

## Real Industrial Wages in Postwar Latin America

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James W. Wilkie and Carlos Alberto Contreras, eds., *Statistical Abstract of Latin America*, vol. 29, part 1 (Los Angeles: UCLA Latin American Center Publications, University of California, 1991).

This study provides a quantitative basis for assessing the relative position of the industrial worker in Latin America over the last five decades. I develop a long-term index of industrial wages and consumer prices for several Latin American countries; then I adjust the data to take into account the effect of inflation. This Real Industrial Wage Index (RIWI) is a useful tool for measuring the economic gains or losses of the worker in the postwar era. It can also aid the scholar in analyzing economic and political trends.

The value of a real wage index is not only that it serves as a social indicator that measures the purchasing power of workers, but that it also serves as a measure of labor's bargaining power with capital and with the government. A long-term series of real wages gives us an indicator of these changing power dynamics over time. For example, in the 1940s and the 1950s Mexico underwent one of the greatest periods of industrial expansion in Latin American history yet labor did not share equally.<sup>1</sup> This economic growth was spurred by World War II and increased demands in the United States for minerals, agricultural products, and industrial goods. Since Mexican industrial products were guaranteed markets north of the border, government planning changed its focus from land reform and social concerns to policies aimed at developing an economic infrastructure and encouraging private investment. Mexico was undergoing an industrial revolution. On the surface labor seemed to be gaining strength: unions were given official recognition and the government often intervened in disputes between workers and employers. Labor unions were permitted to grow in size and number. In exchange labor leaders offered political support to the government, kept their demands moderate, and purged radical members from their ranks. One might assume, given this increased union membership and special relationship with the Mexican state, that the industrial

worker would have derived some immediate financial benefit from the rapid economic development of the 1940s and 1950s. The RIWI for Mexico (Figure B:12, Part I) is one source of data that contradicts this assumption. The industrial worker experienced an overall loss in terms of what he received for his labor. The ability of organized labor to defend workers' interests during these years is questionable. One may hypothesize that because real wages were eroded by inflation (Table B:36), economic growth was achieved at the expense of the worker and to the benefit of capital. Other sources would have to be used in conjunction with the index to test this hypothesis. Time-series data on real wages are helpful tools for understanding the impact of inflation on wages, but they cannot stand alone as the sole measure of the welfare of the workers.

Industrial workers represent an important segment of the population, even though in many Latin American countries they are relatively small in number. They command important sectors for modernizing and expanding economies. In Latin America industrial laborers tend to have greater political leverage than rural workers. They are generally better organized. Because of their close proximity and importance to political centers, they are better able to influence society through strikes and demonstrations.<sup>2</sup> For this reason, the RIWI is a valuable tool for analyzing political and economic trends in even the most rural nations.

The range of this study spans half a century. Most of the indexes begin in 1940 and end with the most recent data available. The groundwork for this endeavor began with John L. Martin's study titled "Labor's Real Wages in Latin America."<sup>3</sup> Martin calculated real industrial wages for Latin America from 1940 to the mid-1970s. My work updates the RIWIs of seventeen of the eighteen countries covered in Martin's study. Updating the index for Paraguay was not possible owing to a lack of data. The United States is included in the series for comparison. To bring the indexes up to date, I employ different sources and methodologies.

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<sup>1</sup>See James W. Wilkie, "The Six Ideological Phases of Mexico's 'Permanent Revolution' since 1910," *Society and Economy in Mexico*, Statistical Abstract of Latin America, Supplement 10 (Los Angeles: UCLA Latin American Center Publications, 1980), pp. 15-16.

<sup>2</sup>John L. Martin, "Labor's Real Wages in Latin America Since 1940," *Statistical Abstract of Latin America*, Vol. 18 (Los Angeles: UCLA Latin American Center Publications, 1977), p. 211. For further discussion of the political role of industrial labor in Latin America see: Victor Alba, *Politics and the Labor Movement in Latin America* (Stanford: Stanford University Press, 1968); Hobart A. Spalding, Jr., *Organized Labor in Latin America* (New York, 1977).

<sup>3</sup>Martin, "Labor's Real Wages."

### Sources, Methodology, and Limitations

The data used to construct these indexes are primarily self-reported by the individual countries. I linked the available data series together and calculated long-term indexes. Hence, the resulting real wage indexes are as reliable and objective as the sources that are used to create them.

The main source used for wage data is the *Yearbook of Labor Statistics* (1978, 1982, 1983, 1986, 1988), published annually by the International Labor Office (ILO) of the United Nations. The ILO volumes present wage data in raw wage and index form. For the purposes of this study, all the original raw wages are converted into and presented in the form of indexes. Unless otherwise specified, these indexes represent the average earnings of adult wage earners. Some of the indexes include salaried employees or other workers who are not normally classified as industrial workers by the ILO, such as water and electrical workers. Any exceptional cases that might affect the indexes are explained in the notes to each table. Despite some gaps in the data for a few countries, the ILO data enable us to compile a reasonably consistent series for most of the nations of Latin America.

The only country for which another source had to be consulted for wage data is Brazil. The ILO's wage series ends in 1972 and has never been restarted. To supplement the ILO data, I used data from the economic journal *Conjuntura Económica* (vol. 44, no. 7, July 1990; vol. 32, no. 7, July 1978).

The price data for each country are much more consistent than the wage data. The primary source from which the Consumer Price Index (CPI) is constructed is the *International Financial Statistics Yearbook* (1982 and 1990), which is published annually by the International Monetary Fund. This source provides CPIs that can be linked together to form one long-term CPI that spans the fifty years of the study.

The method by which the RIWIs are constructed is composed of two steps. First, the original wage and price indexes provided by the sources are linked together to form one long-term industrial wage index and one long-term CPI for each country. This is done by using either the overlapping base year method or by calculating the percentage change between each year in a data series. Both of these methods are explained below. After a long-term industrial wage index and a long-term CPI have been constructed the second step is quite simple. The wage index is divided by the price index to form the RIWI.

Several smaller indexes can be linked to form a longer series by using one of two methods. The first method I will call the overlapping base year technique. This is the manner in which most of the long-term price and wage indexes are created for this study. Any two indexes can be linked by using this approach as long as they overlap on at least one year. To connect two indexes they must first be converted to a common base year. Any year in which the indexes overlap will do. The base year of an index is changed by dividing

the index values for each year in the series by the value of the preferred base year and then multiplying by 100. Once the two indexes are converted to a common base year, they can be linked together to form one consistent series. If a different base year is desired, the new index can be converted to another base year.

The second method for linking two indexes is the one which Martin uses. This involves calculating the percentage change between each year in the original indexes. A new index can then be created by increasing or decreasing the index value for each year in the new index by the percentage change found in the original indexes. For convenience, these calculations can be made by beginning with the desired base year and assigning it a value of 100. Martin's method is more cumbersome than the overlapping base year technique. However, it does offer an advantage. It does not require that the original indexes be overlapping in order to create one continuous index.

Gaps within or between indexes can be interpolated. Martin estimates wages for missing data by using the percentage change in the CPI as the percentage of change in wages for the missing years. Martin's reasoning for using the CPI is that prices generally follow the same trends as wages, and although wage increases may slightly exceed price increases, the two usually follow a similar enough trend to project the wage index based upon the CPI over short time periods without any significant distortions. This adaptation is far from perfect, but it does provide a means of bridging the gaps and maintaining one continuous index. I use Martin's method to create long-term indexes for the few countries for which the original indexes do not overlap. In the cases of El Salvador, Ecuador, and Nicaragua, it was necessary to project the wage indexes backward one or two years so that they go back to 1955, the common base year of all the indexes.

All the RIWIs are given a base year of 1955 so that cross country comparisons can be made. The choice of a base year is always somewhat arbitrary. It may be chosen for the convenience of the numbers that occur in the series. A base year that is too close to the end of a long index will yield fractional values for the first years of the index. However, if the base year is too close to the beginning of the index the values near the end of the series may be too large to work with. For the purpose of this study a base year of 1955 provides good, workable whole numbers. Comparisons can now be made between countries as to the advance or decline of real industrial wages relative to 1955.

To assist the reader in visualizing the trends in each country's RIWI, two figures are included for each country. The figure labeled Part I for each country presents the wage indexes on a computer-selected scale to enhance the view of the trends present in each country's index. This series is best for analyzing individual countries. The Part II figure presents each country's index on a standardized scale. This helps to facilitate comparisons between countries.

### Summary

We now have an up-to-date RIWI for seventeen countries of postwar Latin America. The indexes provide a quantitative means of understanding the changes in the condition of the industrial worker over the past fifty years. It

is important to note that in using these indexes we are not interested so much in the individual numbers for each year as in the trends that are found in the indexes over time. When used in this manner, they prove to be useful indicators for assessing change in Latin America.

(Tables and figures begin on overleaf)

Table B1  
ARGENTINA LONG-TERM INDUSTRIAL WAGE INDEX, 1940-87

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	
1940	100		
1941	103		7.0
1942	109		7.2
1943	114		7.7
1944	125		8.0
1945	143		8.8
1946	178		10.1
1947	263		12.5
1948	356		17.8
1949	488		25.0
1950	585		34.3
1951	743		41.2
1952	1,029		52.3
1953	1,152		72.4
1954	1,279		81.1
1955	1,421		90.0
1956	1,619		100.0
1957	2,165		113.9
1958	2,975		152.4
1959	5,057		209.4
1960	6,696		355.9
1961	8,337		471.2
1962	10,479		586.7
1963	13,046		737.4
1964	17,795		918.1
1965	23,614		1,252.3
1966	32,185		1,661.8
1967	41,681		2,265.0
1968	43,306		2,933.2
1969	47,637		3,047.6
1970	56,259		3,352.4
1971	79,413		3,989.1
1972	112,868		5,588.5
1973	198,422	100	7,942.9
1974		117	13,963.5
1975		333	16,291.3
1976		1,033	46,544.7
1977		2,233	144,289.5
1978		3,950	311,852.1
1979		10,067	551,860.1
1980		24,600	1,406,664.2
1981		57,500	3,435,032.6
1982		168,000	8,029,039.4
1983		1,053,333	23,458,758.5
1984		8,516,667	147,082,691.8
1985		54,950,000	1,189,228,730.9
1986		116,666,667	7,672,968,932.0
1987		234,833,333	16,290,804,526.9
			32,791,062,253.5

SOURCES: Column A: J. L. Martin, p. 215.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 554, and ILO-YLS, 1988, p. 812. Represents earnings of unskilled wage earners.

Column C: Calculated from columns A and B by using overlapping base years.

Table B2  
ARGENTINA LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes				New Consumer Price Index
	A. (1940 = 100)	B. (1975 = 100)	C. (1985 = 100,000)	D. (1985 = 100)	E. (1955 = 100)
1940	100				13.4
1941	103				13.8
1942	108				14.4
1943	110				14.7
1944	109				14.6
1945	131				17.5
1946	154				20.6
1947	175				23.4
1948	198				26.5
1949	259				34.6
1950	296				39.6
1951	445				59.5
1952	617	0.2			82.5
1953	642	0.2			85.8
1954	666	0.2			89.0
1955	748	0.2			100.0
1956	849	0.3			113.5
1957	1,059	0.3			141.6
1958	1,393	0.4			186.2
1959	2,981	1.0			398.5
1960	3,789	1.2			506.6
1961	4,305	1.4			575.5
1962	5,518	1.8			737.7
1963	6,843	2.2			914.8
1964	8,362	2.7			1,117.9
1965	10,762	3.4			1,438.8
1966	14,206	4.5			1,899.2
1967	18,354	5.9			2,453.7
1968	21,327	6.8			2,851.2
1969	22,948	7.3			3,067.9
1970	26,069	8.3			3,485.2
1971	35,114	11.2			4,694.4
1972	55,656	17.8			7,440.6
1973	89,217	28.7			11,927.4
1974		35.4			14,671.0
1975		100.0			41,627.0
1976		543.2	2		226,382.0
1977		1,499.6	5		625,235.0
1978		4,131.4	14		1,722,557.0
1979		10,721.4	37		4,470,035.0
1980		21,524.4	74		8,974,183.0
1981		44,012.1	152		18,349,843.0
1982			402		48,443,652.0
1983			1,782	2	215,060,383.0
1984			12,951	13	1,563,408,138.0
1985		100,000	100		12,072,190,171.0
1986			191		23,058,068,595.0
1987			442		53,359,377,866.0
1988			1,955		236,012,978,811.0
1989			62,162		7,504,368,964,283.0

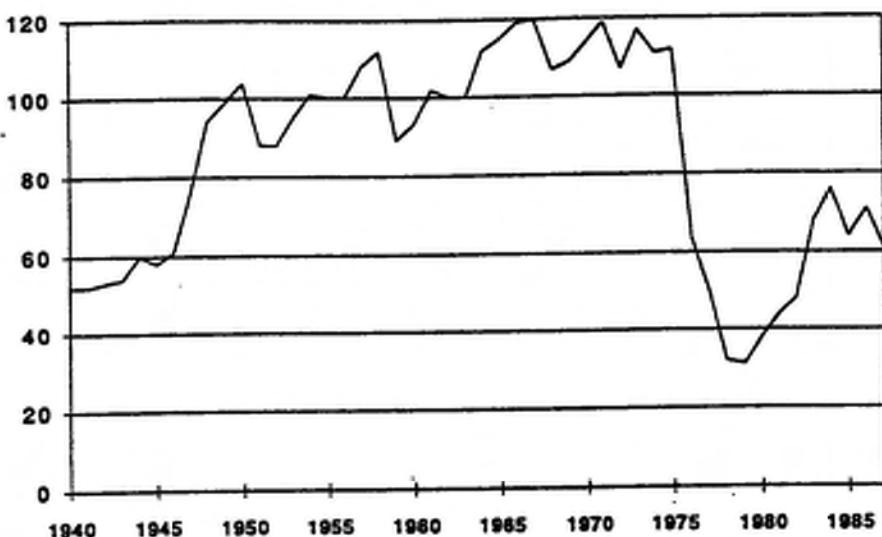
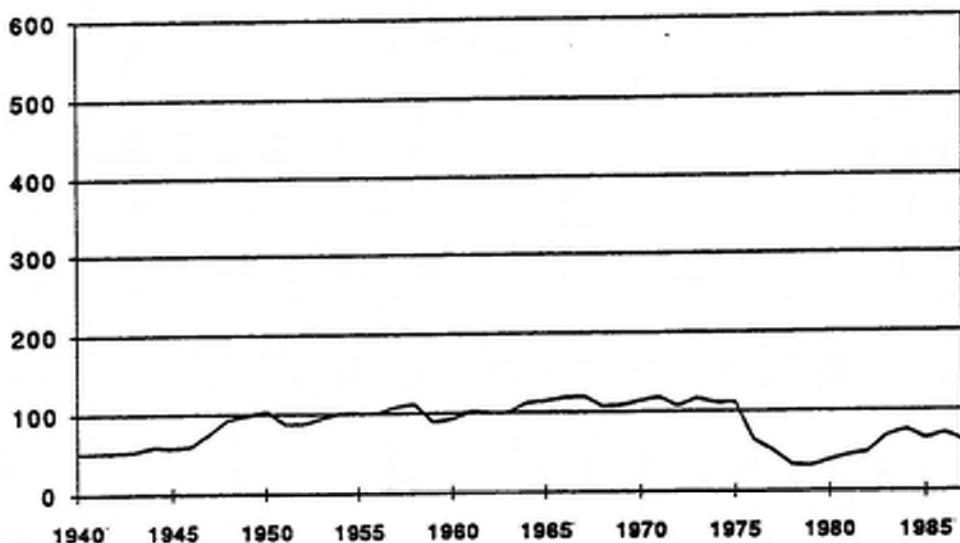
SOURCES: Column A: J. L. Martin, p. 215.  
 Column B: IMF-IFS-Y, 1982, p. 91.  
 Column C: IMF-IFS-Y, 1990, p. 201.  
 Column D: IMF-IFS-Y, 1990, p. 201.

Table B3

**ARGENTINA REAL INDUSTRIAL WAGE INDEX, 1940-87**  
**(1955 = 100)**

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1940	7.0	13.4	
1941	7.2	13.8	52
1942	7.7	14.4	52
1943	8.0	14.7	53
1944	8.8	14.6	54
1945	10.1	17.5	60
1946	12.5	20.6	58
1947	17.8	23.4	61
1948	25.0	26.5	76
1949	34.3	34.5	94
1950	41.2	39.6	99
1951	52.3	59.5	104
1952	72.4	82.5	88
1953	81.1	85.8	88
1954	90.0	89.0	95
1955	100.0	100.0	101
1956	113.9	113.5	100
1957	152.4	141.6	100
1958	209.4	186.2	108
1959	355.9	398.5	112
1960	471.2	506.6	89
1961	586.7	575.5	93
1962	737.4	737.7	102
1963	918.1	914.8	100
1964	1,252.3	1,117.9	100
1965	1,661.8	1,438.8	112
1966	2,265.0	1,899.2	115
1967	2,933.2	2,453.7	119
1968	3,047.6	2,851.2	120
1969	3,352.4	3,067.9	107
1970	3,969.1	3,485.2	109
1971	5,588.5	4,694.4	114
1972	7,942.9	7,440.6	119
1973	13,963.5	11,827.4	107
1974	16,291.3	14,671.0	117
1975	46,544.7	41,627.0	111
1976	144,289.5	226,382.0	112
1977	311,852.1	625,235.0	64
1978	551,560.1	1,722,557.0	50
1979	1,405,664.2	4,470,035.0	32
1980	3,435,032.5	8,974,183.0	31
1981	8,029,039.4	18,349,843.0	38
1982	23,458,758.5	48,443,652.0	44
1983	147,082,691.8	215,060,383.0	48
1984	1,189,228,730.9	1,563,408,138.0	68
1985	7,672,968,932.0	12,072,190,171.0	64
1986	16,290,804,526.9	23,058,068,595.0	71
1987	32,791,062,253.5	53,359,377,866.0	61

SOURCES: Column A: Table B1, column C.  
 Column B: Table B2, column E.  
 Column C: Calculated.

**Figure B:1****ARGENTINA REAL INDUSTRIAL WAGE INDEX, 1940-87**  
(1955 = 100)**PART I.****PART II.**

SOURCE: Table 83, column C.

Table B4  
BOLIVIA LONG-TERM INDUSTRIAL WAGE INDEX, 1948-84

Year	Original Industrial Wage Indexes			New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	C. (1980 = 100)	
1948	300			
1949	353			6
1950	354			7
1951	609			7
1952	727			12
1953	1,097			15
1954	3,046			22
1955	5,041			61
1956	25,015			100
1957	32,669			500
1958	~			652
1959	~			~
1960	47,534			~
1961	54,379			950
1962	58,023			1,087
1963	64,464			1,152
1964	67,300			1,283
1965	72,953			1,348
1966	78,862			1,475
1967	81,623			1,587
1968	85,622			1,630
1969	87,591			1,717
1970	89,956			1,761
1971	96,523			1,804
1972	102,121			1,935
1973	108,657	100		2,043
1974	114,090	140		2,174
1975		140		3,109
1976		140		3,109
1977		192		3,109
1978		156		4,196
1979		322		3,413
1980		351		7,065
1981		353	100	7,696
1982			162	7,761
1983			819	12,587
1984			6,499	63,587
				504,587

SOURCES: Column A: J. L. Martin, p. 216.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 554 (includes salaried workers).

