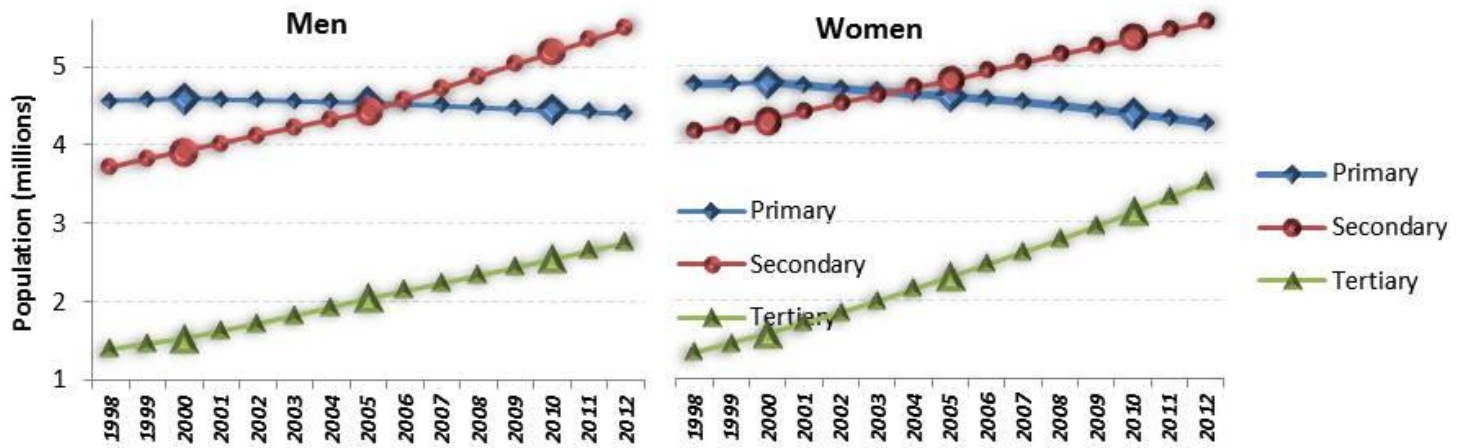


APPENDIX

Appendix-Figure 1. Educational level trends over time, Colombia, 1998-2012

The thicker markers are those from the year with real data available (source: Colombian Demography Health Surveys in 1995, 2000, 2005 and 2010). The points in between were interpolated (see methods)

