

AidData GeoQuery Request Documentation

Report Info

Request Name	Namibia
Request Id	639b9c0c01db915a1533bf94
Email	ssaroka@ad.unc.edu
Generated on	2022-12-15 17:10:53 (EST)
Download Link	geo.aiddata.org/query/#!/status/639b9c0c01db915a1533bf94

Processing Timeline

submitted	2022-12-15 17:13:32 (EST)
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Goodman, S., BenYishay, A., Lv, Z., & Runfola, D. (2019). GeoQuery: Integrating HPC systems and public web-based geospatial data tools. Computers & Geosciences, 122, 103-112.

Contents of Request Zip

- request documentation (this pdf document)
- a comma separated value (CSV) file containing your data
- JSON file containing your request parameters
- GeoQuery paper (pdf)

For additional information, usage tips, guides and more please visit geo.aiddata.org.

To get in touch, please contact us via geo@aiddata.org.

Meta Information

Boundary

Title	Namibia ADM1 - GeoBoundaries v4
Name	nam_adm1_gb_v4
Version	v4
Description	GeoBoundaries boundary file for ADM1 in Namibia.
Details	(no additional details)
Bounding Box	[[[11.737225, -16.9634855], [11.737225, -28.96945], [25.2616564, -28.96945], [25.2616564, -16.9634855], [11.737225, -16.9634855]]]
Date Added	2021-09-08
Date Updated	2021-09-08
Source Name	geoBoundaries
Source Link	http://www.geoboundaries.org
Citation	Runfola, Daniel, Austin Anderson, Heather Baier, Matt Crittenden, Elizabeth Dowker, Sydney Fuhrig, Seth Goodman, Grace Grimsley, Rachel Layko, Graham Melville, Maddy Mulder, Rachel Oberman, Joshua Panganiban, Andrew Peck, Leigh Seitz, Sylvia Shea, Hannah Slevin, Rebecca Yougerman, Lauren Hobbs. "geoBoundaries: A global database of political administrative boundaries." Plos one 15, no. 4 (2020): e0231866.

Selection 1 - World Bank Geocoded Aid Data v1.4.2

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. f99c939. sum
Filters	hash: f99c939c26324222c24000b226ce4f4860f86725
transactions_start_year	1997
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 2 - World Bank Geocoded Aid Data v1.4.2 (1)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. 034e602. sum
Filters	hash: 034e602184525ada5b850c34a57cabaed175203d
transactions_start_year	2003
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 3 - World Bank Geocoded Aid Data v1.4.2 (2)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. 6142400. sum
Filters	hash: 61424005f4d2840217aa41703324d6d59589894a
transactions_start_year	2004
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
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Selection 4 - World Bank Geocoded Aid Data v1.4.2 (3)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. 381e47f. sum
Filters	hash: 381e47f18e2cdde150266523541816492414b676
transactions_start_year	2005
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
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Selection 5 - World Bank Geocoded Aid Data v1.4.2 (4)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. be4c261. sum
Filters	hash: be4c26122c94927b0861ea8f536b8a0ebba43809
transactions_start_year	2006
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
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Selection 6 - World Bank Geocoded Aid Data v1.4.2 (5)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. 98af255. sum
Filters	hash: 98af255153973bd6b03d394cf63171fdbe19f001
transactions_start_year	2007
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 7 - World Bank Geocoded Aid Data v1.4.2 (6)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. 993244c. sum
Filters	hash: 993244c7eee8db2ea14f4c586d9f2f292e6f4509
transactions_start_year	2008
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 8 - World Bank Geocoded Aid Data v1.4.2 (7)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. 0cf8a0f. sum
Filters	hash: 0cf8a0f3e0a61b43672d0a68c4542f117b7340be
transactions_start_year	2009
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 9 - World Bank Geocoded Aid Data v1.4.2 (8)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. c3898aa. sum
Filters	hash: c3898aa24192e60c0f3537c6c1c988c2a1e20a5e
transactions_start_year	2010
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 10 - World Bank Geocoded Aid Data v1.4.2 (9)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. e9437ae. sum
Filters	hash: e9437aea82357c7978f0a80a20e1ef86428ecc79
transactions_start_year	2011
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 11 - World Bank Geocoded Aid Data v1.4.2 (10)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. 56d6ad1. sum
Filters	hash: 56d6ad12e6f3a577b569f89e1905ec69d5050e2f
transactions_start_year	2012
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 12 - World Bank Geocoded Aid Data v1.4.2 (11)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. a8d2793. sum
Filters	hash: a8d2793b2079f14538bd78947ab94647be2798c7
transactions_start_year	2013
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
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Selection 13 - World Bank Geocoded Aid Data v1.4.2 (12)

