

China_GeocodedResearchRelease_Level1_v1.1.0

Released: September 2018

Overview

This is a sub-nationally georeferenced dataset of Chinese Government-financed projects in 5 regions of the world (Africa, the Middle East, Asia and the Pacific, Latin America and the Caribbean, and Central and Eastern Europe) between 2000 and 2014. It tracks 3,485 projects in 6,184 locations that were completed or being implemented between 2000 and 2014. These projects were identified and extracted from AidData's Global Chinese Official Finance Dataset, 2000-2014, Version 1.0. All tables in the data folder can be joined by the `project_id` attribute.

This dataset was created by AidData with generous financial support from Humanity United, the John D. and Catherine T. MacArthur Foundation, the William and Flora Hewlett Foundation, the Academic Research Fund of Singapore's Ministry of Education, the United Nations University World Institute for Development Economics Research (UNU-WIDER), and the College of William and Mary.

Please direct any questions or comments to data@aiddata.org

Geocoded Data Coverage

Years: 2000 - 2014

Donors: 1

Total Projects: 3485

Geocoded Projects: 3485

Locations: 6190

Total Disbursements: NA

Total Commitments: \$273,611,118,916.00

Geocoded Disbursements: NA

Geocoded Commitments: \$273,611,118,916.00

Glossary

ADM levels: sub-national administrative areas as of 2011

AidData: a research and innovation lab at the College of William & Mary

Files Included in this Release

File or Folder	File or Sub-Folder	Description
	README.pdf	This file
	datapackage.json	Data Package manifest for this dataset (http://data.okfn.org/doc/data-package)

data	iat_1.04_China_GeocodedResearchRelease.xml	IATI XML of dataset
data	level_1a.csv	prejoined subnational locations & projects table w/ equal location splits of financial amounts
data	locations.csv	locations for each project
data	projects.csv	projects table
data	projects_ancillary.csv	projects ancillary table
data	transactions.csv	transactions for each project
doc	geocoding-methodology-2.0.pdf	AidData Geocoding Methodology, Version 2.0
doc	ucdp_aiddata_codebook_published.pdf	UCDP Codebook (geocoding methodology)
metadata	country_codes.tsv	country name to iso2 crosswalk.
metadata	data_dictionary.tsv	field name and description in the data tables.
metadata	donor_trans_crosswalk.tsv	donor crosswalk file
metadata	geonames.tsv	geonames valid location types.
metadata	sector_trans_crosswalk.tsv	sector translation/crosswalk file.
metadata	status_trans_crosswalk.tsv	status translation/crosswalk file.

File Statistics

File	Records	Attributes
projects.csv	3485	20
locations.csv	6190	13
transactions.csv	1967	7

Guides for using our geocoded data in GIS and in a Spreadsheet

For further information on using data in GIS and spreadsheets, reference:

https://github.com/AidData-WM/public_datasets/blob/master/documentation/using_geocoded_data.md

Caveats

*Financial values are deflated to 2014 USD. For more financial information (including exchange rate, deflators, etc.), see the projects_ancillary.csv file or AidData's Global Chinese Official Finance Dataset, Version 1.0 (<http://aiddata.org/data/chinese-global-official-finance-dataset>).

*The transaction year variable provides an indication of the year in which an agreement was made between a supplier of an officially financed project and the recipient of that project.

*This dataset includes locations that were geocoded in three rounds: (1) Chinese Government-financed projects in Africa, which were coded in 2013 (<https://www.aiddata.org/data/aiddatas-chinese-official-finance-to-africa-dataset-version-1-1-1>); (2) Chinese Government-financed projects in three ecologically sensitive regions, which were coded in 2016 (<http://aiddata.org/data/chinese-official-finance-ecological-sensitive-geocoded-research-release-level-1-v>

1-0-1); and (3) all remaining projects (at the implementation or completion stage) from AidData's Global Chinese Official Finance Dataset, Version 1.0, which were coded in 2017. The first dataset was coded using the 1.1. Version of AidData's geocoding methodology (in the docs folder). Precision scores were assigned by geocoders, indicating how close to a particular set of latitude and longitude coordinates a project occurred. The second and third dataset were coded using the 2.0 version of AidData's geocoding methodology (in the docs folder). In this methodology, AidData has adopted the International Aid Transparency Initiative (IATI) standard for describing the location class and geographic exactness of a given location. For a detailed crosswalk of AidData precision codes to the IATI standard, please refer to the 2.0 geocoding methodology (<http://docs.aiddata.org/ad4/files/geocoding-methodology-updated-2017-06.pdf>). To identify the rounds in which projects were coded, please see the "round_coded" variable in the projects_ancillary.csv file.