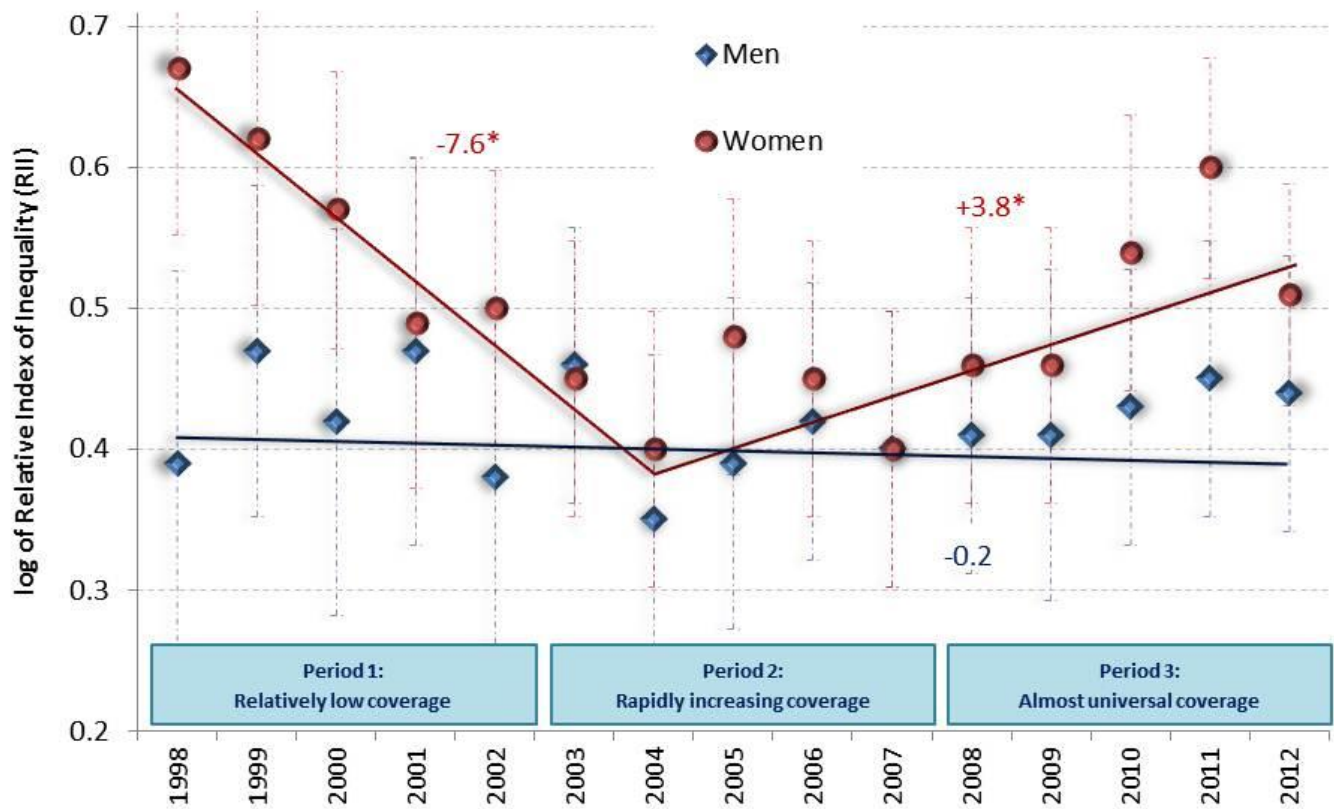


Appendix-Table 1. Classification of Causes of death, International Classification of Diseases (ICD-10) codes for non-communicable diseases

Non-Communicable Diseases		ICD-10 codes
Cardiovascular diseases		I00-I99
Malignant neoplasm		C00-D48
Diabetes mellitus		E10-E14
Chronic lower respiratory diseases (CLRD)		J40-J47
Other Non-Communicable Diseases	Mental and behavioural disorders	F00–F99
	Diseases of the nervous system	G00–G99
	Diseases of the digestive system	K00–K93
	Diseases of the genitourinary system	N00–N99
	Congenital malformations, deformations and chromosomal abnormalities	Q00–Q99

Appendix-Figure 2: Sex-specific Relative Index of Inequality (RII) trends including APC based on joinpoint models

Markers: Annual observed cancer mortality RII. Lines: modelled RII trends. Estimates are results from 5 databases generated by multiple imputations, appropriately reflecting uncertainty attributable to missing values.



Appendix-Table 2. Rate ratio in premature cancer mortality by educational level by 5-years periods and separately for men and women at 20–64 years, Colombia 1998-2012

		Period 1 (1998-2002): Relatively low coverage	Period 2 (2003-2007): Rapidly increasing coverage	Period 3 (2008-2012): Almost universal coverage
MEN	Tertiary (Ref)	1.00		
	Secondary	1.08 (0.89 , 1.30)	1.19 (1.14 , 1.24)	1.31 (1.14 , 1.52)
	Primary	1.32 (1.11 , 1.56)	1.37 (1.31 , 1.43)	1.42 (1.23 , 1.63)
	Year	1.01 (0.98 , 1.04)	0.99 (0.96 , 1.02)	1.02 (1.00 , 1.04)
	Secondary*Year	1.00 (0.96 , 1.03)	1.00 (0.97 , 1.04)	0.96 (0.94 , 0.99)
	Primary*Year	1.00 (0.96 , 1.03)	1.00 (0.97 , 1.03)	0.99 (0.96 , 1.02)
WOMEN	Tertiary (Ref)	1.00		
	Secondary	1.10 (0.91 , 1.33)	1.27 (1.22 , 1.32)	1.29 (1.13 , 1.47)
	Primary	1.25 (1.04 , 1.51)	1.44 (1.39 , 1.50)	1.45 (1.28 , 1.65)
	Year	1.03 (1.00 , 1.07)	0.98 (0.96 , 1.01)	1.00 (0.98 , 1.02)
	Secondary*Year	0.99 (0.96 , 1.03)	1.01 (0.98 , 1.04)	0.99 (0.97 , 1.02)
	Primary*Year	0.97 (0.94 , 1.01)	1.00 (0.97 , 1.02)	1.01 (0.98 , 1.03)