Column C: Index calculated from nominal wage statistics provided in ILO-YLS, 1988, p. 812 (includes salaried workers).

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B5

## BOLIVIA LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes			New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100,000)	C. (1985 = 100,000)	
1940	100			
1941	128			2
1942	166			2
1943	203			3
1944	217			4
1945	229			4
1946	246			4
1947	285			5
1948	300			6
1949	315			6
1950	387			6
1951	516			7
1952	639			10
1953	1,278			12
1954	2,862			25
1955	5,164			55
1956	14,391			100
1957	30,970			280
1958	31,930			599
1959	38,189			617
1960	42,695			738
1961	45,641			826
1962	48,334			883
1963	47,995			922
1964	52,843			922
1965	54,375			1,028
1966	58,127			1,064
1967	64,638			1,135
1968	68,193			1,241
1969	69,693			1,312
1970	72,341			1,348
1971	75,018			1,383
1972	79,894			1,454
1973	105,061			1,560
1974	171,144			2,021
1975	183,295	3		3,298
1976		3		3,846
1977		3		3,546
1978		3		3,546
1979		4		3,546
1980		6		4,716
1981		7		7,092
1982		16		8,262
1983		61		18,901
1984		844		72,082
1985		100,000	100	997,624
1986			376	118,203,298
1987			431	444,444,433
1988			500	509,456,277
1989			575	591,016,560
				679,669,043

SOURCES: Column A: J. L. Martin, p. 216.

Column B: IMF-IFS-Y, 1990, p. 243.

Column C: IMF-IFS-Y, 1990, p. 243.

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B6  
BOLIVIA REAL INDUSTRIAL WAGE INDEX, 1948-84  
(1955 = 100)

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1948	6	6	
1949	7	6	100
1950	7	7	117
1951	12	10	100
1952	15	12	120
1953	22	25	125
1954	61	55	88
1955	100	100	111
1956	500	280	100
1957	652	599	179
1958	~	617	109
1959	~	738	~
1960	950	826	
1961	1,087	883	115
1962	1,152	922	123
1963	1,283	922	125
1964	1,384	1,028	139
1965	1,457	1,064	135
1966	1,587	1,135	137
1967	1,630	1,241	140
1968	1,717	1,312	131
1969	1,761	1,348	131
1970	1,804	1,383	
1971	1,935	1,454	130
1972	2,043	1,560	133
1973	2,174	2,021	131
1974	3,109	3,298	108
1975	3,109	3,546	94
1976	3,109	3,546	88
1977	4,196	3,546	88
1978	3,413	3,546	118
1979	7,065	4,716	96
1980	7,696	7,092	150
1981	7,761	8,262	109
1982	12,587	18,901	94
1983	63,587	72,092	67
1984	504,587	997,624	88
			51

SOURCES: Column A: Table B4, column D.

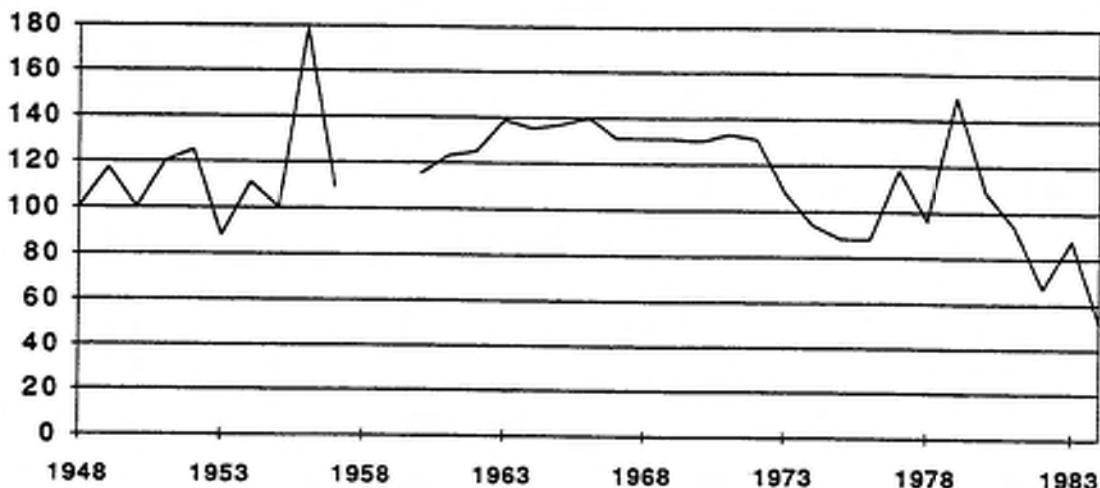
Column B: Table B5, column D.

Column C: Calculated.

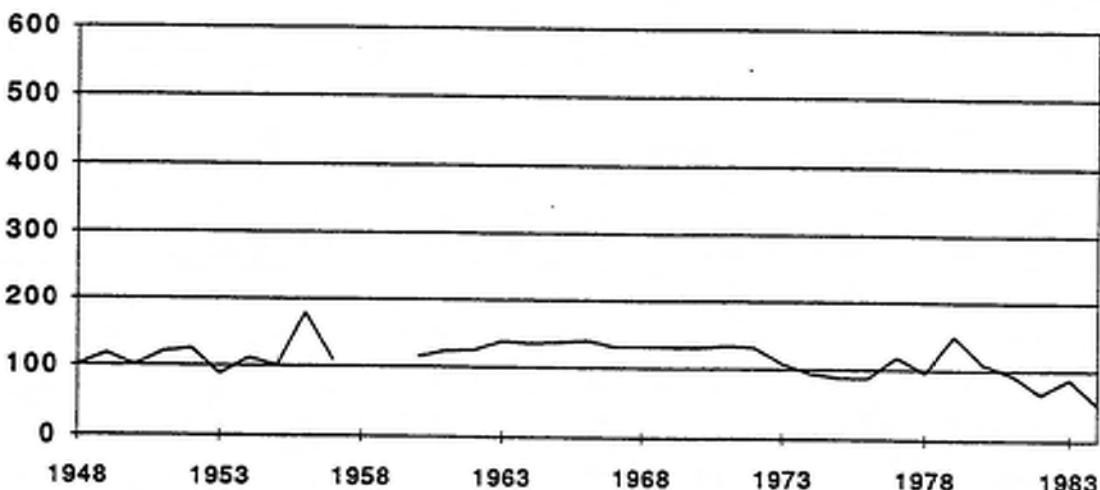
Figure B:2

BOLIVIA REAL INDUSTRIAL WAGE INDEX, 1948-84  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B6, column C.

Table B7  
BRAZIL LONG-TERM INDUSTRIAL WAGE INDEX, 1945-89

Year	Original Industrial Wage Indexes			New Industrial Wage Index
	A. (1940 = 100)	B. (Jan. 1978 = 100)	C. (March 1986 = 100)	
1945	178			20
1946	217			24
1947	239			27
1948	271			30
1949	328			37
1950	356			40
1951	380			42
1952	439			49
1953	461			51
1954	677			76
1955	896			100
1956	1,121			125
1957	1,361			152
1958	1,572			175
1959	2,137			239
1960	~			~
1961	~			~
1962	~			~
1963	12,788			~
1964	23,722			~
1965	36,888			1,427
1966	64,959			2,648
1967	85,097			4,117
1968	111,136			7,251
1969	140,921			9,499
1970	167,836			12,405
1971	215,838			15,730
1972	239,539	110		18,734
1973		136		24,092
1974		177		32,785
1975		251		40,663
1976		376		52,761
1977		563	.08556	74,940
1978			.13508	112,242
1979			.19338	168,028
1980				265,316
1981				379,743
1982			.37161	729,744
1983			.82891	1,627,852
1984			1.83869	3,610,915
1985			6.35330	12,476,896
1986			11.32690	22,244,346
1987			39.99010	78,534,799
1988			105.40000	206,990,624
1989			293.70000	576,785,126
			2,356.70000	4,628,224,115
			33,394.80000	65,582,645,259

SOURCES: Column A: J. L. Martin, p. 217.

Column B: *Conjuntura Económica*, July 1978, p. 136.

Column C: *Conjuntura Económica*, July 1990, p. 49.

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B8

## BRAZIL LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Prices Indexes			New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100,000)	C. (1985 = 100)	
1940	100			16
1941	112			16
1942	125			27
1943	139			21
1944	153			24
1945	178			27
1946	200			30
1947	259			40
1948	282			43
1949	276			43
1950	293			44
1951	319			49
1952	375			57
1953	457			70
1954	540			83
1955	649			100
1956	791			122
1957	942			144
1958	1,083			167
1959	1,491			229
1960	2,057			317
1961	2,894			444
1962	4,422			679
1963	7,619			1,171
1964	14,256			2,192
1965	23,023			3,540
1966	33,775			5,192
1967	43,772			6,730
1968	54,453			8,371
1969	67,032			10,305
1970	79,835			12,273
1971	96,680			14,862
1972	103,254	71		15,873
1973		80		17,885
1974		103		23,027
1975		132		29,511
1976		188		42,032
1977		270		60,363
1978		375		83,840
1979		572		127,883
1980		1,046		233,853
1981		2,151		480,898
1982		4,289		952,183
1983		10,306	10	2,304,110
1984			31	7,142,742
1985			100	23,041,103
1986			245	56,450,635
1987			808	186,172,063
1988			6,325	1,457,349,683
1989			87,722	20,212,116,349

SOURCES: Column A: J. L. Martin, p. 217.

Columns B and C: IMF-IFS-Y, 1990, pp. 250-251.

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table 89  
BRAZIL REAL INDUSTRIAL WAGE INDEX, 1945-89  
(1955 = 100)

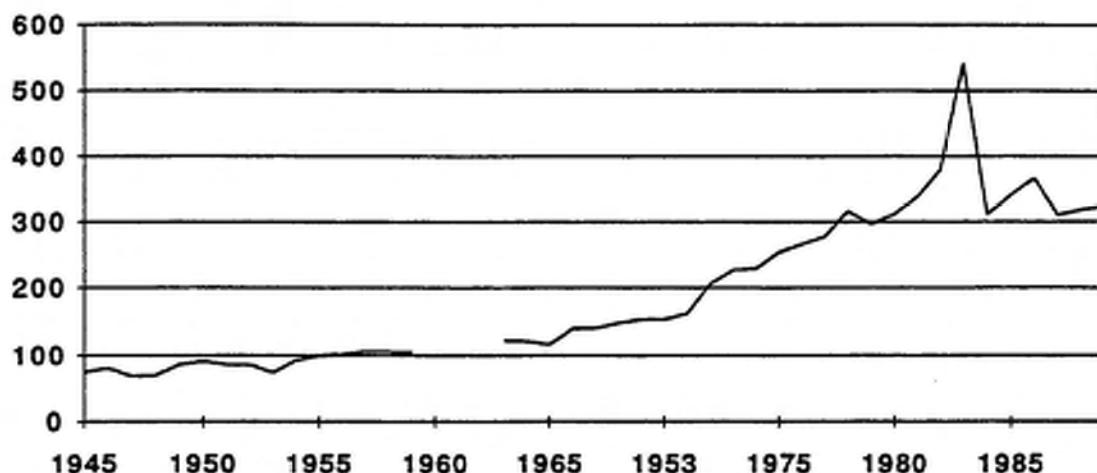
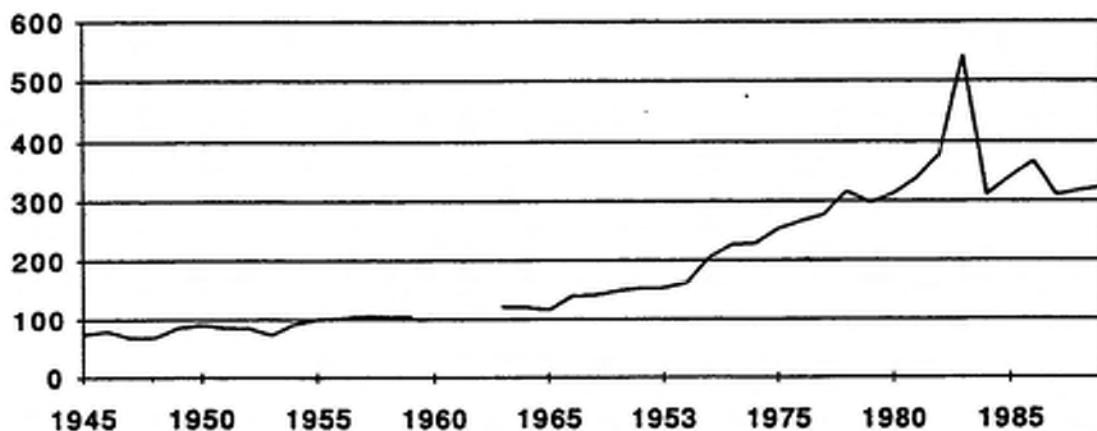
Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1945	20	27	74
1946	24	30	80
1947	27	40	68
1948	30	43	70
1949	37	43	86
1950	40	44	91
1951	42	49	86
1952	49	57	86
1953	51	70	73
1954	76	83	92
1955	100	100	100
1956	125	122	102
1957	152	144	106
1958	175	167	105
1959	239	229	104
1960	~	317	~
1961	~	444	~
1962	~	679	~
1963	1,427	1,171	122
1964	2,648	2,192	121
1965	4,117	3,540	116
1966	7,251	5,192	140
1967	9,499	6,730	141
1968	12,405	8,371	148
1969	15,730	10,305	153
1970	18,734	12,273	153
1971	24,092	14,862	162
1972	32,765	16,873	206
1973	40,663	17,885	227
1974	52,761	23,027	229
1975	74,940	29,511	254
1976	112,242	42,032	267
1977	168,028	60,363	278
1978	265,316	83,840	316
1979	379,743	127,883	297
1980	729,744	233,853	312
1981	1,627,852	480,898	339
1982	3,610,915	952,183	379
1983	12,476,895	2,304,110	542
1984	22,244,346	7,142,742	311
1985	78,534,799	23,041,103	341
1986	206,990,624	56,450,635	367
1987	576,785,126	186,172,063	310
1988	4,628,224,115	1,457,349,683	318
1989	65,582,645,259	20,212,116,349	324

SOURCES: Column A: Table 87, column D.

Column B: Table 88, column D.

Column C: Calculated.

Figure B:3

**BRAZIL REAL INDUSTRIAL WAGE INDEX, 1945-89**  
(1955 = 100)**PART I.****PART II.**

SOURCE: Table B9, column C.

Table B10  
CHILE LONG-TERM INDUSTRIAL WAGE INDEX, 1940-87

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	
1940	100		
1941	124		4
1942	162		5
1943	180		7
1944	215		8
1945	243		9
1946	280		11
1947	380		12
1948	467		17
1949	554		20
1950	644		24
1951	712		28
1952	915		31
1953	1,037		40
1954	1,327		44
1955	2,288		58
1956	3,636		100
1957	4,850		160
1958	5,815		213
1959	7,077		253
1960	7,735		311
1961	8,888		337
1962	10,514		390
1963	13,984		461
1964	21,269		621
1965	29,649		932
1966	42,932		1,287
1967	54,695		1,863
1968	73,346		2,396
1969	100,923		3,194
1970	145,532		4,392
1971	206,947		6,211
1972	335,496		8,873
1973	1,015,208	100	14,641
1974		657	44,366
			291,482
1975			
1976	2,943		1,305,579
1977	11,500		5,102,041
1978	32,257		14,311,003
1979	58,514		24,629,104
1980	81,729		36,259,539
1981	125,343		55,809,139
1982	168,300		74,667,258
1983	185,786		82,425,022
1984	250,486		111,129,547
1985	291,129		129,161,047
1986	348,700		184,702,751
1987	416,529		184,795,475
	487,671		216,358,303

SOURCES: Column A: J. L. Martin, p. 218.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 813; ILO-YLS, 1988, p. 554. Nominal wages were based upon April of each year and include payments in kind.

Column C: Calculated from columns A and B by using overlapping base years.

Table B11  
CHILE LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		3
1941	112		3
1942	129		4
1943	163		5
1944	190		6
1945	230		7
1946	267		8
1947	360		11
1948	424		13
1949	504		15
1950	580		18
1951	708		22
1952	865		26
1953	1,081		33
1954	1,859		57
1955	3,265		100
1956	5,093		153
1957	6,778		207
1958	8,127		249
1959	11,272		345
1960	12,321		376
1961	13,183		402
1962	14,910		460
1963	21,605		652
1964	31,543		958
1965	40,628		1,227
1966	49,931		1,633
1967	59,019		1,801
1968	74,600		2,300
1969	97,502		2,990
1970	129,288		3,948
1971	155,275		4,753
1972	275,613		8,432
1973	1,251,282	100	38,329
1974	7,565,250	500	191,644
1975	36,055,980	2,500	958,222
1976		7,900	3,027,980
1977		15,100	5,787,658
1978		21,100	8,087,390
1979		28,200	10,806,739
1980		38,100	14,603,296
1981		45,600	17,477,961
1982		50,200	19,241,089
1983		63,800	24,453,814
1984		76,500	29,321,579
1985		100,000	38,328,862
1986		119,500	45,802,990
1987		143,200	54,886,930
1988		164,300	62,974,320
1989		192,200	73,668,072

SOURCES: Column A: J. L. Martin, p. 218.

Column B: IMF-IFS-Y, 1990, p. 285.

Column C: Calculated from columns A and B by using overlapping base years.

Table B12  
CHILE REAL INDUSTRIAL WAGE INDEX, 1940-87  
(1955 = 100)

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1940	4	3	133
1941	5	3	167
1942	7	4	175
1943	8	5	160
1944	9	6	150
1945	11	7	157
1946	12	8	150
1947	17	11	155
1948	20	13	154
1949	24	15	160
1950	28	18	156
1951	31	22	141
1952	40	26	154
1953	44	33	133
1954	58	57	102
1955	100	100	100
1956	160	153	105
1957	213	207	103
1958	253	249	102
1959	311	345	90
1960	337	376	90
1961	390	402	97
1962	461	460	100
1963	621	652	95
1964	932	958	97
1965	1,287	1,227	105
1966	1,863	1,533	122
1967	2,396	1,801	133
1968	3,194	2,300	139
1969	4,392	2,990	147
1970	6,211	3,948	157
1971	8,873	4,753	187
1972	14,641	8,432	174
1973	44,366	38,329	116
1974	291,482	191,644	152
1975	1,305,679	968,222	136
1976	5,102,041	3,027,980	168
1977	14,311,033	5,787,658	247
1978	24,629,104	8,087,390	305
1979	36,259,539	10,808,739	335
1980	55,609,139	14,603,296	381
1981	74,667,258	17,477,961	427
1982	82,425,022	19,241,089	428
1983	111,129,547	24,453,814	454
1984	129,161,047	29,321,579	440
1985	154,702,751	38,328,882	404
1986	184,795,475	45,802,990	403
1987	216,388,030	54,886,930	394

SOURCES: Column A: Table B10, column C.

