
1990	-30	-31	-36	-39	-19	1	-27
1991	-6	-7	-12	-13	-5	1	-8
1992	-3	-3	-9	-10	-1	0	-4
1993	2	3	-5	-4	3	1	0
1994	-12	1	-6	-14	4	2	-3
1995	-2	-5	-9	-23	4	6	-5
1996	-8	-6	-5	-17	2	5	-4
1997	-14	-4	-5	-11	2	5	-4
1998	-14	-8	-10	-18	2	5	-7
1999	-10	-2	-8	-29	2	5	-6
2000	-14	-7	-8	-27	2	6	-6
2001	-3	-6	-3	-20	2	6	-3
2002	-19	-25	-30	-41	-4	-4	-24
2003	-23	-25	-28	-36	-5	-4	-23
2004	-24	-27	-30	-35	-5	-4	-23
2005	-26	-29	-29	-40	-7	-9	-24

Table 1 (continued): Annual distortion estimates, **Argentina**, 1960 to 2005
(b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries
(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All		
	Inputs	Outputs							
1960	0	-38	-19	-33	-33	na	-33	66	-60
1961	0	-33	-16	-29	-29	na	-29	63	-57
1962	0	-33	-17	-29	-29	na	-29	61	-56
1963	0	-27	-14	-24	-24	na	-24	59	-52
1964	0	-13	-8	-12	-12	na	-12	58	-44
1965	0	-27	-14	-23	-23	na	-23	56	-51
1966	0	-15	-8	-13	-13	na	-13	54	-44
1967	0	-30	-13	-26	-26	na	-26	53	-52
1968	1	-32	-16	-28	-28	na	-28	50	-52
1969	-1	-27	-15	-23	-23	na	-23	48	-48
1970	-1	-21	-11	-18	-18	na	-18	43	-42
1971	0	-14	-6	-11	-11	na	-11	38	-36
1972	0	-30	-15	-25	-25	na	-25	35	-44
1973	0	-35	-17	-29	-29	na	-29	31	-46
1974	0	-39	-18	-32	-32	na	-32	28	-47
1975	1	-42	-20	-34	-34	na	-34	24	-47
1976	0	-34	-14	-27	-27	na	-27	21	-40
1977	1	-25	-13	-20	-20	na	-20	21	-34
1978	0	-16	-8	-14	-14	na	-14	20	-28
1979	0	-8	-3	-6	-6	na	-7	19	-22
1980	-1	-5	-4	-5	-5	na	-5	19	-20
1981	0	-26	-13	-23	-23	na	-23	19	-35
1982	1	-28	-14	-24	-24	na	-24	17	-35
1983	1	-31	-16	-26	-26	na	-26	17	-36
1984	1	-23	-12	-19	-19	na	-19	16	-31
1985	2	-23	-13	-19	-19	na	-19	16	-30
1986	0	-21	-8	-18	-18	na	-18	16	-29
1987	-1	-13	-6	-12	-12	na	-12	16	-24
1988	0	-11	-4	-9	-9	na	-9	17	-22
1989	0	-25	-11	-21	-21	na	-21	15	-31
1990	0	-27	-13	-23	-23	na	-23	12	-32
1991	0	-8	-3	-6	-6	na	-6	11	-16
1992	0	-4	-1	-3	-3	na	-3	11	-13
1993	-1	1	1	0	0	na	0	10	-9
1994	-4	1	0	-3	-3	na	-3	11	-12
1995	-4	-1	0	-4	-4	na	-4	11	-13
1996	-3	-1	0	-3	-3	na	-3	10	-12
1997	-4	0	0	-3	-3	na	-3	10	-12
1998	-4	-2	0	-5	-5	na	-5	11	-15
1999	-6	-1	0	-5	-5	na	-5	11	-14
2000	-4	-2	0	-5	-5	na	-5	10	-13
2001	-5	3	0	-2	-2	na	-2	9	-10
2002	-1	-23	-20	-23	-23	na	-23	3	-25
2003	-2	-21	-20	-22	-22	na	-22	3	-25
2004	-1	-22	-20	-22	-22	na	-22	4	-25
2005	-1	-22	-20	-23	-23	na	-23	3	-25

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 1 (continued): Annual distortion estimates, **Argentina**, 1960 to 2005
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Wheat	Maize	Soybean	Sun- flower	Beef	Milk	Non- covered	Total
1960	20	12	na	na	43	na	25	100
1961	16	13	na	na	50	na	20	100
1962	15	12	na	na	48	na	25	100
1963	17	11	na	na	47	na	25	100
1964	23	10	na	na	41	na	25	100
1965	22	10	na	na	43	na	25	100
1966	13	14	na	na	48	na	25	100
1967	11	21	na	na	43	na	25	100
1968	20	13	na	na	42	na	25	100
1969	12	12	na	na	38	na	37	100
1970	13	16	na	na	36	na	35	100
1971	8	16	na	na	38	na	38	100
1972	9	11	na	na	46	na	34	100
1973	17	15	na	na	36	na	33	100
1974	22	15	na	na	30	na	33	100
1975	10	12	na	na	44	na	34	100
1976	11	19	na	na	37	na	33	100
1977	12	11	8	2	34	na	33	100
1978	8	13	9	7	31	na	32	100
1979	9	8	9	4	37	na	33	100
1980	15	8	8	4	37	na	28	100
1981	7	12	8	3	43	na	27	100
1982	9	8	9	5	42	na	27	100
1983	13	10	9	5	34	na	29	100
1984	8	9	17	7	31	na	27	100
1985	7	15	17	11	24	na	26	100
1986	9	11	16	9	28	na	27	100
1987	7	8	17	5	35	na	27	100
1988	5	8	29	8	23	na	27	100
1989	1	5	16	7	38	8	25	100
1990	10	5	23	8	23	7	24	100
1991	9	6	22	8	23	6	25	100
1992	9	7	18	5	25	12	25	100
1993	9	7	18	5	24	13	24	100
1994	9	7	21	9	18	13	23	100
1995	13	8	19	11	16	11	23	100
1996	12	9	21	9	15	11	23	100
1997	14	8	19	8	16	11	23	100
1998	9	9	23	9	16	11	24	100
1999	9	7	23	10	16	12	24	100
2000	11	7	24	7	17	10	24	100
2001	11	6	27	8	13	10	24	100
2002	13	8	36	6	9	5	23	100
2003	9	7	40	5	9	7	23	100
2004	9	6	39	4	11	7	23	100
2005	9	7	36	4	12	9	23	100

^a At farmgate undistorted prices, US\$

Source: Sturzenegger and Salazni (2007)

Table 2: Annual distortion estimates, **Brazil**, 1966 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Rice	Wheat	Maize	Soy- bean	Sugar	Cotton	Coffee	Beef	Pig- meat	Poultr y	All
1966	na	44	-9	0	na	-16	na	na	na	na	-8
1967	na	41	-9	0	na	-5	na	na	na	na	-6
1968	na	38	-9	0	na	-9	na	na	na	na	-6
1969	na	43	-9	0	na	-6	na	na	na	na	-5
1970	na	69	-9	-3	-35	4	na	na	na	na	-9
1971	na	53	7	7	-45	-6	na	na	na	na	-8
1972	na	4	20	0	-78	-7	na	na	na	na	-35
1973	19	-30	-5	-24	-82	1	na	na	na	na	-36
1974	-3	5	-12	-3	-89	8	na	na	na	na	-49
1975	-4	39	0	-6	-84	-9	na	na	na	na	-37
1976	1	81	-5	-16	-36	-9	na	na	na	na	-11
1977	-13	115	-3	-23	-55	-29	na	na	na	na	-22
1978	-32	80	-17	-14	-40	-9	na	na	na	na	-21
1979	-7	14	-35	-19	-47	-30	na	na	na	na	-27
1980	-28	17	-37	-10	-68	-17	-43	1	na	-21	-32
1981	-25	76	-35	-15	-61	-27	-43	14	na	6	-29
1982	51	107	22	1	-60	-11	-41	19	7	4	-10
1983	2	4	-26	-17	-64	-25	-57	7	-7	-20	-35
1984	-4	3	-48	-17	-66	-23	-53	36	1	-10	-34
1985	18	3	-45	-28	-59	-14	-27	-23	-9	-37	-33
1986	60	29	-14	30	-56	-15	5	35	-13	34	2
1987	-12	-4	-49	-23	-50	-32	-43	-21	-15	-29	-34
1988	5	-23	-38	-28	-63	-16	-46	-34	-52	-40	-38
1989	-52	-34	-23	-56	-48	-67	-14	55	-8	3	-31
1990	4	-7	-23	-26	-54	-35	-19	22	-48	18	-21
1991	9	-14	-29	-34	-49	-36	-23	-38	12	-24	-30
1992	11	-21	-31	-32	-30	18	20	-47	24	-28	-26
1993	7	42	-15	-24	-40	-6	26	-40	24	-21	-19
1994	-6	25	-18	62	-38	-23	53	-18	55	-11	7
1995	25	4	-5	-3	-25	9	3	6	2	0	-1
1996	15	6	4	-6	-12	8	5	4	2	2	0
1997	19	1	3	2	-2	8	10	4	5	4	4
1998	19	25	15	1	1	4	10	2	-4	-7	4
1999	7	5	2	-1	-13	4	6	6	1	6	2
2000	10	9	5	-2	10	12	4	-1	-5	-1	2
2001	16	-2	-14	-3	3	13	5	6	1	6	1
2002	11	-1	5	-14	-4	8	19	1	4	4	-1
2003	20	-3	-1	0	-1	22	3	6	2	1	2
2004	23	0	3	7	2	1	4	5	0	2	5
2005	19	-1	16	-2	0	7	2	2	3	2	3

Table 2 (continued): Annual distortion estimates, **Brazil**, 1966 to 2005
(b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries
(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables NRA	RRA
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All		
	Inputs	Outputs							
1966	0	-8	-8	-8	-10	44	-8	na	na
1967	0	-6	-6	-6	-8	41	-6	na	na
1968	0	-6	-6	-6	-8	38	-6	na	na
1969	0	-5	-5	-5	-7	43	-5	na	na
1970	0	-9	-9	-9	-14	69	-9	35	-33
1971	0	-8	-8	-8	-13	53	-8	35	-32
1972	0	-35	-35	-35	-38	4	-35	36	-52
1973	0	-36	-36	-36	-44	8	-36	34	-52
1974	0	-49	-49	-49	-57	-1	-49	35	-62
1975	0	-37	-37	-37	-48	4	-37	34	-53
1976	0	-11	-11	-11	-17	12	-11	34	-33
1977	0	-22	-22	-22	-29	11	-22	33	-41
1978	0	-21	-21	-21	-24	-17	-21	39	-43
1979	0	-27	-27	-27	-32	-20	-27	38	-47
1980	5	-36	-32	-29	-33	-28	-29	39	-49
1981	5	-34	-29	-28	-32	-22	-28	35	-46
1982	4	-14	-10	-6	-19	49	-6	32	-29
1983	4	-39	-35	-33	-39	0	-33	31	-49
1984	4	-38	-34	-33	-35	-32	-33	30	-48
1985	3	-35	-33	-31	-35	-26	-31	30	-47
1986	10	-12	-2	2	-6	7	2	38	-26
1987	3	-37	-34	-28	-35	-31	-28	38	-48
1988	11	-49	-38	-28	-41	-29	-28	24	-42
1989	-15	-17	-31	-21	-30	-33	-21	18	-32
1990	3	-24	-21	-13	-22	-20	-13	13	-23
1991	3	-33	-30	-20	-33	-21	-20	11	-28
1992	8	-34	-26	-20	-28	-21	-20	7	-25
1993	5	-24	-19	-14	-25	-3	-14	5	-18
1994	4	2	7	10	14	-14	10	6	4
1995	2	-3	-1	5	-3	4	5	7	-2
1996	5	-4	0	4	-1	8	4	7	-2
1997	4	0	4	11	3	7	11	9	2
1998	5	-1	4	9	1	16	9	9	0
1999	5	-3	2	11	2	4	11	8	3
2000	3	-1	2	6	1	7	6	9	-3
2001	2	-1	1	3	1	13	3	5	-2
2002	3	-3	-1	1	-1	7	1	4	-3
2003	2	0	2	4	2	14	4	4	0
2004	2	4	5	7	4	16	7	4	3
2005	-3	6	3	4	2	14	4	4	1

