Nepal AMP Geocoded Dataset
v0.6 Release: 2014-05-06

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Geocoded Data Coverage
Years: 2010-2012 (comprehensive)
Donors: 108
Projects: 482

The geocoded data (**NPL_geoocoded_projectLocations**) represents 73% of total commitments and 81% of total disbursements reported to Nepal's Aid Management Platform (AMP). All of Nepal's AMP projects (**NPL_AMP_projects**) are also included in this release regardless of the availability of spatial information. Nepal's Ministry of Finance maintains the AMP.

Glossary
ADM levels: sub-national administrative areas as of 2011.
AidData: a partnership between the College of William and Mary, BYU, and DG
AMP: Aid Management Platform, made by DG
DG: Development Gateway, a non-profit organization
VDC: Village Development Committee, 4th order administrative level in Nepal

Files Included in this Release

File or Folder	File or Sub-Folder	Description
	NPL_geoocoded_projectLocations.csv	Nepal geocoding preliminary release.
	NPL_AMP_projects.csv	All Nepal AMP projects at time of release.
Metadata	NPL_AMP_projects_field_list.csv	field names and descriptions for the AMP projects.
	NPL_geocoded_projectLocations_field_list.csv	field names and descriptions for the geocoded project locations
	NPL_boundaries_field_list.csv	list of shapefile attribute names and descriptions

	ucdp_aiddata_codebook_published.pdf	UCDP Paper No 4. Outlines the geocoding methodology.
GIS	NPL_ADM1	boundary shapefile for the 5 regions of Nepal
	NPL_ADM2	boundary shapefile for the 14 zones of Nepal
	NPL_ADM3	boundary shapefile for the 75 districts of Nepal
	NPL_ADM4	boundary shapefile for the 3,980 VDCs of Nepal
GIS/MXD	Nepal.mxd	ArcGIS workspace with all boundaries and points plotted
README.pdf		This file.

Overview

Locations of projects in Nepal's AMP were geocoded using information gathered from in-country donor offices. Although approval dates as early as 1997 are present, the data is most complete for projects approved since 2010, when the AMP was launched in Nepal. The geocoded data represents 482 projects that operate in over 21,000 total locations. An interactive map of the Nepal geocoded data can be found on AidData's GIS portal. Boundary shapefiles for each administrative level in Nepal are also included in this release. These boundaries are modified from a World Bank source (licensed under the Creative Commons--CC BY 3.0). Note that each shapefile is actually made up of four separate files: .dbf, .shp, .prj, .shx. When working in a GIS, these can be spatially joined to the geocoded data or any relevant covariates.

Using Data in a GIS

AidData has developed an Introduction to ArcGIS Training Module. 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 in ArcGIS, and create cartographic outputs.

Additionally, AidData has included a starter workspace, under the GIS/MXD folder (Nepal.mxd). This is an ArcGIS Desktop 9.3.x and above compatible workspace which displays all the spatial data included in this release.

