

# TimorLesteAIMS\_GeocodedResearchRelease\_Level1\_v1.4.1

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Please direct any questions or comments to [data@aiddata.org](mailto:data@aiddata.org)

## Geocoded Data Coverage

Years: 1998 - 2015

Donors: 78

Total Projects: 907

Geocoded Projects: 499

Locations: 3506

Total Disbursements: \$1,454,636,386.87

Total Commitments: \$2,192,907,138.07

Geocoded Disbursements: \$1,113,716,264.68

Geocoded Commitments: \$1,599,670,969.71

## Glossary

ADM levels: sub-national administrative area

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

AIMS: Aid Information Management System

AMP: Aid Management Platform, a type of AIMS, developed by Development Gateway

## 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 ( <a href="http://data.okfn.org/doc/data-package">http://data.okfn.org/doc/data-package</a> )
data	iati_1.04_TimorLesteAIMS_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	Timor-Leste projects table
data	projects_ancillary.csv	Timor-Leste projects ancillary table
data	projects_ancillary.csv	projects ancillary fields

data	transactions.csv	transactions for each project
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.

## Overview

Locations of projects in Timor Leste's AMP were geocoded using information gathered from in-country donor offices. The files project.csv, locations.csv, and transactions.csv are structured so as to be combinable with other v1.0 geocoded dataset releases. All tables in the data folder can be joined by AMP project ids.

## Using Data in a GIS

AidData has developed Introduction to GIS Training Modules for QGIS (which is free and open source) and ArcGIS. This training is oriented towards new users of spatial information with the purpose of improving understanding and ability to use spatial information. The instructional tutorial will help users to join spatial information with other data, calculate new variables, and create cartographic outputs.

QGIS Training Module: <http://bit.ly/aiddata-qgis>

ArcGIS Training Module: <http://bit.ly/aiddata-arcgis>

## Using Data in Spreadsheets

Microsoft Excel has known limitations when working with TSV and CSV files that have character encodings like UTF8 (the character encoding of the AidData CSV Data). To avoid potential problems with character encodings, please use the "From Text" command on the Data menu when opening the CSV files. Double-clicking on the files to open in Excel, and/or saving them as CSV from Excel may result in character encoding problems.

For instructions, see this link:

[http://office.microsoft.com/enus/excelhelp/importexporttexttorcsvfilesHP010099725.aspx#BMimport\\_data\\_from\\_a\\_text\\_file\\_by\\_openi](http://office.microsoft.com/enus/excelhelp/importexporttexttorcsvfilesHP010099725.aspx#BMimport_data_from_a_text_file_by_openi)

Additionally, AidData provides all final tabular data as comma separated files. If asked by your software which delimiter to use, you should select comma. **PLEASE BE CAREFUL TO ONLY USE ONE DELIMITER (not for example, comma and TAB)**

The four (4) files in the research release are related as follows:

- 1) The projects.csv table is the main table. It contains one row per project. The unique id is the project\_id field.
- 2) The locations.csv table is the locations table. It contains one row per location. It is related to the projects table by the project\_id fields in each table. Each project may have many locations. The unique id is the project\_location\_id field.
- 3) The transactions.csv table is the transactions (financials) table. It contains one row per transaction.

It is related to the projects table by the project\_id fields in each table. Each project may have many transactions. There is no unique field for the transactions table.

4) The ancillary.csv table contains all ancillary data for the projects table. It contains any ancillary data for the project table. It is related to the projects table by the project\_id fields in each table. Each project may have many ancillary records. There is no unique field for the ancillary table.

## Caveats

\*The enclosed data was verified and tested against GAUL administrative boundaries for Timor Leste. Because of licensing restrictions, we cannot include the GIS files for these boundaries along with the release. Please visit <http://www.fao.org/geonetwork/srv/en/metadata.show?id=12691> for these files.

\*This dataset was not activity coded. AidData sector codes are crosswalked from the sector designations in Timor Leste's AMP. See crosswalk table in the metadata folder.

\*Financials are deflated to USD2011, with the exception of transactions  $\geq 2013$ , which are reported in current USD

\*Subsectors were cross-walked to AidData Purpose Codes. No other sector/purpose/activity code cross-walking was performed

\*Transaction dates for all commitments are taken from the actual start dates of the project

\*There are 15 projects without a donor agency (as reported by the AMP). These are included for completeness.

