

**ANNEXES**

# Chapter 2

**Table A2.1: Surveys Used to calculate the HOI**

Description of the surveys used to calculate the HOI				
Country	Circa 1995	Circa 2010	Coverage	Survey
Argentina	1998	2008	Urban	Encuesta Permanente de Hogares
Bolivia		2007	National	Encuesta Continua de Hogares
Brazil	1995	2008	National	Pesquisa Nacional por Amostra de Domicilios
Chile	1996	2006	National	Encuesta de Caracterización Socioeconómica Nacional
Colombia	1997	2008	National	Encuesta de Calidad de Vida
Costa Rica	1994	2009	National	Encuesta de Hogares de Propósitos Múltiples
Dominican Republic	2000	2008	National	Encuesta Nacional de Fuerza de Trabajo
Ecuador	1995	2006	National	Encuesta de Condiciones de Vida
El Salvador	1998	2007	National	Encuesta de Hogares de Propósitos Múltiples
Guatemala	2000	2006	National	Encuesta Nacional sobre Condiciones de Vida
Honduras	1999	2006	National	Encuesta Permanente de Hogares de Propósitos Múltiples
Jamaica	1996	2002	National	Jamaica Survey of Living Conditions
Mexico	1996	2008	National	Encuesta Nacional de Ingresos y Gastos de los Hogares
Nicaragua	1998	2005	National	Encuesta Nacional de Hogares sobre Medición de Nivel de Vida
Panama	1997	2003	National	Encuesta de Niveles de Vida
Paraguay	1999	2008	National	Encuesta Permanente de Hogares
Peru	1998	2008	National	Encuesta Nacional de Hogares
Uruguay	2006	2008	National	Encuesta Nacional de Hogares Ampliada
Venezuela, R.B de	1995	2005	National	Encuesta de Hogares por Muestreo

Source: The World Bank and Universidad de La Plata (CEDLAS) Socioeconomic Database for Latin America and the Caribbean.

**Table A2.2:**  
**Overall Human Opportunity Index and Decomposition in Latin American and Caribbean Countries (1995 and 2010)**

Overall Human Opportunity Index and Decomposition in Latin American and Caribbean Countries (1995 and 2010)

Country	Opportunity index (%)				Decomposition (p.p.)					Decomposition (%)			Extrapolation (%)		
	Circa 1995	If the population of 2010 lived in 1995	Considering the inequality of 2010 and the average	Circa 2010	Annual rate of change (p.p.)	Composition Effect	Coverage Effect			Composition Effect	Coverage Effect			1995	2010
							Total	Equalization Effect	Scale Effect		Total	Equalization Effect	Scale Effect		
Argentina	86.1	90.6	89.4	88.3	0.2	0.45	-0.23	-0.12	-0.11	204	-104	-55	-49	85.4	88.8
Brazil	57.0	70.7	72.8	75.7	1.4	1.05	0.39	0.16	0.23	73	27	11	16	57.0	78.6
Chile	83.0	89.0	90.1	91.6	0.9	0.60	0.26	0.11	0.16	70	30	12	18	82.2	95.1
Colombia	67.1	73.3	75.4	78.7	1.1	0.56	0.50	0.20	0.30	53	47	19	28	65.0	80.9
Costa Rica	77.3	83.2	84.5	88.2	0.7	0.39	0.34	0.09	0.25	54	46	12	34	78.0	88.9
Dominican Republic	63.8	73.6	73.6	72.7	1.1	1.23	-0.12	0.00	-0.12	110	-10	0	-11	58.2	74.9
Ecuador	59.8	46.1	50.0	75.7	1.4	-1.25	2.70	0.36	2.34	-86	186	25	161	59.8	81.5
El Salvador	43.9	38.3	41.3	52.8	1.0	-0.62	1.61	0.33	1.28	-62	162	33	129	40.9	55.8
Guatemala	42.9	48.0	49.2	51.1	1.4	0.85	0.51	0.19	0.32	62	38	14	24	36.1	56.5
Honduras	41.7	44.8	45.1	47.6	0.8	0.44	0.39	0.04	0.36	53	47	4	43	38.4	50.9
Jamaica	79.5	79.7	79.7	81.2	0.3	0.04	0.25	0.00	0.25	15	85	-1	86	79.2	83.5
Mexico	65.4	81.9	83.2	86.3	1.7	1.37	0.37	0.11	0.25	79	21	7	15	63.6	89.7
Nicaragua	35.0	38.6	39.8	46.3	1.6	0.52	1.10	0.17	0.92	32	68	11	57	30.1	54.3
Panama	65.7	69.5	69.6	68.6	0.5	0.63	-0.15	0.02	-0.17	130	-30	4	-34	64.7	72.0
Paraguay	60.7	69.5	68.6	71.0	1.1	0.97	0.17	-0.10	0.27	85	15	-9	24	56.1	73.3
Peru	54.8	60.5	63.4	68.7	1.4	0.57	0.82	0.28	0.54	41	59	20	39	50.7	71.5
Uruguay	89.0	91.3	91.0	90.5	0.7	1.12	-0.41	-0.15	-0.26	157	-57	-21	-36	81.2	91.9
Venezuela, R.B de	82.1	91.3	90.2	86.6	0.5	0.92	-0.47	-0.11	-0.35	204	-104	-25	-79	82.1	88.9
LAC Average	64.2	68.9	69.8	73.4	1.0	0.5	0.4	0.1	0.3	55	45	10	35	61.7	76.5