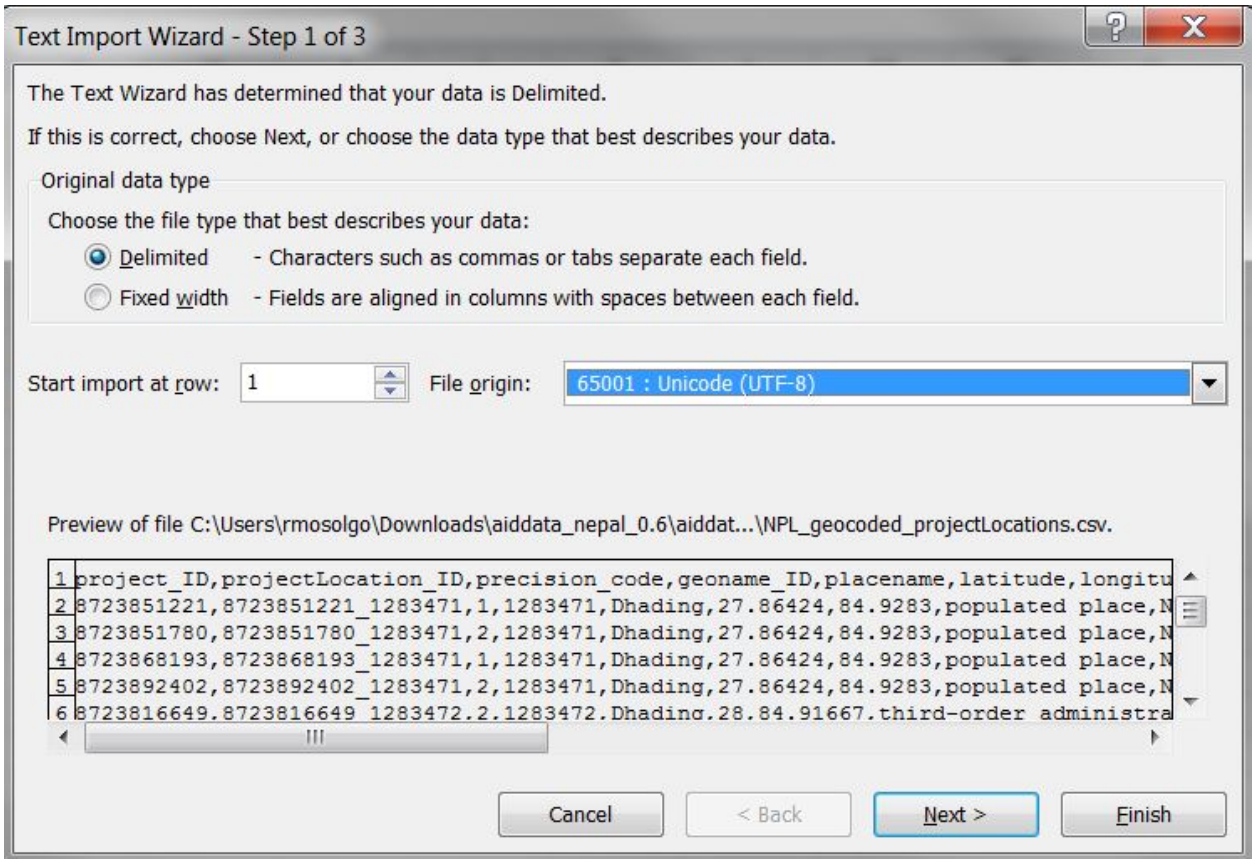
Using Data in Excel

Microsoft Excel has known limitations when working with CSV files that have character encodings like UTF-8 (the character encoding of the AidData CSV Data).

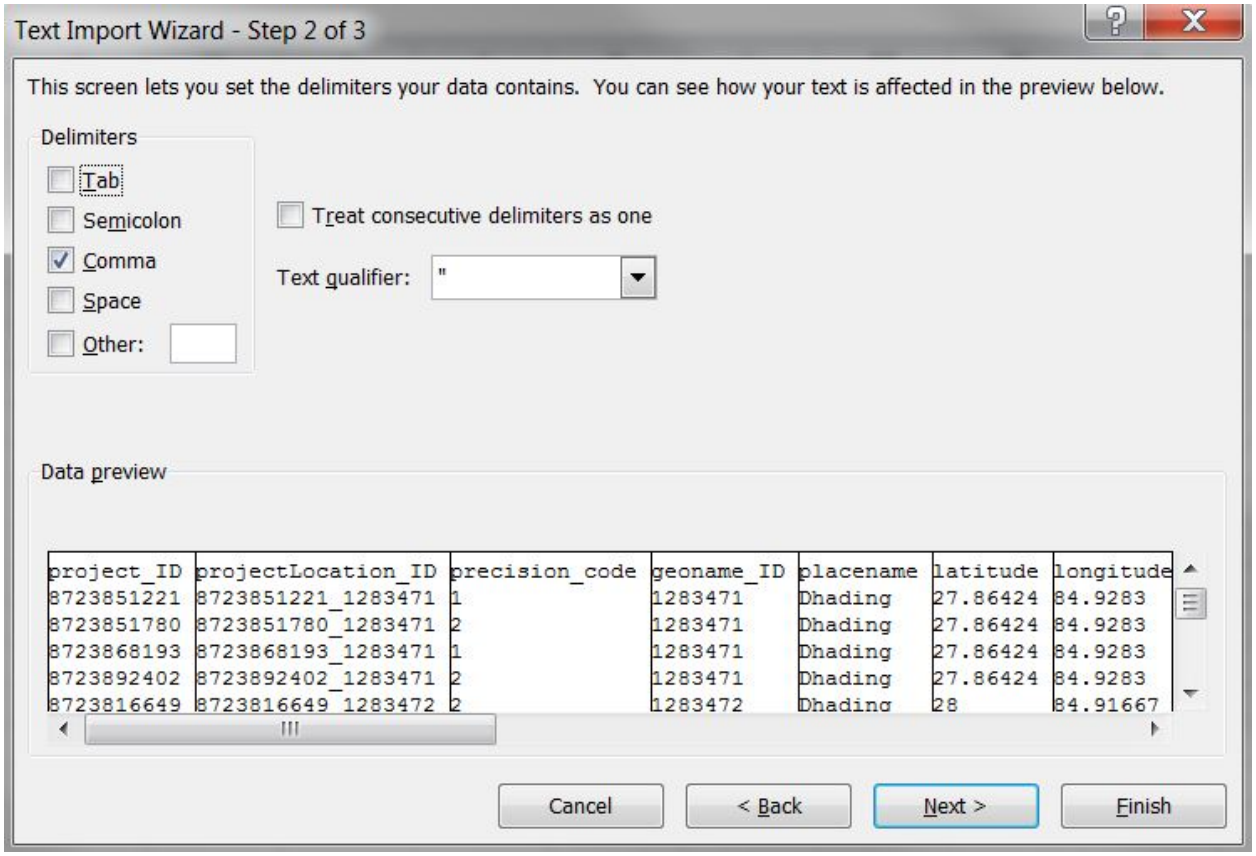
To avoid potential problems with character encodings, please use the "From Text" command on the Data menu when opening the CSV files. Double-clicking on the files to open in Excel, and/or saving them as CSV from Excel may result in character encoding problems. For instructions, see this link:

