

## PARAGUAY

DATA	Description	Source
<b>Agricultural indicators</b>		
Production of soy (t)	Departmental production of soy (in tonnes) from agricultural surveys.	Paraguayan Ministry of Agriculture (MAG), Department of Statistics (DCEA), Paraguay ( <a href="http://www.mag.gov.py/index.php/institucion/dependencias/sintesis-estadistica">http://www.mag.gov.py/index.php/institucion/dependencias/sintesis-estadistica</a> )
Soy yield (t/ha)	Average departmental soy yield per year in tonnes per hectare.	Paraguayan Ministry of Agriculture (MAG), Department of Statistics (DCEA), Paraguay ( <a href="http://www.mag.gov.py/index.php/institucion/dependencias/sintesis-estadistica">http://www.mag.gov.py/index.php/institucion/dependencias/sintesis-estadistica</a> )
<b>Environmental Indicators</b>		
Territorial deforestation (ha)	Total deforestation per department for a given year (hectares) in the Dry Chaco, Humid Chaco, and Alto Paraná Atlantic forests. Data for 2017 only covers the Chaco ecoregion.	WWF ( <a href="http://www.wwf.org.py/que_hacemos/sig2/monitoreo_satelital_de_la_deforestacion/">http://www.wwf.org.py/que_hacemos/sig2/monitoreo_satelital_de_la_deforestacion/</a> ) Guyra Paraguay via Global Forest Watch ( <a href="http://data.globalforestwatch.org/datasets/3d668cf0fbc415bba1ec00bc6263877_5">http://data.globalforestwatch.org/datasets/3d668cf0fbc415bba1ec00bc6263877_5</a> )
Soy deforestation (1 year) (ha)	Annual deforestation and habitat clearance (hectares) associated with soy expansion. The map shows deforestation occurring in the year of export.	Deforestation data (see above) Soy crop area for South America provided by the University of Maryland GLAD team ( <a href="https://glad.umd.edu/">https://glad.umd.edu/</a> ).
Soy deforestation risk (1 year)	Annual deforestation and habitat clearance risk (in hectares) associated with soy expansion. This measure of deforestation risk is allocated to the actors along the supply chain in proportion to the volume of soy they export from a given jurisdiction relative to the total production of soy (by all actors) in the same jurisdiction. Deforestation risk for a given year of export is based on deforestation	WWF ( <a href="http://www.wwf.org.py/que_hacemos/sig2/monitoreo_satelital_de_la_deforestacion/">http://www.wwf.org.py/que_hacemos/sig2/monitoreo_satelital_de_la_deforestacion/</a> ) Guyra Paraguay via Global Forest Watch ( <a href="http://data.globalforestwatch.org/datasets/3d668cf0fbc415bba1ec00bc6263877_5">http://data.globalforestwatch.org/datasets/3d668cf0fbc415bba1ec00bc6263877_5</a> ) Soy crop area for South American provided by the University of Maryland GLAD team ( <a href="https://glad.umd.edu/">https://glad.umd.edu/</a> ).

	that occurred in the previous year (when the soy that is being exported was planted and harvested).	
<b>Actor Commitments</b>		
Forest 500 score	Score for companies' deforestation commitments according to Global Canopy's Forest 500 assessments 2018	Global Canopy's Forest 500 score ( <a href="http://forest500.org/">http://forest500.org/</a> )
Zero deforestation commitment	Zero deforestation commitments (ZDCs) made by traders which have company commitments to zero deforestation across their global supply chains.	Commitments made public on company websites
Soy traded under zero deforestation commitment (%)	Percentage of the exported soy that is exported by a trader with a zero deforestation commitment, including traders with commitments to zero deforestation across their global supply chains.	Calculated from the zero deforestation commitments in the soy supply chain.
<b>Contextual Layers</b>		
Biomes	Boundaries of the five ecoregions in Paraguay	The Nature Conservancy ( <a href="http://maps.tnc.org/gis_data.html">http://maps.tnc.org/gis_data.html</a> )
Indigenous territories	Indigenous territories in Paraguay. Does not include uncontacted tribes.	Federación por la Autodeterminación de los Pueblos Indígenas (FAPI) ( <a href="https://www.tierrasindigenas.org//Mapa">https://www.tierrasindigenas.org//Mapa</a> )
Protected areas	Areas with restricted human use as designated by the Paraguayan government.	Paraguayan Ministry of the Environment and Sustainable Development (MADES) ( <a href="http://201.217.59.143:8065/visor_asp/">http://201.217.59.143:8065/visor_asp/</a> )
Deforestation polygons	Deforested areas in the Dry Chaco, Humid Chaco and Alto Paraná Atlantic forests. Data for 2017 only covers the Chaco biome.	<a href="http://www.wwf.org.py/que_hacemos/sig2/monitoreo_satelital_de_la_deforestacion/">http://www.wwf.org.py/que_hacemos/sig2/monitoreo_satelital_de_la_deforestacion/</a>
Geocodes	Spatial code given to departments as PY-XX	Dirección General de Estadística, Encuestas y Censos (DGEEC) Department boundaries (2017), <a href="https://www.dgeec.gov.py/">https://www.dgeec.gov.py/</a>