Source: Author's calculations based on household surveys

**Table A2.3:**  
**Human Opportunity Index in Education and Decomposition Latin American and Caribbean Countries: National, 1995 and 2010**

Opportunity index in Education and Decomposition Latin American and Caribbean countries: National, 1995 and 2010

Countries	Opportunity index (%)					Decomposition (p.p.)				Decomposition (%)				Extrapolation (%)	
	Circa 1995	If the population of 2010 lived in 1995	Considering the inequality of 2010 and the average	Circa 2010	Annual rate of change (p.p.)	Composition Effect	Coverage Effect			Composition Effect	Coverage Effect			1995	2010
							Total	Equalization Effect	Scale Effect		Total	Equalization Effect	Scale Effect		
Argentina	90.6	93.8	93.2	89.7	-0.1	0.32	-0.41	-0.06	-0.35	-328	428	66	362	90.9	89.5
Brazil	50.9	60.3	62.6	66.1	1.2	0.72	0.45	0.18	0.27	61	39	15	23	50.9	68.4
Chile	85.6	89.0	89.5	90.2	0.5	0.34	0.12	0.05	0.07	73	27	11	16	85.1	92.1
Colombia	67.9	71.9	75.1	81.3	1.2	0.36	0.85	0.30	0.56	30	70	24	46	65.5	83.7
Costa Rica	70.8	77.5	78.3	81.0	0.7	0.45	0.23	0.05	0.18	66	34	8	26	71.5	81.6
Dominican Republic	67.7	74.1	74.7	74.9	0.9	0.80	0.11	0.08	0.03	88	12	9	3	63.1	76.7
Ecuador	71.8	71.7	74.3	82.7	1.0	-0.01	1.00	0.23	0.76	-1	101	24	77	71.8	86.6
El Salvador	54.6	51.5	54.3	65.9	1.3	-0.34	1.60	0.31	1.29	-27	127	25	103	50.8	69.7
Guatemala	45.2	49.2	50.5	52.4	1.2	0.68	0.54	0.21	0.33	56	44	17	27	39.1	57.3
Honduras	52.9	55.7	57.4	63.5	1.5	0.40	1.11	0.23	0.88	27	73	15	58	46.9	69.6
Jamaica	92.1	92.6	92.9	94.0	0.3	0.09	0.22	0.04	0.18	29	71	12	59	91.8	96.5
Mexico	76.0	86.7	87.7	89.6	1.1	0.88	0.24	0.08	0.16	79	21	7	14	74.9	91.8
Nicaragua	49.5	52.5	53.9	59.0	1.4	0.43	0.93	0.19	0.74	31	69	14	55	45.5	65.8
Panama	78.3	81.3	81.3	80.7	0.4	0.49	-0.09	0.00	-0.09	123	-23	1	-24	77.6	83.5
Paraguay	68.1	74.0	74.3	74.1	0.6	0.59	0.01	0.03	-0.02	98	2	5	-3	66.3	75.3
Peru	71.9	76.1	78.3	84.6	1.3	0.42	0.85	0.22	0.63	33	67	17	49	68.1	87.1
Uruguay	85.6	87.1	87.0	86.6	0.5	0.72	-0.24	-0.06	-0.18	150	-50	-13	-37	80.3	87.6
Venezuela, R.B de	77.1	85.5	85.4	84.0	0.7	0.84	-0.15	-0.01	-0.13	121	-21	-2	-20	77.1	87.5
LAC Average	69.8	73.9	75.0	77.8	0.9	0.5	0.4	0.1	0.3	53	47	13	34	67.6	80.6