http://office.microsoft.com/en-us/excel-help/import-or-export-text-txt-or-csv-files-HP010099725.aspx#BMimport_data_from_a_text_file_by_openi

Step 1: Invoke the Import Wizard, Select the File and Choose Encoding

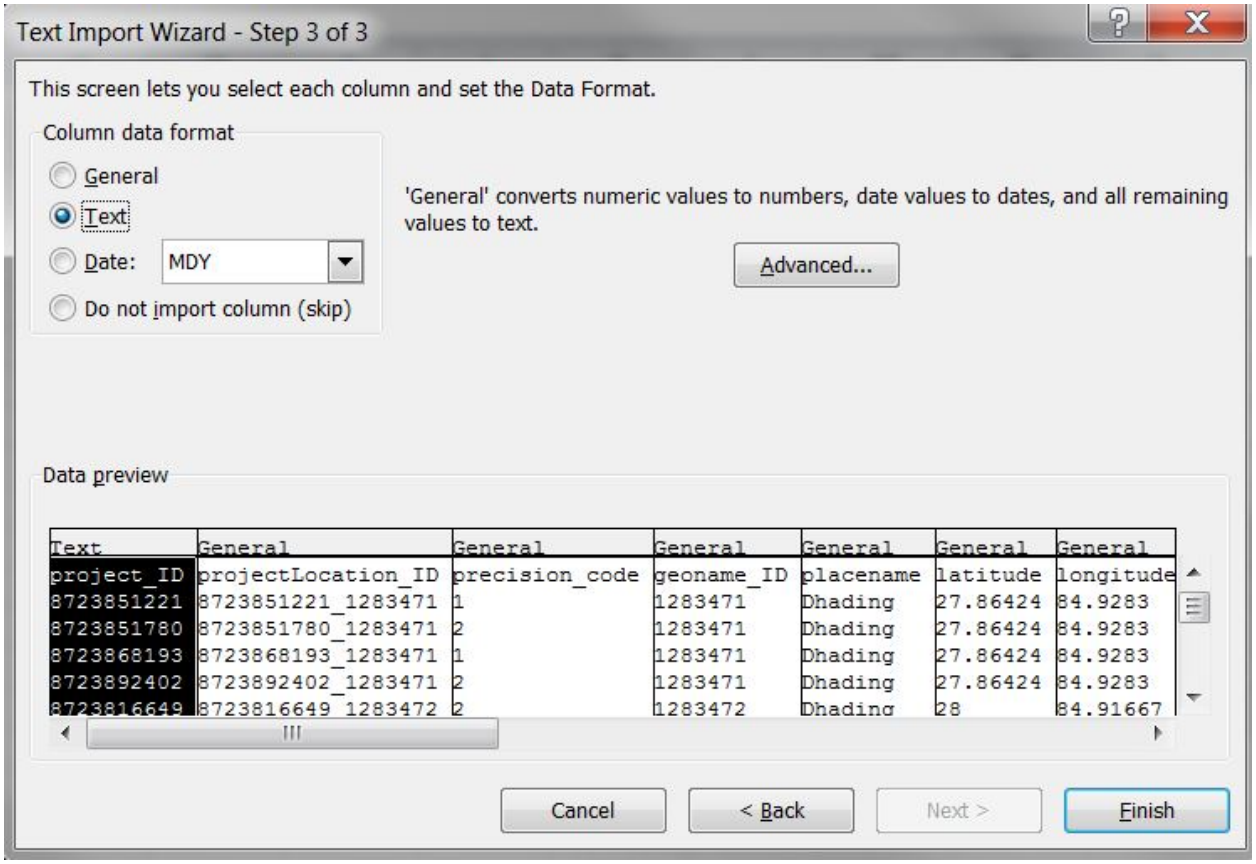


Step 2: Select Delimiters (Comma)



Step 3: (OPTIONAL) Change Project ID Field Type to Text.

Some users report problems when importing this field and having the data be converted to scientific notation (e.g. 8.234+E11). If this happens, simply change the field type to text, as below.



Column Metadata

Metadata lists will contain field names and descriptions of those field names--and in some cases the source of the data and the level at which the field describes information. All variables in the projects table describe information at the project level. All variables in the locations table describe information at the location level.

Caveats

- This dataset was not activity coded. AidData sector codes are crosswalked from the sector designations in Nepal's AMP. See crosswalk table in the metadata folder.
- Financial amounts for 2013 are not deflated, they appear in current USD.
- Negative commitment amounts are legal.
- The effectiveness, agreement, and actual start date fields are not governed by a particular temporal order in the Nepal AMP.