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 2 (continued): Annual distortion estimates, **Brazil**, 1966 to 2005
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Rice	Wheat	Maize	Soy- bean	Sugar	Cotton	Coffee	Beef	Pig- meat	Poul- try	Non- covered
1966	na	1	20	2	na	9	na	na	na	na	67
1967	na	1	22	2	na	7	na	na	na	na	69
1968	na	2	19	2	na	10	na	na	na	na	67
1969	na	2	21	3	na	10	na	na	na	na	64
1970	na	4	27	6	19	11	na	na	na	na	32
1971	na	5	22	6	21	15	na	na	na	na	31
1972	na	4	14	6	33	10	na	na	na	na	32
1973	9	2	13	11	28	7	na	na	na	na	30
1974	7	3	10	8	36	5	na	na	na	na	31
1975	12	3	10	10	29	3	na	na	na	na	33
1976	13	2	17	17	13	6	na	na	na	na	31
1977	10	2	11	23	16	8	na	na	na	na	32
1978	15	2	15	16	16	6	na	na	na	na	31
1979	11	4	17	16	15	6	na	na	na	na	30
1980	11	2	9	9	14	2	12	10	na	3	27
1981	5	2	11	9	12	3	23	8	na	3	24
1982	6	1	8	9	18	3	9	9	2	3	32
1983	4	1	7	9	19	2	13	8	2	3	32
1984	3	1	12	11	18	3	9	6	2	2	32
1985	3	1	11	11	14	3	14	7	2	1	32
1986	4	2	9	6	13	3	4	7	2	3	46
1987	3	2	9	8	13	2	13	11	2	3	32
1988	4	3	10	12	13	3	10	11	2	3	31
1989	6	2	7	16	7	4	6	6	1	2	42
1990	3	2	9	10	13	3	6	9	5	4	37
1991	5	1	11	9	11	4	6	14	2	6	32
1992	3	1	13	9	10	2	4	15	2	6	35
1993	4	2	11	13	9	1	4	15	2	6	33
1994	4	1	10	9	8	2	8	9	2	5	43
1995	3	1	9	9	10	1	5	18	3	7	33
1996	4	1	9	13	11	2	7	18	3	6	27
1997	4	1	9	16	11	1	7	14	3	7	29
1998	4	1	7	14	10	1	10	13	2	8	30
1999	5	1	9	14	7	2	8	15	3	9	28
2000	3	1	9	16	7	2	7	17	3	8	26
2001	3	1	10	16	7	2	5	15	3	10	27
2002	3	1	9	20	7	2	5	14	3	10	28
2003	4	1	10	24	7	2	3	13	3	9	24
2004	4	2	8	23	6	3	5	14	3	9	23
2005	5	2	6	23	7	2	5	15	4	8	24

^a At farmgate undistorted prices, US\$

Source: Lopes et al. (2007)

Table 3: Annual distortion estimates, **Chile**, 1960 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Wheat	Maize	Sugar	Apple	Grape	Beef	Milk	All
1960	35	-28	na	4	6	-18	209	12
1961	20	-42	na	0	1	-13	204	9
1962	6	-5	na	-1	-2	0	198	16
1963	-7	-18	na	33	34	3	198	13
1964	-3	-4	na	17	18	-16	198	3
1965	22	-2	na	14	11	-21	81	4
1966	52	-27	na	-2	-9	-26	34	1
1967	-7	1	na	37	37	-27	17	-8
1968	-12	-9	na	33	30	-30	15	-14
1969	-19	3	na	31	30	-25	3	-14
1970	-1	-8	na	31	33	-19	39	-2
1971	17	-16	na	49	39	-16	13	1
1972	-6	-9	na	75	57	-38	-15	-16
1973	-68	31	na	11	3	-32	13	-16
1974	-39	-48	na	13	32	-18	13	-19
1975	-35	-51	69	-1	3	-1	25	-13
1976	-23	-19	-9	-1	-1	0	23	-6
1977	96	-17	10	-2	-1	0	0	15
1978	6	2	71	-1	-1	23	9	13
1979	-16	-8	55	-2	-1	0	54	3
1980	1	-13	26	-2	-1	8	17	6
1981	7	-9	-17	-2	-1	-1	-3	-3
1982	6	6	52	-1	-1	-1	-1	3
1983	3	-6	52	-3	-2	-1	-1	2
1984	22	-31	27	-4	-3	30	22	13
1985	20	-28	91	-2	-1	43	80	27
1986	41	-7	63	-1	-1	49	47	36
1987	24	-3	44	-1	-1	27	60	25
1988	-10	5	26	-1	-1	28	27	11
1989	-4	-19	21	-1	-1	18	13	5
1990	8	-28	12	-1	-1	-12	-1	-5
1991	40	-8	24	0	-1	20	10	15
1992	30	2	27	0	-1	31	23	20
1993	25	-4	35	0	-1	21	36	19
1994	35	5	6	0	-1	23	43	20
1995	17	5	-4	0	-1	26	18	13
1996	0	1	4	0	-1	16	9	6
1997	26	-4	13	0	-1	10	22	12
1998	42	3	35	0	-1	3	18	12
1999	40	6	63	0	-1	7	11	13
2000	35	4	54	0	0	6	22	15
2001	1	0	36	0	0	2	10	6
2002	3	3	41	0	0	10	0	6
2003	18	0	26	0	0	3	5	6
2004	2	0	15	0	0	-2	-2	0
2005	4	-2	15	0	0	0	-1	1

Table 3 (continued): Annual distortion estimates, **Chile**, 1960 to 2005
(b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries
(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All		
	Inputs	Outputs							
1960	5	6	8	23	5	15	12	22	-9
1961	3	6	6	21	0	13	9	22	-11
1962	1	15	6	24	-1	20	13	44	-21
1963	1	11	21	35	34	11	18	40	-15
1964	1	2	10	25	17	2	7	40	-24
1965	1	3	9	26	13	5	8	37	-21
1966	-4	4	1	12	-4	3	1	28	-21
1967	-5	-4	17	17	37	-9	6	25	-16
1968	-5	-9	14	14	33	-13	2	26	-20
1969	-7	-8	13	12	30	-14	0	14	-12
1970	-2	0	17	17	32	-2	8	14	-5
1971	-3	4	23	22	48	-2	14	19	-4
1972	-9	-7	24	19	71	-16	11	38	-20
1973	-2	-14	0	2	10	-16	-7	60	-42
1974	-1	-19	10	-1	16	-20	-8	29	-29
1975	-4	-9	0	-4	-1	-11	-8	18	-22
1976	-2	-3	0	0	-1	-5	-4	14	-16
1977	-2	18	3	10	-2	14	9	10	-1
1978	-2	16	4	10	-1	13	8	6	2
1979	-3	6	4	7	-2	7	4	7	-3
1980	-3	9	5	8	-2	9	6	6	0
1981	-3	1	4	3	-2	3	2	5	-3
1982	-3	6	4	5	-1	7	4	5	0
1983	-5	7	7	6	-2	9	5	8	-3
1984	-7	21	11	14	-3	21	13	12	1
1985	-7	34	10	18	-2	28	18	12	5
1986	-6	42	8	19	-1	31	20	10	9
1987	-6	31	8	15	-1	25	16	10	6
1988	-5	15	5	8	-1	13	8	7	2
1989	-5	10	5	5	-1	9	6	7	-1
1990	-5	0	5	1	-1	1	0	7	-6
1991	-5	20	5	9	0	16	9	6	3
1992	-4	23	4	10	0	18	10	5	5
1993	-4	23	5	10	-1	17	10	6	4
1994	-2	22	4	10	-1	17	10	6	5
1995	-2	15	4	8	-1	13	8	5	3
1996	-2	8	5	6	-1	9	6	5	0
1997	-2	14	5	8	-1	13	8	5	2
1998	-2	15	4	9	-1	13	8	6	2
1999	-2	15	4	10	0	13	8	5	3
2000	-2	17	5	10	0	15	8	4	4
2001	-1	7	2	6	0	6	3	3	0
2002	-1	7	1	5	0	5	3	2	0
2003	-1	8	1	5	0	5	3	2	1
2004	-1	1	0	3	0	1	0	1	-1
2005	-1	2	0	3	0	1	0	1	0

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + NRA_{ag}^t) / (100 + NRA_{nonag}^t) - 1]$, where NRA_{ag}^t and NRA_{nonag}^t are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 3 (continued): Annual distortion estimates, **Chile**, 1960 to 2005
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Wheat	Maize	Sugar	Apple	Grape	Beef	Milk	Non- covered	Total
1960	14	4	na	1	1	28	4	48	100
1961	15	5	na	2	1	27	4	46	100
1962	16	3	na	4	1	27	4	45	100
1963	23	4	na	3	1	29	4	36	100
1964	21	4	na	3	1	31	4	36	100
1965	14	4	na	2	1	26	5	48	100
1966	10	4	na	4	1	22	7	53	100
1967	13	4	na	2	1	21	8	52	100
1968	12	3	na	2	1	21	7	54	100
1969	14	1	na	3	1	22	8	51	100
1970	13	3	na	4	1	24	6	50	100
1971	11	3	na	3	1	24	9	50	100
1972	8	2	na	2	1	17	7	62	100
1973	5	3	na	4	1	17	9	61	100
1974	13	5	na	2	0	30	8	41	100
1975	20	8	3	2	1	13	8	45	100
1976	16	3	7	2	1	18	8	46	100
1977	7	3	4	3	1	17	9	56	100
1978	8	2	1	2	1	13	8	64	100
1979	10	4	1	2	1	17	5	60	100
1980	7	3	1	2	1	13	7	65	100
1981	5	3	3	2	1	13	7	65	100
1982	4	3	1	2	1	13	7	69	100
1983	5	5	2	2	1	14	7	64	100
1984	8	8	5	2	2	14	7	55	100
1985	9	7	3	2	2	9	4	64	100
1986	10	4	5	3	2	8	4	64	100
1987	10	3	4	3	3	9	4	64	100
1988	12	3	4	2	2	10	5	62	100
1989	11	5	4	2	2	11	7	57	100
1990	7	5	3	3	3	14	8	57	100
1991	5	3	3	4	2	10	6	66	100
1992	5	3	3	4	4	8	6	68	100
1993	4	3	3	2	4	9	6	69	100
1994	4	3	4	3	3	8	6	69	100
1995	4	3	4	3	3	9	7	67	100
1996	5	4	3	4	4	9	8	64	100
1997	4	2	2	3	5	9	7	67	100
1998	4	2	2	2	5	9	7	68	100
1999	3	2	2	3	5	7	7	71	100
2000	4	1	2	3	4	7	6	73	100
2001	6	2	2	2	3	7	8	70	100
2002	6	2	2	3	4	5	7	71	100
2003	5	3	1	3	4	5	6	72	100
2004	6	3	1	3	4	5	7	70	100
2005	4	3	1	3	5	6	8	69	100

^a At farmgate undistorted prices, US\$

Source: Valdes and Jara (2007)

Table 4: Annual distortion estimates, **Colombia**, 1960 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Rice	Wheat	Maize	Sorghum	Soybean	Palm-oil	Sugar	Cotton	Coffee	Beef	Milk	All
1960	77	37	-19	-4	10	-4	19	6	-20	-2	-3	-6
1961	75	47	8	-4	-1	-4	35	-5	-4	-2	-3	2
1962	48	31	-14	-4	10	-4	45	-13	-3	-2	-3	0
1963	36	18	-7	-4	4	-4	19	2	-16	-2	-3	-4
1964	83	71	19	-4	12	-4	55	8	-18	-2	-3	-2
1965	100	74	-12	-4	12	-4	80	-11	-25	17	-3	1
1966	45	44	-19	-4	0	-4	62	18	-32	-3	-3	-11
1967	6	47	-14	-4	5	-4	79	4	-29	8	-3	-8
1968	10	49	-10	-4	8	-4	82	3	-25	5	-3	-6
1969	0	50	-19	-4	13	-4	6	-2	-22	5	-3	-7
1970	15	48	-22	-4	16	-5	-3	-3	-26	-10	-4	-14
1971	20	25	-19	-6	4	-7	-20	-11	-23	-3	-5	-10
1972	-5	40	-3	15	-9	-3	-38	-10	-22	-14	-4	-14
1973	-38	-6	-12	-4	-41	-4	-55	-10	-21	-12	-4	-18
1974	-50	-14	-35	-15	-17	2	-80	-9	-17	-11	-2	-25
1975	-37	13	-30	-16	-8	0	-79	0	-17	1	-3	-22
1976	-20	11	-25	-16	-4	-3	-53	3	-28	9	-4	-15
1977	19	52	24	23	8	-1	16	-1	-34	19	-4	-17
1978	-12	86	-3	9	8	-3	26	-2	-23	12	-4	-9
1979	3	39	12	26	9	-3	39	1	-35	11	44	-10
1980	-5	32	28	26	17	-1	-53	5	-21	10	49	-5
1981	3	35	20	28	33	-1	-32	11	-20	5	92	2
1982	53	43	26	41	56	-2	101	20	-22	9	110	12
1983	41	40	4	20	35	-3	68	20	-21	6	121	9
1984	51	23	-7	15	57	-5	82	7	-27	-4	112	2
1985	55	19	8	25	53	-4	143	19	-30	4	70	2
1986	49	31	13	18	33	-4	59	36	-24	15	25	-2
1987	30	52	37	49	25	-2	17	7	-5	8	33	9
1988	56	53	7	16	12	-2	23	0	-28	3	-1	-7
1989	18	39	6	11	38	-4	-12	1	-10	-19	-1	-7
1990	10	64	3	5	35	80	-20	-13	-3	-25	-7	-8
1991	4	70	-12	0	19	21	-4	-7	-3	2	0	-1
1992	22	40	-16	4	13	23	3	13	17	47	3	18
1993	29	30	1	8	6	39	51	41	-5	10	35	16
1994	51	21	18	15	14	4	67	1	-36	11	60	6
1995	32	5	3	0	7	6	38	-7	-30	-1	49	1
1996	43	-12	-8	21	-11	20	57	5	-17	29	37	17
1997	79	13	12	18	-10	6	72	3	-26	5	57	8
1998	69	19	24	20	5	3	70	14	-19	5	51	11
1999	64	40	44	51	28	33	94	20	-14	-6	27	12
2000	66	57	39	35	27	51	119	3	-11	-20	113	20
2001	115	22	26	26	23	65	88	22	18	-24	103	25
2002	80	9	4	16	12	41	149	-3	25	-6	134	41
2003	78	4	8	7	-4	45	104	-1	9	17	76	38
2004	66	7	8	18	-26	34	99	7	-4	-11	57	19
2005	55	21	28	40	na	32	78	34	1	-13	84	22