\*Projects locations of precision code 7 (Unknown Location) were not geocoded, so there will be now precision code 7 locations in the dataset. The projects themselves are still included.

## Precision Code

Precision Code Value	Precision Code Description
1	coordinates correspond to an exact location or populated place
2	coordinates correspond to a location that is known to be within 25km of the coordinates or a division smaller than ADM2
3	coordinates correspond to an ADM2 division (as defined by GAUL)
4	coordinates correspond to an ADM1 division (as defined by GAUL)
5	estimated coordinates of a large feature, such as rivers or national parks
6	coordinates correspond to the entire country, project operates in sub-national locales but they are not known
8	coordinates correspond to the entire country, it is likely that the funding goes to a government ministry or financial institution

## 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.

Chart A, Precision Codes

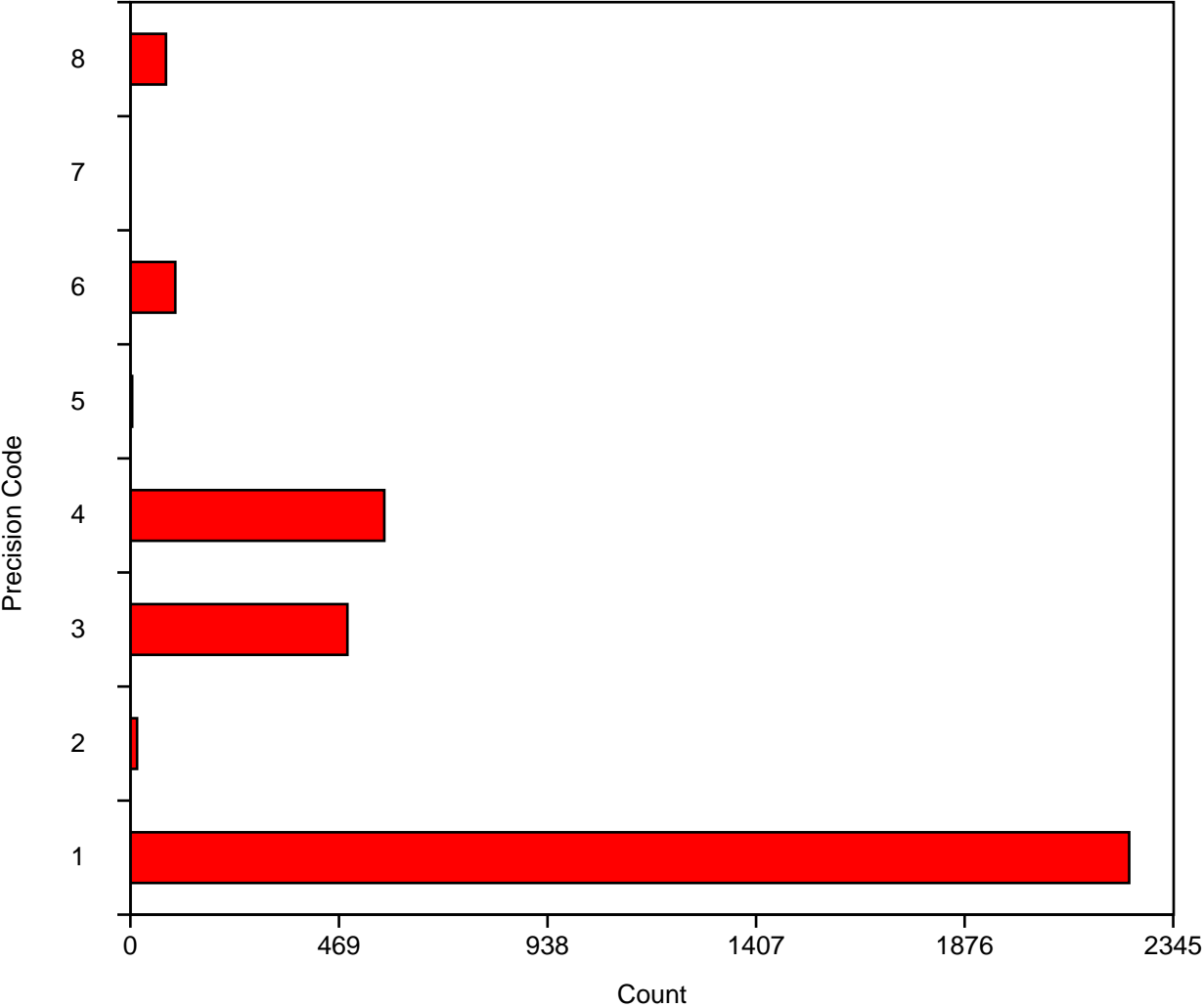
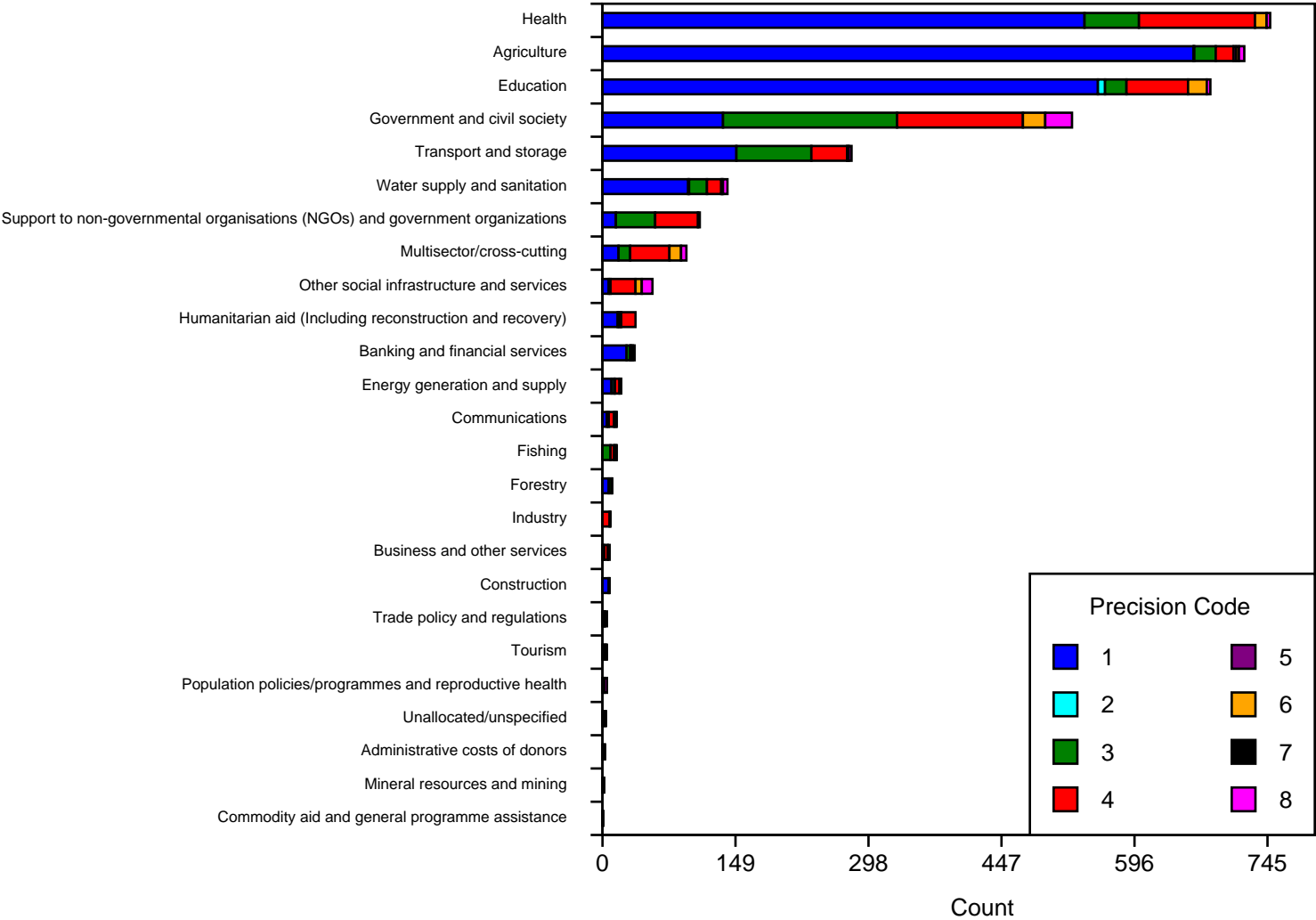
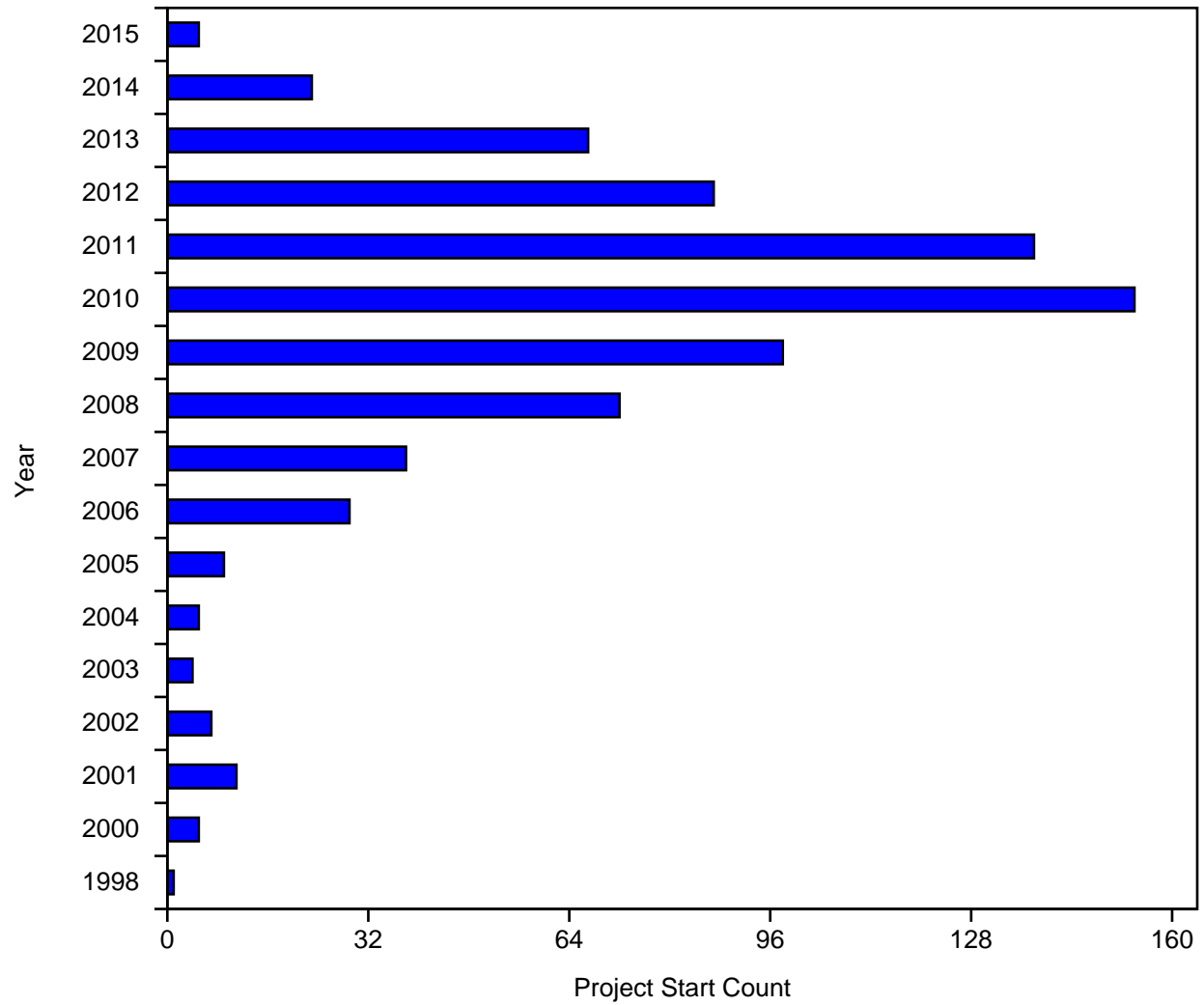


Chart B, Precision Codes by Sector



**Chart C, Project Start Counts By Year**



### Websites of Sources

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



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