Subject: API list of surveys with GPS datasets is incomplete
Posted by DiegoBassani on Mon, 25 Nov 2024 15:03:06 GMT

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Hi, I noticed the following API request:

 https://api.dhsprogram.com/rest/dhs/surveys?surveyCharacteri
sticIds=26&surveyStatus=completed&surveytype=DHS&amp ;f=html

Excludes some surveys that have GPS datasets (surveyCharacteristicIds=26), for example, Cambodia 2021, Jordan 2017, Mali 2018, Nigeria 2018, Philippines 2017 and Tajikistan 2017 all have GPS datasets, but do not show up in this API call because code 26 is not in their "surveyCharacteristicIds" column.

they do show as available in the datasets query, although not clear how to filter the API call. https://api.dhsprogram.com/rest/dhs/datasets?DatasetType=GPS Datasets&f=html

1887 KHGC81FL.ZIP Cambodia 2021 2021-22 DHS KH 558 KH2021DHS GPS Datasets Geospatial Covariates Flat ASCII data (.dat) 846214 2023-02-20 15:31:12.0
1888 KHGE81FL.ZIP Cambodia 2021 2021-22 DHS KH 558 KH2021DHS GPS Datasets Geographic Data Flat ASCII data (.dat) 76915 2023-02-20 08:24:32.0

Thanks

Diego

Subject: Re: API list of surveys with GPS datasets is incomplete
Posted by Blake-DHS on Mon, 25 Nov 2024 19:48:28 GMT

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Diego

Thank you for flagging this issue. There were 17 surveys with a missing survey characteristic 'GPS/georeferenced'. They have all been updated in our database and are listed below. To filter the API call for georeferenced datasets, use this link https://api.dhsprogram.com/rest/dhs/datasets/?fileType=GE&am p;f=html

Albania 2017-18 DHS
Bangladesh 2017 SPA
Bangladesh 2017-18 DHS
Burkina Faso 2017-18 MIS
Cambodia 2021-22 DHS
Ethiopia 2021-22 SPA

Ghana 2016 MIS
Jordan 2017-18 DHS
Malawi 2017 MIS
Mali 2018 DHS
Mozambique 2018 MIS
Nepal 2021 SPA
Nigeria 2018 DHS
Philippines 2017 DHS
Senegal 2017 SPA
Tajikistan 2017 DHS
Togo 2017 MIS

Blake Zachary
The DHS Program

Subject: Re: API list of surveys with GPS datasets is incomplete
Posted by DiegoBassani on Sun, 01 Dec 2024 01:25:33 GMT
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Thanks Blake,

The call by surveyCharacteristicIds=26 still does not bring up the same list as the one by fileType=GE.

 https://api.dhsprogram.com/rest/dhs/surveys?fileType=GE& surveyStatus=completed&surveytype=DHS&f=html (328 records)

 https://api.dhsprogram.com/rest/dhs/surveys?surveyCharacteri sticIds=26&surveyStatus=completed&surveytype=DHS&amp ;f=html (198 records)

If I remove the survey status query, the numbers are still different, and smaller (not what I would expect with a less restrictive query).

 https://api.dhsprogram.com/rest/dhs/surveys?fileType=GE& surveytype=DHS&f=html (313 records)

 https://api.dhsprogram.com/rest/dhs/surveys?surveyCharacteri sticIds=26&surveytype=DHS&f=html (193 records)

Diego

Subject: Re: API list of surveys with GPS datasets is incomplete
Posted by Blake-DHS on Wed, 04 Dec 2024 14:47:08 GMT
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You cannot specify a fileType in a surveys call, only in a datasets call. Below is the correct call for each.

 https://api.dhsprogram.com/rest/dhs/surveys?surveyCharacteri
sticIds=26&surveyStatus=completed&f=html
 https://api.dhsprogram.com/rest/dhs/datasets/?fileType=GE&am
p;surveyStatus=completed&f=html

The number of surveys with GPS data collected will not match the number of geospatial datasets available because not all GPS data collected is publicly released for various reasons.

https://dhsprogram.com/data/available-datasets.cfm

If the surveyStatus is not specified, the default is surveys with data available in the API. Not all completed surveys have data in the API which is why the total would be less. Pending surveys also do not have data in the API until they are marked as completed.