

# Data

## API: Indicator Queries

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### About Indicator Queries

Indicators represent data like total population, gross national income, energy use, and many more. The following information is available for each indicator:

- Code
- Name
- Source ID
- Source Note
- Topic ID
- Topic Name

### Request Format

`http://api.worldbank.org/indicators` and  
`http://api.worldbank.org/indicators/NY.GDP.MKTP.CD` where the first request will return a list of all indicators and the second request where "NY.GDP.MKTP.CD" is a specific indicator.

### Response Format

For the request `http://api.worldbank.org/indicators/NY.GDP.MKTP.CD`

#### XML

```
<wb:indicators page="1" pages="1" per_page="50" total="1">
-
<wb:indicator id="NY.GDP.MKTP.CD">
<wb:name>GDP (current US$)</wb:name>
<wb:source id="2">World Development Indicators</wb:source>
-
<wb:sourceNote>
GDP at purchaser's prices is the sum of gross value added by all resident producers in the
economy plus any product taxes and minus any subsidies not included in the value of the
products. It is calculated without making deductions for depreciation of fabricated assets or
```

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#### Developer Info

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for depletion and degradation of natural resources. Data are in current U.S. dollars. Dollar figures for GDP are converted from domestic currencies using single year official exchange rates. For a few countries where the official exchange rate does not reflect the rate effectively applied to actual foreign exchange transactions, an alternative conversion factor is used. Source: World Bank national accounts data, and OECD National Accounts data files.

</wb:sourceNote>

-

<wb:topics>

<wb:topic id="3">Economic Policy and External Debt</wb:topic>

</wb:topics>

</wb:indicator>

</wb:indicators>

JSON

```
[
  {
    "page":1,
    "pages":1,
    "per_page":50,
    "total":1
  },
  [
    {
      "id":"NY.GDP.MKTP.CD",
      "name":"GDP (current US$)",
      "source":{
        "id":"2",
        "value":"World Development Indicators"
      },
      "sourceNote":"GDP at purchaser's prices is the sum of gross value added by all
resident producers in the economy plus any product taxes and minus any subsidies not included
in the value of the products. It is calculated without making deductions for depreciation of
fabricated assets or for depletion and degradation of natural resources. Data are in current
U.S. dollars. Dollar figures for GDP are converted from domestic currencies using single year
official exchange rates. For a few countries where the official exchange rate does not
reflect the rate effectively applied to actual foreign exchange transactions, an alternative
conversion factor is used. Source: World Bank national accounts data, and OECD National
Accounts data files.",
      "topics":[
        {
          "id":"3",
          "value":"Economic Policy and External Debt"
        }
      ]
    }
  ]
]
```

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## Examples

It is common to use the API to get indicator data related to countries.

Return a list of all indicators

```
http://api.worldbank.org/indicators
```

Return information about GDP in current US dollars

```
http://api.worldbank.org/indicators/NY.GDP.MKTP.CD
```

Return the definition of the indicator SP.POP.TOTL, in this case, total population

```
http://api.worldbank.org/indicators/SP.POP.TOTL
```

Display all indicators for the source: Doing Business referred by numeric ID

```
http://api.worldbank.org/source/1/indicators
```

Return the GDP (in current US\$) for Brazil (this call also accepts the 3 letter ISO code)

```
http://api.worldbank.org/countries/br/indicators/NY.GDP.MKTP.CD
```

Return the GDP for ALL countries (please note the "all" special keyword) in 2002

```
http://api.worldbank.org/countries/all/indicators/NY.GDP.MKTP.CD?date=2002:2002
```

In order to get one indicator for a country - for example GNI per capita for Brazil in current US\$ using the Atlas method

```
http://api.worldbank.org/countries/br/indicators/NY.GNP.PCAP.CD/?date=2006:2006
```

By default, the GNI call above gives all the data available. If you want just the GNI data from, say, 1960 to 1970

```
http://api.worldbank.org/countries/br/indicators/NY.GNP.PCAP.CD?date=1960:1970
```

## See Also

Read about [Aggregates - Regions and Income Levels](#) to learn how you can substitute ISO codes for codes that represent region and income levels in order to obtain aggregate data values based on regions and income level groups.

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