

Data Description

2024 年度プロジェクト:DB2024-06

Data Number (will be filled by the Commons Center)	DPPSCdbp_2024-06en
Title	Progress of Lifeline Infrastructure Recovery after the 2024 Noto Peninsula Earthquake
Creator	Junji Urata, Riku Nakayama, Shun Nakajima
Contact information	Please ask via https://uratalab.net/contact/
Summary (Subject and/or Methodology for generation)	<p>We have compiled the recovery status of essential infrastructure and related services following the 2024 Noto Peninsula Earthquake into a spatially-referenced time-series dataset. Specifically, the data covers six major cities and towns on the Noto Peninsula, with the time period ranging from January to the end of March 2024 (and in some cases, through the end of May).</p> <p>The dataset includes the following six categories: Number of households without power; Number of shelter residents; Locations of water supply stations; Restoration status of water services; Operating status of gas stations; Opening/operating status of public and temporary bath facilities.</p> <p>* The original data sources are official updates published (or previously published) online by local governments and utility companies. These datasets were publicly available during the early recovery phase, primarily to support affected residents and responders. Many were updated daily right after the disaster. We regularly saved these web-based updates and compiled them into a time-series dataset with spatial information.</p> <p>For details on the data creation process, please refer to the accompanying documentation.</p>
Update History (Versions, File names, Dates)	Version 1: March 31, 2025
Data formats	Csv, shp
Data sizes	8.7MB
Things to be aware of when using the data (e.g., required metadata)	CC-BY-NC-SA *Please confirm the details by ReadMe document. However, the document is written in Japanese, so please ask Dr. Urata anything if you have question in English.
Related reports and/or papers	Terayama et al. (2024) RELATIONSHIP BETWEEN RESTORATION OF INFRASTRUCTURE AND CHANGES IN POPULATION DENSITY AFTER THE NOTO PENINSULA EARTHQUAKE, 第 70 回土木計画学研究発表会, No.P30-03, 2024.
Other remarks	