Data Coverage Charts

See charts below. The first chart (Chart A) breaks down the entire dataset by precision code. The second chart (Chart B) breaks down the geocoded data by sector and precision code. The third chart (Chart C) charts the number of projects by start years. The fourth chart (Chart D) charts the percentage of data coverage and the average percentage across all current AidData datasets.

Chart A, Precision Codes

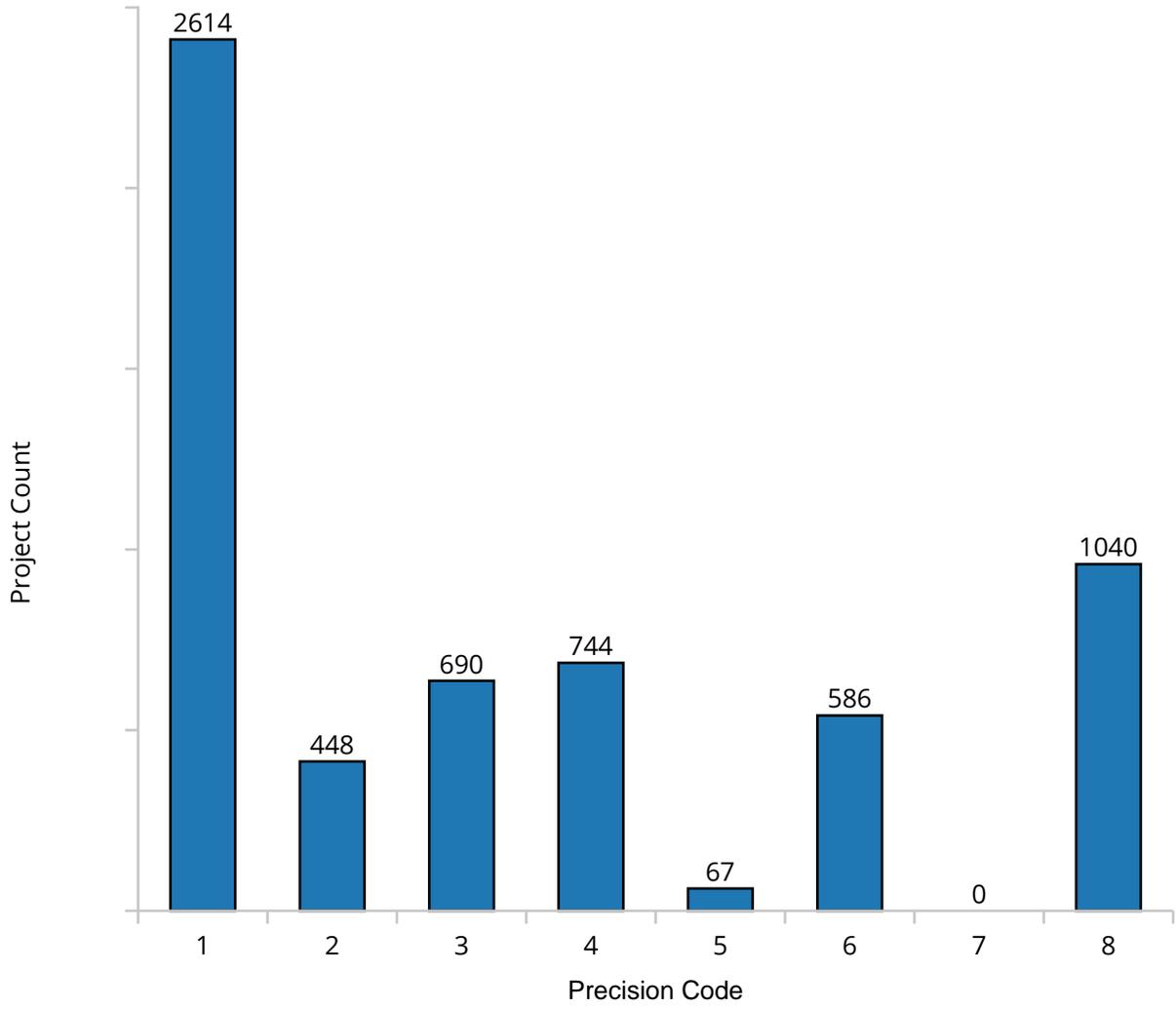


Chart C, Project Start Counts By Year