Source: Author's calculations based on household surveys

**Table A2.4:**  
**Human Opportunity Index in Housing Conditions and Decomposition in Latin American and Caribbean Countries: National, 1995 and 2010**

Opportunity index in Housing Conditions and Decomposition in Latin American and Caribbean countries: National, 1995 and 2010

Countries	Opportunity index (%)				Decomposition (p.p.)					Decomposition (%)			Extrapolation (%)		
	Circa 1995	If the population of 2010 lived in 1995	Considering the inequality of 2010 and the average probability of 1995	Circa 2010	Annual rate of change (p.p.)	Composition Effect	Coverage Effect			Composition Effect	Coverage Effect			1995	2010
							Total	Equalization Effect	Scale Effect		Total	Equalization Effect	Scale Effect		
Argentina	81.5	87.4	85.7	86.9	0.5	0.59	-0.05	-0.18	0.13	109	-9	-33	24	79.9	88.0
Brazil	63.2	81.1	83.0	85.3	1.7	1.38	0.32	0.14	0.18	81	19	8	10	63.2	88.7
Chile	80.5	89.1	90.7	93.1	1.3	0.86	0.40	0.16	0.24	68	32	13	19	79.2	98.1
Colombia	66.3	74.6	75.7	76.2	0.9	0.76	0.14	0.10	0.04	84	16	11	5	64.5	78.0
Costa Rica	83.8	88.9	90.7	95.5	0.8	0.34	0.44	0.12	0.32	43	57	16	41	84.6	96.3
Dominican Republic	59.9	73.1	72.5	70.4	1.3	1.66	-0.34	-0.07	-0.26	126	-26	-6	-20	53.3	73.1
Ecuador	47.7	20.4	25.7	68.8	1.9	-2.48	4.40	0.48	3.91	-130	230	25	205	47.7	76.4
El Salvador	33.1	25.1	28.2	39.7	0.7	-0.90	1.62	0.35	1.27	-124	224	49	175	31.0	41.8
Guatemala	40.7	46.8	47.8	49.7	1.5	1.02	0.49	0.17	0.32	68	32	11	21	33.2	55.8
Honduras	30.5	33.9	32.8	31.6	0.2	0.48	-0.33	-0.16	-0.17	320	-220	-105	-114	29.9	32.2
Jamaica	66.8	66.8	66.5	68.4	0.3	0.00	0.27	-0.05	0.32	-1	101	-17	118	66.5	70.5
Mexico	54.7	77.1	78.8	83.0	2.4	1.86	0.49	0.15	0.35	79	21	6	15	52.4	87.7
Nicaragua	20.4	24.7	25.8	33.5	1.9	0.61	1.26	0.16	1.10	33	67	8	59	14.8	42.9
Panama	53.0	57.6	57.9	56.4	0.6	0.78	-0.20	0.04	-0.24	135	-35	6	-41	51.8	60.5
Paraguay	53.3	64.9	66.8	67.4	1.4	1.16	0.25	0.19	0.06	83	17	13	4	49.1	70.2
Peru	37.8	45.0	48.4	52.9	1.5	0.72	0.79	0.34	0.44	48	52	23	29	33.3	55.9
Uruguay	92.4	95.5	95.0	94.3	0.9	1.52	-0.57	-0.23	-0.34	161	-61	-25	-36	82.0	96.2
Venezuela, R.B de	87.1	97.1	95.0	89.2	0.2	1.00	-0.79	-0.22	-0.58	475	-375	-103	-272	87.1	90.3
LAC Average	58.5	63.8	64.8	69.0	1.1	0.6	0.5	0.1	0.4	92.0	8.0	-5.4	13.4	55.7	72.4

