Maximum speed national roads ("Weggegevens Rijkswaterstaat")

Spatial scale / resolution: the Netherlands

Temporal range: 2004-2012 (yearly)

2013-current (monthly)

Data source input data

http://geodata.nationaalgeoregister.nl/weggeg/extract/weggeg.zip

Data format input data: Shapefile (*.shp)

Data format output data: Shapefile (*.shp)

Data storage output data: ..\Source_data\Source_data\Traffic\Road_speeds\

Files: max_snelheden.shp

Data

This dataset contains the maximum speed per road section of the national roads ("Weggegevens Rijkswaterstaat" (WEGGEG)). This dataset can be used for analysis and policy support for environmental measures (air and noise), traffic safety or spatial planning. This dataset is open data. For more detailed information on the features of the Main Road Network (in Dutch) see:

https://www.rijkswaterstaat.nl/apps/geoservices/geodata/dmc/weggeg/productinfo/beschrijvende_documentatie/Gebruikersinformatie%20WEGGEG%20v2.4.pdf
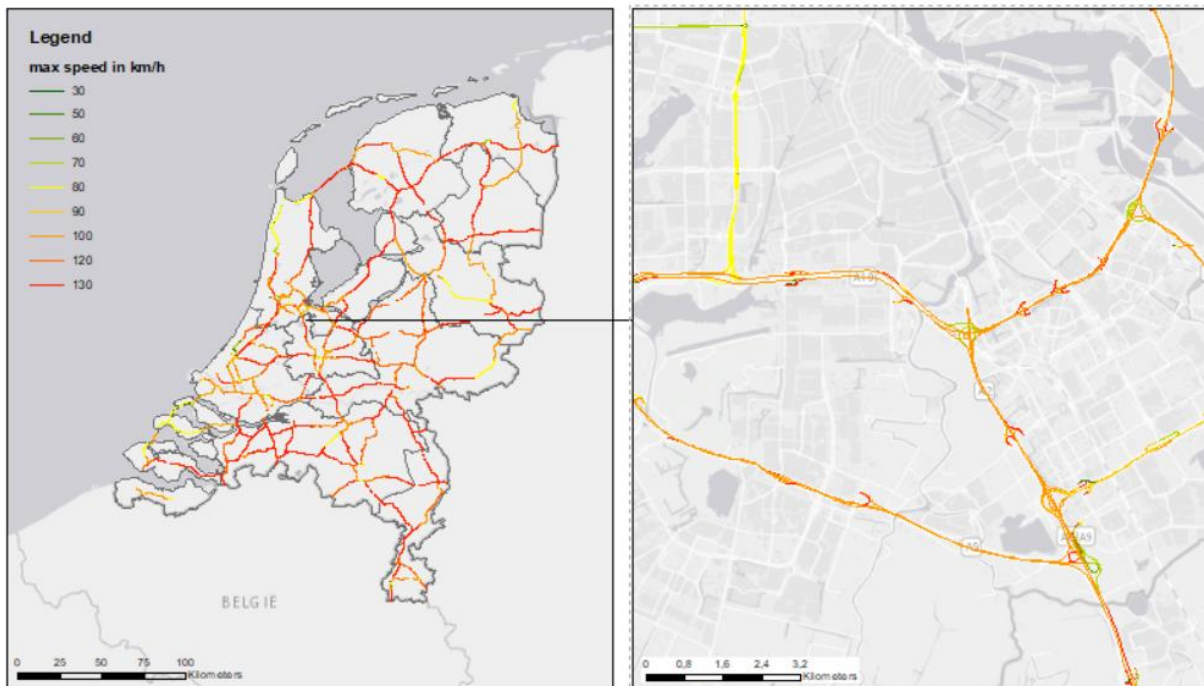
Variables

Table 1: overview of variables in datasets

Variable name	Description
FID	Feature ID
Shape	Geometry type (Polyline)
Omschr	Description of the type of ROAD
Kantcode	a code through which it is possible to view the attribute relative to the digitized direction of the road section (in the Netherlands, people drive on the right side of the road).
	H = if the direction of the traffic runs from the start junction to the end junction of the underlying road section. (right)
	T = if the direction of the traffic runs from the end junction to the start junction of the

	underlying road section. (left)
	Empty = non applicable
Wvk_id	A unique number for a road section
Wvk_begdat	The first date on which the relevant Ephemeris Road Section (Wegvak Efemeride) is valid
Begafstand	Starting distance of a road section
Endafstand	Ending distance of a road section
Begintijd	The time in hours from the moment the reported speed is valid (with values ranging from 00 – 24).
Eindtijd	The time in hours until the moment the reported speed is valid (with values ranging from 00 – 24). If both Begintijd and Eindtijd have the values of 00, the maximum speed is valid for the whole day (24 hours).
Fk_veld1	Wvk_id + start date of the road section ephemeris
Fk_veld4	3-letter code (PKK or KPK) of the type of attribute + kmk_id of the attribute
Izi_side	The relative position of the attribute with respect to the road-axis. If Rpe_code is filled in: Izi_side = Rpe_code Otherwise: Izi_side = M
Ibn	The indication source (IBN) indicates whether the relevant attribute is based on an inventory or was collected through another source

Source

This dataset is made available by Rijkswaterstaat, Ministry of Infrastructure and Water Management.

Map example of maximum speed in km/h

Contact information

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Terms and conditions

No usage restrictions.

List of references

Weggegevens Rijkswaterstaat (WEGGEG) – maximum snelheden per wegvak. (2019). http://nationaalgeoregister.nl/geonetwork/srv/dut/catalog.search#/metadata/abaf1e22-55aa-4a11-a855-7ac963e4a82b?tab=general