

COLOMBIA

Indicator	Description	Source
Agricultural indicators		
Coffee production (t)	Production of coffee in tonnes (metric tons).	Data from the Colombian Ministry of Agriculture and Rural Development's Agronet site (http://www.agronet.gov.co/Paginas/default.aspx).
Coffee yield (t/ha)	Average coffee yield per department in tonnes per hectare.	Data from the Colombian Ministry of Agriculture and Rural Development's Agronet site (http://www.agronet.gov.co/Paginas/default.aspx).
Coffee bean type	Specific coffee bean type: green, processed or roasted	Per-shipment trade data (see SEI-PCS Colombia coffee v1.0 data sources and methods document).
Environmental indicators		
Territorial deforestation (ha)	Total deforestation per department for a given year in hectares.	Data produced by the SMByC (Colombia's Forest and Carbon Monitoring System) (http://smbyc.ideam.gov.co/MonitoreoBC-WEB/reg/indexLogOn.jsp).
Water shortage vulnerability (x/5)	<p>Measurements of water shortage vulnerability for all major rivers within Colombia in 2014, on a scale of 1 (low vulnerability) to 5 (high vulnerability).</p> <p>We downloaded the water vulnerability shapefile from public database of IDEAM (the Institute of Hydrology, Meteorology, and Environmental Studies). To understand water vulnerability by department, we combined the water vulnerability shapefile with the department shapefile, to show each river channel in a department and its vulnerability category. We then averaged these values for each department.</p>	Original material obtained from IDEAM's National Water Study (Estudio Nacional del Agua) of 2014 (http://documentacion.ideam.gov.co/openbiblio/bvirtual/023080/ENA_2014.pdf).
Forest at risk from coffee expansion by 2050 due to climate change (ha)	Areas (in hectares) per department projected to have bioclimatic conditions suitable for growing Arabica and/or Robusta beans in 2050, and that are now under natural forest. Based on 2015 analysis.	<p>Bunn, C. et al. (2015). A bitter cup: climate change profile of global production of Arabica and Robusta coffee. <i>Climatic Change</i>, 129(1-2). 89-101. (http://doi.org/10.1007/s10584-014-1306-x).</p> <p>Killeen, T.J. and Harper, G. (2016). <i>Coffee in the 21st Century</i>. Conservation International, Arlington,</p>

		Virginia, United States (https://www.conservation.org/docs/default-source/publication-pdfs/ci-coffee-report.pdf).
Socio-economic indicators		
Multidimensional poverty index (%)	Multidimensional poverty index averaged for the department. The index identifies household and individual levels of health, education, and standard of living, in 2010. Higher percentages indicate higher levels of multidimensional poverty.	From DANE (Colombia's National Administrative Department of Statistics) (https://www.dane.gov.co/index.php/estadisticas-por-tema/pobreza-y-condiciones-de-vida/pobreza-y-desigualdad/pobreza-monetaria-y-multidimensional-en-colombia-2016#pobreza-monetaria-y-multidimensional-en-colombia-2016).
GDP per capita (US\$)	Gross domestic product per capita for each department, in US dollars.	From DANE (Colombia's National Administrative Department of Statistics) (https://www.dane.gov.co/index.php/estadisticas-por-tema/cuentas-nacionales/cuentas-nacionales-departamentales).
Contextual layers		
Protected areas	Conservation areas in Colombia, including protected areas, regional parks, and national parks.	IDEAM — Institute of Hydrology, Meteorology, and Environmental Studies (http://www.ideam.gov.co/). SIAC — Environmental Information System of Colombia (http://www.siac.gov.co/catalogo-de-mapas).
Boundaries of Environmental Office jurisdictions	Public corporate bodies that have administrative autonomy over environmental and renewable natural resources, with the expressed goal of supporting sustainable development through the directives of the Ministry of the Environment.	Ministry of Environment, Housing and Territorial Development. (http://www.minambiente.gov.co/index.php/noticias/2067).
Geocodes	Spatial codes given to departments, in the format CO-XX.	Department boundaries (2017) from DANE (Colombia's National Administrative Department of Statistics) (https://www.dane.gov.co/).