Title	World Bank Geocoded Aid Data v1.4.2
Name	worldbank_geocodedresearchrelease_level1_v1_4_2
Version	1.4.2
Column Names	worldbank_geocodedresearchrelease_level1_v1_4_2. d56e944. sum
Filters	hash: d56e9447ada4f782f9b7afc3e0668f72ed88a15c
transactions_start_year	2014
ad_sector_names	All
Description	Aid data from World Bank Donor System, geocoded and published by AidData. Covers projects from 1995 to 2014. Version 1.4.2.
Details	(no additional details)
Bounding Box	[[[-175.6332, 72.0], [-175.6332, -54.666669999999996], [179.19981, -54.666669999999996], [179.19981, 72.0], [-175.6332, 72.0]]]
Date Added	2017-03-29
Date Updated	2017-03-29
Source Name	World Bank
Source Link	http://data.worldbank.org/
Citation	AidData. 2017. WorldBank_GeocodedResearchRelease_Level1_v1.4.2 geocoded dataset. Williamsburg, VA and Washington, DC: AidData. Accessed on [date]. http://aiddata.org/research-datasets .
Download Link	http://aiddata.org/datasets

Selection 14 - UCDP Conflict Deaths

Title	UCDP Conflict Deaths
Name	ucdp_deaths_171
Version	17.1
Column Names	Format: "ucdp_deaths_171.<temporal>.<method>" for all combinations of <temporal> and <method> which can be found in the "Temporal Selection" and "Extract Types Selected" fields below (28 columns total)
Temporal Selection (0)	2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995, 1994, 1993, 1992
Temporal Selection (1)	1991, 1990, 1989
Extract Types Selected	sum (sum of fatalities per unit of analysis)
Description	Number of total fatalities per 0.01 decimal degree grid cell resulting from conflict event using UCDP Georeferenced Event Dataset (GED) global version 17.1.
Details	
Bounding Box	[[[-117.3, 60.0], [-117.3, -34.61], [160.27999999999997, -34.61], [160.27999999999997, 60.0], [-117.3, 60.0]]]
Date Added	2017-07-27
Date Updated	2017-07-27
Source Name	UCDP
Source Link	http://ucdp.uu.se/downloads/
Citation	Sundberg, Ralph, and Erik Melander, 2013, 'Introducing the UCDP Georeferenced Event Dataset', Journal of Peace Research, vol.50, no.4, 523-532 Croicu, Mihai and Ralph Sundberg, 2017, "UCDP GED Codebook version 17.1", Department of Peace and Conflict Research, Uppsala University
Variable Description	the best estimate of total fatalities resulting from conflict events
Resolution	0.01
Factor	1.0