Source: Author's calculations based on household surveys

**Table A2.5: D-Index for Completing Sixth Grade on Time, by Circumstance, Circa 2008 (percent)**

Country	Parent's education	Gender	Gender of Household		Per Capita Income	Urban or Rural	Presence of Parents	Number of Siblings	Overall D-Index
			Head						
Argentina	1.1	0.8	0.2		0.5		0.2	0.7	3.9
Bolivia	3.0	0.5	1.8		0.8	0.5	2.2	1.6	6.4
Brazil	9.0	7.6	0.3		7.2	1.6	2.2	2.6	19.1
Chile	0.7	0.3	0.4		0.3	0.0	0.1	0.6	3.0
Colombia	4.8	3.2	0.5		1.0	2.9	1.8	1.9	9.9
Costa Rica	3.5	1.7	1.0		0.5	0.6	1.3	2.6	7.7
Dominican Republic	7.7	5.2	0.6		3.6	0.6	0.3	2.6	13.5
Ecuador	3.0	0.3	0.2		1.4	0.1	0.1	1.3	5.9
El Salvador	8.3	3.0	2.1		3.6	3.7	0.3	3.9	15.9
Guatemala	18.7	2.6	7.7		4.9	8.6	5.7	6.5	26.6
Honduras	8.2	3.2	1.0		3.0	3.1	1.1	2.8	15.5
Jamaica	0.0	0.2	0.0		0.2	0.0	0.3	0.5	0.8
Mexico	1.6	0.8	0.5		0.3	0.3	0.5	0.8	3.4
Nicaragua	13.1	7.3	1.8		6.3	10.6	0.1	7.7	24.2
Panama	3.5	2.4	0.5		2.1	1.0	0.3	2.8	8.7
Paraguay	5.4	3.4	0.2		2.6	0.7	1.5	3.3	10.4
Peru	3.3	0.5	0.4		1.6	0.7	0.4	1.4	7.3
Uruguay	1.8	1.1	0.1		0.8	0.2	0.5	1.4	5.6
Venezuela, R.B de	2.9	1.9	0.0		0.6	0.3	0.3	2.0	6.1
LAC Average	5.2	2.4	1.0		2.2	2.0	1.0	2.5	10.2