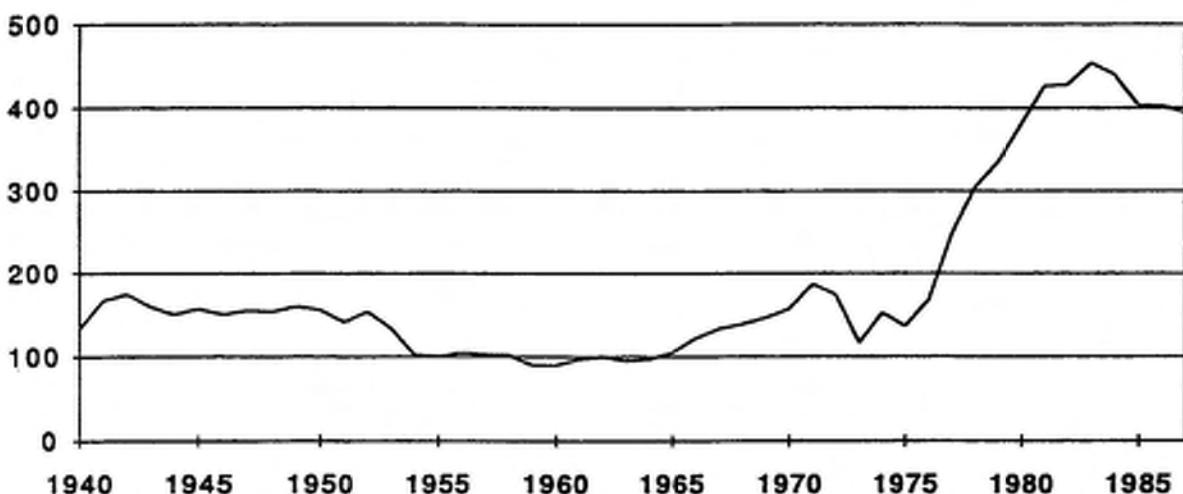
Column B: Table B11, column C.

Column C: Calculated.

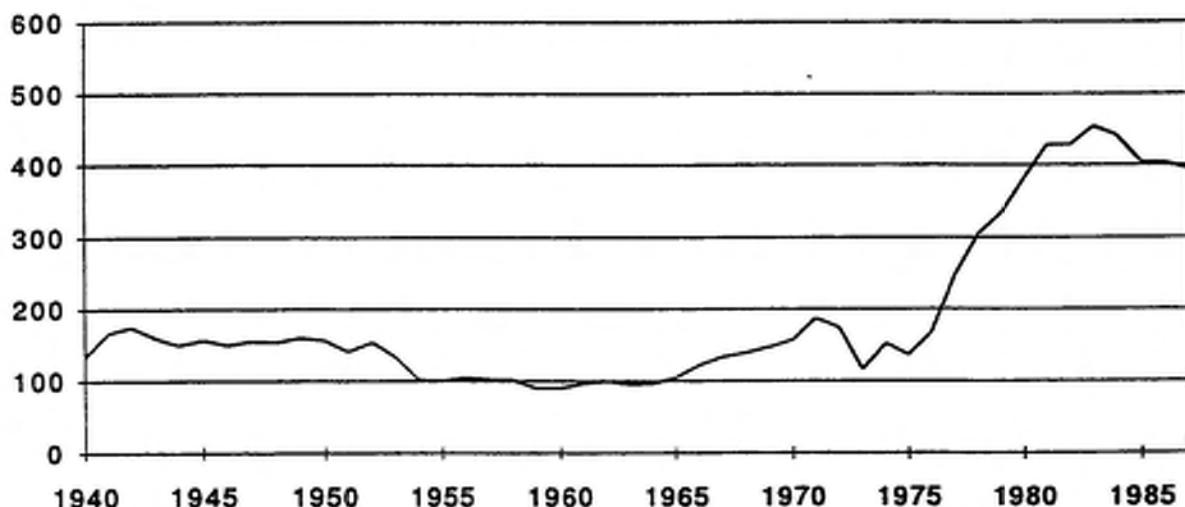
Figure B:4

CHILE REAL INDUSTRIAL WAGE INDEX, 1940-87  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B12, column C.

Table B13  
COLOMBIA LONG-TERM INDUSTRIAL WAGE INDEX, 1940-87

Year	Original Industrial Wage Indexes			New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	C. (1980 = 100)	
1940	100			18
1941	103			19
1942	109			20
1943	114			21
1944	124			23
1945	136			25
1946	166			30
1947	234			43
1948	320			58
1949	373			68
1950	494			90
1951	505			92
1952	489			89
1953	503			92
1954	549			100
1955	549			
1956	607			100
1957	807			111
1958	915			147
1959	998			167
1960	1,306			182
1961	1,506			238
1962	1,730			274
1963	2,430			315
1964	2,735			443
1965	3,033			498
1966	3,448			552
1967	3,807			628
1968	4,199			693
1969	4,598			765
1970	5,379			838
1971	6,143			980
1972	6,684			1,119
1973	7,660	100		1,217
1974		115		1,395
1975		142		1,605
1976		178		1,981
1977		226		2,484
1978		294		3,153
1979		394		4,102
1980		526	100.0	5,497
1981			130.1	7,339
1982			167.9	9,548
1983			212.4	12,322
1984			262.7	15,588
1985			317.9	19,280
1986			393.6	23,331
1987			483.1	28,887
				35,455

SOURCES: Column A: J. L. Martin, p. 219.

Column B: Index calculated from nominal wages provided in ILO-YLS, 1983, p. 554.

Column C: ILO-YLS, 1988, p. 812, index of monthly earnings (includes salaried workers).

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B14  
COLOMBIA LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		25
1941	98		25
1942	107		27
1943	124		31
1944	149		37
1945	166		42
1946	182		46
1947	214		54
1948	249		63
1949	267		67
1950	322		81
1951	348		87
1952	341		86
1953	365		92
1954	398		100
1955	398		100
1956	424		107
1957	486		122
1958	559		140
1959	611		154
1960	631	1.9	158
1961	686	2.0	172
1962	703	2.1	177
1963	927	2.7	233
1964	1,091	3.2	274
1965	1,129	3.3	284
1966	1,354	4.0	340
1967	1,465	4.3	368
1968	1,551	4.6	390
1969	1,708	5.0	429
1970	1,824	5.4	458
1971	1,988	5.9	499
1972	2,272	6.7	571
1973	2,788	8.0	701
1974	3,471	10.0	872
1975	4,488	12.3	1,128
1976		14.8	1,357
1977		19.6	1,797
1978		23.1	2,118
1979		28.8	2,640
1980		36.5	3,346
1981		46.5	4,263
1982		58.0	5,317
1983		69.4	6,382
1984		80.6	7,389
1985		100.0	9,168
1986		118.9	10,901
1987		146.6	13,440
1988		187.8	17,217
1989		236.3	21,663

SOURCES: Column A: J. L. Martin, p. 219.

Column B: IMF-IFS-Y, 1990, pp. 292-293.

Column C: Calculated from columns A and B by using overlapping base years.

Table B15

**COLOMBIA REAL INDUSTRIAL WAGE INDEX, 1940-87**  
**(1955 = 100)**

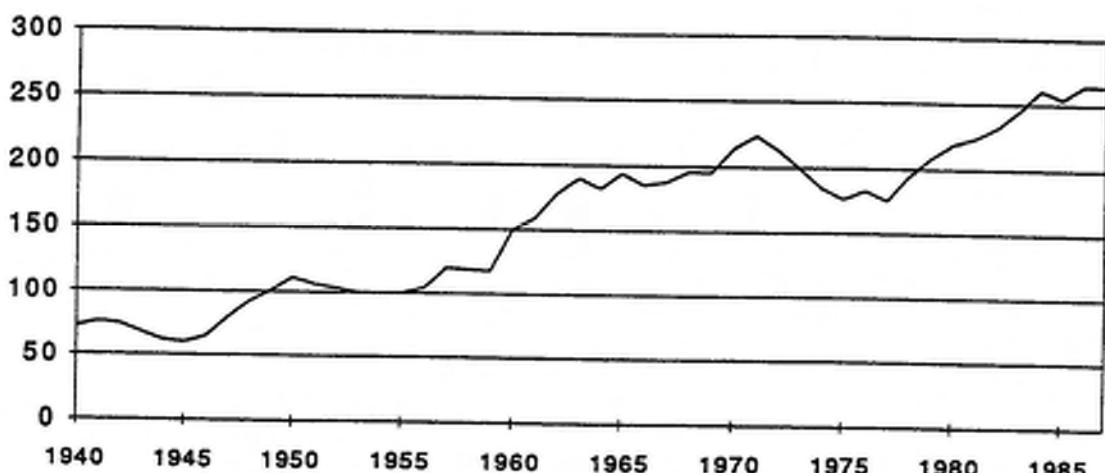
Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1940	18	25	
1941	19	25	72
1942	20	27	76
1943	21	31	74
1944	23	37	68
1945	25	42	62
1946	30	46	60
1947	43	54	65
1948	58	63	80
1949	68	67	92
1950	90	81	101
1951	92	87	111
1952	89	86	106
1953	92	92	103
1954	100	100	100
1955	100	100	100
1956	111	107	100
1957	147	122	104
1958	167	140	120
1959	182	154	119
1960	238	159	118
1961	274	172	150
1962	315	177	159
1963	443	233	178
1964	498	274	190
1965	652	284	182
1966	628	340	194
1967	693	368	185
1968	765	390	188
1969	838	429	196
1970	980	458	195
1971	1,119	499	214
1972	1,217	571	224
1973	1,395	701	213
1974	1,605	872	199
1975	1,981	1,128	184
1976	2,484	1,357	176
1977	3,153	1,797	183
1978	4,102	2,118	175
1979	5,497	2,640	194
1980	7,339	3,346	208
1981	9,548	4,263	219
1982	12,322	5,317	224
1983	15,588	6,362	232
1984	19,280	7,389	245
1985	23,331	9,168	261
1986	28,887	10,901	254
1987	35,465	13,440	265
			264

SOURCES: Column A: Table B13, column D.  
 Column B: Table B14, column D.  
 Column C: Calculated.

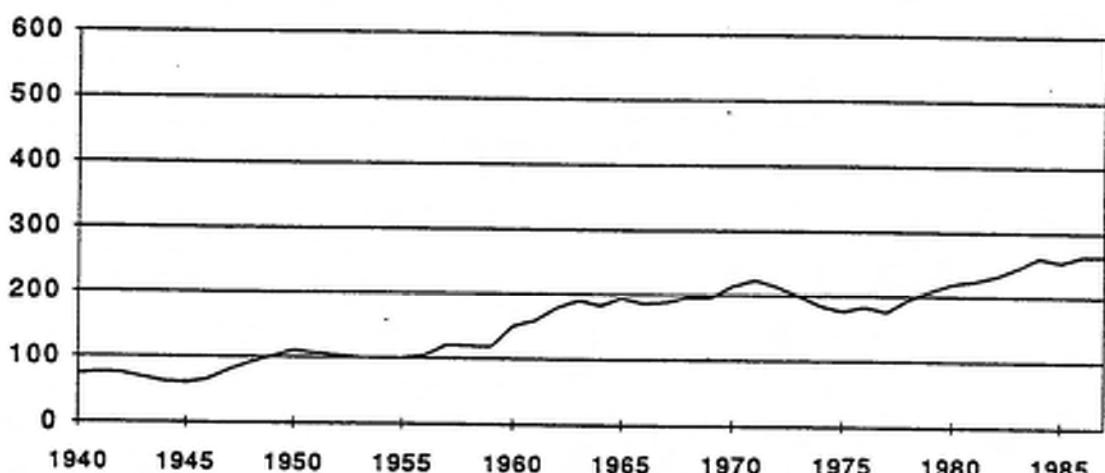
Figure B:5

COLOMBIA REAL INDUSTRIAL WAGE INDEX, 1940-87  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B15, column C.

Table B16  
COSTA RICA LONG-TERM INDUSTRIAL WAGE INDEX, 1953-87

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	
1953	271		
1954	292		83
1955	327		89
1956	330		100
1957	341		101
1958	355		104
1959	368		109
1960	394		113
1961	383		120
1962	420		117
1963	404		128
1964			124
1965			~
1966			~
1967			~
1968			~
1969			~
1970			~
1971			~
1972			~
1973		100	~
1974		119	179
1975		141	213
1976		162	252
1977		182	290
1978		207	326
1979		237	370
1980		281	424
1981		350	503
1982		560	626
1983		834	1,002
1984		870	1,492
1985		1,137	1,586
1986		1,457	2,034
1987		1,682	2,973

SOURCES: Column A: J. L. Martin, p. 220.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 584, and ILO-YLS, 1988, p. 812. Based upon wages of insured persons. Wages prior to 1982 include workers in the electricity, gas, and water industries.

Column C: Index created by calculating the percentage change between each year in the original wage indexes. Gaps in the data series were projected over by using the Consumer Price Index from Table B17.

Table B17  
COSTA RICA LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		34
1941	103		35
1942	124		42
1943	160		55
1944	169		58
1945	179		61
1946	186		64
1947	212		73
1948	219		75
1949	236		81
1950	260		89
1951	277		95
1952	271		93
1953	271		93
1954	279		96
1955	292		100
1956	294		101
1957	303		104
1958	311		107
1959	312		107
1960	314	6.4	108
1961	325	6.5	111
1962	334	6.7	114
1963	344	6.9	118
1964	355	7.1	122
1965	353	7.1	121
1966	354	7.1	121
1967	357	7.2	122
1968	372	7.5	127
1969	382	7.7	131
1970	400	8.0	137
1971	412	8.3	141
1972	431	8.7	148
1973	497	10.0	170
1974	646	13.0	221
1975	751	15.2	257
1976		15.8	267
1977		16.4	277
1978		17.4	294
1979		19.0	321
1980		22.5	381
1981		30.8	521
1982		58.5	990
1983		77.6	1,313
1984		86.9	1,470
1985		100.0	1,692
1986		111.8	1,892
1987		130.7	2,212
1988		157.9	2,672
1989		184.0	3,113

SOURCES: Column A: J. L. Martin, p. 220.  
 Column B: IMF-IFS-Y, 1990, pp. 304-305.  
 Column C: Calculated from columns A and B by using overlapping base years.

Table B18

**COSTA RICA REAL INDUSTRIAL WAGE INDEX, 1953-87**  
**(1955 = 100)**

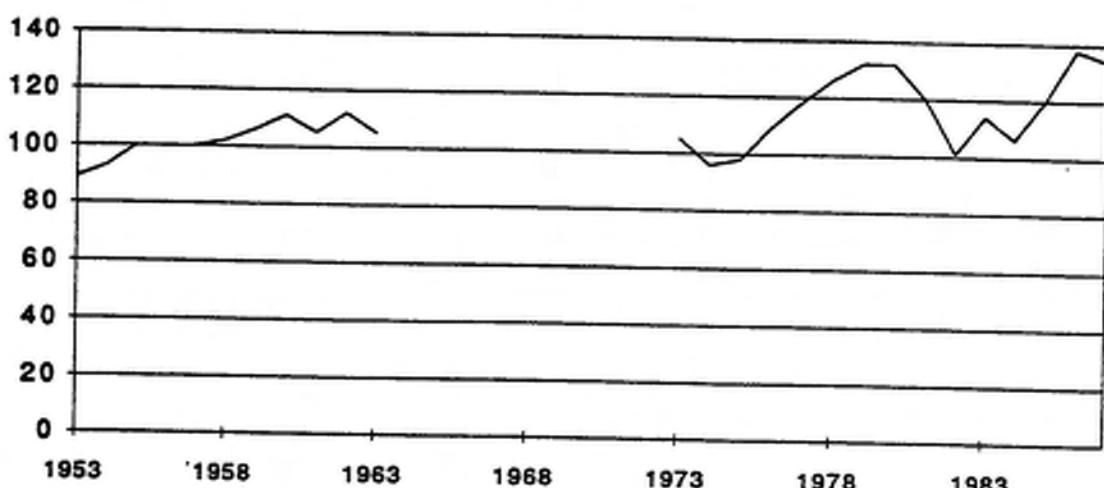
Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1953	83	93	89
1954	89	96	93
1955	100	100	100
1956	101	101	100
1957	104	104	100
1958	109	107	100
1959	113	107	102
1960	120	108	106
1961	117	111	111
1962	128	114	105
1963	124	118	112
1964	~	122	105
1965	~	121	~
1966	~	121	~
1967	~	122	~
1968	~	127	~
1969	~	131	~
1970	~	137	~
1971	~	141	~
1972	~	148	~
1973	179	170	105
1974	213	221	96
1975	252	257	98
1976	290	267	109
1977	326	277	118
1978	370	294	126
1979	424	321	132
1980	503	381	132
1981	626	521	120
1982	1,002	990	101
1983	1,492	1,313	114
1984	1,556	1,470	106
1985	2,034	1,692	120
1986	2,606	1,892	138
1987	2,973	2,212	134

SOURCES: Column A: Table B16, column C.  
 Column B: Table B17, column C.  
 Column C: Calculated.

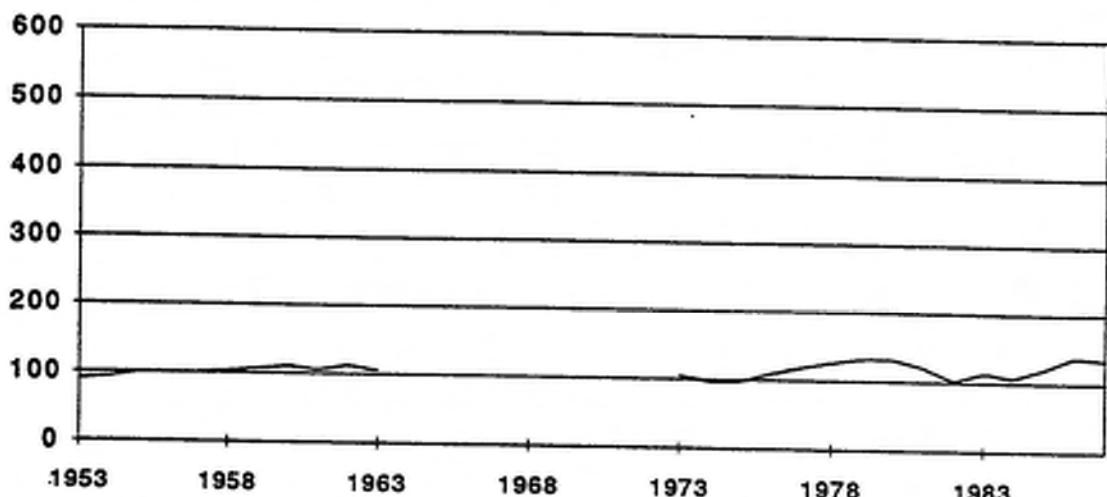
Figure B:6

COSTA RICA REAL INDUSTRIAL WAGE INDEX, 1953-87  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table 818, column C.