Table 4 (continued): Annual distortion estimates, **Colombia**, 1960 to 2005
(b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries
(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All		
	Inputs	Outputs							
1960	-2	-4	-2	-5	-16	13	-7	19	-22
1961	-2	4	6	4	-3	34	8	20	-9
1962	-2	2	2	1	-3	16	3	19	-14
1963	-2	-2	-2	-3	-12	10	-4	19	-20
1964	-2	0	4	0	-14	41	3	19	-14
1965	-2	3	5	3	-5	34	5	20	-13
1966	-2	-9	-3	-8	-17	11	-9	37	-34
1967	-2	-6	-5	-7	-11	-2	-8	32	-30
1968	-2	-4	-3	-5	-9	4	-5	26	-25
1969	-2	-5	-5	-7	-8	-6	-8	26	-26
1970	-3	-11	-8	-12	-18	-3	-14	29	-33
1971	-3	-7	-6	-9	-13	-1	-10	28	-30
1972	-2	-12	-7	-12	-18	-2	-14	24	-31
1973	-1	-17	-15	-17	-18	-26	-21	23	-35
1974	0	-26	-23	-24	-22	-42	-30	19	-41
1975	-1	-21	-18	-20	-22	-31	-25	18	-36
1976	-2	-14	-12	-14	-16	-20	-17	17	-29
1977	0	-16	-3	-14	-21	21	-16	20	-30
1978	-2	-8	-6	-9	-11	-6	-10	20	-25
1979	-1	-9	-1	-8	-18	21	-8	19	-23
1980	-1	-4	2	-3	-13	24	-3	19	-19
1981	-1	3	7	3	-10	43	4	18	-12
1982	-2	13	13	12	-5	72	14	22	-6
1983	-2	11	11	9	-6	64	11	29	-13
1984	-3	5	6	3	-13	60	5	31	-20
1985	-3	4	6	3	-11	51	4	26	-17
1986	-3	2	3	0	-8	27	0	23	-19
1987	-2	11	8	9	2	34	11	23	-10
1988	-2	-4	-1	-5	-13	13	-5	24	-24
1989	-3	-4	-3	-6	-14	7	-6	22	-23
1990	-3	-6	-3	-4	-15	4	-4	17	-18
1991	-2	2	0	1	-2	1	2	9	-7
1992	-2	19	7	16	25	4	20	6	13
1993	-1	17	10	17	10	28	22	7	13
1994	-1	7	8	10	-9	46	13	8	5
1995	-1	2	5	6	-11	34	8	8	0
1996	-1	19	11	21	12	29	26	8	17
1997	-1	10	10	13	-7	51	16	8	7
1998	-2	13	11	13	-3	50	17	9	8
1999	-2	14	9	13	0	36	16	7	9
2000	-1	21	17	20	16	49	25	7	17
2001	-2	27	21	26	20	67	34	7	24
2002	-2	42	21	34	41	40	45	8	34
2003	-2	39	20	31	37	40	40	7	31
2004	-2	21	14	18	16	35	23	6	16
2005	-1	24	16	20	20	42	28	6	20

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 4 (continued): Annual distortion estimates, **Colombia**, 1960 to 2005
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Rice	Wheat	Maize	Sorghum	Soybean	Palm-oil	Sugar	Cotton	Coffee	Beef	Milk	Non-covered
1960	2	1	6	0	0	0	1	3	26	21	6	34
1961	3	1	5	0	0	0	1	4	22	21	7	36
1962	4	1	4	0	0	0	1	5	23	22	7	33
1963	3	1	5	0	0	0	1	3	21	20	7	39
1964	3	0	5	0	0	0	1	2	25	20	6	37
1965	3	1	5	0	0	0	1	3	23	19	7	38
1966	4	1	5	0	0	0	1	2	25	17	6	38
1967	5	0	4	0	1	0	1	3	22	16	6	41
1968	5	1	4	1	1	0	1	4	23	18	6	37
1969	4	0	4	0	1	0	1	4	22	19	6	37
1970	3	0	4	0	1	0	1	4	27	20	8	32
1971	3	0	4	1	1	0	2	4	21	22	8	34
1972	4	0	3	1	1	0	2	5	19	23	7	34
1973	6	0	4	1	1	0	3	3	20	20	6	35
1974	10	0	3	1	1	0	5	5	12	16	6	41
1975	7	0	3	1	1	0	8	3	15	14	5	41
1976	5	0	3	1	0	0	3	4	26	15	7	35
1977	3	0	2	1	1	0	1	4	52	13	6	16
1978	5	0	2	1	1	0	1	2	37	16	7	26
1979	5	0	3	1	1	1	1	2	37	17	5	28
1980	6	0	3	1	1	1	5	3	31	18	6	26
1981	6	0	3	1	0	1	4	3	28	21	6	28
1982	4	0	3	1	0	1	2	1	29	23	7	30
1983	4	0	3	2	1	1	2	1	31	22	6	28
1984	3	0	3	1	0	1	2	2	28	22	6	31
1985	3	0	2	1	0	1	2	2	31	20	7	30
1986	2	0	2	1	1	1	2	2	38	16	8	27
1987	3	0	2	1	0	1	3	2	26	19	8	33
1988	3	0	2	1	0	1	3	3	27	16	9	34
1989	5	0	3	1	1	1	4	2	17	19	10	36
1990	6	0	3	2	1	1	5	3	18	19	11	30
1991	3	0	3	1	1	1	6	3	18	13	9	43
1992	3	0	2	1	0	1	5	2	14	12	10	49
1993	3	0	2	1	0	1	4	1	14	14	10	50
1994	2	0	2	1	0	1	4	1	21	13	8	48
1995	2	0	2	1	0	1	5	1	21	14	8	46
1996	3	0	2	1	0	1	5	1	16	16	11	44
1997	2	0	1	0	0	1	3	1	21	14	8	47
1998	3	0	1	0	0	2	3	0	20	15	9	47
1999	4	0	2	0	0	2	3	1	16	17	12	45
2000	3	0	2	0	0	1	3	1	16	18	7	48
2001	3	0	2	0	0	1	4	1	12	23	9	45
2002	4	0	3	0	0	2	3	0	12	19	8	48
2003	4	0	3	1	0	2	4	1	14	15	11	45
2004	4	0	3	0	0	2	3	1	13	19	12	42
2005	2	0	2	0	na	1	3	1	11	14	7	59

^a At farmgate undistorted prices, US\$

Source: Guteman (2007)

Table 5: Annual distortion estimates, **Dominican Republic**, 1955 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Rice	Sugar	Coffee	Banana	Bean	Garlic	Onion	Tomato	Poultry	All
1955	87	-43	-69	-37	14	566	159	-21	163	-22
1956	131	-28	-65	-27	57	221	260	-18	170	-9
1957	99	-48	-69	-24	28	100	197	-25	159	-22
1958	60	-21	-71	-22	48	192	193	-11	178	-3
1959	43	-10	-65	-23	17	84	136	-35	172	1
1960	51	-34	-63	-21	39	344	246	-18	171	-7
1961	62	-29	-39	-28	28	390	161	-24	177	1
1962	150	-29	-33	-26	37	383	127	17	150	-8
1963	116	-42	-32	-29	37	200	153	-24	141	-17
1964	100	-7	-32	-31	91	246	158	33	121	5
1965	37	36	-32	-30	39	225	161	20	89	13
1966	11	6	-30	-43	64	129	72	-23	91	1
1967	19	7	-36	-28	61	164	76	60	78	6
1968	37	-1	-35	-38	55	146	215	86	34	6
1969	26	-6	-36	-18	47	164	276	60	24	0
1970	27	-2	-64	-44	127	10	26	123	184	-14
1971	21	0	-45	-18	17	29	53	82	40	-2
1972	13	-8	-55	-31	-9	33	20	79	21	-14
1973	-26	-27	-49	24	-9	51	70	113	72	-22
1974	-9	-53	-35	51	-2	57	16	-20	101	-37
1975	-4	-60	-1	109	63	44	54	251	82	-43
1976	-6	-11	-41	21	50	29	12	191	-10	-14
1977	30	16	-75	-34	65	110	83	30	-11	-20
1978	8	26	-65	-32	53	152	30	25	-11	-17
1979	16	18	-64	-36	40	89	217	120	-16	-13
1980	-13	-35	-47	-54	28	130	209	58	-19	-26
1981	45	-53	-25	-53	129	224	162	182	65	-21
1982	41	-32	-44	-49	84	123	66	39	-6	-14
1983	-12	-58	-67	-59	20	12	30	-14	-11	-41
1984	5	-76	-72	-53	71	14	42	-33	-25	-52
1985	68	-64	-61	-29	82	204	180	26	4	-25
1986	12	-68	-65	-48	49	130	268	83	-25	-41
1987	-28	-69	-48	-51	14	19	67	91	-49	-43
1988	-12	-58	-37	-58	54	145	128	119	-21	-25
1989	29	-82	-61	-63	9	198	-3	86	-41	-48
1990	86	-74	-42	-67	65	-19	108	103	-30	-20
1991	142	-74	-15	-54	110	239	77	60	-18	-12
1992	249	-66	-10	-52	132	374	253	123	-5	13
1993	204	-64	0	-44	206	260	214	98	-20	16
1994	72	9	-46	-45	210	285	334	93	-21	-1
1995	87	7	-27	-18	143	250	109	156	-23	9
1996	62	2	-14	-44	97	97	58	8	32	13
1997	53	15	-30	-15	90	246	177	8	28	8
1998	60	10	-19	-35	83	72	149	42	14	10
1999	77	-7	-15	-42	7	384	68	-53	8	6
2000	115	18	-11	-61	82	528	73	-38	6	20
2001	125	6	-43	-68	105	552	98	-8	3	9
2002	95	18	-36	-69	69	418	59	-34	5	3
2003	16	-21	-41	-80	31	108	42	-16	-15	-24
2004	61	-3	-2	-65	113	204	98	6	5	5
2005	105	73	-13	-57	197	306	276	1	36	28

* Cassava has a zero NRA throughout the period.

Table 5 (continued): Annual distortion estimates, **Dominican Republic**, 1955 to 2005 (b)
 Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and
 import-competing^b agricultural industries, and relative^c to non-agricultural industries
 (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1955	0	-22	-22	-22	-50	96	-23	8	-29
1956	0	-9	-9	-9	-39	134	-10	8	-16
1957	0	-22	-22	-22	-50	107	-24	7	-29
1958	0	-3	-3	-3	-33	94	-3	8	-10
1959	0	1	1	1	-25	70	1	8	-6
1960	0	-7	-7	-7	-35	86	-8	8	-14
1961	0	1	1	1	-30	92	1	8	-6
1962	0	-8	-8	-8	-30	134	-9	8	-15
1963	0	-17	-17	-17	-39	115	-18	8	-24
1964	0	5	5	5	-19	111	5	8	-3
1965	0	13	13	13	-7	54	14	9	5
1966	0	1	1	1	-15	35	1	9	-8
1967	0	6	6	6	-7	39	7	9	-2
1968	0	6	6	6	-11	43	6	9	-3
1969	0	0	0	0	-14	33	-1	9	-9
1970	0	-14	-14	-14	-30	46	-15	9	-22
1971	0	-2	-2	-2	-11	24	-2	9	-10
1972	0	-14	-14	-14	-23	11	-15	9	-22
1973	0	-22	-22	-22	-28	-11	-23	9	-30
1974	0	-37	-37	-37	-49	3	-39	9	-44
1975	0	-43	-43	-43	-54	20	-44	9	-48
1976	0	-14	-14	-14	-21	0	-14	10	-22
1977	0	-20	-20	-20	-42	30	-22	11	-30
1978	0	-17	-17	-17	-33	15	-18	11	-25
1979	0	-13	-13	-13	-31	14	-13	11	-22
1980	0	-26	-26	-26	-40	-4	-27	11	-34
1981	0	-21	-21	-21	-48	65	-22	9	-28
1982	0	-14	-14	-14	-37	38	-14	11	-22
1983	0	-41	-41	-41	-60	-6	-42	12	-48
1984	0	-52	-52	-52	-74	9	-53	9	-57
1985	0	-25	-25	-25	-62	59	-26	9	-32
1986	0	-41	-41	-41	-65	11	-42	10	-47
1987	0	-43	-43	-43	-58	-26	-44	10	-49
1988	0	-25	-25	-25	-47	0	-26	10	-33
1989	0	-48	-48	-48	-73	-11	-49	12	-54
1990	0	-20	-20	-20	-61	36	-21	11	-28
1991	0	-12	-12	-12	-52	61	-13	10	-21
1992	0	13	13	13	-46	111	13	9	4
1993	0	16	16	16	-40	94	17	9	7
1994	0	-1	-1	-1	-25	47	-1	8	-8
1995	0	9	9	9	-14	45	9	8	1
1996	0	13	13	13	-11	56	13	7	6
1997	0	8	8	8	-13	54	9	7	2
1998	0	10	10	10	-10	44	11	4	7
1999	0	6	6	6	-19	43	6	4	2
2000	0	20	20	20	-12	59	21	4	16
2001	0	9	9	9	-33	63	10	5	5
2002	0	3	3	3	-32	51	3	4	-1
2003	0	-24	-24	-24	-49	4	-25	4	-28
2004	0	5	5	5	-22	41	5	4	1
2005	0	28	28	28	-10	81	30	4	25