Source: Author's calculations based on household surveys

**Table A2.6: D-Index for School Enrollment Ages 10-14, by Circumstance, Circa 2008 (percent)**

Country	Parent's education	Gender	Gender of Household		Per Capita Income	Urban or Rural	Presence of Parents	Number of Siblings	Overall D-Index
			Head						
Argentina	1.1	0.8	0.2		0.5		0.2	0.7	3.9
Bolivia	3.0	0.5	1.8		0.8	0.5	2.2	1.6	6.4
Brazil	9.0	7.6	0.3		7.2	1.6	2.2	2.6	19.1
Chile	0.7	0.3	0.4		0.3	0.0	0.1	0.6	3.0
Colombia	4.8	3.2	0.5		1.0	2.9	1.8	1.9	9.9
Costa Rica	3.5	1.7	1.0		0.5	0.6	1.3	2.6	7.7
Dominican Republic	7.7	5.2	0.6		3.6	0.6	0.3	2.6	13.5
Ecuador	3.0	0.3	0.2		1.4	0.1	0.1	1.3	5.9
El Salvador	8.3	3.0	2.1		3.6	3.7	0.3	3.9	15.9
Guatemala	18.7	2.6	7.7		4.9	8.6	5.7	6.5	26.6
Honduras	8.2	3.2	1.0		3.0	3.1	1.1	2.8	15.5
Jamaica	0.0	0.2	0.0		0.2	0.0	0.3	0.5	0.8
Mexico	1.6	0.8	0.5		0.3	0.3	0.5	0.8	3.4
Nicaragua	13.1	7.3	1.8		6.3	10.6	0.1	7.7	24.2
Panama	3.5	2.4	0.5		2.1	1.0	0.3	2.8	8.7
Paraguay	5.4	3.4	0.2		2.6	0.7	1.5	3.3	10.4
Peru	3.3	0.5	0.4		1.6	0.7	0.4	1.4	7.3
Uruguay	1.8	1.1	0.1		0.8	0.2	0.5	1.4	5.6
Venezuela, R.B de	2.9	1.9	0.0		0.6	0.3	0.3	2.0	6.1
LAC Average	5.2	2.4	1.0		2.2	2.0	1.0	2.5	10.2

Source: Author's calculations based on household surveys

**Table A2.7: D-Index for Access to Adequate Sanitation, by Circumstance, Circa 2008 (percent)**

D-Index for Access to Adequate Sanitation, by Circumstance, circa 2008 (percent)									
Country	Parent's education	Gender	Gender of Household		Per Capita Income	Urban or Rural	Presence of Parents	Number of Siblings	Overall D-Index
			Head						
Argentina	6.6	0.8	0.5		6.6		1.0	1.1	11.7
Bolivia	15.3	0.6	4.0		13.0	29.0	1.5	3.9	33.0
Brazil	2.0	0.0	0.4		2.5	4.5	0.0	0.3	8.7
Chile	1.8	0.2	0.1		2.6	4.0	0.4	0.3	5.2
Colombia	6.4	0.2	1.0		3.7	12.7	1.6	2.2	15.6
Costa Rica	0.9	0.0	0.2		1.1	0.6	0.2	0.2	2.6
Dominican Republic	10.7	0.2	2.1		10.0	16.2	2.9	2.0	20.5
Ecuador	7.2	0.4	0.4		11.4	12.9	1.4	3.3	21.1
El Salvador	18.5	0.0	3.3		27.7	33.3	4.7	4.0	40.5
Guatemala	17.7	0.1	10.6		19.6	35.2	4.5	4.6	40.8
Honduras	14.1	0.7	1.3		17.7	23.6	2.1	0.6	34.7
Jamaica	0.1	0.0	0.2		0.1	0.1	0.0	0.0	0.3
Mexico	2.7	0.0	0.7		2.7	7.5	0.1	1.1	13.1
Nicaragua	8.1	0.3	1.6		8.3	14.0	2.0	0.1	21.2
Panama	14.6	0.1	1.1		20.6	20.8	5.7	3.5	31.5
Paraguay	8.6	0.2	0.8		13.3	16.5	1.5	2.0	23.9
Peru	4.4	0.2	0.2		4.7	11.9	0.7	0.4	16.9
Uruguay	0.3	0.0	0.1		0.7	0.1	0.0	0.0	1.2
Venezuela, R.B de	3.0	0.0	0.5		1.5	1.4	1.1	0.6	5.3
LAC Average	7.5	0.2	1.5		8.8	13.6	1.7	1.6	18.3

