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2019中国地方政府数据开放报告

China Local Government Open Data Report 2019

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Abstract: "China Open Data Index" is produced by Digital and Mobile Governance Laboratory of Fudan University. It is the first professional index in China aiming at the data opening level of local governments. This paper introduces the measurement, analysis and calculation method of the index. On this basis, it draws the main performance of data opening of local governments in 2019 China, and puts forward some pertinent suggestions.

1. Evaluation Methods

This index evaluates the whole process of open data utilization and the whole ecosystem. The evaluation index system includes four dimensions: readiness, platform level, data level, utilization level and subordinate multi-level indicators. The readiness includes three first-level indicators: regulations and policies, organization and implementation, standards and norms. The platform level includes seven first-level indicators: data discovery, data acquisition, tool provision, display, interactive feedback, public communication and account experience. The data level includes five first-level indicators: data quantity, data quality, data standard, data coverage and data persistence. Utilization level includes three first-level indicators: utilization promotion, output and data utilization.

The scope of evaluation is limited to some eligible platforms in the local government data open platform which has been launched in China. (1) In principle, "gov.cn" is required in the platform domain name. (2) The administrative level of the local government represented by the platform is prefecture level or above. (3) The platform form should be "centralized proprietary" or "centralized embedded". (4) The platform does have open electronic format, can be obtained by downloading or interface, and structured data set.

Finally, the formulas of open data index are obtained as follows:

The open data index of different regions = $\sum(\text{readiness index score} * \text{weight}) * 25\% + \sum(\text{platform level index score} * \text{weight}) * 20\% + \sum(\text{data level index score} * \text{weight}) * 40\% + \sum(\text{utilization level index score} * \text{weight}) * 15\%$.

2. Overall Findings

China's local government data open platform is spreading from the southeast coastal areas to the Inland areas, and provincial platforms in the southeast coastal areas have been gradually linked into pieces.

The data open platform of local governments presents two kinds of distribution characteristics: "community" and "oasis". The "community" platform "competes" to open data. In contrast, some surrounding areas have not yet launched the government data open platform, which has become the "oasis" of the government data open in the region. Generally speaking, the proportion of government data open platform online in China is still low.

Since 2017, the report has tracked data openness in various places for three consecutive years, and found that more high-capacity, high-demand and high-quality data sets have emerged throughout the country. The proportion of subjects and departments covered by national open data has increased steadily in the past three years. More and more

government departments have participated in data opening, and more and more open data have been enriched and diversified. However, compared with the same period in 2018, the proportion of data updated regularly in different parts of the country has declined this year.

3. Suggestion

- (1) Strengthen policy supply and provide organizational guarantee.
- (2) Optimize platform services and enhance operational and maintenance capabilities.
- (3) Improve data quality and open classification.
- (4) Promote innovation and utilization, create a favorable environment.

4. Ranking of "China Open Data Index"

- (1) Provincial platforms: Shanghai ranked first, Zhejiang and Guizhou provinces ranked second and third.
- (2) Prefecture platforms: Guiyang ranked first, Jinan and Harbin ranked second and third.

In addition, Zhejiang Province has excelled in the data level, Shenzhen has made rapid progress, Fujian Province and Chengdu have the best comprehensive performance among the places with the latest open data.

(If you are interested in the full report, you can scan the QR Code below and fill in the relevant information to obtain it.)