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 5 (continued): Annual distortion estimates, **Dominican Republic**, 1955 to 2005: (c)
Value shares of primary production of covered^a and non-covered products,
(percent)

	Rice	Sugar	Coffee	Ban- ana	Bean	Cass- ava	Garlic	Onion	Tom- ato	Poultry	Non- covered
1955	3	17	10	4	2	2	0	0	0	2	60
1956	3	15	9	6	1	4	0	0	0	2	60
1957	3	19	8	4	1	3	0	0	0	2	60
1958	5	15	7	6	1	3	0	0	0	2	60
1959	6	14	6	8	2	2	0	0	0	2	60
1960	5	17	5	8	1	2	0	0	0	2	60
1961	6	14	5	9	1	2	0	0	0	2	60
1962	2	22	7	5	1	2	0	0	0	2	60
1963	2	22	7	4	1	2	0	0	0	2	60
1964	3	15	11	4	1	2	0	0	0	2	60
1965	8	8	11	5	2	3	0	0	0	3	60
1966	8	12	9	4	1	3	0	0	1	2	60
1967	7	13	9	2	1	2	0	0	2	2	60
1968	7	12	9	3	1	2	0	0	2	3	60
1969	7	15	9	2	1	2	0	0	1	3	60
1970	6	13	14	3	1	2	0	0	1	1	60
1971	6	15	9	2	1	2	0	0	2	1	60
1972	5	15	11	2	2	2	0	0	2	1	60
1973	7	16	10	1	2	2	0	0	1	1	60
1974	6	26	4	0	1	1	0	0	0	1	60
1975	3	31	3	0	1	1	0	0	0	1	60
1976	8	15	10	1	1	2	0	0	0	3	60
1977	5	9	16	1	1	4	0	0	0	3	60
1978	7	9	16	0	2	2	0	0	0	3	60
1979	8	9	14	1	2	2	0	0	0	5	60
1980	8	14	10	0	2	2	0	0	0	4	60
1981	6	24	5	1	1	1	0	0	0	2	60
1982	6	15	11	1	2	1	0	0	0	3	60
1983	9	18	7	1	2	1	1	0	0	3	60
1984	6	23	5	1	1	1	0	0	0	2	60
1985	7	17	9	1	2	2	0	0	0	3	60
1986	6	13	13	1	1	1	0	0	0	4	60
1987	8	11	10	2	2	1	1	0	0	5	60
1988	5	7	11	4	2	1	0	1	0	9	60
1989	5	14	7	2	2	1	0	0	0	9	60
1990	7	11	9	3	2	1	0	1	0	7	60
1991	5	14	8	3	1	2	0	0	0	6	60
1992	5	12	7	5	2	2	0	0	0	7	60
1993	6	11	6	4	2	2	0	1	0	8	60
1994	5	9	12	4	1	2	0	0	0	6	60
1995	6	7	14	2	1	2	0	1	0	7	60
1996	7	10	11	3	1	2	0	1	0	4	60
1997	6	9	14	2	1	2	0	0	0	4	60
1998	6	8	14	1	1	2	0	0	0	7	60
1999	6	7	10	5	2	2	0	1	1	7	60
2000	7	7	9	4	1	2	0	1	0	9	60
2001	6	7	7	6	1	2	0	1	0	9	60
2002	6	6	9	7	1	2	0	1	1	8	60
2003	6	6	8	7	1	1	0	1	0	9	60
2004	8	6	9	7	1	2	0	1	0	7	60
2005	8	4	11	6	1	2	0	0	0	7	60

^a At farmgate undistorted prices, US\$

Source: de los Santos and Pablo Peña (2007)

Table 6: Annual distortion estimates, **Ecuador**, 1966 to 2003
(a) Nominal rates of assistance to covered products
(percent)

	Rice	Maize	Soybean	Sugar	Coffee	Cocoa	Banana	Beef	Pigmeat	Poultry	Milk	All
1966	-5	26	42	1	-20	25	-31	0	2	289	-22	-12
1967	-26	26	51	-5	-17	13	-35	-13	15	322	-25	-16
1968	1	42	58	-7	-16	7	-35	-13	17	289	-4	-11
1969	4	19	52	-28	-23	-23	-38	-20	-9	240	-5	-20
1970	16	-15	20	-45	-37	-26	-38	-22	-7	189	17	-22
1971	6	53	-43	-38	-43	-18	-56	-21	19	239	-26	-32
1972	8	83	3	-34	-45	-15	-56	-24	-16	266	-47	-35
1973	-31	39	-43	-57	-35	7	-48	-31	-31	160	-46	-32
1974	-38	39	25	-61	-48	-29	-45	-49	-34	289	-39	-37
1975	-26	52	41	-63	-49	5	-54	96	-28	223	1	-26
1976	7	57	34	-28	-72	4	-54	99	-21	262	19	-24
1977	10	87	15	19	-79	-41	-52	96	-5	277	21	-32
1978	-4	89	35	59	-54	-21	-50	101	2	257	11	-12
1979	4	64	24	120	-56	-14	-52	-16	6	251	61	-10
1980	-10	63	27	-31	-23	-1	-56	-15	18	220	68	-7
1981	-5	50	23	-29	-43	-15	-62	58	47	440	80	4
1982	38	62	23	40	-54	-1	-20	125	40	446	63	25
1983	46	91	15	-27	-47	21	-35	83	29	249	39	17
1984	55	47	-28	-30	-30	-24	-22	59	32	222	41	11
1985	94	55	16	70	-46	-12	-40	97	45	218	54	15
1986	81	39	40	30	-29	-7	-46	76	0	99	29	6
1987	-18	72	16	-42	-1	-10	-42	35	-19	120	19	0
1988	-23	27	-39	-28	-54	-21	-51	-14	-18	58	40	-16
1989	-6	4	-10	-35	-13	-18	-9	13	16	33	-22	-9
1990	-16	7	7	-32	5	-20	-7	-19	-22	26	-25	-12
1991	-30	10	1	-15	-22	-18	-11	-11	-27	30	17	-9
1992	-17	9	-5	-35	-25	-33	-15	-21	-31	6	-4	-16
1993	-3	28	-5	-15	1	-8	-3	23	-11	15	24	5
1994	35	38	-7	21	-37	-4	-7	-4	-9	24	35	0
1995	31	23	-2	0	14	-17	-11	-2	-8	43	19	6
1996	37	5	-16	42	-6	-9	-7	7	-31	41	-7	0
1997	73	29	-1	33	-40	-3	-22	5	-34	38	2	-7
1998	54	51	-12	41	-40	-13	-24	35	14	24	32	7
1999	-19	42	-6	28	-36	-17	-19	-19	5	-4	-13	-15
2000	28	48	-6	22	-30	-4	-35	1	12	9	-4	-4
2001	92	55	35	-15	13	-11	-3	49	39	29	16	19
2002	12	56	26	38	13	-3	8	53	93	90	7	28
2003	27	41	-6	7	4	-9	1	24	58	-30	16	6

Table 6 (continued): Annual distortion estimates, **Ecuador**, 1966 to 2003
(b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries
(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1966	0	-12	0	-7	-14	-5	-12	2	-13
1967	0	-16	0	-10	-21	-8	-16	1	-18
1968	0	-11	0	-7	-19	6	-11	2	-13
1969	0	-20	0	-13	-28	-1	-20	-1	-19
1970	0	-22	0	-15	-34	7	-22	1	-22
1971	0	-32	0	-23	-44	-6	-32	-2	-30
1972	0	-35	0	-25	-41	-25	-35	-4	-32
1973	0	-32	0	-23	-35	-27	-32	-5	-28
1974	0	-37	0	-26	-46	-21	-37	-6	-33
1975	0	-26	0	-18	-47	8	-26	-1	-25
1976	0	-24	0	-17	-49	28	-24	3	-26
1977	0	-32	0	-24	-56	36	-32	6	-36
1978	0	-12	0	-9	-33	31	-12	7	-18
1979	0	-10	0	-7	-32	29	-10	9	-17
1980	0	-7	0	-5	-28	30	-7	2	-9
1981	0	4	0	2	-46	61	4	11	-6
1982	0	25	0	15	-26	80	25	16	8
1983	0	17	0	10	-29	51	17	8	8
1984	0	11	0	7	-27	47	11	9	2
1985	0	15	0	10	-27	76	15	15	0
1986	0	6	0	5	-28	45	6	12	-5
1987	0	0	0	0	-17	11	0	6	-6
1988	0	-16	0	-12	-45	7	-16	6	-21
1989	0	-9	0	-7	-14	-5	-9	3	-12
1990	0	-12	0	-10	-8	-16	-12	-1	-11
1991	0	-9	0	-8	-14	-5	-9	3	-12
1992	0	-16	0	-14	-20	-12	-16	-1	-15
1993	0	5	0	4	-3	13	5	4	1
1994	0	0	0	0	-10	15	0	7	-7
1995	0	6	0	5	1	11	6	7	-1
1996	0	0	0	0	0	0	0	5	-5
1997	0	-7	-2	-6	-15	7	-8	5	-12
1998	0	7	-3	4	-14	30	4	9	-4
1999	0	-15	-3	-13	-18	-9	-15	3	-18
2000	0	-4	-4	-1	-19	7	-3	5	-8
2001	0	19	-3	15	2	32	17	10	7
2002	0	28	-3	22	5	41	26	13	12
2003	0	6	-3	5	-1	10	5	7	-1

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 6 (continued): Annual distortion estimates, **Ecuador**, 1966 to 2003
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Rice	Maize	Soybean	Sugar	Coffee	Cocoa	Banana	Beef	Pigmeat	Poultry	Milk	Non-covered
1966	4	1	0	7	10	5	18	4	3	0	12	36
1967	4	1	0	6	9	5	19	4	3	0	13	36
1968	3	1	0	8	8	6	20	4	3	1	11	36
1969	4	1	0	7	7	7	22	5	3	1	11	33
1970	3	1	0	6	9	7	23	5	3	1	11	31
1971	2	2	0	7	8	6	27	5	3	1	14	26
1972	2	1	0	6	8	7	21	4	3	1	16	30
1973	4	3	0	5	7	8	18	5	5	1	16	29
1974	6	3	0	11	8	8	14	5	3	1	13	29
1975	7	3	0	14	7	7	16	2	4	1	11	28
1976	5	2	0	5	19	8	15	2	4	1	9	30
1977	4	1	0	4	24	16	12	2	3	1	8	25
1978	3	1	1	3	15	18	12	2	4	1	10	29
1979	4	2	1	3	18	14	11	6	4	1	8	28
1980	6	2	1	8	11	12	13	5	4	1	7	32
1981	7	2	1	4	11	4	13	5	4	1	9	40
1982	4	2	1	3	13	4	10	4	5	1	11	42
1983	4	2	0	4	14	5	6	5	5	2	12	41
1984	4	3	1	3	15	12	5	5	5	2	11	33
1985	3	2	1	2	18	15	5	4	5	2	10	33
1986	5	2	1	3	21	8	8	4	5	3	11	29
1987	8	2	2	4	12	7	9	5	6	3	13	29
1988	11	2	3	3	20	7	5	6	4	3	15	23
1989	9	2	2	4	12	5	17	5	4	3	17	21
1990	7	2	2	4	10	5	21	6	5	3	17	19
1991	7	2	2	3	8	4	27	11	7	4	10	16
1992	8	2	2	4	6	4	27	10	6	4	14	15
1993	8	2	2	3	6	3	25	9	6	4	14	18
1994	6	1	1	2	15	3	23	9	4	4	12	19
1995	6	2	1	3	13	3	24	10	4	4	14	16
1996	5	2	1	2	11	3	26	8	5	5	15	17
1997	4	2	0	1	7	3	35	7	5	6	12	18
1998	5	0	0	3	4	2	28	9	5	5	14	23
1999	7	1	0	2	5	3	32	10	4	7	14	16
2000	7	2	1	3	5	3	18	12	7	10	15	17
2001	3	2	1	3	2	2	29	11	6	8	17	16
2002	4	1	1	2	1	4	25	13	5	6	18	20
2003	4	1	1	2	1	4	23	13	5	15	14	18

^a At farmgate undistorted prices, US\$

Source: Valenzuela, Sandri and Wong (2007)

Table 7: Annual distortion estimates, **Mexico**, 1979 to 2004
(a) Nominal rates of assistance to covered products
(percent)