**Table B19**  
**DOMINICAN REPUBLIC LONG-TERM INDUSTRIAL  
 WAGE INDEX, 1947-84**

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	
1947	252		
1948	280		71
1949	272		79
1950	276		77
1951	304		78
1952	297		86
1953	327		84
1954	337		93
1955	353		95
1956	358		100
1957	378		101
1958	411		107
1959	421		116
1960	423		119
1961	447		120
1962	612		127
1963	736		173
1964	814		208
1965	827		231
1966	775		234
1967	624		220
1968	696		177
1969	776		197
1970	752		220
1971	763		213
1972	815		216
1973	776	100.0	231
1974		114.6	220
1975		161.9	252
1976		183.1	356
1977		178.6	403
1978		195.8	393
1979		201.2	431
1980		209.1	442
1981		224.1	460
1982		249.7	493
1983		256.3	549
1984		279.5	563
			614

SOURCES: Column A: J. L. Martin, p. 221.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 554, and ILO-YLS, 1988, p. 813 (includes salaried workers).

Column C: Calculated from columns A and B by using overlapping base years.

Table B20  
DOMINICAN REPUBLIC LONG-TERM CONSUMER  
PRICE INDEX, 1941-88

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1941	100		40
1942	120		47
1943	150		59
1944	174		69
1945	181		72
1946	202		80
1947	252		100
1948	255		101
1949	245		97
1950	245		97
1951	263		104
1952	266		105
1953	263		104
1954	263		100
1955	253		100
1956	255		101
1957	268		106
1958	263		104
1959	263		104
1960	254	14.4	100
1961	244	13.9	96
1962	266	15.2	105
1963	289	16.8	114
1964	295	16.8	117
1965	289	16.5	114
1966	290	16.5	115
1967	296	16.7	117
1968	301	16.7	119
1969	295	16.9	117
1970	311	17.5	123
1971	320	18.2	126
1972	345	19.7	136
1973	394	22.7	156
1974	446	25.7	176
1975	507	29.4	200
1976		31.7	216
1977		35.8	244
1978		37.0	252
1979		40.4	275
1980		47.2	322
1981		50.8	346
1982		54.6	372
1983		57.2	390
1984		72.7	496
1985		100.0	682
1986		109.7	748
1987		127.2	867
1988		183.7	1,252

SOURCES: Column A: J. L. Martin, p. 221.

Column B: IMF-IFS-Y, 1990, pp. 328-329.

Column C: Calculated from columns A and B by using overlapping base years.

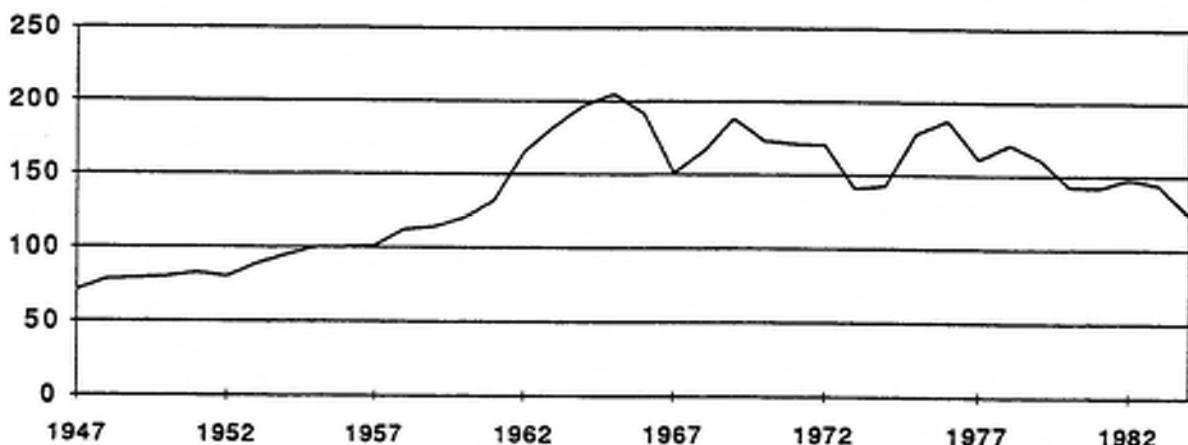
Table B21  
DOMINICAN REPUBLIC REAL INDUSTRIAL WAGE INDEX, 1947-84  
(1955 = 100)

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1947	71		
1948	79	100	71
1949	77	101	78
1950	78	97	79
1951	86	97	80
1952	84	104	83
1953	93	105	80
1954	95	104	89
1955	100	100	95
1956	101	101	100
1957	107	106	100
1958	116	104	101
1959	119	104	112
1960	120		114
1961	127	100	120
1962	173	96	132
1963	208	105	165
1964	231	114	182
1965	234		197
1966	220	114	205
1967	177	115	191
1968	197	117	151
1969	220	119	166
1970	213		188
1971	216	123	173
1972	231	126	171
1973	220	136	170
1974	252	156	141
1975	356		143
1976	403	200	178
1977	393	216	187
1978	431	244	161
1979	442	252	171
1980	460	275	161
1981	493	322	143
1982	549	346	142
1983	563	372	148
1984	614	390	144
		496	124

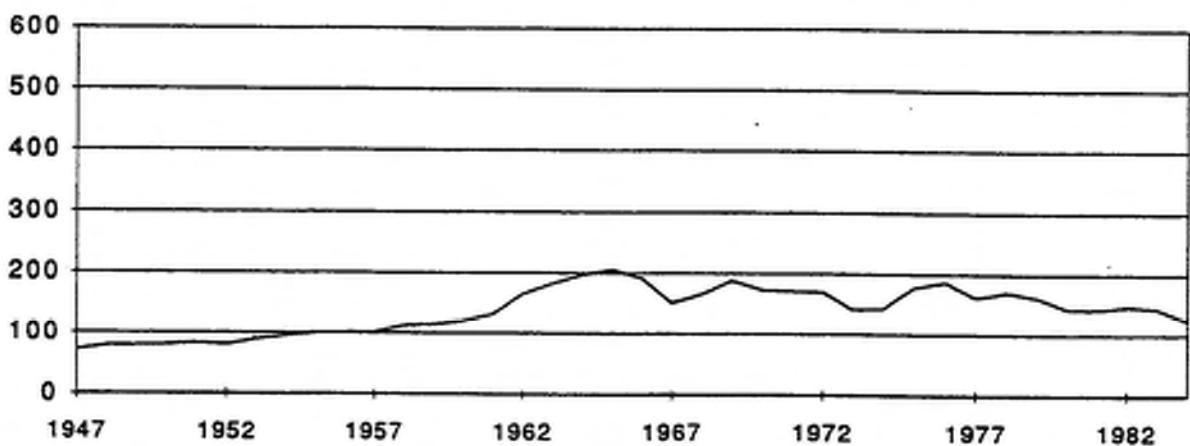
SOURCES: Column A: Table B19, column C.  
 Column B: Table B20, column C.  
 Column C: Calculated.

Figure B:7  
DOMINICAN REPUBLIC REAL INDUSTRIAL WAGE INDEX, 1947-84  
(1955 = 100)

PART I.



PART II.



SOURCE: Table B21, column C.

**Table B22**  
**ECUADOR LONG-TERM INDUSTRIAL WAGE INDEX, 1955-1984**

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1950 = 100)	B. (1973 = 100)	
1955	114 <sup>a</sup>		
1956	106 <sup>a</sup>		100
1957	110		95
1958	109		96
1959	110		96
1960	111		96
1961	113		97
1962	119		99
1963	123		104
1964	135		108
1965	139		118
1966	145		122
1967	155		127
1968	170		136
1969	206		149
1970	220		181
1971	248		193
1972	293		218
1973	330	100	257
1974		121	289
1975			351
1976		148	429
1977		183	530
1978		204	592
1979		224	647
1980		284	823
1981		402	1,164
1982		448	1,298
1983		484	1,402
1984		622	1,802
		809	2,342

a. Estimation based upon Consumer Price Index.

SOURCES: Column A: J. L. Martin, p. 222.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 554 and ILO-YLS, 1988, p. 813.

Column C: Calculated from columns A and B by using overlapping base years.

Table B23  
ECUADOR LONG-TERM CONSUMER PRICE INDEX, 1950-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1950 = 100)	B. (1985 = 100)	C. (1955 = 100)
1950	100		88
1951	105		92
1952	109		96
1953	107		94
1954	112		98
1955	114		100
1956	108		95
1957	110		96
1958	111		97
1959	111		97
1960	118		104
1961	123	6.1	108
1962	126	6.2	111
1963	134	6.6	118
1964	139	6.9	122
1965	143	7.1	125
1966	149	7.5	131
1967	155	7.8	136
1968	162	8.1	142
1969	172	8.6	151
1970	181	9.1	159
1971	196	9.8	172
1972	212	10.6	186
1973	239	12.0	210
1974	295	14.8	259
1975	341	17.0	299
1976		18.8	331
1977		21.3	375
1978		23.8	419
1979		26.2	461
1980		29.6	521
1981		34.5	607
1982		40.1	706
1983		59.5	1,047
1984		78.1	1,374
1985		100.0	1,760
1986		123.0	2,164
1987		159.3	2,803
1988		252.1	4,436
1989		442.8	7,791

SOURCES: Column A: J. L. Martin, p. 222.

Column B: IMF-IFS-Y, 1990, p. 332-333.

Column C: Calculated from columns A and B by using overlapping base years.

Table B24  
ECUADOR REAL INDUSTRIAL WAGE INDEX, 1955-84  
(1955 = 100)

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1955	100	100	100
1956	95	95	100
1957	96	96	100
1958	96	97	99
1959	96	97	99
1960	97	104	93
1961	99	108	92
1962	104	111	94
1963	108	118	92
1964	118	122	97
1965	122	125	98
1966	127	131	97
1967	136	136	100
1968	149	142	105
1969	181	151	120
1970	193	159	121
1971	218	172	127
1972	257	186	138
1973	289	210	138
1974	351	259	136
1975	429	299	143
1976	530	331	160
1977	592	375	158
1978	647	419	154
1979	823	461	179
1980	1,164	521	223
1981	1,298	607	214
1982	1,402	706	199
1983	1,802	1,047	172
1984	2,342	1,374	107

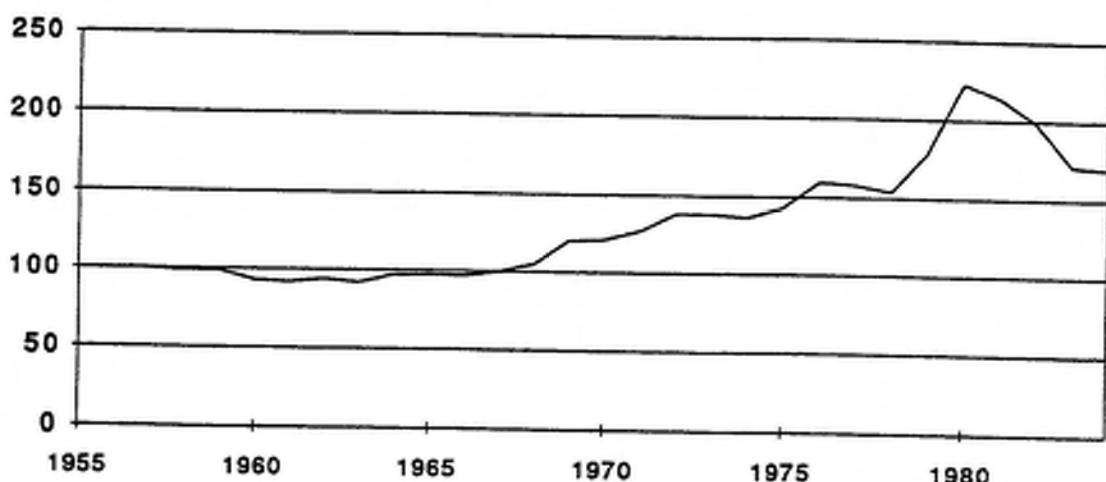
SOURCES: Column A: Table B22, column C.

Column B: Table B23, column C.

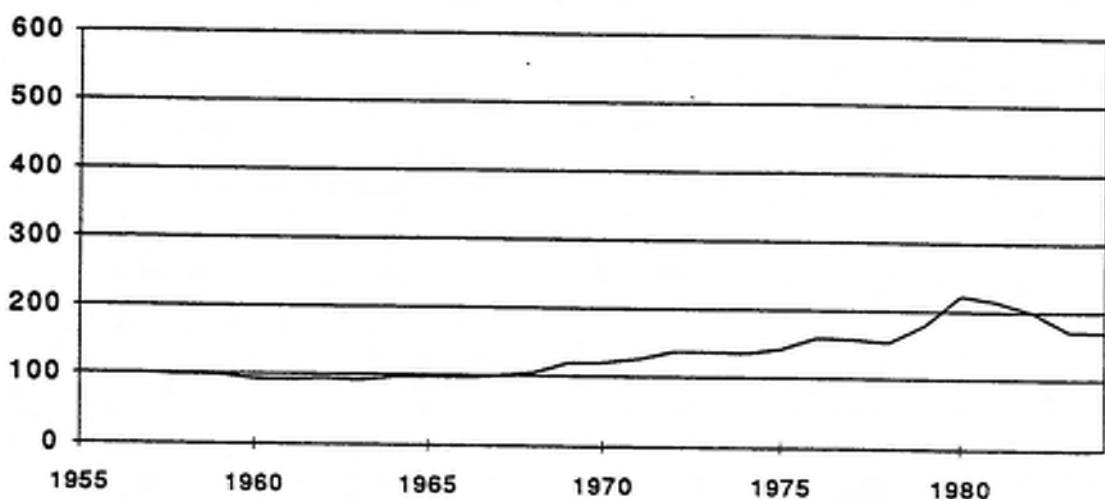
Column C: Calculated.

Figure B:8  
ECUADOR REAL INDUSTRIAL WAGE INDEX, 1955-84  
(1955 = 100)

PART I.



PART II.



SOURCE: Table B24, column C.

Table B25  
EL SALVADOR LONG-TERM INDUSTRIAL WAGE INDEX, 1955-85

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	
1955	326 <sup>a</sup>		100
1956	332		102
1957	356		109
1958	365		112
1959	370		113
1960	373		114
1961	376		115
1962	383		117
1963	383		117
1964	394		121
1965	413		
1966	440		127
1967	455		135
1968	481		140
1969	487		148
1970	503		149
1971	510		154
1972	509		156
1973	542	100	156
1974	597	110	166
1975			183
1976		111	185
1977		141	234
1978		151	251
1979		164	273
1980		184	306
1981		253	421
1982		268	446
1983		273	454
1984		317	527
1985		321	534
		347	577

a. Estimate based upon Consumer Price Index.

SOURCES: Column A: J. L. Martin, p. 222.

Column B: Index calculated from nominal wages of males in the Department of San Salvador provided in ILO-YLS, 1983, p. 558, and ILO-YLS, 1988, p. 813.

Column C: Calculated from columns A and B by using overlapping base years.

Table B26

## EL SALVADOR LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		31
1941	112		34
1942	115		35
1943	127		39
1944	165		51
1945	185		57
1946	188		58
1947	200		61
1948	203		62
1949	213		65
1950	249		76
1951	288		88
1952	292		90
1953	310		95
1954	323		99
1955	326		100
1956	332		102
1957	316		97
1958	332		102
1959	341		105
1960	341	17.2	106
1961	332	16.7	102
1962	335	16.7	103
1963	338	17.0	104
1964	344	17.3	106
1965	344	17.4	106
1966	341	17.1	105
1967	347	17.4	106
1968	353	17.8	108
1969	353	17.8	108
1970	363	18.3	111
1971	364	18.4	112
1972	370	18.7	113
1973	394	19.9	121
1974	460	23.2	141
1975	556	27.7	171
1976		29.6	182
1977		33.1	204
1978		37.5	231
1979		43.0	265
1980		50.4	310
1981		57.9	356
1982		64.7	398
1983		73.3	451
1984		81.7	503
1985		100.0	616
1986		131.9	812
1987		164.7	1,014
1988		197.3	1,215
1989		232.1	1,429

SOURCES: Column A: J. L. Martin, p. 222.

Column B: IMF-IFS-Y, 1990, pp. 338-339.

Column C: Calculated from columns A and B by using overlapping base years.