Source: Author's calculations based on household surveys

**Table A2.8: D-Index for Access to Adequate Water, by Circumstance, Circa 2008 (percent)**

D-Index for Access to Adequate Water, by Circumstance, circa 2008 (percent)									
Country	Parent's education	Gender	Gender of Household		Per Capita Income	Urban or Rural	Presence of Parents	Number of Siblings	Overall D-Index
			Head						
Argentina	0.3	0.0	0.0		0.3		0.0	0.1	0.8
Bolivia	2.0	0.6	0.7		2.0	12.0	1.0	1.4	14.6
Brazil	1.3	0.1	0.3		1.7	3.2	0.1	0.2	7.0
Chile	0.4	0.1	0.1		0.4	2.1	0.1	0.1	2.6
Colombia	3.4	0.5	0.4		1.8	8.3	1.3	2.1	11.2
Costa Rica	0.5	0.1	0.4		0.6	0.5	0.3	0.1	1.3
Dominican Republic	4.2	0.3	0.7		3.5	6.7	0.9	0.3	9.4
Ecuador	2.9	0.3	0.4		5.7	4.6	0.8	0.1	10.2
El Salvador	17.5	1.0	3.1		29.8	34.5	5.8	4.0	41.5
Guatemala	1.7	0.3	1.1		2.8	8.5	0.3	0.1	10.2
Honduras	15.7	0.8	0.9		17.5	16.4	1.5	1.0	33.1
Jamaica	6.2	0.6	8.9		2.5	30.8	5.3	7.2	31.1
Mexico	1.4	0.3	0.1		1.4	3.8	0.6	0.8	6.1
Nicaragua	13.7	3.1	4.3		21.4	36.8	8.7	3.4	42.7
Panama	1.3	0.1	0.9		2.7	2.6	0.3	0.8	6.4
Paraguay	3.7	0.0	0.1		4.7	5.6	0.9	0.8	10.3
Peru	3.7	0.1	0.5		8.6	15.3	1.0	0.6	21.3
Uruguay	0.9	0.0	0.2		2.1	0.8	0.0	0.1	4.1
Venezuela, R.B de	1.6	0.0	0.1		0.7	2.0	0.6	0.0	3.5
LAC Average	4.3	0.4	1.2		5.8	10.8	1.5	1.2	14.1

Source: Author's calculations based on household surveys

**Table A2.9: D-Index for Access to Electricity, by Circumstance, Circa 2008 (percent)**

D-Index for Access to Electricity, by Circumstance, circa 2008 (percent)									
Country	Parent's education	Gender	Gender of Household		Per Capita Income	Urban or Rural	Presence of Parents	Number of Siblings	Overall D-Index
			Head						
Argentina									
Bolivia	3.2	0.1	0.3		2.0	10.1	0.7	0.3	17.0
Brazil	0.1	0.0	0.0		0.1	0.5	0.0	0.0	1.6
Chile	0.1	0.0	0.0		0.1	0.2	0.0	0.0	0.3
Colombia	0.7	0.1	0.4		0.3	1.7	0.6	0.0	2.5
Costa Rica	0.1	0.0	0.0		0.1	0.1	0.0	0.0	0.4
Dominican Republic	0.3	0.0	0.1		0.1	0.8	0.0	0.0	2.0
Ecuador	0.2	0.1	0.0		0.7	1.8	0.1	0.3	3.6
El Salvador	1.7	0.0	0.2		1.9	2.7	0.2	0.4	6.4
Guatemala	4.4	0.1	1.1		4.9	5.1	0.7	0.3	10.8
Honduras	3.7	0.1	0.4		7.4	12.2	0.3	0.3	21.7
Jamaica	0.7	0.1	1.6		0.4	1.9	0.8	0.5	2.8
Mexico	0.1	0.0	0.0		0.1	0.3	0.0	0.1	0.7
Nicaragua	6.6	0.7	3.2		6.3	16.7	0.0	0.4	22.5
Panama	3.3	0.3	1.0		10.7	10.0	0.2	3.7	19.4
Paraguay	0.4	0.1	0.1		0.6	0.8	0.1	0.0	2.1
Peru	3.5	0.0	0.2		2.2	10.8	0.2	0.8	16.2
Uruguay	0.1	0.0	0.0		0.1	0.3	0.0	0.0	0.7
Venezuela, R.B de	0.1	0.0	0.0		0.1	0.3	0.0	0.0	0.6
LAC Average	1.6	0.1	0.5		2.1	4.2	0.2	0.4	7.3

Source: Author's calculations based on household surveys