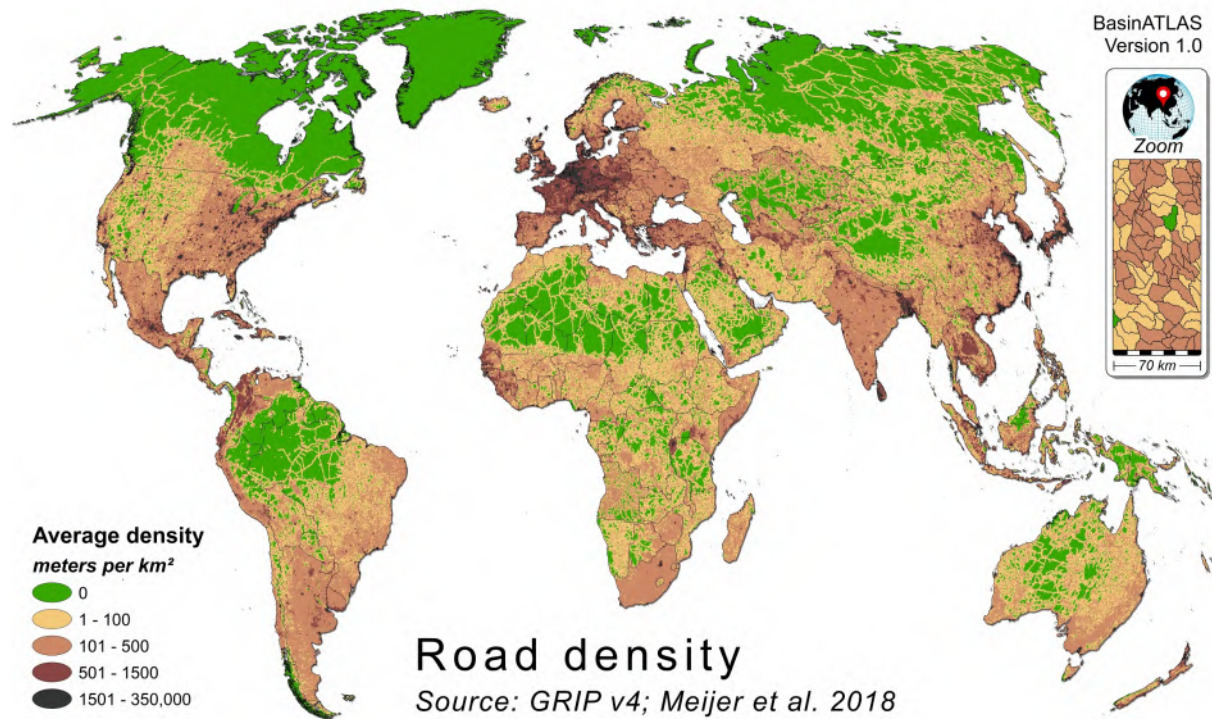


Category	Anthropogenic	ID-A05	>>> Back to Attribute List
Attribute	Road Density		
Source data	Global Roads Inventory Project (GRIP) v4		
	Citation: Meijer et al. 2018	Native format: 5 arc-min grid	Units: meters per km ²
Column name	rdd_mk_{xoo} (for syntax options of suffix {xoo} see next lines)		
	Spatial extent {x}: {s} in sub-basin {u} in total watershed upstream of sub-basin pour point		
	Dimension {oo}: {av} average		
	Existing suffixes {xoo}: sav uav		



Data description	The Global Roads Inventory Project (GRIP) dataset was developed to provide a recent and consistent global roads dataset for use in environmental and biodiversity assessment models. The GRIP team gathered, harmonized and integrated nearly 60 geospatial datasets on road infrastructure (from 1997 to current) into a global roads dataset. The resulting dataset includes over 21 million km of roads, distinguished in 5 types. HydroATLAS provides data produced from the 5 arc-minute road density map of GRIP which includes all road types.
Reference	Meijer, J.R., Huijbregts, M.A.J., Schotten, K.C.G.J., Schipper, A.M. (2018). Global patterns of current and future road infrastructure. Environmental Research Letters, 13, 064006. doi:10.1088/1748-9326/aabd42
Website	https://www.globio.info/download-grip-dataset
License	Open Data Commons Open Database License (ODbL v1.0)
Additional information	Original grid contains NoData pixels which were set to zero for HydroATLAS calculations (i.e. no roads).