Table B27

**EL SALVADOR REAL INDUSTRIAL WAGE INDEX, 1955-85**  
**(1955 = 100)**

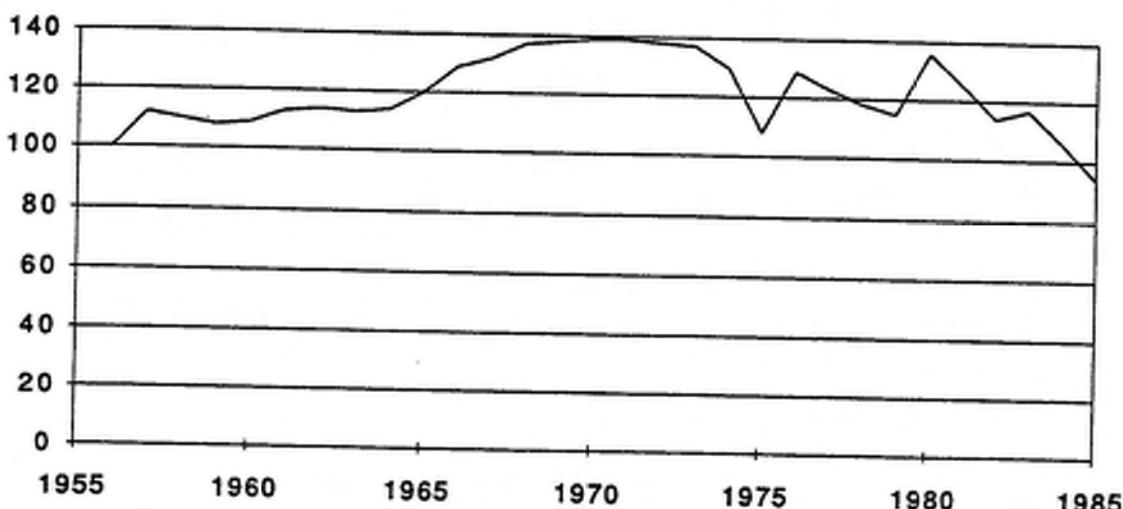
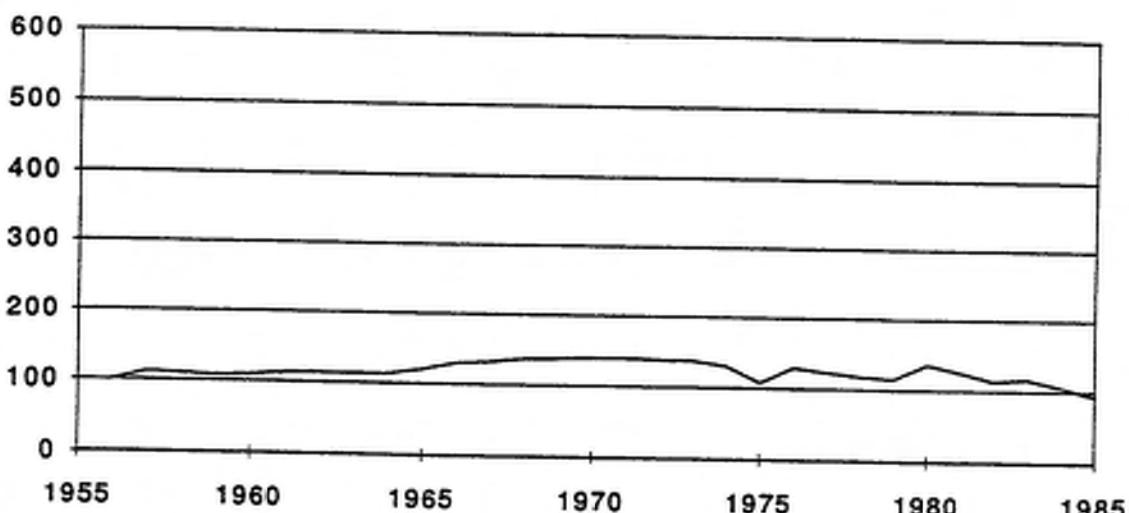
Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1955	100	100	100
1956	102	102	100
1957	109	97	112
1958	112	102	110
1959	113	105	108
1960	114	105	109
1961	115	102	113
1962	117	103	114
1963	117	104	113
1964	121	106	114
1965	127	106	120
1966	135	105	129
1967	140	106	132
1968	148	108	137
1969	149	108	138
1970	154	111	139
1971	156	112	139
1972	156	113	138
1973	166	121	137
1974	183	141	130
1975	185	171	108
1976	234	182	129
1977	251	204	123
1978	273	231	118
1979	306	265	115
1980	421	310	136
1981	446	356	125
1982	454	398	114
1983	527	451	117
1984	534	503	106
1985	577	616	94

SOURCES: Column A: Table B26, column C.

Column B: Table B27, column C.

Column C: Calculated.

Figure B:9

**EL SALVADOR REAL INDUSTRIAL WAGE INDEX, 1955-85**  
**(1955 = 100)****PART I.****PART II.**

SOURCE: Table B27, column C.

Table B28  
GUATEMALA LONG-TERM INDUSTRIAL WAGE INDEX, 1952-85

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	C. (1955 = 100)
1952	270		86
1953	271		86
1954	304		97
1955	315		100
1956	318		101
1957	320		102
1958	335		106
1959	345		110
1960	345		110
1961	352		112
1962	364		116
1963	373		118
1964	368		117
1965	384		122
1966	400		127
1967	413		131
1968	423		134
1969	443		141
1970	443		141
1971	445		141
1972	446		142
1973	446	100	142
1974	446	101	144
1975		106	149
1976		113	160
1977		122	172
1978		138	195
1979		144	204
1980		209	296
1981		234	331
1982		245	347
1983		268	380
1984		200	283
1985		204	289

SOURCES: Column A: J. L. Martin, p. 223.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 555, and ILO-YLS, 1988, p. 812. Statistics prior to 1974 are for Guatemala City.

Column C: Calculated from columns A and B by using overlapping base years.

Table B29

## GUATEMALA LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		34
1941	96		33
1942	110		38
1943	122		42
1944	143		49
1945	179		61
1946	212		73
1947	217		74
1948	231		79
1949	247		85
1950	265		91
1951	277		95
1952	270		92
1953	278		95
1954	286		98
1955	292		100
1956	295		101
1957	289		99
1958	295		101
1959	292		100
1960	289	25.8	99
1961	287	25.6	98
1962	293	26.2	100
1963	294	26.2	101
1964	293	26.1	100
1965	291	25.9	100
1966	293	26.1	100
1967	294	26.2	101
1968	299	26.7	102
1969	306	27.3	105
1970	313	28.0	107
1971	312	27.8	107
1972	313	28.0	107
1973	359	31.8	123
1974	416	37.1	142
1975	483	42.0	165
1976		46.5	183
1977		52.2	206
1978		56.5	223
1979		62.9	248
1980		69.7	275
1981		77.7	306
1982		77.9	307
1983		81.5	321
1984		84.3	332
1985		100.0	394
1986		136.9	539
1987		153.8	606
1988		170.5	671
1989		189.9	748

SOURCES: Column A: J. L. Martin, p. 223.

Column B: IMF-IFS-Y, 1990, pp. 388-389.

Column C: Calculated from columns A and B by using overlapping base years.

Table B30

**GUATEMALA REAL INDUSTRIAL WAGE INDEX, 1952-85**  
**(1955 = 100)**

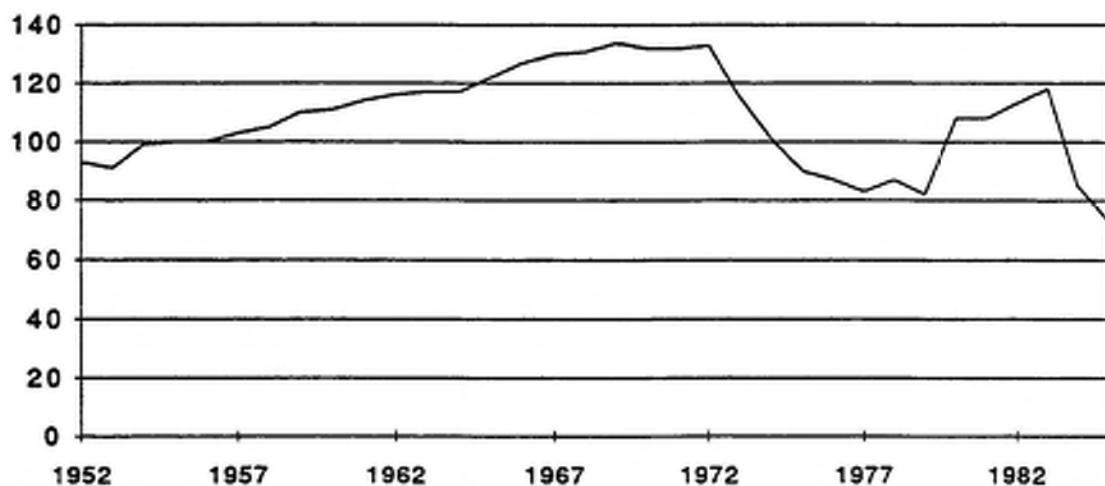
Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1952	86	92	93
1953	86	95	91
1954	97	98	99
1955	100	100	100
1956	101	101	100
1957	102	99	103
1958	106	101	105
1959	110	100	110
1960	110	99	111
1961	112	98	114
1962	116	100	116
1963	118	101	117
1964	117	100	117
1965	122	100	122
1966	127	100	127
1967	131	101	130
1968	134	102	131
1969	141	105	134
1970	141	107	132
1971	141	107	132
1972	142	107	133
1973	142	123	115
1974	144	142	101
1975	149	165	90
1976	160	183	87
1977	172	206	83
1978	195	223	87
1979	204	248	82
1980	296	275	108
1981	331	306	108
1982	347	307	113
1983	380	321	118
1984	283	332	85
1985	289	394	73

SOURCES: Column A: Table B28, column C.  
 Column B: Table B29, column C.  
 Column C: Calculated.

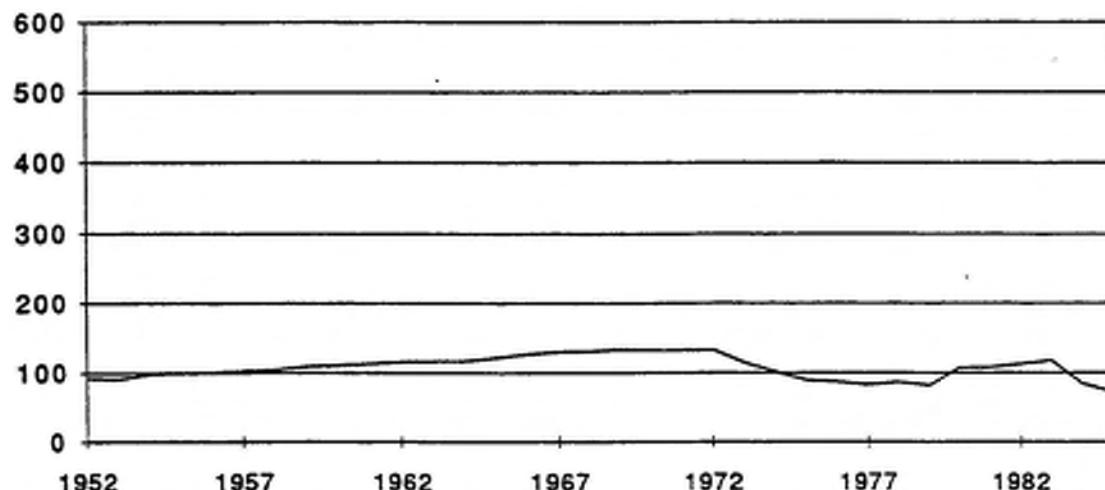
Figure B:10

GUATEMALA REAL INDUSTRIAL WAGE INDEX, 1952-85  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B30, column C.

Table B31  
HONDURAS LONG-TERM INDUSTRIAL WAGE INDEX, 1953-85

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	
1953	123		
1954	139		78
1955	157		89
1956	156		100
1957	137		99
1958	120		87
1959	131		78
1960	158		83
1961	182		101
1962	180		116
1963	178		115
1964	203		113
1965	193		129
1966	223		123
1967			142
1968			~
1969			~
1970			~
1971			~
1972			~
1973		100	~
1974		77	176
1975		92	136
1976		112	162
1977		108	197
1978		124	190
1979		195	218
1980		157	343
1981		187	276
1982		390	329
1983		608	685
1984		217	1,069
1985		239	382
			420

SOURCES: Column A: J. L. Martin, p. 220.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 555, and ILO-YLS, 1988, p. 813. Based upon wages of employees of establishments with ten or more persons. Includes salaried workers.

Column C: Index created by calculating the percentage change between each year in the original wage indexes. Gaps in the data series were projected over by using the Consumer Price Index from Table B11.

Table B32

## HONDURAS LONG-TERM CONSUMER PRICE INDEX, 1948-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1965 = 100)
1948	100		71
1949	105		74
1950	111		79
1951	123		87
1952	121		86
1953	123		87
1954	130		92
1955	141		100
1956	135		96
1957	132		94
1958	136		96
1959	137		97
1960	135	26.2	96
1961	137	26.6	97
1962	139	26.9	99
1963	143	27.8	101
1964	149	29.0	106
1965	154	29.9	109
1966	154	30.5	109
1967	156	31.1	111
1968	160	31.7	113
1969	163	32.1	116
1970	168	33.0	119
1971	173	33.7	123
1972	182	34.9	129
1973	190	36.8	135
1974	213	41.5	151
1975	226	45.0	160
1976		47.1	168
1977		51.1	182
1978		54.1	193
1979		60.6	216
1980		71.6	255
1981		78.3	279
1982		85.3	304
1983		92.4	329
1984		96.7	344
1985		100.0	356
1986		104.4	372
1987		106.9	381
1988		111.8	398
1989		122.8	437

SOURCES: Column A: J. L. Martin, p. 224.

Column B: IMF-IFS-Y, 1990, pp. 400-401.

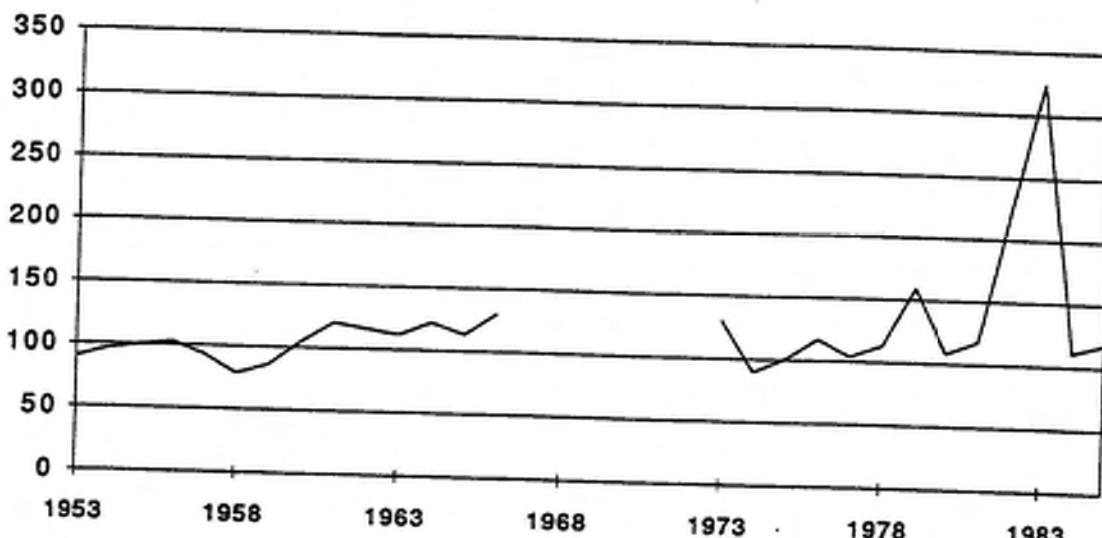
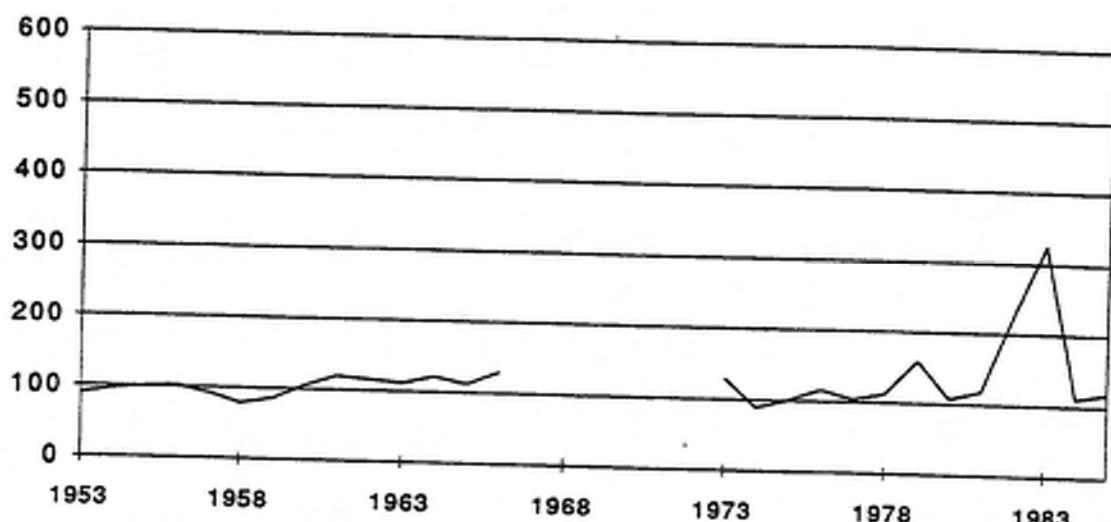
Column C: Calculated from columns A and B by using overlapping base years.

Table B33  
HONDURAS REAL INDUSTRIAL WAGE INDEX, 1953-85  
(1955 = 100)

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1953	78	87	
1954	89	92	90
1955	100	100	97
1956	99	96	100
1957	87	94	103
1958	76	96	93
1959	83	97	79
1960	101	96	86
1961	116	97	105
1962	115	99	120
1963	113	101	116
1964	129	106	112
1965	123	109	122
1966	142	109	113
1967	~	109	130
1968	~	111	~
1969	~	113	~
1970	~	116	~
1971	~	119	~
1972	~	123	~
1973	176	129	~
1974	136	135	130
1975	162	160	90
1976	197	168	101
1977	190	182	117
1978	218	193	104
1979	343	216	113
1980	276	255	159
1981	329	279	108
1982	685	304	118
1983	1,069	329	225
1984	382	344	325
1985	420	356	111
			118

SOURCES: Column A: Table B31, column C.  
 Column B: Table B32, column C.  
 Column C: Calculated.

Figure B:11

**HONDURAS REAL INDUSTRIAL WAGE INDEX, 1953-85**  
(1955 = 100)**PART I.****PART II.**

SOURCE: Table B33, column C.

Table B34  
MEXICO LONG-TERM INDUSTRIAL WAGE INDEX, 1934-87

Year	Original Industrial Wage Indexes		New Industrial Wage Index	Original Industrial Wage Indexes	New Industrial Wage Index	
	A. (1950 = 100)	B. (1975 = 100)			A. (1940 = 100)	B. (1975 = 100)
1934	44.5		10.7	1975	2,415.0	100
1935	47.6		11.4	1976		580.5
1936	52.4		12.6	1977		730.3
1937	57.1		13.7	1978		955.9
1938	63.5		15.3	1979		1,095.7
1939	95.2		22.9	1980		1,280.5
1940	100.0		24.0	1981		1,556.3
1941	107.0		25.7	1982		2,039.8
1942	109.0		26.2	1983		3,197.3
1943	135.0		32.5	1984		4,739.0
1944	149.0		38.8	1985		7,533.4
1945	164.0		39.4	1986		11,953.1
1946	188.0		45.2	1987		19,954.2
1947	206.0		49.5			46,341.8
1948	226.0		54.3			
1949	246.0		59.1			
1950	267.0		64.2			
1951	297.0		71.4			
1952	310.0		74.5			
1953	330.0		79.3			
1954	336.0		80.8			
1955	416.0		100.0			
1956	453.0		108.9			
1957	471.0		113.2			
1958	518.0		124.5			
1959	576.0		138.5			
1960	632.0		151.9			
1961	661.0		158.9			
1962	718.0		172.6			
1963	845.0		203.1			
1964	923.0		221.9			
1965	987.0		237.3			
1966	1,032.0		248.1			
1967	1,094.0		263.0			
1968	1,151.0		276.7			
1969	1,209.0		290.6			
1970	1,270.0		305.3			
1971	1,381.0		332.0			
1972	1,460.0		351.0			
1973	1,643.0	65	395.0			
1974	2,100.0	82	504.8			

SOURCES: Column A: J. L. Martin, p. 225.  
 Column B: Index calculated from nominal wage statistics (based on monthly earnings) provided in ILO-YLS, 1983, p. 565, and ILO-YLS, 1988, p. 813.  
 Column C: Calculated from columns A and B by using overlapping base years.