	Rice	Wheat	Mai ze	Sorghum	Barley	Soybean	Sugar	Coffee	Bean	Tomato	Beef	Pigmeat	Poultry	Egg	Milk	All
1979	-9	-13	-10	-25	-40	-2	0	-12	15	-55	-17	-13	188	-10	115	-3
1980	-16	-6	14	8	-9	25	-52	-7	15	-52	-9	-11	156	24	144	5
1981	-17	17	58	4	18	44	-2	-84	-12	-20	16	-6	178	32	220	26
1982	-4	-7	39	14	-48	29	0	-93	2	-43	-8	-33	158	-10	83	-3
1983	-30	-3	1	-20	51	31	4	-93	244	24	-50	-50	101	-16	59	-21
1984	31	42	19	12	71	104	22	-95	1	2	-38	-18	82	-29	204	0
1985	89	121	16	11	11	73	21	7	46	-51	-2	-9	108	-5	324	22
1986	-33	20	18	6	7	30	21	-68	-29	-35	-15	-57	44	-21	165	-8
1987	-22	18	64	18	-42	60	-5	-70	-31	-55	-33	-51	122	-1	105	-10
1988	-44	29	4	-13	-11	10	-19	-84	-21	-35	-13	4	99	10	40	-8
1989	-17	4	16	-14	-28	20	-13	-33	-53	-53	26	10	108	-15	93	10
1990	-11	48	27	-13	-21	7	18	-6	-17	-27	34	-6	161	-11	265	23
1991	9	77	42	4	50	73	85	-13	4	-57	32	1	136	-11	129	24
1992	15	47	30	0	47	30	88	-26	-11	39	43	16	81	2	116	38
1993	55	64	30	5	40	26	86	-28	-10	-31	48	4	103	15	195	34
1994	33	72	10	-16	25	-6	54	-45	-20	-41	30	17	90	15	170	25
1995	4	0	-14	-1	-40	-15	-15	-55	-45	-72	-20	-23	10	-15	24	-19
1996	8	30	-20	-21	-12	-10	33	-22	-21	-45	13	-22	10	-11	34	-7
1997	-4	17	-17	-19	-13	-16	41	-32	7	-32	31	-10	28	-6	63	5
1998	-1	40	-5	-15	4	-4	56	-32	-2	-33	24	9	24	-22	87	10
1999	12	38	-7	-18	-11	19	126	1	-4	-11	10	23	16	-27	95	12
2000	27	60	9	-6	-4	-8	105	-35	12	-18	12	-2	55	-21	85	17
2001	60	86	11	-11	2	21	97	-34	41	-41	-1	4	42	-13	96	16
2002	69	60	-6	-9	-8	-6	69	-28	-13	-39	14	23	72	-20	107	17
2003	17	51	-11	-11	-23	5	67	-27	-15	-47	-16	5	42	-16	79	1
2004	14	49	-18	-22	-1	-25	70	-45	-27	-40	-23	-13	27	-9	61	-6

Table 7 (continued): Annual distortion estimates, **Mexico**, 1979 to 2004
(b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries
(percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables NRA		RRA
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All			
	Inputs	Outputs								
1979	4	-7	7	-1	-28	13	-1	8	-9	
1980	6	-1	24	9	-23	23	9	10	0	
1981	11	15	39	30	-18	48	30	10	18	
1982	7	-11	-8	-4	-38	13	-4	9	-12	
1983	6	-27	-9	-19	-50	-3	-19	4	-22	
1984	9	-8	11	3	-47	26	3	4	-1	
1985	9	13	43	26	-21	46	27	6	19	
1986	5	-13	-3	-7	-29	3	-7	2	-9	
1987	5	-15	-1	-8	-46	15	-8	3	-11	
1988	4	-11	-2	-7	-38	13	-7	5	-11	
1989	4	5	12	10	-6	19	10	4	6	
1990	8	15	35	26	6	35	27	5	21	
1991	3	20	20	23	-17	46	23	5	17	
1992	3	35	48	41	38	43	42	6	34	
1993	6	28	33	34	2	51	34	6	27	
1994	6	19	21	30	-6	40	30	7	22	
1995	2	-22	-15	-15	-45	-7	-15	2	-17	
1996	2	-9	-3	-3	-18	-2	-3	2	-5	
1997	1	4	7	9	-6	10	9	4	5	
1998	1	8	11	13	-9	19	13	4	9	
1999	1	10	16	17	-1	21	17	4	13	
2000	1	16	15	20	-5	28	20	6	14	
2001	2	14	9	19	-20	31	19	7	11	
2002	2	15	4	18	-13	26	19	7	11	
2003	3	-2	-4	4	-30	16	4	7	-3	
2004	2	-9	-10	-4	-31	6	-4	6	-10	

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 7 (continued): Annual distortion estimates, **Mexico**, 1979 to 2004
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Rice	Wh- eat	Mai- ze	Sor- ghu- m	Soy- bean	Barl- ey	Su- gar	Coff- ee	Bea- n	To- mat- o	Beef	Pig- mea- t	Poul- try	Egg	Mil- k	Non cove- red
1979	1	4	11	4	2	1	3	1	3	7	23	14	2	4	6	17
1980	1	4	14	4	1	1	7	0	3	5	19	11	2	3	5	22
1981	1	4	13	5	1	1	4	3	5	4	15	11	1	3	4	26
1982	1	5	8	3	1	1	3	4	2	6	17	17	2	4	6	20
1983	1	3	13	4	1	0	3	4	1	3	22	16	2	4	5	20
1984	0	4	13	4	1	0	2	4	2	3	18	15	3	5	3	23
1985	1	3	16	5	1	1	3	1	2	6	17	13	3	5	3	22
1986	1	4	11	4	1	1	3	2	4	6	19	13	4	7	3	18
1987	1	3	8	4	1	1	4	3	3	10	20	12	3	5	3	19
1988	1	3	10	5	0	0	4	7	2	5	21	9	2	5	5	21
1989	1	5	10	4	2	1	5	1	3	6	20	7	3	6	4	24
1990	0	3	13	4	1	1	4	1	6	5	16	8	3	6	2	27
1991	0	3	11	3	1	0	2	1	4	11	16	8	3	5	4	28
1992	0	3	16	4	1	0	3	0	3	5	16	7	4	5	5	29
1993	0	3	16	2	1	0	3	0	5	10	14	6	3	5	3	29
1994	0	3	15	2	1	0	4	1	4	6	16	6	4	5	4	29
1995	0	3	16	3	0	1	5	1	4	9	16	6	5	5	5	20
1996	0	3	17	5	0	1	3	1	4	8	11	7	6	6	6	21
1997	0	3	15	4	0	1	4	1	3	7	12	8	6	6	5	25
1998	0	2	13	4	0	0	3	1	4	7	13	6	8	6	5	27
1999	0	2	13	3	0	0	2	1	3	7	15	5	8	7	5	28
2000	0	2	11	3	0	1	2	1	2	7	15	7	7	7	6	28
2001	0	2	11	3	0	1	3	0	2	6	16	7	8	7	5	28
2002	0	2	13	3	0	1	3	0	4	6	15	6	7	7	5	28
2003	0	2	12	3	0	1	3	0	3	6	18	6	7	7	5	26
2004	0	1	13	3	0	1	3	0	3	7	20	7	8	6	5	24

^a At farmgate undistorted prices, US\$

Source: Soloaga and Lara (2007)

Table 8: Annual distortion estimates, **Nicaragua**, 1991 to 2004

(a) Nominal rates of assistance to covered products

(percent)

	Rice	Mai- ze	Sor- ghum	Soy- bean	Grou- ndnut	Ses- ame	Sugar	Cof- fee	Bean	Beef	Poul- try	Milk	All
1991	-10	2	-33	31	0	-39	2	-44	10	-10	94	65	-8
1992	-6	17	-13	52	-1	-42	44	-26	-11	-15	97	18	-6
1993	3	30	-14	8	-15	12	43	-20	86	-19	82	12	1
1994	-25	30	-19	10	-21	27	55	-42	-23	-27	70	19	-15
1995	16	0	-24	15	-30	-38	50	-62	-10	-21	86	26	-14
1996	-5	15	-25	-38	-18	-31	74	-37	-17	-38	33	6	-18
1997	23	26	-5	-37	-35	-15	62	-53	-12	-35	33	-12	-20
1998	32	31	0	-21	-37	-45	60	-59	13	-35	30	39	-16
1999	28	20	-4	0	-15	-42	60	-43	-7	-26	22	8	-13
2000	71	57	8	-5	-18	-47	52	-31	-16	-28	32	17	-6
2001	49	12	0	-2	-45	-30	35	-14	-31	-27	14	8	-11
2002	61	13	-23	-21	-30	-39	43	-7	-17	-24	33	-15	-8
2003	21	-12	-15	-30	-42	-43	35	-44	-34	-17	na	7	-16
2004	34	9	-20	-53	-37	-43	35	-19	-4	-16	na	na	-9

Table 8 (continued): Annual distortion estimates, **Nicaragua**, 1991 to 2004
 (b) Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and import-competing^b agricultural industries, and relative^c to non-agricultural industries
 (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All		
	Inputs	Outputs							
1991	-3	-5	-8	-5	-15	12	-5	7	-12
1992	-3	-2	-7	-2	-14	13	-2	7	-9
1993	-3	4	-1	5	-8	19	5	7	-2
1994	-3	-12	-17	-10	-24	6	-10	7	-16
1995	-3	-12	-19	-9	-29	22	-9	6	-14
1996	-2	-15	-21	-15	-28	4	-15	5	-19
1997	-2	-18	-23	-15	-33	15	-15	6	-20
1998	-2	-14	-20	-12	-31	30	-12	6	-17
1999	-2	-11	-15	-6	-24	17	-6	8	-13
2000	-2	-3	-6	-1	-19	52	-1	6	-6
2001	-3	-8	-10	-4	-20	24	-4	6	-10
2002	-3	-5	-8	-3	-18	31	-3	5	-8
2003	-3	-13	-14	-10	-19	0	-10	6	-15
2004	-3	-6	-7	-2	-14	16	-2	6	-8

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 8 (continued): Annual distortion estimates, **Nicaragua**, 1991 to 2004
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Rice	Maize	Sorghum	Soybean	Groundnut	Sesame	Sugar	Coffee	Bean	Beef	Poultry	Milk	Non-covered
1991	8	4	2	0	0	2	3	11	4	40	2	3	20
1992	10	5	2	0	0	2	3	7	4	42	2	4	18
1993	12	6	2	0	1	1	3	6	4	44	3	5	13
1994	11	4	2	1	1	1	3	9	6	43	3	4	13
1995	10	5	1	1	2	3	3	17	4	33	3	4	15
1996	9	7	2	1	2	2	3	11	8	33	3	5	14
1997	10	4	1	1	2	1	3	16	6	36	3	4	13
1998	10	4	1	1	2	1	2	17	9	34	3	3	13
1999	7	4	1	0	3	0	2	18	9	33	4	8	10
2000	6	5	1	0	3	1	2	14	11	36	4	8	8
2001	6	5	1	0	3	0	2	7	11	37	6	10	11
2002	7	6	2	0	3	0	2	6	9	40	5	11	10
2003	5	6	1	0	3	1	3	8	10	38	na	9	16
2004	5	5	1	0	4	1	3	6	8	41	na	na	24

^a At farmgate undistorted prices, US\$

Source: Berthelon, Kruger and Saavedra (2007)

Table 9: Annual distortion estimates for **Latin America**, 1955 to 2005
(a) Nominal rates of assistance to covered products
(percent)

	Rice	Wh- eat	Maize	Sorg- hum	Bar- ley	Soy- bean	Groun- dnut	Palm- oil	Sunfl- ower	Ses- ame	Sugar	Cot- ton	Cof- fee
1955	87	na	na	na	na	na	na	na	na	na	-43	na	-69
1956	131	na	na	na	na	na	na	na	na	na	-28	na	-65
1957	99	na	na	na	na	na	na	na	na	na	-48	na	-69
1958	60	na	na	na	na	na	na	na	na	na	-21	na	-71
1959	43	na	na	na	na	na	na	na	na	na	-10	na	-65
1960	70	-22	-27	-4	na	10	na	-4	na	na	-22	6	-21
1961	72	-9	-12	-4	na	-1	na	-4	na	na	-11	-5	-6
1962	61	-12	-6	-4	na	10	na	-4	na	na	-18	-13	-5
1963	48	-11	0	-4	na	4	na	-4	na	na	-33	2	-17
1964	86	-1	6	-4	na	12	na	-4	na	na	10	8	-19
1965	83	-11	-9	-4	na	12	na	-4	na	na	53	-11	-26
1966	29	14	-6	-4	na	0	na	-4	na	na	14	-11	-31
1967	2	9	-16	-4	na	1	na	-4	na	na	14	-3	-28
1968	14	-15	-12	-4	na	1	na	-4	na	na	11	-6	-25
1969	5	-8	-9	-4	na	2	na	-4	na	na	-9	-5	-23
1970	18	4	-14	-4	na	-1	na	-5	na	na	-31	2	-30
1971	19	15	-3	-6	na	7	na	-7	na	na	-39	-7	-26
1972	0	-11	6	15	na	-1	na	-3	na	na	-72	-8	-27
1973	4	-41	-11	-4	na	-25	na	-4	na	na	-78	-1	-25
1974	-16	-43	-19	-15	na	-4	na	2	na	na	-87	4	-22
1975	-10	-7	-15	-16	na	-6	na	0	na	na	-80	-7	-19
1976	-2	2	-16	-16	na	-16	na	-3	na	na	-34	-7	-35
1977	-8	44	-5	23	na	-22	na	-1	-24	na	-49	-24	-40
1978	-28	19	-14	9	na	-14	na	-3	-36	na	-33	-8	-27
1979	-5	-5	-22	-18	-40	-16	na	-3	-23	na	-33	-25	-37
1980	-25	-2	-10	10	-9	-8	na	-1	-25	na	-62	-11	-34
1981	-16	23	0	6	18	-11	na	-1	-9	na	-50	-20	-41
1982	48	13	21	19	-48	-1	na	-2	-26	na	-48	-8	-40
1983	8	-14	-13	-14	51	-16	na	-3	-33	na	-54	-19	-48
1984	10	8	-22	13	71	-16	na	-5	-24	na	-56	-19	-48
1985	34	35	-17	12	11	-22	na	-4	-25	na	-45	-10	-28
1986	48	11	-6	7	7	6	na	-4	-32	na	-41	-9	-23
1987	-8	3	-12	22	-42	-18	na	-2	-22	na	-40	-25	-33
1988	5	-2	-17	-9	-11	-22	na	-2	-14	na	-48	-12	-47
1989	-39	-16	-11	-11	-28	-50	na	-4	-39	na	-38	-62	-14
1990	7	1	-3	-10	-21	-27	na	80	-39	na	-41	-31	-13
1991	9	24	1	3	50	-20	0	21	-13	-39	-27	-30	-14
1992	18	13	-2	0	47	-20	-1	23	-10	-42	-9	16	13
1993	17	31	8	5	40	-17	-15	39	-4	12	-10	3	8
1994	7	23	-4	-11	25	36	-21	4	-14	27	-11	-20	9
1995	28	1	-8	-2	-40	-5	-30	6	-23	-38	-15	6	-18
1996	22	4	-8	-19	-12	-6	-18	20	-17	-31	1	7	-6
1997	32	-2	-6	-16	-13	0	-35	6	-11	-15	11	7	-13
1998	30	7	3	-14	4	-3	-37	3	-18	-45	14	5	-5
1999	17	8	-1	-16	-11	-4	-15	33	-29	-42	23	5	-5
2000	29	9	6	-4	-4	-4	-18	51	-27	-47	36	11	-6
2001	48	14	-1	-9	2	-3	-45	65	-20	-30	29	13	5
2002	32	-2	-4	-8	-8	-21	-30	41	-41	-39	26	7	16
2003	28	-4	-8	-10	-23	-13	-42	45	-36	-43	19	21	0
2004	31	-7	-9	-21	-1	-8	-37	34	-35	-43	22	1	0
2005	27	-15	3	40	na	-13	na	32	-40	na	8	9	1

