

China Natural Gas Pipeline Nodes Dataset

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Abstract: To provide a general overview of the Natural Gas Pipeline distribution system in the People's Republic of China, we gathered maps, plans, announcements and business reports on the subject and edited them into a basic network map.

Attributes:

NODE_NAME - Name of the city, town or nearest feature to the approximate NODE location

GB00_PROV - Guobiao code (GB/T 2260) of the Province for this location

GB00_DIST - Guobiao code (GB/T 2260) of the District Level Unit for this location

GB00_CNTY - Guobiao code (GB/T 2260) of the County Level Unit for this location

PROV_PY - Province Name in Pinyin

DIST_PY - District Name in Pinyin

CNTY_PY - County Name in Pinyin

CNTY_TPOP - Total population of the county (per 2000 Census)

Disclaimer:

The node locations are approximate, not exact! In some cases the node locations were taken from source maps, such as the "PetroChina" map found on the EIA website (see sources below). When possible, the named location of the node, such as Sebei, was pinned to the correct location found in the GIS basemaps from CHGIS, and compared with heads-up locations seen on GoogleMaps. In other cases, the node locations were estimates, based only on the general known features of the local area, such as roads, railways, river basins, etc. In other cases, where there was no exact reference, the node locations are simply estimated based on the routes georeferenced from source maps (such as the Shaan-Jing routes). Where the node locations were estimated and we found no confirmation of their node names, the place names were added in the NODE_NAME field purely by the nearest county or town.

Therefore, keep in mind that these NODE_NAMES are NOT authoritative or verified as the official locations or station names on the pipelines!

They are provided merely as points of reference to indicate the general routes of the pipelines.

Finally, some nodes were added if they appear on the map but were not on the actual route of the pipeline, according to more detailed map sources. Therefore, Beijing, Shijiazhuang, Jinan, etc, appear as node features even though no pipeline was mapped directly to them.

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