Table B35

## MEXICO LONG-TERM CONSUMER PRICE INDEX, 1934-89

Year	Original Consumer Price Indexes		New Consumer Price Index	Original Consumer Price Indexes		New Consumer Price Index	
	A. (1940 = 100)	B. (1985 = 100)		A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)	
1934	63.7		11.8				
1935	68.8		12.7				
1936	72.6		13.4				
1937	88.5		16.4				
1938	97.4		18.0				
1939	98.7		18.2				
1940	100.0		18.5				
1941	103.0		19.0				
1942	120.0		22.2				
1943	157.0		29.0				
1944	198.0		36.6				
1945	213.0		39.4				
1946	265.0		49.0				
1947	297.0		54.9				
1948	316.0		58.4				
1949	331.0		61.2				
1950	354.0		65.4				
1951	398.0		73.6				
1952	455.0		84.1				
1953	446.0		82.4				
1954	468.0		86.5				
1955	541.0		100.0				
1956	568.0		105.0				
1957	599.0		110.7				
1958	668.0		123.5				
1959	685.0		126.6				
1960	718.0	1.5	132.7				
1961	730.0	1.6	134.9				
1962	739.0	1.6	136.6				
1963	744.0	1.6	137.5				
1964	760.0	1.6	140.5				
1965	787.0	1.7	145.5				
1966	821.0	1.8	151.8				
1967	846.0	1.8	156.4				
1968	866.0	1.9	160.1				
1969	890.0	1.9	164.5				
1970	937.0	2.0	173.2				
1971	967.0	2.1	178.7				
1972	1,028.0	2.2	190.0				
1973	1,198.0	2.5	221.4				
1974	1,572.0	3.1	290.6				

SOURCES: Column A: J. L. Martin, p. 225.  
Column B: IMF-IFS-Y, 1990, pp. 514-516.  
Column C: Calculated from columns A and B by using overlapping base years.

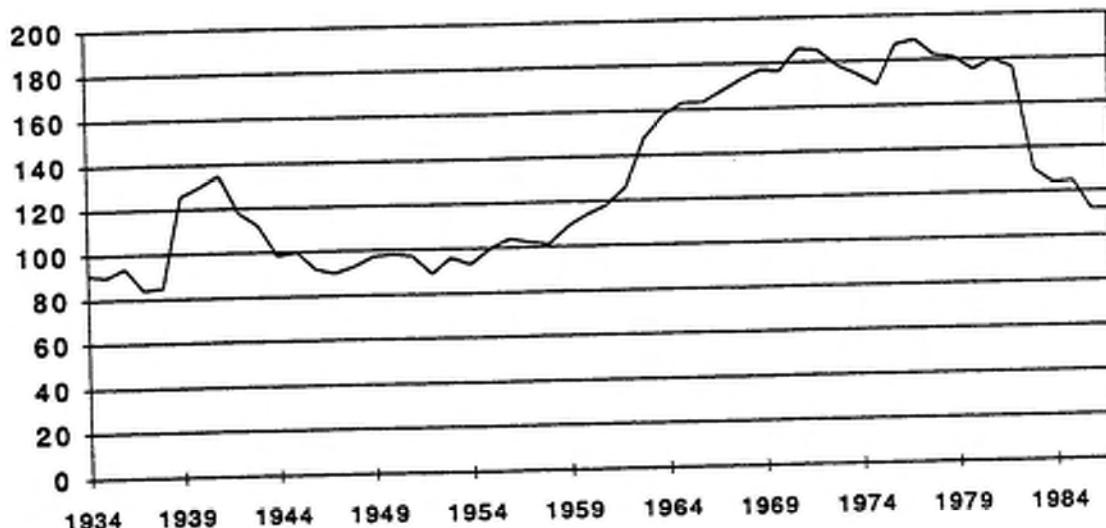
Table B36

**MEXICO REAL INDUSTRIAL WAGE INDEX, 1934-87**  
**(1955 = 100)**

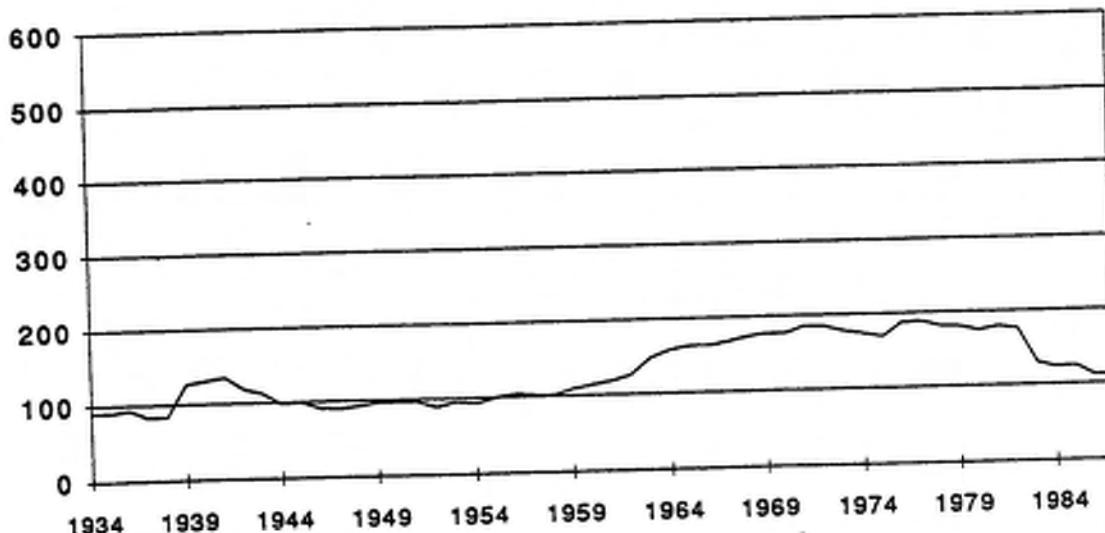
Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)	Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1934	10.7	11.8	91	1975	580.5	343.6	169
1935	11.4	12.7	90	1976	730.3	391.3	187
1936	12.6	13.4	94	1977	955.9	505.9	189
1937	13.7	16.4	84	1978	1,095.7	601.3	182
1938	15.3	18.0	85	1979	1,280.5	706.3	181
1939	22.9	18.2	126	1980	1,556.3	887.7	175
1940	24.0	18.5	130	1981	2,039.8	1,135.9	180
1941	25.7	19.0	135	1982	3,197.3	1,813.6	176
1942	26.2	22.2	118	1983	4,739.0	3,655.8	130
1943	32.5	29.0	112	1984	7,533.4	6,051.6	124
1944	35.8	36.6	98	1985	11,953.1	9,545.1	125
1945	39.4	39.4	100	1986	19,954.2	17,772.9	112
1946	45.2	49.0	92	1987	46,341.8	41,206.1	112
1947	49.5	54.9	90	SOURCES: Column A: Table B34, column C. Column B: Table B35, column C. Column C: Calculated.			
1948	54.3	58.4	93				
1949	59.1	61.2	97				
1950	64.2	65.4	98				
1951	71.4	73.6	97				
1952	74.5	84.1	89				
1953	79.3	82.4	96				
1954	80.8	86.5	93				
1955	100.0	100.0	100				
1956	108.9	105.0	104				
1957	113.2	110.7	102				
1958	124.5	123.5	101				
1959	138.5	126.6	109				
1960	151.9	132.7	114				
1961	188.9	134.9	118				
1962	172.6	136.6	126				
1963	203.1	137.5	148				
1964	221.9	140.5	158				
1965	237.3	145.5	163				
1966	248.1	151.8	163				
1967	263.0	156.4	168				
1968	276.7	160.1	173				
1969	290.6	164.5	177				
1970	305.3	173.2	176				
1971	332.0	178.7	186				
1972	351.0	190.0	185				
1973	395.0	221.4	178				
1974	504.8	290.6	174				

Figure B:12  
MEXICO REAL INDUSTRIAL WAGE INDEX, 1934-87  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B36, column C.

Table B37

## NICARAGUA LONG-TERM INDUSTRIAL WAGE INDEX, 1955-80

Year	Original Industrial Wage Indexes			New Industrial Wage Index
	A. (1940 = 100)	B. (1968 = 100)	C. (1973 = 100)	
1955	574 <sup>a</sup>			100
1956	531 <sup>a</sup>			93
1957	513			89
1958	529			92
1959	533			93
1960	529			92
1961	550			96
1962	618			108
1963	651			113
1964	618			108
1965	677			118
1966	1,084			189
1967	1,152			201
1968	1,234	100		215
1969		108		231
1970		107		229
1971		108		231
1972		113		242
1973		121	100	260
1974		140	116	302
1975		156	129	336
1976		166	139	362
1977			147	383
1978			155	403
1979			201	523
1980			254	661

a. Estimation based upon Consumer Price Index.

SOURCES: Column A: J. L. Martin, p. 226.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1978, p. 428.

Column C: Index calculated from nominal wage statistics provided in ILO-YLS, 1988, p. 555. Includes salaried workers.

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B38

## NICARAGUA LONG-TERM CONSUMER PRICE INDEX, 1940-87

Year	Original Consumer Price Indexes			New Consumer Price Index
	A. (1940 = 100)	B. (1975 = 100)	C. (1985 = 100)	
1940	100			17
1941	98			17
1942	132			23
1943	174			30
1944	297			52
1945	348			61
1946	288			50
1947	311			54
1948	292			51
1949	279			49
1950	332	33.5		58
1951	399			70
1952	401			70
1953	445			78
1954	481			84
1955	574	56.0		100
1956	531			93
1957	513			89
1958	536			93
1959	521			91
1960	511	53.9		89
1961	512			89
1962	510			89
1963	514			90
1964	563			98
1965	585	56.3		102
1966	608			106
1967	618			108
1968	637			111
1969	637			111
1970	675	64.1		118
1971	713	65.1		124
1972		65.8	3.1	126
1973		79.0	3.9	158
1974		97.4	4.4	178
1975		100.0	4.8	194
1976		102.8	4.9	198
1977		114.5	5.4	219
1978		119.8	5.7	231
1979		177.4	8.4	340
1980		240.1	11.4	462
1981			14.1	571
1982			17.6	713
1983			23.1	936
1984			31.3	1,268
1985			100.0	4,050
1986			781.4	31,847
1987			7,907.3	320,251

SOURCES: Column A: J. L. Martin, p. 226.

Column B: World Bank, *World Tables*, vol. 1 (1983), pp. 130-131.

Column C: IMF-IFS-Y, 1990, pp. 542-543.

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B39

NICARAGUA REAL INDUSTRIAL WAGE INDEX, 1955-80  
(1955 = 100)

Year	A. Industrial Wage Index	B. Consumer Price Index	C. New Industrial Wage Index (A/B)
1955	100	100	100
1956	93	93	100
1957	89	89	100
1958	92	93	99
1959	93	91	102
1960	92	89	103
1961	96	89	108
1962	108	89	121
1963	113	90	126
1964	108	98	110
1965	118	102	116
1966	189	106	178
1967	201	108	186
1968	215	111	194
1969	231	111	208
1970	229	118	194
1971	231	124	186
1972	242	126	192
1973	260	158	165
1974	302	178	170
1975	336	194	173
1976	362	196	183
1977	383	219	175
1978	403	231	174
1979	523	340	154
1980	661	462	143

SOURCES: Column A: Table B37, column D.

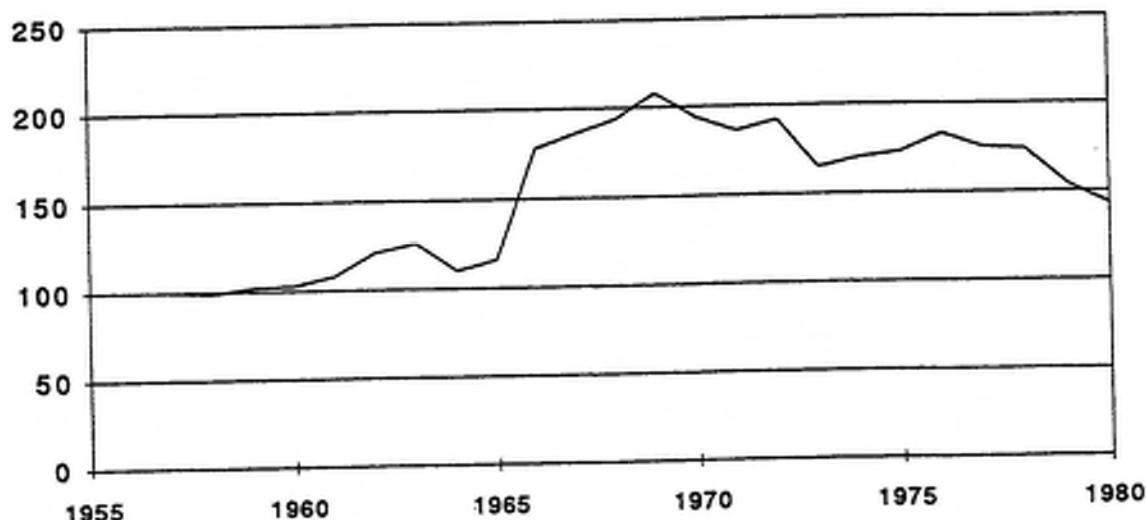
Column B: Table B38, column D.

Column C: Calculated.

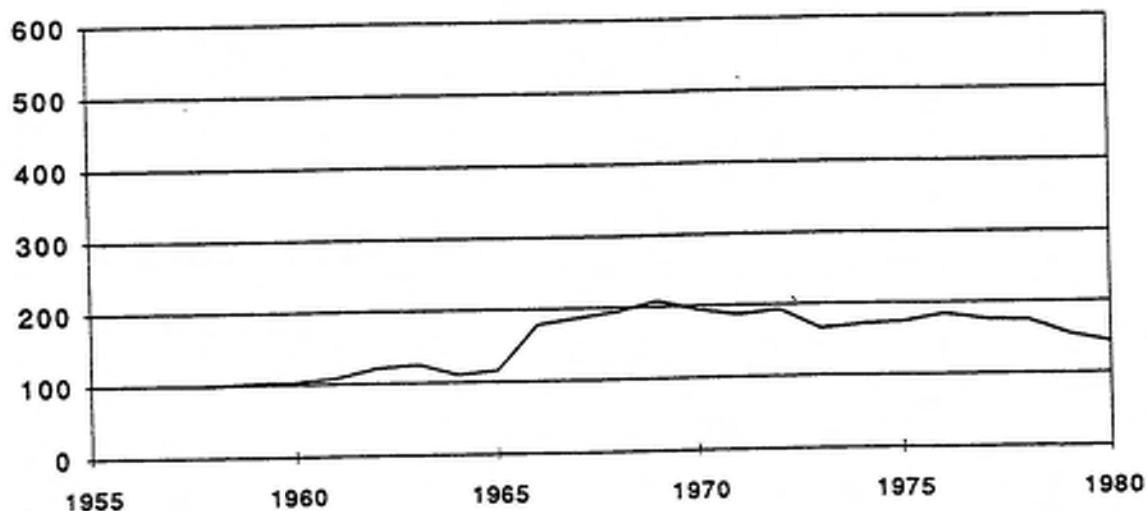
Figure B:13

NICARAGUA REAL INDUSTRIAL WAGE INDEX, 1955-80  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B39, column C.

Table B40

## PANAMA LONG-TERM INDUSTRIAL WAGE INDEX, 1955-85

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1972 = 100)	C. (1955 = 100)
1955	190		100
1956	160		84
1957	168		88
1958	177		93
1959	190		100
1960	224		118
1961	216		114
1962	233		123
1963	259		136
1964	272		143
1965	281		148
1966	289		152
1967	303		159
1968	316		166
1969	320		168
1970	346		182
1971	350		184
1972	337	100	177
1973		106	188
1974		120	212
1975		131	231
1976		137	242
1977		145	257
1978		145	257
1979		152	270
1980		~	~
1981		183	324
1982		187	331
1983		206	366
1984		221	391
1985		222	394

SOURCES: Column A: J. L. Martin, p. 227.

Column B: Index calculated from ILO-YLS, 1982, p. 506, and ILO-YLS,  
1988, p. 813.Column C: Calculated from columns A and B by using overlapping base  
years.

Table B41

## PANAMA LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		53
1941	128		67
1942	153		81
1943	156		82
1944	159		84
1945	162		85
1946	175		92
1947	196		103
1948	200		105
1949	186		98
1950	180		95
1951	188		99
1952	190		100
1953	188		99
1954	190		100
1955	190		100
1956	192		101
1957	192		101
1958	192		101
1959	192		101
1960	192	38.2	101
1961	193	38.4	102
1962	194	38.7	102
1963	193	38.9	102
1964	197	39.8	104
1965	198	40.0	104
1966	199	40.1	105
1967	201	40.6	106
1968	205	41.3	108
1969	208	42.1	109
1970	215	43.4	113
1971	219	44.2	115
1972	231	46.6	122
1973	246	49.8	129
1974	288	57.9	152
1975	304	61.3	160
1976		63.7	166
1977		66.6	174
1978		69.4	181
1979		75.0	196
1980		85.3	223
1981		91.5	239
1982		95.4	249
1983		97.4	254
1984		99.0	258
1985		100.0	261
1986		99.9	261
1987		100.9	263
1988		101.2	264
1989		101.2	264

SOURCES: Column A: J. L. Martin, p. 227.

Column B: IMF-IFS-Y, 1990, pp. 570-571.

Column C: Calculated from columns A and B by using overlapping base years.

Table B42  
PANAMA REAL INDUSTRIAL WAGE INDEX, 1955-85  
(1955 = 100)

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1955	100	100	100
1956	84	101	83
1957	88	101	87
1958	93	101	92
1959	100	101	99
1960	118	101	117
1961	114	102	112
1962	123	102	121
1963	136	102	133
1964	143	104	138
1965	148	104	142
1966	152	105	145
1967	159	106	150
1968	166	108	154
1969	168	109	154
1970	182	113	161
1971	184	115	160
1972	177	122	145
1973	188	129	146
1974	212	152	139
1975	231	160	144
1976	242	166	146
1977	257	174	148
1978	257	181	142
1979	270	196	138
1980	~	223	~
1981	324	239	136
1982	331	249	133
1983	366	254	144
1984	391	258	152
1985	394	261	151

SOURCES: Column A: Table B40, column C.