Continued over

Table 9(a) (continued):

	Cocoa	Apple	Ban- ana	Grape	Bean	Garlic	Onion	Tom- ato	Beef	Pig- meat	Poul- try	Egg	Milk
1955	na	na	-37	na	14	566	159	-21	na	na	163	na	na
1956	na	na	-27	na	57	221	260	-18	na	na	170	na	na
1957	na	na	-24	na	28	100	197	-25	na	na	159	na	na
1958	na	na	-22	na	48	192	193	-11	na	na	178	na	na
1959	na	na	-23	na	17	84	136	-35	na	na	172	na	na
1960	na	4	-21	6	39	344	246	-18	-26	na	171	na	27
1961	na	0	-28	1	28	390	161	-24	-26	na	177	na	26
1962	na	-1	-26	-2	37	383	127	17	-27	na	150	na	26
1963	na	33	-29	34	37	200	153	-24	-25	na	141	na	22
1964	na	17	-31	18	91	246	158	33	-16	na	121	na	20
1965	na	14	-30	11	39	225	161	20	-21	na	89	na	14
1966	25	-2	-32	-9	64	129	72	-23	-19	2	147	na	0
1967	13	37	-34	37	61	164	76	60	-24	15	147	na	-4
1968	7	33	-35	30	55	146	215	86	-25	17	88	na	1
1969	-23	31	-36	30	47	164	276	60	-25	-9	75	na	-2
1970	-26	31	-37	33	127	10	26	123	-20	-7	187	na	8
1971	-18	49	-53	39	17	29	53	82	-11	19	115	na	-5
1972	-15	75	-53	57	-9	33	20	79	-26	-16	108	na	-17
1973	7	11	-43	3	-9	51	70	113	-28	-31	117	na	-12
1974	-29	13	-42	32	-2	57	16	-20	-22	-34	192	na	-9
1975	5	-1	-51	3	63	44	54	251	-32	-28	145	na	3
1976	4	-1	-51	-1	50	29	12	191	-6	-21	64	na	5
1977	-41	-2	-51	-1	65	110	83	30	-13	-5	89	na	2
1978	-21	-1	-49	-1	53	152	30	25	-1	2	78	na	1
1979	-14	-2	-52	-1	17	89	217	-55	-6	-13	164	-10	85
1980	-1	-2	-56	-1	15	130	209	-52	-2	-10	21	24	96
1981	-15	-2	-62	-1	-9	224	162	-20	-5	-4	49	32	139
1982	-1	-1	-22	-1	7	123	66	-42	-8	-24	48	-10	80
1983	21	-3	-37	-2	211	12	30	24	-22	-41	18	-16	70
1984	-24	-4	-26	-3	5	14	42	2	-11	-13	29	-29	136
1985	-12	-2	-38	-1	49	204	180	-51	-8	-7	25	-5	78
1986	-7	-1	-47	-1	-27	130	268	-35	5	-46	38	-21	53
1987	-10	-1	-43	-1	-29	19	67	-55	-17	-41	16	-1	61
1988	-21	-1	-53	-1	-17	145	128	-35	-14	-9	5	10	24
1989	-18	-1	-13	-1	-51	198	-3	-53	14	5	32	-15	23
1990	-20	-1	-11	-1	-16	-19	108	-27	8	-27	54	-11	38
1991	-18	0	-13	-1	6	239	77	-57	-4	2	21	-11	42
1992	-33	0	-18	-1	-6	374	253	39	0	15	6	2	33
1993	-8	0	-6	-1	-3	260	214	-31	0	9	15	15	57
1994	-4	0	-10	-1	-16	285	334	-40	5	31	19	15	57
1995	-17	0	-11	-1	-39	250	109	-71	-1	-11	4	-15	23
1996	-9	0	-9	-1	-19	97	58	-45	8	-14	7	-11	19
1997	-3	0	-21	-1	7	246	177	-32	8	-6	15	-6	33
1998	-13	0	-24	-1	1	72	149	-33	6	4	5	-22	39
1999	-17	0	-21	-1	-4	384	68	-11	4	14	10	-27	33
2000	-4	0	-38	0	7	528	73	-18	0	-2	20	-21	49
2001	-11	0	-9	0	28	552	98	-41	-1	5	21	-13	50
2002	-3	0	-1	0	-12	418	59	-39	5	20	31	-20	57
2003	-9	0	-8	0	-17	108	42	-47	-3	7	11	-16	38
2004	na	0	-65	0	-22	204	98	-40	-8	-8	11	-9	32
2005	na	0	-57	0	197	306	276	1	-2	3	3	na	20

* Cassava has a zero NRA throughout the period.

Table 9 (continued): Annual distortion estimates for **Latin America**, 1955 to 2005 (b)
 Nominal and relative rates of assistance to all^a agricultural products, to exportable^b and
 import-competing^b agricultural industries, and relative^c to non-agricultural industries
 (percent)

	Total ag NRA				Ag tradables NRA			Non-ag tradables	
	Covered products		Non-covered products	All products (incl NPS)	Export-ables	Import-competing	All	NRA	RRA
	Inputs	Outputs							
1955	0	-22	-22	-22	-50	96	-23	8	-29
1956	0	-9	-9	-9	-39	134	-10	8	-16
1957	0	-22	-22	-22	-50	107	-24	7	-29
1958	0	-3	-3	-3	-33	94	-3	8	-10
1959	0	1	1	1	-25	70	1	8	-6
1960	0	-17	-6	-13	-27	22	-17	26	-34
1961	-1	-12	0	-7	-21	30	-10	23	-27
1962	-1	-12	-4	-9	-22	27	-12	27	-31
1963	-1	-13	-5	-9	-21	20	-13	29	-33
1964	-1	-5	1	-2	-12	32	-4	30	-26
1965	-1	-11	1	-5	-15	23	-8	30	-30
1966	-1	-9	-6	-7	-12	12	-8	34	-32
1967	-1	-13	-3	-8	-12	3	-9	33	-32
1968	-1	-13	-4	-8	-13	4	-10	30	-31
1969	-1	-12	-4	-8	-12	1	-10	30	-31
1970	-1	-13	-6	-11	-16	10	-12	29	-32
1971	-1	-10	-2	-7	-11	8	-8	29	-29
1972	-1	-26	-14	-21	-27	-7	-24	27	-40
1973	0	-31	-22	-28	-34	-9	-30	28	-45
1974	0	-42	-34	-39	-46	-17	-41	26	-53
1975	0	-35	-28	-32	-42	-4	-34	25	-47
1976	0	-15	-10	-13	-19	3	-14	25	-31
1977	0	-20	-15	-19	-26	15	-19	24	-35
1978	-1	-15	-12	-15	-18	-10	-15	24	-32
1979	1	-14	-9	-11	-21	2	-12	18	-25
1980	4	-19	-10	-12	-24	3	-13	21	-28
1981	5	-17	-4	-8	-26	24	-8	19	-22
1982	4	-12	-6	-5	-21	27	-5	20	-21
1983	3	-27	-19	-21	-34	6	-22	17	-33
1984	4	-23	-16	-16	-31	8	-17	17	-29
1985	3	-15	-8	-9	-28	23	-9	16	-22
1986	5	-11	-3	-3	-13	9	-3	21	-20
1987	2	-22	-17	-15	-29	0	-16	19	-29
1988	5	-25	-17	-15	-30	0	-15	15	-26
1989	-7	-11	-20	-12	-25	-7	-13	13	-23
1990	3	-12	-5	-3	-18	11	-3	10	-11
1991	2	-8	-6	-2	-21	18	-2	8	-9
1992	4	-1	3	6	-7	19	6	6	0
1993	3	0	3	7	-11	30	7	6	1
1994	3	6	8	12	4	19	13	7	6
1995	1	-7	-1	0	-9	4	0	6	-6
1996	2	-3	2	3	-3	5	3	6	-2
1997	1	1	5	7	-2	14	8	7	0
1998	1	3	6	8	-3	22	8	8	1
1999	1	2	7	9	-2	17	9	6	3
2000	1	5	8	10	-1	23	10	7	2
2001	0	6	6	9	-2	30	10	6	3
2002	1	2	1	5	-6	25	6	5	1
2003	1	-3	-2	0	-8	15	0	5	-4
2004	1	-4	-2	-1	-7	9	-1	4	-5
2005	-2	1	3	1	-3	22	1	3	-2

^a NRAs including assistance to nontradables and non-product specific assistance.

^b NRAs including products specific input subsidies.

^c The Relative Rate of Assistance (RRA) is defined as $100 * [(100 + \text{NRA}_{\text{ag}}^t) / (100 + \text{NRA}_{\text{nonag}}^t) - 1]$, where NRA_{ag}^t and $\text{NRA}_{\text{nonag}}^t$ are the percentage NRAs for the tradables parts of the agricultural and non-agricultural sectors, respectively.

Table 9 (continued): Annual distortion estimates for **Latin America**, 1955 to 2005
(c) Value shares of primary production of covered^a and non-covered products,
(percent)

	Rice	Wheat	Maize	Sorghum	Soybean	Sun- flower	Sugar	Cotton	Coffee	Cocoa
1955	3	na	na	na	na	na	17	na	10	na
1956	3	na	na	na	na	na	15	na	9	na
1957	3	na	na	na	na	na	19	na	8	na
1958	5	na	na	na	na	na	15	na	7	na
1959	6	na	na	na	na	na	14	na	6	na
1960	1	10	7	0	0	na	2	1	11	na
1961	2	8	8	0	0	na	1	2	10	na
1962	2	8	7	0	0	na	3	2	10	na
1963	2	9	7	0	0	na	3	1	9	na
1964	1	12	7	0	0	na	2	1	11	na
1965	2	12	7	0	0	na	1	1	9	na
1966	1	4	12	0	1	na	1	4	6	0
1967	1	4	14	0	1	na	1	3	6	0
1968	2	6	11	0	1	na	1	5	6	0
1969	1	5	11	0	1	na	1	5	6	0
1970	1	6	13	0	2	na	7	4	8	0
1971	1	5	12	0	2	na	8	6	6	0
1972	1	4	9	0	2	na	15	5	5	0
1973	6	5	10	0	5	na	14	4	4	0
1974	6	6	9	0	5	na	22	3	2	0
1975	8	4	8	0	6	na	19	2	3	0
1976	8	3	12	0	9	na	9	4	7	0
1977	6	3	8	0	13	0	9	5	12	1
1978	8	3	10	0	9	1	8	3	10	1
1979	4	4	10	1	7	1	6	2	7	0
1980	6	4	9	1	5	0	9	1	10	0
1981	3	3	10	1	5	0	8	2	14	0
1982	3	3	7	1	5	1	9	1	9	0
1983	2	3	8	1	5	1	9	1	11	0
1984	2	3	10	1	7	1	9	2	9	0
1985	2	2	11	1	7	1	8	2	11	0
1986	2	3	8	1	5	1	7	2	8	0
1987	2	3	7	1	6	1	8	1	10	0
1988	2	3	8	1	8	1	7	1	10	0
1989	4	3	7	1	11	1	5	2	5	0
1990	2	3	9	1	8	1	8	2	5	0
1991	3	3	8	1	6	1	6	2	5	0
1992	2	3	10	1	6	1	6	1	4	0
1993	2	3	10	1	7	1	5	1	4	0
1994	2	2	9	1	7	1	5	1	7	0
1995	2	3	9	1	6	1	6	1	6	0
1996	2	3	10	1	8	1	6	1	6	0
1997	2	3	8	1	9	1	6	0	6	0
1998	2	2	7	1	9	1	5	0	7	0
1999	3	2	8	1	8	2	4	1	5	0
2000	2	3	8	1	10	1	4	1	5	0
2001	2	3	8	1	10	1	4	1	3	0
2002	2	4	8	1	13	1	4	1	3	0
2003	2	3	9	1	17	1	4	1	2	0
2004	2	3	8	1	16	1	3	1	3	na
2005	3	3	5	0	21	1	5	1	5	na

Continued over

Table 9(c) (continued): ...