Selection 15 - WorldPop Population Count

Title	WorldPop Population Count
Name	worldpop_pop_count_1km_mosaic
Version	2020
Column Names	Format: "worldpop_pop_count_1km_mosaic.<temporal>.<method>" for all combinations of <temporal> and <method> which can be found in the "Temporal Selection" and "Extract Types Selected" fields below (21 columns total)
Temporal Selection (0)	2020, 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000
Extract Types Selected	sum (total population per unit of analysis)
Description	Estimated population count from WorldPop. Underlying dataset provides number of people per 1km pixel. The mapping approach is Random Forest-based dasymetric redistribution
Details	No additional processing of raw data.
Bounding Box	[[[-180, 83.99958319871001], [-180, -72.00041617728999], [179.99874929500004, -72.00041617728999], [179.99874929500004, 83.99958319871001], [-180, 83.99958319871001]]]
Date Added	2021-09-28
Date Updated	2021-09-28
Source Name	WorldPop
Source Link	https://www.worldpop.org/geodata/listing?id=64
Citation	WorldPop (www.worldpop.org - School of Geography and Environmental Science, University of Southampton; Department of Geography and Geosciences, University of Louisville; Departement de Geographie, Universite de Namur) and Center for International Earth Science Information Network (CIESIN), Columbia University (2018). Global High Resolution Population Denominators Project - Funded by The Bill and Melinda Gates Foundation (OPP1134076). https://dx.doi.org/10.5258/SOTON/WP00647
Variable Description	number of people
Resolution	0.00833
Factor	1.0

Interpreting CSV Column Names

Each CSV will contain a column labeled "asdf_id" which has values for each feature that are unique (within that boundary dataset), one or more columns for your extract data, followed by the original source attributes for the boundary file (e.g., from GADM)

The standard format for extract data column names is a three part string delimited by periods (.)

<dataset>.<filter>.<method>

where

<dataset> is the name of the dataset which was extracted

<filter> describes how the dataset was filtered. This is usually a temporal value (e.g., YYYY format for year such as "1999", "none" for temporally invariant data, or a unique hash describing more complex filters, such as for aid datasets)

<method> is the extract method used to aggregate dataset values to boundary features (e.g., "mean", "sum")

Notes - Aid data extracts

The <filter> component of aid data extracts is a unique hash that corresponds to the filter combination used to generate that particular aid data extract (e.g., donor, sector, year, status). For each aid data extract you request, you will see three columns in the CSV that have the same <dataset> and <filter> sections of the column name with the <methods> of the three being different.

These three <method> values are:

- "sum" is the total aid for each feature within the boundary based on the distribution of aid used when building the aid data
- "potential" is the maximum aid that could have been allocated to each feature regardless of the distribution of aid used
- "reliability" is a ratio of sum:potential representing a simplistic measure of how accurate the distribution and aggregation of aid was relative to the boundary features used during the extract process

Notes - Categorical extracts

Data extracted using the categorical method will have multiple columns with the same <dataset> and <filter> where the <method> for each is "categorical_<category>".

For a simple landcover dataset this might look like:

- landcover.2000.categorical_water
- landcover.2000.categorical_forest
- landcover.2000.categorical_desert

Usage Notes

- If you attempt to merge GeoQuery results with vector data (e.g., shapefiles) downloaded from GADM, the GADM data may not always contain a unique id field to merge on. In these cases, please feel free to contact us and we can provide you with a modified file that contains a unique field for merging ("asdf_id" field, found in all result csvs).

Notes About Aid Datasets

- When requesting aid data using a very specific filter (usually resulting in only a single project match), the location count shown in GeoQuery may be inaccurate. This can result in aid filters which appear valid while building your request, but result in no aid data in your results csv. This is due to a slight reduction in the accuracy of location counts for the web page in order to make the responses fast enough for user interaction.
- The year filter for aid data is based on project start and end dates (determined by earliest and latest transactions). Because projects are represented by year ranges, multiple aid data selections for individual years may contain duplicate aid. This will result in an inflated total if you sum the aid from each individual year (compared to a single selection for all years). Limited source information on individual or even yearly transactions for a project prevent us from offering more granular temporal aid values for projects.
- All aid data selections result in commitment values, regardless of whether you filter by commitment values or disbursement values (or both). This is due to the notably better project coverage of commitments vs disbursements (e.g., World Bank aid dataset has 99% commitment coverage vs ~75% for disbursements).

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