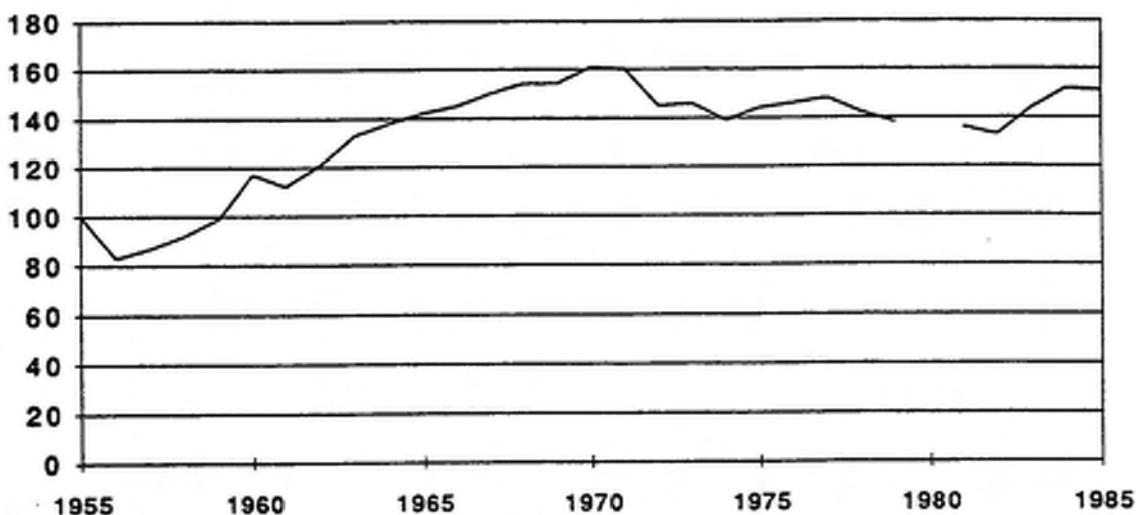
Column B: Table B41, column C.

Column C: Calculated.

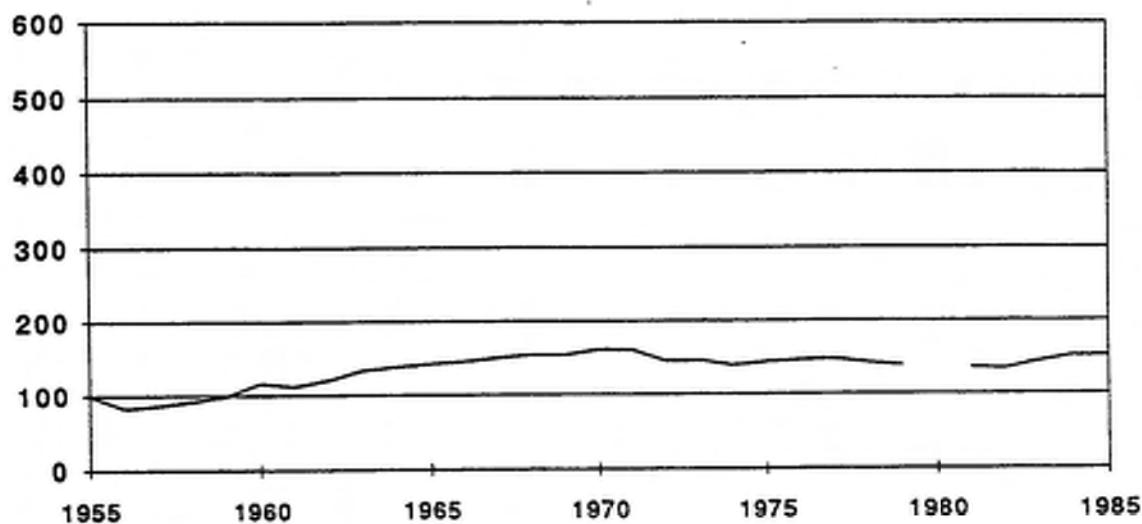
Figure B:14

PANAMA REAL INDUSTRIAL WAGE INDEX, 1955-85  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B42, column C.

Table B43  
PERU LONG-TERM INDUSTRIAL WAGE INDEX, 1940-87

Year	Original Industrial Wage Indexes		New Industrial Wage Index	Original Industrial Wage Indexes		New Industrial Wage Index		
	A. (1940 = 100)	B. (1973 = 100)	C. (1978 = 100)	D. (1955 = 100)	A. (1940 = 100)	B. (1973 = 100)	C. (1978 = 100)	D. (1955 = 100)
1940	100		12.5		1975	130		1,144.5
1941	102		12.7		1976	166		1,458.7
1942	104		13.0		1977	201		1,768.4
1943	108		13.4		1978	275	100	2,419.2
1944	113		14.1		1979	401	146	3,539.3
1945	144		17.9		1980	754	274	6,630.2
1946	171		21.3		1981	1,260	457	11,065.6
1947	262		32.6		1982	2,099	761	18,412.6
1948	336		41.8		1983		1,315	31,807.6
1949	434		54.0		1984		2,326	56,268.4
1950	537		66.9		1985		4,948	119,704.6
1951	590		73.5		1986		13,081	316,464.4
1952	655		81.6		1987		26,706	646,055.3
1953	720		89.7					
1954	754		93.9					
1955	803		100.0					
1956	866		107.8					
1957	1,009		125.7					
1958	1,120		139.5					
1959	1,313		163.5					
1960	1,480		184.3					
1961	1,766		219.9					
1962	1,958		243.8					
1963	2,105		262.1					
1964	2,341		291.5					
1965	2,727		339.6					
1966	2,959		368.5					
1967	3,255		405.4					
1968	3,630		452.1					
1969	4,062		505.9					
1970	4,351		541.8					
1971	4,646		578.6					
1972	5,757		716.9					
1973	7,064	100	879.7					
1974	8,745	123	1,086.2					

SOURCES: Column A: J. L. Martin, p. 229.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 555.

Data are for Lima in May of each year. Data prior to 1980 are for June of each year.

Column C: Index calculated from nominal wage statistics provided in ILO-YLS, 1988, p. 813.

Data are for Lima in May of each year.

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B44  
PERU LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes			New Consumer Price Index
	A. (1940 = 100)	B. (1975 = 100)	C. (1985 = 100)	D. (1955 = 100)
1940	100			17.4
1941	108			18.8
1942	121			21.1
1943	134			23.3
1944	152			26.5
1945	170			29.6
1946	186			32.4
1947	217			37.8
1948	314			54.7
1949	360			62.7
1950	404			70.4
1951	445			77.5
1952	476	12.6		82.9
1953	519	13.8		90.4
1954	548	14.5		95.5
1955	574	15.2		100.0
1956	605	16.0		105.4
1957	650	17.2		113.2
1958	701	18.5		122.1
1959	791	20.9		137.8
1960	852	22.7		148.4
1961	914	24.1		158.2
1962	971	25.7		169.2
1963	1,033	27.2		180.0
1964	1,142	29.9		199.0
1965	1,332	34.7		232.1
1966	1,462	37.9		254.7
1967	1,806	41.6		279.8
1968	1,912	49.5		333.1
1969	2,021	52.6		352.1
1970	2,130	55.2		371.1
1971	2,275	59.0		396.3
1972	2,438	63.2		424.7
1973	2,670	69.2		465.2
1974	3,119	80.9		543.4
1975	3,867	100.0		673.7
1976		133.5	1	899.4
1977		184.3	1	1,241.6
1978		290.9	1	1,989.8
1979		484.9	2	3,266.7
1980		772.0	3	5,200.9
1981		1,354.0	5	9,121.8
1982			9	16,419.3
1983			18	32,838.5
1984			38	69,325.7
1985			100	182,436.2
1986			178	324,736.4
1987			331	603,863.7
1988			2,536	4,626,581.4
1989			88,733	161,881,092.1

SOURCES: Column A: J. L. Martin, p. 229.

Column B: IMF-IFS-Y, 1982, pp. 368-369.

Column C: IMF-IFS-Y, 1990, p. 583.

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B45  
PERU REAL INDUSTRIAL WAGE INDEX, 1940-87  
(1955 = 100)

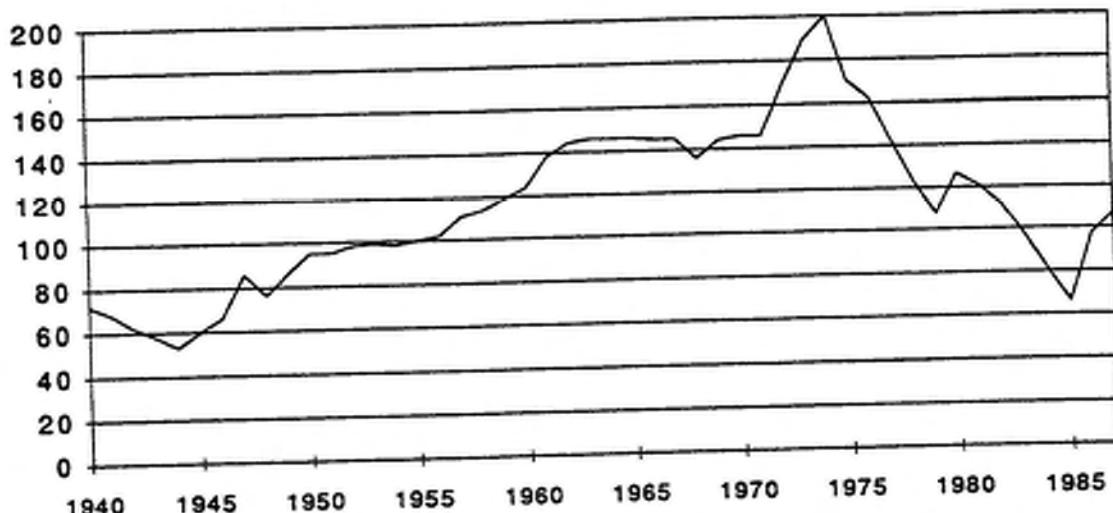
Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1940	12.5	17.4	72
1941	12.7	18.8	68
1942	13.0	21.1	62
1943	13.4	23.3	58
1944	14.1	26.5	53
1945	17.9	29.6	60
1946	21.3	32.4	66
1947	32.6	37.8	86
1948	41.8	54.7	76
1949	54.0	62.7	86
1950	66.9	70.4	95
1951	73.5	77.5	95
1952	81.6	82.9	98
1953	89.7	90.4	99
1954	93.9	95.5	98
1955	100.0	100.0	100
1956	107.8	105.4	102
1957	125.7	113.2	111
1958	139.5	122.1	114
1959	163.5	137.8	119
1960	184.3	148.4	124
1961	219.9	159.2	138
1962	243.8	169.2	144
1963	262.1	180.0	146
1964	291.5	199.0	146
1965	339.6	232.1	146
1966	368.5	254.7	145
1967	405.4	279.8	145
1968	452.1	333.1	136
1969	505.9	352.1	144
1970	541.8	371.1	146
1971	578.6	396.3	146
1972	716.9	424.7	169
1973	879.7	465.2	189
1974	1,086.2	543.4	200
1975	1,144.5	673.7	170
1976	1,458.7	899.4	162
1977	1,768.4	1,241.6	142
1978	2,419.2	1,959.8	123
1979	3,539.3	3,266.7	108
1980	6,630.2	5,200.9	127
1981	11,065.6	9,121.8	121
1982	18,412.6	16,419.3	112
1983	31,807.6	32,838.5	97
1984	56,268.4	69,325.7	81
1985	119,704.6	182,436.2	66
1986	316,464.4	324,736.4	97
1987	646,055.3	603,863.7	107

SOURCES: Column A: Table B43, column D.  
 Column B: Table B44, column D.  
 Column C: Calculated.

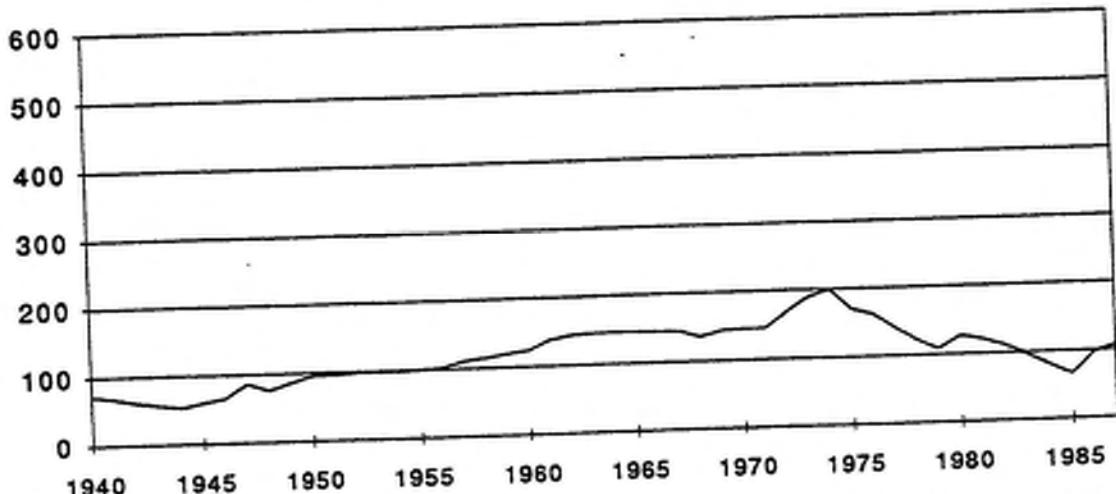
Figure B:15

PERU REAL INDUSTRIAL WAGE INDEX, 1940-87  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B45, column C.

Table B46  
URUGUAY LONG-TERM INDUSTRIAL WAGE INDEX, 1951-87

Year	Original Industrial Wage Indexes			New Industrial Wage Index
	A. (1940 = 100)	B. (1968 = 100)	C. (1984 = 100)	
1951	188			64
1952	201			68
1953	229			78
1954	264			89
1955	295			100
1956	360			122
1957	465			158
1958	~			~
1959	~			~
1960	~			~
1961	~			~
1962	~			~
1963	~			~
1964	~			~
1965	~			~
1966	~			~
1967	12,700			4,305
1968	26,416			8,955
1969	33,971			11,516
1970	37,572			12,736
1971	48,205			16,341
1972	71,536			24,249
1973	136,133	515		46,147
1974	239,457	906		81,172
1975	347,932	1,492		117,943
1976		2,031		160,551
1977		2,758		218,021
1978		3,788		299,443
1979		5,685		449,401
1980		8,844		699,121
1981		12,653		1,000,224
1982		14,604		1,154,451
1983		17,286		1,366,464
1984		26,203	100.0	2,071,355
1985		54,945	169.8	3,517,161
1986			322.2	6,673,906
1987			572.5	11,858,508

SOURCES: Column A: J. L. Martin, p. 230.

Column B: ILO-YLS, 1983, p. 555, and ILO-YLS, 1986, p. 700. Index of wages of private sector employees in Montevideo.

Column C: ILO-YLS, 1988, p. 814. Includes salaried workers.

Column D: Calculated from columns A, B, and C by using overlapping base years.

Table B47

## URUGUAY LONG-TERM CONSUMER PRICE INDEX, 1940-88

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		35.6
1941	99		35.2
1942	102		36.3
1943	107		38.1
1944	110		39.1
1945	126		44.8
1946	139		49.5
1947	160		56.9
1948	164		58.4
1949	172		61.2
1950	165		58.7
1951	188		66.9
1952	215		76.5
1953	251		89.3
1954	256		91.1
1955	281		100.0
1956	301		107.1
1957	344		122.4
1958	406		144.5
1959	566		201.4
1960	782		278.3
1961	960		341.6
1962	1,065		379.0
1963	1,284		456.9
1964	1,839		654.4
1965	2,879		1,024.6
1966	4,973		1,769.8
1967	9,403		3,346.3
1968	21,195	.1	7,542.7
1969	25,624	.1	9,118.9
1970	29,827	.1	10,614.6
1971	36,955	.1	13,151.2
1972	65,266	.3	23,226.3
1973	128,495	.5	45,727.8
1974	227,693	.9	81,029.5
1975	399,146	1.7	142,044.8
1976		2.5	208,889.5
1977		4.0	334,223.2
1978		5.8	484,623.6
1979		9.6	802,135.6
1980		15.7	1,311,826.0
1981		21.1	1,763,027.2
1982		25.1	2,097,250.4
1983		37.4	3,124,986.7
1984		58.1	4,854,591.6
1985		100.0	8,355,579.4
1986		176.4	14,739,242.0
1987		288.5	24,105,846.5
1988		467.9	39,095,755.9

SOURCES: Column A: J. L. Martin, p. 230.

Column B: IMF-IFS-Y, 1990, pp. 736-737.

Column C: Calculated from columns A and B by using overlapping base years.

Table B48  
URUGUAY REAL INDUSTRIAL WAGE INDEX, 1951-87  
(1955 = 100)

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1951	64	66.9	96
1952	68	76.5	89
1953	78	89.3	87
1954	89	91.1	98
1955	100	100.0	100
1956	122	107.1	114
1957	158	122.4	129
1958	~	144.5	~
1959	~	201.4	~
1960	~	278.3	~
1961	~	341.6	~
1962	~	379.0	~
1963	~	456.9	~
1964	~	654.4	~
1965	~	1,024.6	~
1966	~	1,769.8	~
1967	4,305	3,346.3	129
1968	8,955	7,542.7	119
1969	11,516	9,118.9	126
1970	12,736	10,614.6	120
1971	16,341	13,151.2	124
1972	24,249	23,226.3	104
1973	46,147	45,727.8	101
1974	81,172	81,029.5	100
1975	117,943	142,044.8	83
1976	160,551	208,889.5	77
1977	218,021	334,223.2	65
1978	299,443	484,623.6	62
1979	449,401	802,135.6	56
1980	669,121	1,311,826.0	53
1981	1,000,224	1,763,027.2	57
1982	1,154,451	2,097,250.4	55
1983	1,386,484	3,124,986.7	44
1984	2,071,355	4,854,591.6	43
1985	3,517,161	8,355,579.4	42
1986	6,673,906	14,739,242.0	45
1987	11,858,508	24,105,846.5	49

SOURCES: Column A: Table B46, column D.

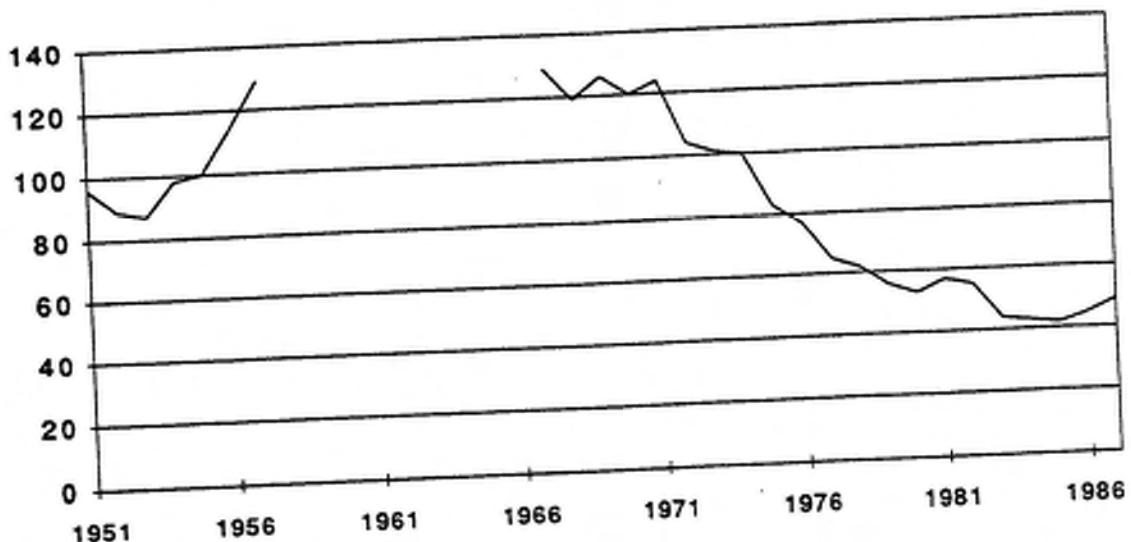
Column B: Table B47, column C.