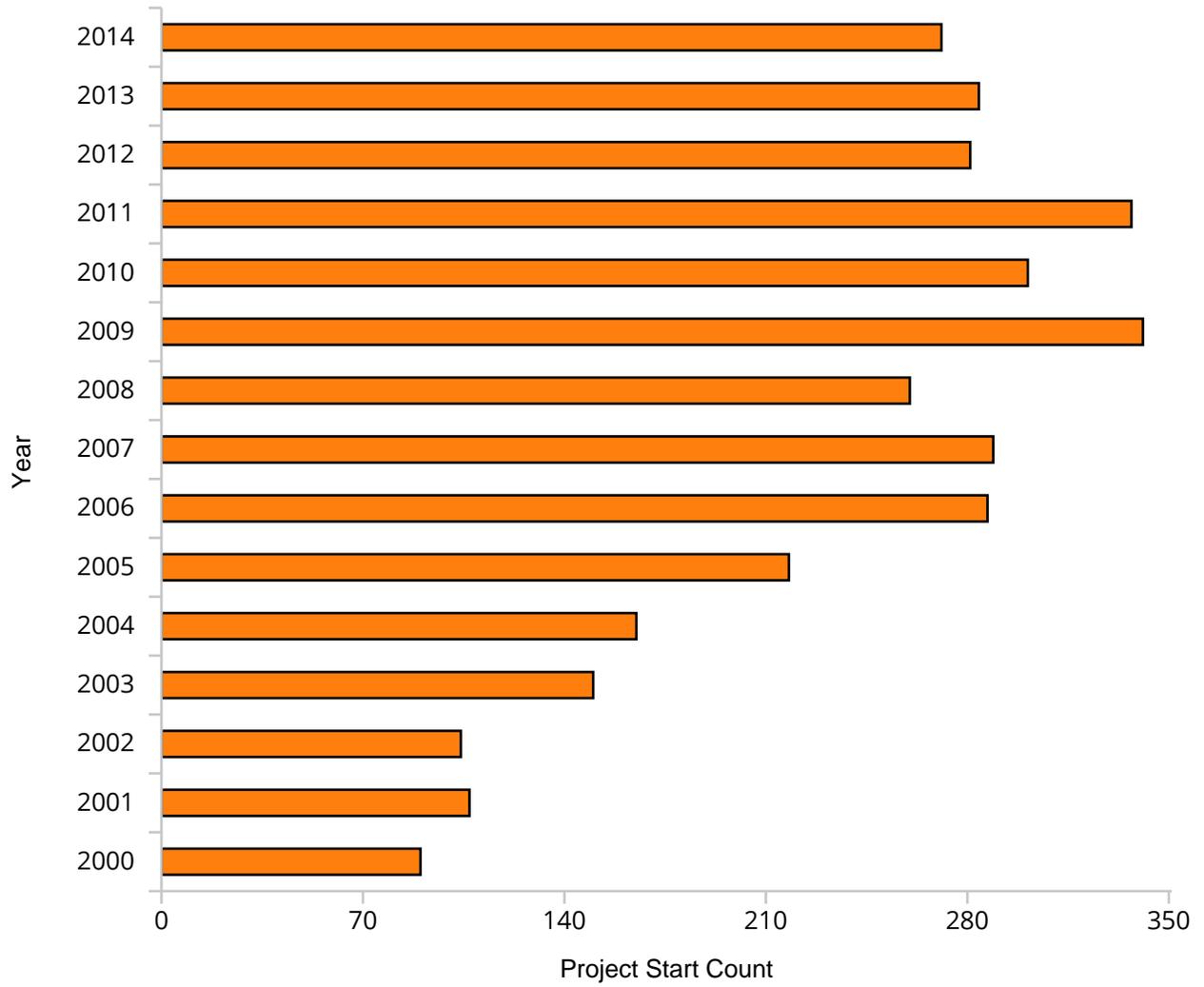
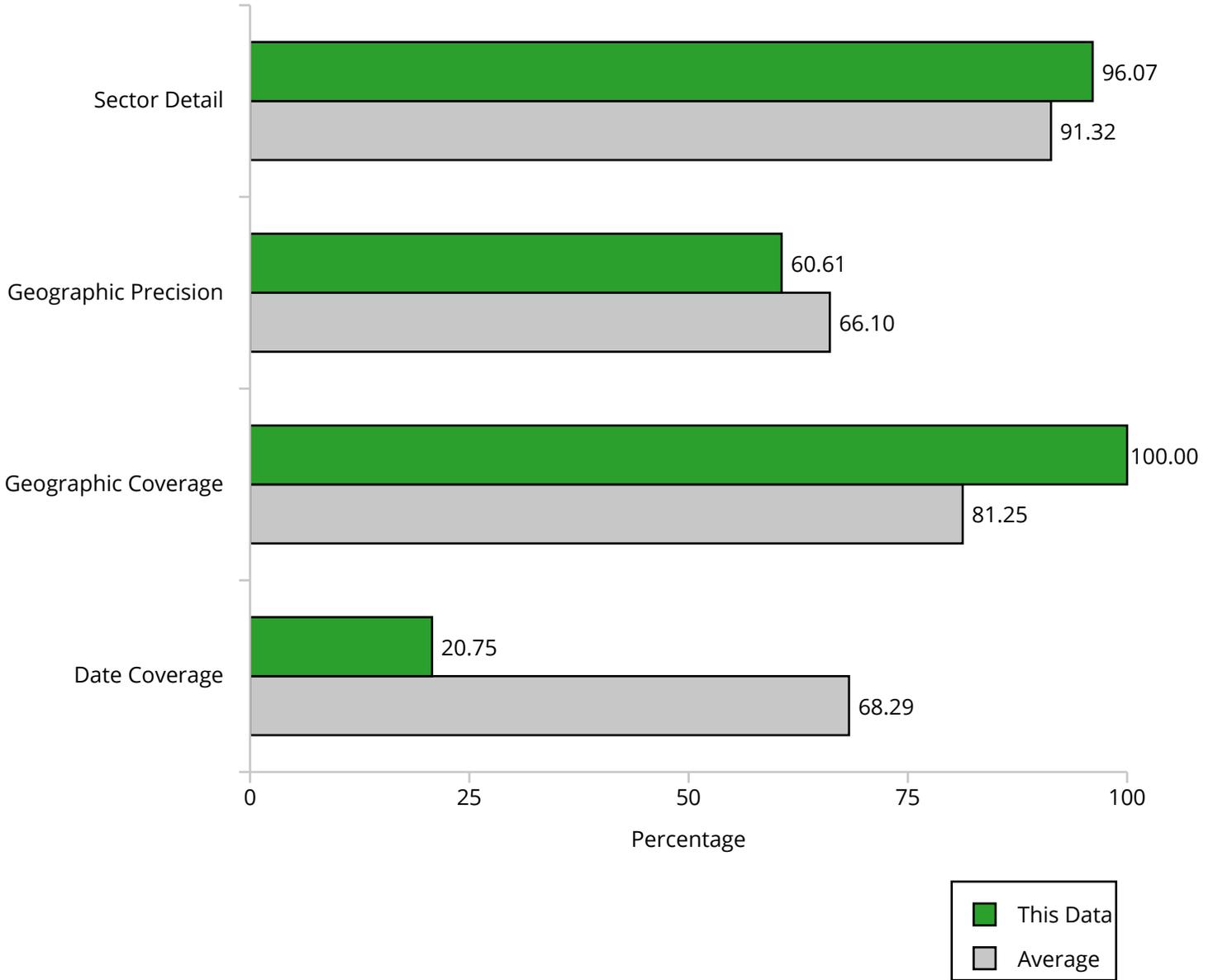


Chart D, Quality Metrics



Sector Detail indicates the percentage of projects that have specific sector designations (all but 430, 43010, 998, 99810).

Geographic Precision indicates the percentage of all locations that have a precision code value of either 1, 2, or 3 (locations that are exact, within 25 km, or ADM2 centroid locations).

Geographic Coverage indicates the percentage of all projects that are geocoded.

Date Coverage indicates the percentage of projects that have full date information, including starting and ending dates.

Websites of Sources

Source	URL
AidData	http://aiddata.org/
GeoNames	http://www.geonames.org/
GeoNames API Example	http://ws.geonames.org/get?geonameId=232422&style=full
GeoNames Gazetteer	http://download.geonames.org/export/dump/
IATI Organization (Donor) Identifiers	http://iatistandard.org/codelist/organisation/
GADM	http://www.gadm.org/
GAUL	http://www.fao.org/geonetwork/srv/en/metadata.show?id=12691

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