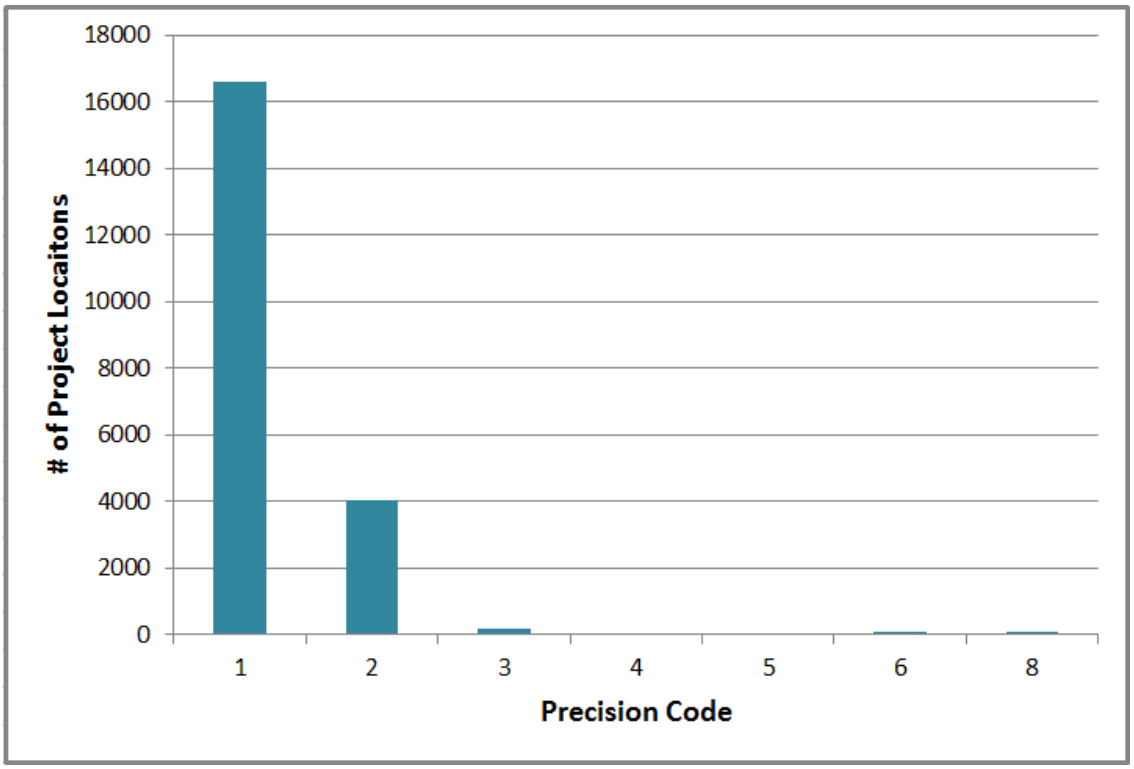
Precision Codes

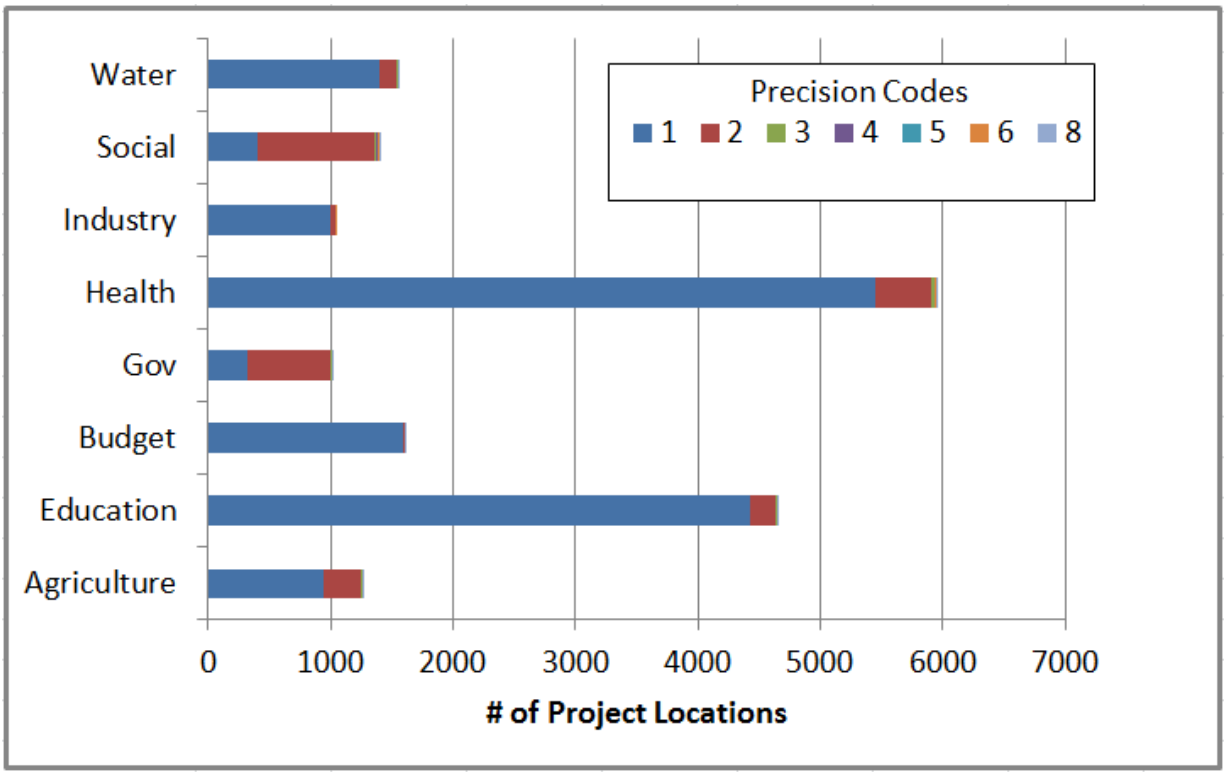
Precision Code Value	Precision Code Description
1	coordinates correspond to an exact location (or VDC in Nepal)

2	coordinates correspond to a district in Nepal or location that is known to be within 25km of the coordinates
3	coordinates correspond to a zone in Nepal
4	coordinates correspond to a region in Nepal
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

Visual Breakdown by Precision Code

See Charts A and B below. Chart A breaks down the entire dataset by precision code. Chart B breaks down the geocoded data by sector and precision code.





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/codelists/organisation/
Aid Management Platforms	http://www.developmentgateway.org/programs/aid-management-program/aid-management-platform
Nepal Boundary Shapefiles	http://maps.worldbank.org/overlays/3238
Nepal AMP	http://portal.mof.gov.np/