	Apple	Banana	Bean	Cassava	Tomato	Beef	Pigmeat	Poultry	Egg	Milk	Non-covered
1955	na	4	2	2	0	na	na	2	na	na	60
1956	na	6	1	4	0	na	na	2	na	na	60
1957	na	4	1	3	0	na	na	2	na	na	60
1958	na	6	1	3	0	na	na	2	na	na	60
1959	na	8	2	2	0	na	na	2	na	na	60
1960	0	1	0	0	0	29	na	0	na	3	34
1961	0	1	0	0	0	31	na	0	na	3	33
1962	0	0	0	0	0	30	na	0	na	3	34
1963	0	0	0	0	0	30	na	0	na	3	35
1964	0	0	0	0	0	28	na	0	na	3	34
1965	0	0	0	0	0	29	na	0	na	3	35
1966	0	1	0	0	0	16	0	0	na	3	49
1967	0	1	0	0	0	14	0	0	na	3	51
1968	0	1	0	0	0	15	0	0	na	3	48
1969	0	1	0	0	0	16	0	0	na	3	49
1970	0	2	0	0	0	17	0	0	na	3	36
1971	0	1	0	0	0	18	0	0	na	3	37
1972	0	1	0	0	0	16	0	0	na	3	37
1973	0	1	0	0	0	13	0	0	na	2	35
1974	0	0	0	0	0	9	0	0	na	2	34
1975	0	1	0	0	0	11	0	0	na	1	36
1976	0	1	0	0	0	9	0	0	na	2	34
1977	0	1	0	0	0	9	0	0	na	2	30
1978	0	1	0	0	0	10	0	0	na	2	32
1979	4	0	1	0	2	16	4	1	1	3	29
1980	0	0	1	0	1	16	3	2	1	2	28
1981	0	0	1	0	1	16	3	2	1	2	28
1982	0	0	1	0	1	17	5	2	1	3	30
1983	0	0	0	0	1	17	5	2	1	2	30
1984	0	0	0	0	1	14	4	2	1	2	30
1985	0	0	1	0	1	12	4	2	1	2	30
1986	0	0	1	0	1	14	4	2	2	2	35
1987	0	0	1	0	2	16	4	2	1	2	30
1988	0	0	1	0	1	15	3	2	1	3	30
1989	0	0	1	0	1	13	2	2	1	3	37
1990	0	1	2	0	1	13	4	3	1	3	33
1991	0	1	1	0	3	15	3	3	1	4	33
1992	0	1	1	0	1	16	3	3	1	5	35
1993	0	1	1	0	3	15	3	3	1	4	34
1994	0	1	1	0	1	12	2	3	1	4	39
1995	0	1	1	0	2	16	3	4	1	4	32
1996	0	1	1	0	2	15	3	4	1	5	28
1997	0	1	1	0	2	13	3	4	1	5	31
1998	0	1	1	0	2	13	2	5	1	5	33
1999	0	1	1	0	2	15	2	6	2	5	32
2000	0	1	1	0	2	16	3	6	2	5	31
2001	0	1	1	0	2	15	4	6	2	5	31
2002	0	1	1	0	2	13	3	6	2	4	31
2003	0	1	1	0	2	13	3	6	2	4	28
2004	0	0	1	0	2	15	3	6	2	4	28
2005	0	0	0	0	0	13	2	5	na	3	33

* Barley, groundnut, sesame, palmoil, grape, onion and garlic are omitted due to very low shares (<0.5 percent of the gross value of regional production).

^a At farmgate undistorted prices, US\$

Sources: Sturzenegger and Salazni (2007); Lopes et al. (2007); Valdés and Jara (2007); Guterman (2007); de los Santos and Pablo Peña (2007); Valenzuela, Wong and Sandri (2007); Soloaga. and Lara (2007); Berthelon, Kruger and Saavedra (2007).

Table 10: Annual distortion estimates of nominal rates of assistance to non-agricultural industries by trade status, Latin American countries, 1955 to 2005
(percent)

	Argentina			Brazil			Chile			Colombia		
	Import-ables	Export-ables	Total tradables	Import-ables	Export-ables	Total tradables	Import-ables	Export-ables	Total tradables	Import-ables	Export-ables	Total tradables
1955	na	na	na	na	na	na	na	na	na	na	na	na
1956	na	na	na	na	na	na	na	na	na	na	na	na
1957	na	na	na	na	na	na	na	na	na	na	na	na
1958	na	na	na	na	na	na	na	na	na	na	na	na
1959	na	na	na	na	na	na	na	na	na	na	na	na
1960	103	-3	66	na	na	na	38	0	22	44	0	19
1961	100	-3	63	na	na	na	38	0	22	44	1	20
1962	97	-2	61	na	na	na	77	0	44	43	1	19
1963	94	-2	59	na	na	na	69	0	40	43	0	19
1964	91	-2	58	na	na	na	69	0	40	44	0	19
1965	88	-2	56	na	na	na	63	0	37	44	1	20
1966	86	-2	54	na	na	na	48	0	28	61	1	37
1967	83	-1	53	na	na	na	43	0	25	54	2	32
1968	80	-1	50	na	na	na	45	0	26	49	2	26
1969	78	-1	48	na	na	na	24	0	14	49	1	26
1970	70	-1	43	52	0	35	24	0	14	55	1	29
1971	63	-1	38	51	0	35	32	0	19	55	1	28
1972	57	-1	35	53	0	36	66	0	38	51	0	24
1973	51	0	31	50	0	34	105	0	60	47	0	23
1974	46	-1	28	48	0	35	51	0	29	37	-2	19
1975	41	-1	24	47	0	34	32	0	18	38	-1	18
1976	37	-1	21	46	0	34	25	0	14	35	-1	17
1977	36	0	21	44	0	33	17	0	10	36	1	20
1978	35	-1	20	52	0	39	10	0	6	35	1	20
1979	35	-1	19	51	0	38	13	0	7	33	1	19
1980	34	-1	19	53	-2	39	10	0	6	33	-2	19
1981	33	1	19	47	-2	35	9	0	5	32	0	18
1982	32	-1	17	44	-1	32	8	0	5	34	2	22
1983	31	-2	17	42	-1	31	15	0	8	43	2	29
1984	31	-3	16	41	-2	30	22	0	12	50	2	31
1985	30	-4	16	40	-2	30	23	0	12	45	2	26
1986	29	-3	16	51	-1	38	18	0	10	48	1	23
1987	29	-1	16	51	-1	38	18	0	10	50	0	23
1988	28	1	17	34	-1	24	14	0	7	47	0	24
1989	25	1	15	26	-5	18	14	0	7	45	0	22
1990	22	3	12	24	-14	13	14	0	7	38	0	17
1991	19	4	11	17	-5	11	11	0	6	26	0	9
1992	18	4	11	13	-9	7	10	0	5	12	0	6
1993	17	4	10	11	-7	5	10	0	6	12	1	7
1994	16	6	11	14	-12	6	10	0	6	13	1	8
1995	16	6	11	15	-7	7	10	0	5	13	0	8
1996	16	6	10	13	-2	7	10	0	5	13	1	8
1997	16	5	10	14	0	9	10	0	5	14	1	8
1998	17	6	11	15	0	9	11	0	6	14	1	9
1999	17	6	11	13	-2	8	10	0	5	14	2	7
2000	15	6	10	13	1	9	8	0	4	14	2	7
2001	15	5	9	8	1	5	6	0	3	14	2	7
2002	14	-2	3	7	0	4	5	0	2	14	4	8
2003	14	-2	3	7	0	4	3	0	2	13	2	7
2004	14	-1	4	7	1	4	2	0	1	13	2	6
2005	14	-2	3	6	0	4	2	0	1	13	2	6

Table 10 (cont.): Annual distortion estimates of nominal rates of assistance to non-agricultural industries by trade status, Latin American countries, 1955 to 2005
(percent)

	Dominican Republic			Ecuador			Mexico			Nicaragua		
	Import-ables	Export-ables	Total tradables	Import-ables	Export-ables	Total tradables	Import-ables	Export-ables	Total tradables	Import-ables	Export-ables	Total tradables
1955	20	0	8	na	na	na	na	na	na	na	na	na
1956	20	0	8	na	na	na	na	na	na	na	na	na
1957	20	0	7	na	na	na	na	na	na	na	na	na
1958	20	0	8	na	na	na	na	na	na	na	na	na
1959	20	0	8	na	na	na	na	na	na	na	na	na
1960	20	0	8	na	na	na	na	na	na	na	na	na
1961	20	0	8	na	na	na	na	na	na	na	na	na
1962	20	0	8	na	na	na	na	na	na	na	na	na
1963	20	0	8	na	na	na	na	na	na	na	na	na
1964	20	0	8	na	na	na	na	na	na	na	na	na
1965	20	0	9	na	na	na	na	na	na	na	na	na
1966	25	-3	9	8	-2	2	na	na	na	na	na	na
1967	27	-4	9	9	-3	1	na	na	na	na	na	na
1968	26	-3	9	14	-3	2	na	na	na	na	na	na
1969	27	-4	9	13	-8	-1	na	na	na	na	na	na
1970	28	-3	9	13	-6	1	na	na	na	na	na	na
1971	27	-3	9	8	-7	-2	na	na	na	na	na	na
1972	26	-3	9	-1	-6	-4	na	na	na	na	na	na
1973	27	-3	9	-3	-6	-5	na	na	na	na	na	na
1974	27	-3	9	-1	-8	-6	na	na	na	na	na	na
1975	29	-4	9	12	-6	-1	na	na	na	na	na	na
1976	30	-5	10	18	-5	3	na	na	na	na	na	na
1977	38	-8	11	21	-5	6	na	na	na	na	na	na
1978	33	-7	11	19	-1	7	na	na	na	na	na	na
1979	36	-8	11	19	1	9	12	0	8	na	na	na
1980	35	-8	11	19	-7	2	12	0	10	na	na	na
1981	24	-2	9	35	-6	11	12	0	10	na	na	na
1982	38	-9	11	43	-3	16	12	0	9	na	na	na
1983	43	-12	12	35	-11	8	12	0	4	na	na	na
1984	23	-2	9	35	-10	9	12	0	4	na	na	na
1985	23	-2	9	47	-11	15	12	0	6	na	na	na
1986	23	-2	10	36	-7	12	12	0	2	na	na	na
1987	23	-2	10	25	-8	6	12	0	3	na	na	na
1988	26	-3	10	24	-8	6	12	0	5	na	na	na
1989	40	-11	12	15	-5	3	12	0	4	na	na	na
1990	30	-6	11	6	-6	-1	12	0	5	na	na	na
1991	23	-2	10	12	-3	3	12	0	5	11	0	7
1992	20	0	9	6	-7	-1	13	0	6	11	0	7
1993	18	2	9	12	-2	4	13	0	6	11	0	7
1994	16	2	8	14	-1	7	13	0	7	11	0	7
1995	17	1	8	15	-3	7	12	0	2	10	0	6
1996	12	2	7	9	-1	5	12	0	2	8	0	5
1997	11	3	7	10	-2	5	21	0	4	8	1	6
1998	8	0	4	18	-3	9	19	0	4	9	1	6
1999	8	0	4	5	-1	3	21	0	4	11	1	8
2000	8	0	4	9	0	5	18	0	6	8	1	6
2001	10	0	5	16	0	10	18	0	7	8	1	6
2002	9	0	4	20	1	13	17	0	7	7	1	5
2003	9	0	4	10	1	7	17	0	7	8	1	6
2004	9	0	4	na	na	na	15	0	6	9	1	6
2005	9	0	4	na	na	na	na	na	na	na	na	na

Source: Spreadsheets of authors of Chapters 2-9 of Anderson and Valdés (2008).