Column C: Calculated.

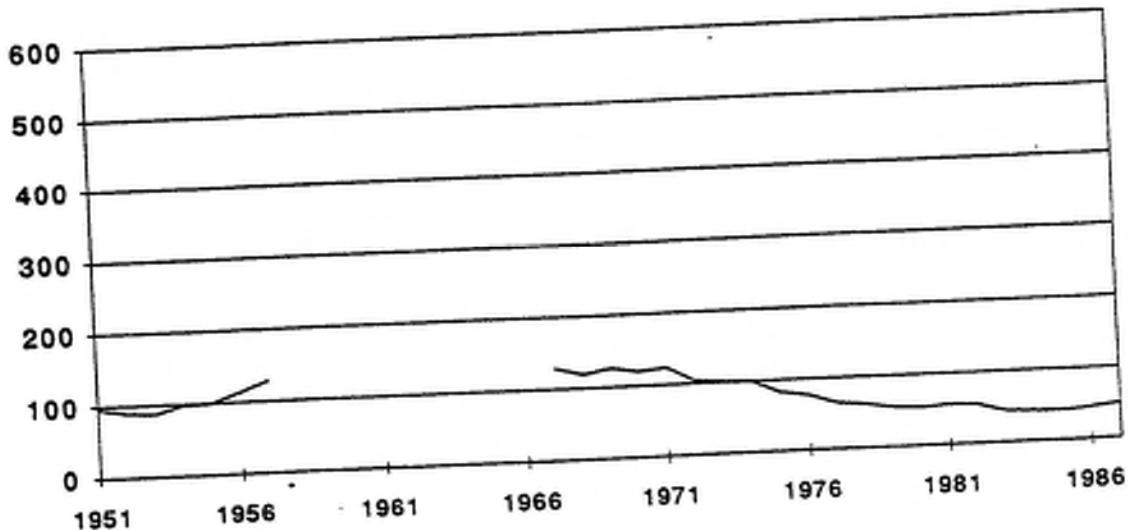
Figure B:16

URUGUAY REAL INDUSTRIAL WAGE INDEX, 1951-87  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B4B, column C.

Table B49

## VENEZUELA LONG-TERM INDUSTRIAL WAGE INDEX, 1953-87

Year	Original Industrial Wage Index			New Industrial Wage Index
	A. (1940 = 100)	B. (1973 = 100)	C. (1978 = 100)	D. (1955 = 100)
1953	198			93
1954	196			92
1955	212			100
1956	219			103
1957	251			118
1958	~			~
1959	~			~
1960	~			~
1961	~			~
1962	~			~
1963	~			~
1964	269			127
1965	282			133
1966	287			135
1967	301			142
1968	326			154
1969	317			150
1970	342			161
1971	364			172
1972	390			184
1973	388	100		183
1974	457	118		216
1975		135		247
1976		139		254
1977		151		278
1978		171	100	314
1979		199	178	560
1980		240	224	702
1981		270	260	817
1982		~		~
1983		~		~
1984		~		~
1985		~		~
1986			272	853
1987			398	1,249

SOURCES: Column A: J. L. Martin, p. 231.

Column B: Index created from nominal wage statistics provided in ILO-YLS,  
1983, p. 555.Column C: Index created from nominal wage statistics provided in ILO-YLS,  
1988, p. 814.Column D: Calculated from columns A, B, and C by using overlapping base  
years.

Table B50  
VENEZUELA LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		51
1941	99		50
1942	109		55
1943	120		61
1944	138		70
1945	138		70
1946	147		74
1947	170		86
1948	204		103
1949	200		101
1950	198		100
1951	202		102
1952	200		101
1953	198		100
1954	198		100
1955	198		100
1956	198		100
1957	200		101
1958	210		106
1959	221		112
1960	228	24.0	115
1961	221	23.3	112
1962	220	23.2	111
1963	221	23.5	112
1964	224	24.0	113
1965	227	24.4	115
1966	231	24.8	117
1967	231	24.8	117
1968	234	25.2	118
1969	240	25.8	121
1970	246	26.4	124
1971	254	27.3	128
1972	262	28.0	132
1973	272	29.2	137
1974	295	31.6	149
1975	324	34.9	164
1976		37.5	176
1977		40.4	189
1978		43.3	203
1979		48.7	228
1980		59.1	277
1981		68.7	322
1982		75.3	353
1983		80.0	375
1984		89.8	421
1985		100.0	469
1986		111.5	523
1987		142.9	670
1988		185.0	867
1989		341.3	1,600

SOURCES: Column A: J. L. Martin, p. 231.

Column B: IMF-IFS-Y, 1990, pp. 744-745.

Column C: Calculated from columns A and B by using overlapping base years.

Table B51

**VENEZUELA REAL INDUSTRIAL WAGE INDEX, 1953-87**  
**(1955 = 100)**

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1953	93	100	93
1954	92	100	92
1955	100	100	100
1956	103	100	103
1957	118	101	117
1958	~	106	~
1959	~	112	~
1960	~	115	~
1961	~	112	~
1962	~	111	~
1963	~	112	~
1964	127	113	112
1965	133	115	116
1966	135	117	115
1967	142	117	121
1968	154	118	131
1969	150	121	124
1970	161	124	130
1971	172	128	134
1972	184	132	139
1973	183	137	134
1974	216	149	145
1975	247	164	151
1976	254	176	144
1977	278	189	147
1978	314	203	155
1979	560	228	246
1980	702	277	253
1981	817	322	254
1982	~	353	~
1983	~	375	~
1984	~	421	~
1985	~	469	~
1986	853	523	163
1987	1,249	670	186

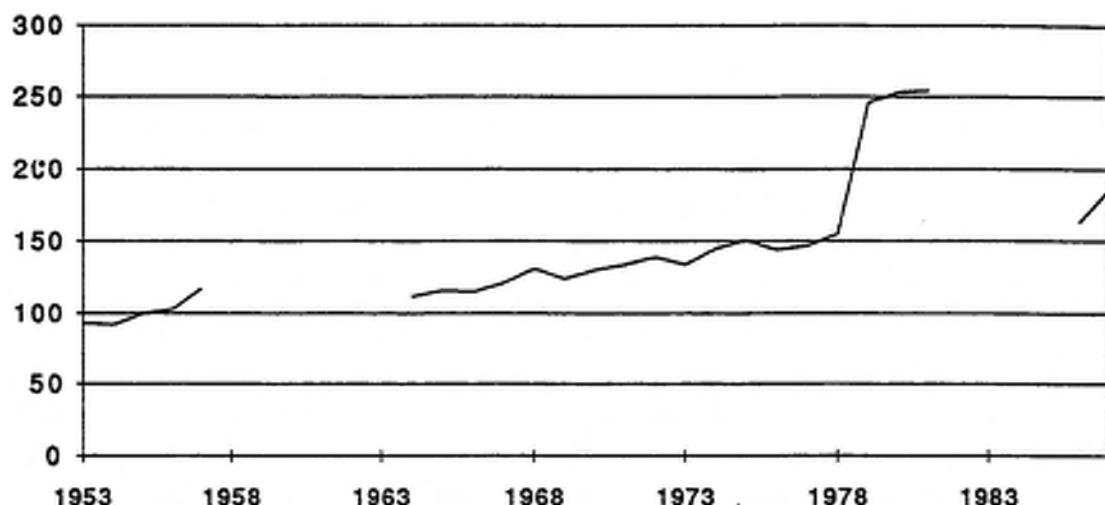
SOURCES: Column A: Table B49, column D.

Column B: Table B50, column C.

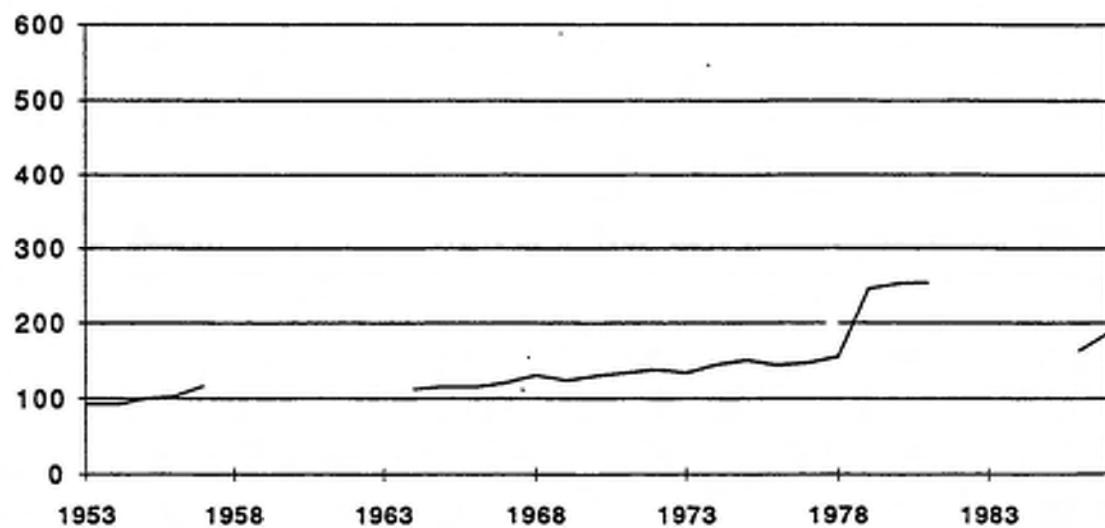
Column C: Calculated.

Figure B:17  
VENEZUELA REAL INDUSTRIAL WAGE INDEX, 1953-87  
(1955 = 100)

PART I.



PART II.



SOURCE: Table B51, column C.

Table B52

## UNITED STATES LONG-TERM INDUSTRIAL WAGE INDEX, 1940-87

Year	Original Industrial Wage Indexes		New Industrial Wage Index
	A. (1940 = 100)	B. (1975 = 100)	C. (1955 = 100)
1940	100		35.1
1941	110		38.6
1942	129		45.3
1943	145		50.9
1944	154		54.0
1945	155		54.4
1946	164		57.5
1947	187		65.6
1948	204		71.6
1949	212		74.4
1950	222		77.9
1951	241		84.6
1952	253		88.8
1953	268		94.0
1954	274		96.1
1955	285		100.0
1956	299		104.9
1957	314		110.2
1958	323		113.3
1959	335		117.5
1960	346		121.4
1961	355		124.6
1962	366		128.4
1963	377		132.3
1964	387		135.8
1965	399		140.0
1966	416		146.0
1967	433		151.9
1968	461		161.8
1969	488		171.2
1970	514		180.4
1971	546		191.6
1972	583		204.6
1973	623	85	218.6
1974	673	92	236.1
1975	728	100	255.4
1976		108	276.1
1977		118	300.4
1978		128	326.3
1979		139	354.3
1980		151	384.5
1981		165	422.5
1982		176	449.0
1983		183	467.0
1984		190	486.0

SOURCES: Column A: J. L. Martin, p. 232.

Column B: Index calculated from nominal wage statistics provided in ILO-YLS, 1983, p. 555, and ILO-YLS, 1988, p. 813.

Column C: Calculated from columns A and B by using overlapping base years.

Table B53

## UNITED STATES LONG-TERM CONSUMER PRICE INDEX, 1940-89

Year	Original Consumer Price Indexes		New Consumer Price Index
	A. (1940 = 100)	B. (1985 = 100)	C. (1955 = 100)
1940	100		73
1941	100		73
1942	102		74
1943	101		74
1944	104		76
1945	107		78
1946	109		80
1947	112		82
1948	112		82
1949	114		83
1950	123		90
1951	133		97
1952	136		99
1953	137		100
1954	137		100
1955	137		100
1956	137		100
1957	139		101
1958	144		105
1959	148		108
1960	149	27.5	109
1961	151	27.8	110
1962	153	28.1	112
1963	155	28.5	113
1964	157	28.8	115
1965	162	29.3	118
1966	166	30.2	121
1967	171	31.0	125
1968	178	32.3	130
1969	188	34.1	137
1970	199	36.1	145
1971	207	37.6	151
1972	214	38.9	156
1973	228	41.3	166
1974	253	45.8	185
1975	275	50.0	201
1976		52.9	212
1977		56.3	226
1978		60.6	243
1979		67.5	271
1980		76.6	308
1981		84.5	339
1982		89.7	360
1983		92.6	372
1984		96.6	388
1985		100.0	401
1986		101.9	409
1987		105.7	424
1988		109.9	441
1989		115.2	462

SOURCES: Column A: J. L. Martin, p. 232.

Column B: IM-IFS-Y, 1990, pp. 730-731.

Column C: Calculated from columns A and B by using overlapping base years.

Table B54

**UNITED STATES REAL INDUSTRIAL WAGE INDEX, 1940-89**  
**(1955 = 100)**

Year	A. Industrial Wage Index	B. Consumer Price Index	C. Real Industrial Wage Index (A/B)
1940	35.1	73	48
1941	38.6	73	53
1942	45.3	74	61
1943	50.9	74	69
1944	54.0	76	71
1945	54.4	78	70
1946	57.5	80	72
1947	65.6	82	80
1948	71.6	82	87
1949	74.4	83	90
1950	77.9	90	87
1951	84.6	97	87
1952	88.8	99	90
1953	94.0	100	94
1954	96.1	100	96
1955	100.0	100	100
1956	104.9	100	105
1957	110.2	101	109
1958	113.3	105	108
1959	117.5	108	109
1960	121.4	109	111
1961	124.6	110	113
1962	128.4	112	115
1963	132.3	113	117
1964	135.8	115	118
1965	140.0	118	119
1966	146.0	121	121
1967	151.9	125	122
1968	161.8	130	124
1969	171.2	137	125
1970	180.4	145	124
1971	191.5	151	127
1972	204.6	156	131
1973	218.6	166	132
1974	236.1	185	128
1975	255.4	201	127
1976	276.1	212	130
1977	300.4	226	133
1978	326.3	243	134
1979	354.3	271	131
1980	384.5	308	125
1981	422.5	339	125
1982	449.0	360	125
1983	467.0	372	126
1984	486.0	388	125
1985	504.5	401	126
1986	514.6	409	126
1987	524.1	424	124

SOURCES: Column A: Table B52, column C.

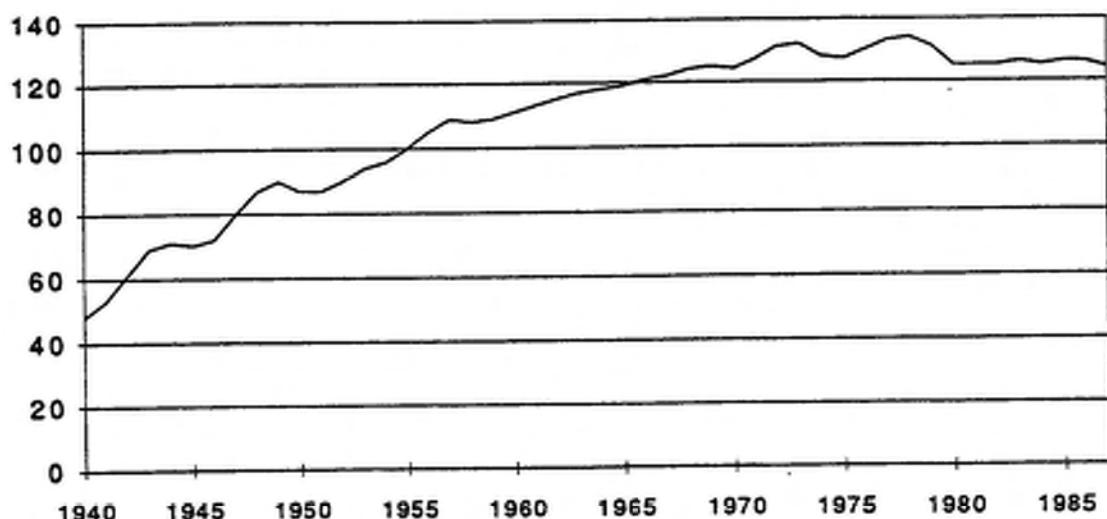
Column B: Table B53, column C.

Column C: Calculated.

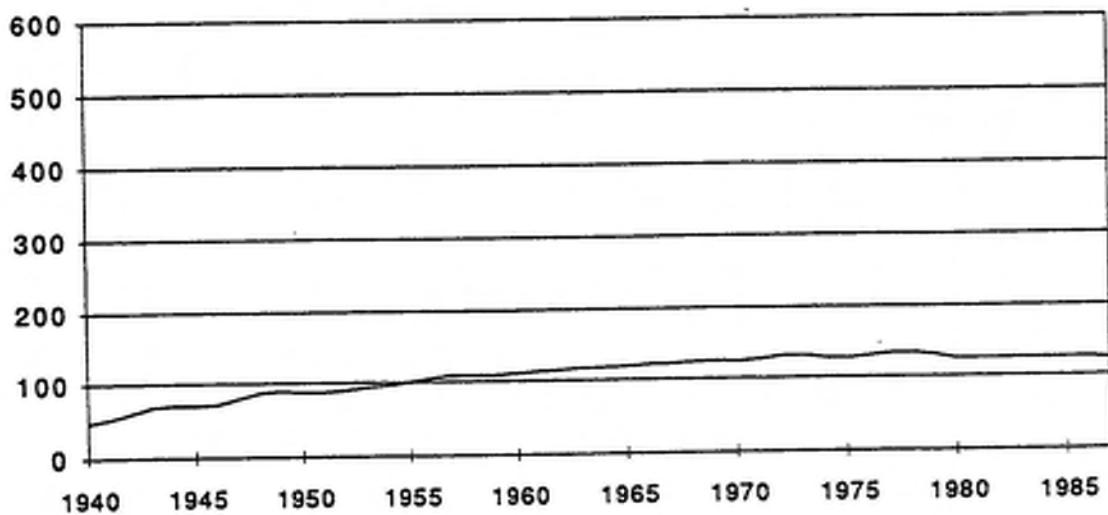
Figure B:18

UNITED STATES REAL INDUSTRIAL WAGE INDEX, 1940-87  
(1955 = 100)

## PART I.



## PART II.



SOURCE: Table B54, column C.