Table 11: Gross subsidy equivalents of assistance to farmers, Latin American countries, 1960 to 2005^a

(US\$ million)

ISO Code	AR	BR	CL	CO	DO	EC	MX	NI	Total
1960	-428	na	90	-65	-20	na	na	na	-423
1961	-356	na	87	50	2	na	na	na	-217
1962	-405	na	100	8	-30	na	na	na	-327
1963	-342	na	118	-50	-62	na	na	na	-335
1964	-215	na	107	9	16	na	na	na	-84
1965	-464	na	141	45	36	na	na	na	-242
1966	-217	-247	91	-138	2	-37	na	na	-545
1967	-407	-188	129	-125	17	-51	na	na	-625
1968	-469	-179	115	-89	16	-34	na	na	-639
1969	-474	-144	95	-129	-2	-64	na	na	-717
1970	-424	-217	132	-265	-62	-78	na	na	-913
1971	-267	-215	195	-188	-9	-109	na	na	-594
1972	-564	-1613	200	-304	-77	-141	na	na	-2498
1973	-1206	-2965	19	-570	-165	-152	na	na	-5037
1974	-1616	-7646	-7	-1090	-411	-250	na	na	-11019
1975	-1968	-5720	-38	-888	-655	-190	na	na	-9458
1976	-724	-1124	-3	-676	-126	-191	na	na	-2844
1977	-1009	-3483	153	-895	-159	-334	na	na	-5727
1978	-765	-2733	145	-553	-149	-120	na	na	-4176
1979	-516	-3907	131	-548	-101	-102	-190	na	-5233
1980	-396	-9164	201	-231	-342	-78	1590	na	-8420
1981	-2333	-9458	102	260	-422	36	5731	na	-6084
1982	-2071	-1621	127	904	-158	213	-653	na	-3259
1983	-2163	-8466	129	701	-444	123	-3026	na	-13145
1984	-1924	-9792	256	254	-786	106	525	na	-11361
1985	-1148	-8830	317	217	-329	152	4192	na	-5429
1986	-1213	579	397	-27	-563	70	-1028	na	-1785
1987	-770	-8401	361	614	-423	4	-1250	na	-9866
1988	-678	-6997	201	-386	-237	-200	-1102	na	-9399
1989	-1849	-10242	155	-450	-509	-134	1882	na	-11147
1990	-1999	-4213	24	-275	-238	-175	4961	na	-1915
1991	-519	-5593	329	142	-152	-175	4819	-39	-1189
1992	-297	-5462	438	1445	141	-307	8429	-17	4369
1993	39	-4152	414	1496	190	106	7413	42	5548
1994	-282	4466	457	1204	-15	-2	6471	-98	12201
1995	-469	2045	428	853	130	141	-3334	-92	-298
1996	-467	1678	339	2342	185	-4	-764	-168	3141
1997	-491	4169	476	1593	140	-234	2166	-187	7632
1998	-789	3761	491	1555	164	117	3068	-147	8220
1999	-628	3185	485	1096	93	-356	3837	-71	7641
2000	-625	1877	551	1619	273	-23	4792	-10	8454
2001	-304	922	279	2018	145	467	4935	-54	8409
2002	-3433	318	265	2403	40	733	4608	-42	4891
2003	-4251	1530	254	1966	-350	169	1116	-150	284
2004	-4430	3236	166	1522	75	na	-1146	-27	-604
2005	-4930	2404	203	2737	520	na	na	na	933

Source: Spreadsheets of authors of Chapters 2-9 of Anderson and Valdés (2008).

Table 12: Share of regional value of agricultural production, Latin American studied countries, 1960 to 2004^a

(percent)

ISO Code	AR	BR	CL	CO	DO	EC	MX	NI	TOTAL, studied countries
1960	38.8	na	11.7	41.5	8.1	na	na	na	100.0
1961	37.1	na	12.9	42.9	7.0	na	na	na	100.0
1962	38.3	na	11.3	40.5	9.9	na	na	na	100.0
1963	39.8	na	9.4	40.6	10.2	na	na	na	100.0
1964	40.8	na	9.6	42.0	7.6	na	na	na	100.0
1965	44.5	na	12.3	37.1	6.1	na	na	na	100.0
1966	20.7	38.0	9.5	21.6	3.8	6.4	na	na	100.0
1967	18.7	40.9	9.2	22.0	3.4	5.8	na	na	100.0
1968	21.1	36.1	10.2	23.0	3.6	6.0	na	na	100.0
1969	23.6	35.8	8.9	22.2	4.0	5.5	na	na	100.0
1970	27.5	27.4	8.8	25.3	5.0	6.0	na	na	100.0
1971	26.9	29.6	9.6	24.0	4.7	5.1	na	na	100.0
1972	19.5	39.8	9.1	22.2	4.6	4.9	na	na	100.0
1973	22.9	45.5	5.6	18.3	4.1	3.7	na	na	100.0
1974	17.8	55.1	4.1	15.8	3.9	3.3	na	na	100.0
1975	19.7	53.3	3.1	15.2	5.2	3.5	na	na	100.0
1976	12.6	50.0	5.4	22.3	4.3	5.4	na	na	100.0
1977	16.1	51.9	4.8	20.2	2.6	4.5	na	na	100.0
1978	19.2	45.2	5.2	22.5	3.1	4.7	na	na	100.0
1979	16.8	31.1	4.0	15.3	1.7	3.0	28.1	na	100.0
1980	11.0	45.3	3.7	11.1	1.9	2.4	24.6	na	100.0
1981	13.1	43.7	4.0	9.9	2.5	2.0	24.7	na	100.0
1982	14.1	41.0	4.1	12.0	1.9	2.3	24.6	na	100.0
1983	13.5	41.3	3.3	12.2	1.7	2.0	25.9	na	100.0
1984	14.3	43.3	2.7	10.8	2.2	2.1	24.6	na	100.0
1985	9.6	45.9	2.9	11.1	2.2	2.5	25.8	na	100.0
1986	11.7	42.7	3.6	12.3	2.3	2.6	24.8	na	100.0
1987	10.2	47.0	3.8	11.2	1.5	2.2	24.2	na	100.0
1988	12.4	39.7	4.0	13.0	1.5	2.6	26.7	na	100.0
1989	9.5	54.9	3.2	9.0	1.2	2.0	20.3	na	100.0
1990	11.5	44.7	4.2	10.2	1.6	2.5	25.3	na	100.0
1991	10.8	37.6	5.1	12.7	1.6	3.0	28.2	1.0	100.0
1992	12.5	36.5	5.9	12.1	1.5	3.0	27.4	1.0	100.0
1993	12.2	37.9	5.3	11.3	1.5	3.0	27.7	1.0	100.0
1994	11.3	44.7	4.6	11.7	1.6	3.1	22.1	1.0	100.0
1995	12.9	41.3	5.3	13.3	1.5	3.0	21.8	1.0	100.0
1996	14.2	40.0	5.2	10.7	1.4	3.5	23.9	1.1	100.0
1997	14.6	38.1	5.4	12.3	1.6	3.7	23.0	1.2	100.0
1998	15.6	39.7	5.4	11.5	1.5	2.6	22.5	1.2	100.0
1999	15.3	34.5	6.0	10.1	1.9	3.3	27.5	1.4	100.0
2000	15.2	36.7	6.1	9.4	1.6	2.6	27.1	1.4	100.0
2001	15.9	34.4	5.3	8.6	1.8	3.5	29.2	1.4	100.0
2002	16.6	35.5	5.5	7.8	1.7	3.7	27.9	1.4	100.0
2003	18.3	38.7	5.0	6.0	1.4	3.6	25.6	1.4	100.0
2004	17.0	41.1	5.4	7.1	1.3	na	26.9	1.2	100.0

^a The shares of studied countries in part (a) have been ‘scaled down’ in part (b) to account for the fact that the studied countries are not all countries of the region, the assumption being that the share for the non-studied group of countries at undistorted prices is the same as its share of regional agricultural value added at distorted prices (from the World Bank’s *World Development Indicators*).

Source: Spreadsheets of authors of Chapters 2-9 of Anderson and Valdés (2008).

Table 13: Summary of NRA data for studied Latin American countries

Country	ISO Code	Max. number of years	Maximum number of products	Number of NRA observations	2000-04		
					Weighted average NRA ^a	Standard deviation NRA ^a	Gross value of production ^b
Argentina	AR	46	6	213	-14.9	12.6	16.2
Brazil	BR	40	10	331	4.1	7.6	36.6
Chile	CL	46	7	307	5.8	13.3	5.3
Colombia	CO	46	11	505	25.9	46.0	7.5
Dominican Rep.	DO	51	10	510	2.5	132.8	1.5
Ecuador	EC	38	11	418	10.1	29.6	3.1
Mexico	MX	26	15	390	11.6	41.1	26.6
Nicaragua	NI	14	12	165	-4.2	27.7	1.3
All LA studied countries^c		51	27	2839	4.8	23.9	98.1

^a Weighted average NRA and standard deviation NRA for covered products, in percent, using the gross value of production at undistorted prices as weights.

^b Gross value of production at undistorted prices, in current US\$ billions.

^c The regional averages are weighted using the 5-year average annual value of production by country.

Source: Chapters 2-9 of Anderson and Valdés (2008).

Table 14: Summary of NRA data by major product, Latin American region, 2000-04

Product	Number of countries	2000-04		Gross value of production ^a	Countries included (by ISO Code)
		Unweighed average NRA, %	Weighted Average NRA, %		
Apple	1	-0.2	-0.2	0.15	CL
Banana	2	-43.7	-24.3	0.69	DO, EC
Barley	1	-6.8	-6.8	0.18	MX
Bean	3	19.8	-3.3	0.88	DO, MX, NI
Beef	7	-0.7	-1.3	14.30	AR, BR, CL, CO, EC, MX, NI
Cassava	1	0.0	0.0	0.02	DO
Cocoa	1	-6.7	-6.7	0.08	EC
Coffee	6	-11.9	3.3	3.20	BR, CO, DO, EC, MX, NI
Cotton	2	8.4	10.7	0.86	BR, CO
Egg	1	-15.7	-15.7	1.84	MX
Garlic	1	361.9	361.9	0.00	DO
Grape	1	-0.4	-0.4	0.20	CL
Groundnut	1	-34.5	-34.5	0.04	NI
Maize	7	7.4	-3.1	8.07	AR, BR, CL, CO, EC, MX, NI
Milk	6	35.1	45.3	4.26	AR, CL, CO, EC, MX, NI
Onion	1	74.0	74.0	0.01	DO
Palmoil	1	47.4	47.4	0.14	CO
Pigmeat	3	14.3	4.5	2.93	BR, EC, MX
Poultry	5	18.2	18.8	5.78	BR, DO, EC, MX, NI
Rice	6	50.7	33.7	1.87	BR, CO, DO, EC, MX, NI
Sesame	1	-40.5	-40.5	0.01	NI
Sorghum	3	-0.4	-10.3	0.87	CO, MX, NI
Soybean	6	-6.0	-9.9	13.00	AR, BR, CO, EC, MX, NI
Sugar	7	41.6	26.5	3.71	BR, CL, CO, DO, EC, MX, NI
Sunflower	1	-31.9	-31.9	0.91	AR
Tomato	2	-27.5	-37.0	1.68	DO, MX
Wheat	5	15.3	2.0	2.91	AR, BR, CL, CO, MX
All covered products	8	4.1	2.7	68.6	

^a Gross value of production at undistorted prices (US\$billion).

Table 15: Shares of global production, consumption and trade of covered products, Latin American countries, 2000-2004

(percent)

(a) Production (Q) and consumption (C) volume

		Argentina	Brazil	Chile	Colombia	Dominican Rep.	Ecuador	Mexico	Nicaragua	Total, studied countries	Total, World
Apple	C			0.1						0.1	100.0
	Q			1.9						1.9	100.0
Banana	C					0.5	2.4			2.9	100.0
	Q					0.6	8.4			9.0	100.0
Barley	C							0.8		0.8	100.0
	Q							0.6		0.6	100.0
Bean	C					0.3		7.1	0.9	8.3	100.0
	Q					0.1		6.7	1.0	7.9	100.0
Beef	C	3.8	10.3	0.5	1.2		0.3	3.1	0.0	19.2	100.0
	Q	4.5	7.9	0.6	2.4		0.3	4.7	0.6	21.0	100.0
Cassava	C					0.1				0.1	100.0
	Q					0.1				0.1	100.0
Cocoa	C						0.4			0.4	100.0
	Q						2.7			2.7	100.0
Coconut	C									0.0	100.0
	Q									0.0	100.0
Coffee	C		4.3		0.9	0.5	1.1	1.8	0.3	8.9	100.0
	Q		29.1		11.5	1.1	0.8	4.5	0.9	47.9	100.0
Cotton ¹	C		4.0		0.3					4.3	100.0
	Q		4.9		0.2					5.1	100.0
Egg	C							3.2		3.2	100.0
	Q							3.2		3.2	100.0
Grape	C			1.6						1.6	100.0
	Q			1.6						1.6	100.0
Groundnut	C								0.1	0.1	100.0
	Q								0.2	0.2	100.0
Maize	C	0.7	6.4	0.3	0.5		0.1	3.9	0.1	12.0	100.0
	Q	2.5	6.5	0.2	0.2		0.1	3.2	0.1	12.7	100.0
Milk	C	1.4		0.3	1.0		0.4	1.8	0.1	5.1	100.0
	Q	1.5		0.4	1.1		0.4	1.6	0.1	5.1	100.0
Oat	C									0.0	100.0
	Q									0.0	100.0
Pigmeat	C		2.5				0.1	1.4		4.0	100.0
	Q		1.8				0.1	1.5		3.4	100.0
Poultry	C		7.5			0.3	0.3	3.4	0.1	11.5	100.0
	Q		10.0			0.2	0.3	3.5	0.1	14.2	100.0
Rice	C		2.0		0.4	0.1	0.2	0.2	0.1	3.0	100.0
	Q		1.9		0.4	0.1	0.2	0.0	0.0	2.7	100.0
Sorghum	C				0.4			18.0	0.2	18.6	100.0
	Q				0.4			10.8	0.2	11.4	100.0
Soybean	C	11.9	14.4		0.3		0.0	2.4	0.0	29.1	100.0
	Q	16.2	24.2		0.0		0.1	0.1	0.0	40.6	100.0
Sugar ²	C		27.5	1.3	2.7	0.4	0.4	3.5	0.3	34.8	100.0
	Q		23.6	1.1	1.6	0.4	0.4	3.5	0.3	29.7	100.0
Sunflower	C	14.6								14.6	100.0
	Q	18.5								18.5	100.0
Tobacco	C									0.0	100.0
	Q									0.0	100.0
Wheat	C	0.9	1.7	0.4	0.2			1.0		4.1	100.0
	Q	2.5	0.6	0.3	0.0			0.5		3.9	100.0

Notes: (1) For this calculation, Cottonseed + Cotton lint volume was used as a proxy of cotton primary product; (2) Sugar beet in Chile, and sugar cane in other countries.