



Global Fortification Data Exchange (GFDx)

Providing actionable food fortification data all in one place

www.FortificationData.org

Demonstrated need for harmonized fortification data



Photo: SPRING



Photo: UNICEF



Photo: BASF

Mandatory food vehicles in Tanzania:

Wheat flour

Iron, zinc, folic acid, B12, niacin, riboflavin, thiamin, vitamin A

Maize flour

Iron, zinc, folic acid, B12

Salt

Iodine

Oil

Vitamin A

The GFDx improves the availability of quality data and analytics for better decision making



Our Goal:

To empower governments, donors, implementing agencies, and other members of the fortification community to make data-driven decisions in the planning, resourcing and tracking of food fortification policies and programs

GFDx Data Stewards identified for institutional technical expertise on specific fortification vehicles

Grains

Wheat,
maize, rice



Salt



Vegetable Oils



Food Fortification Initiative
Enhancing Grains for Healthier Lives

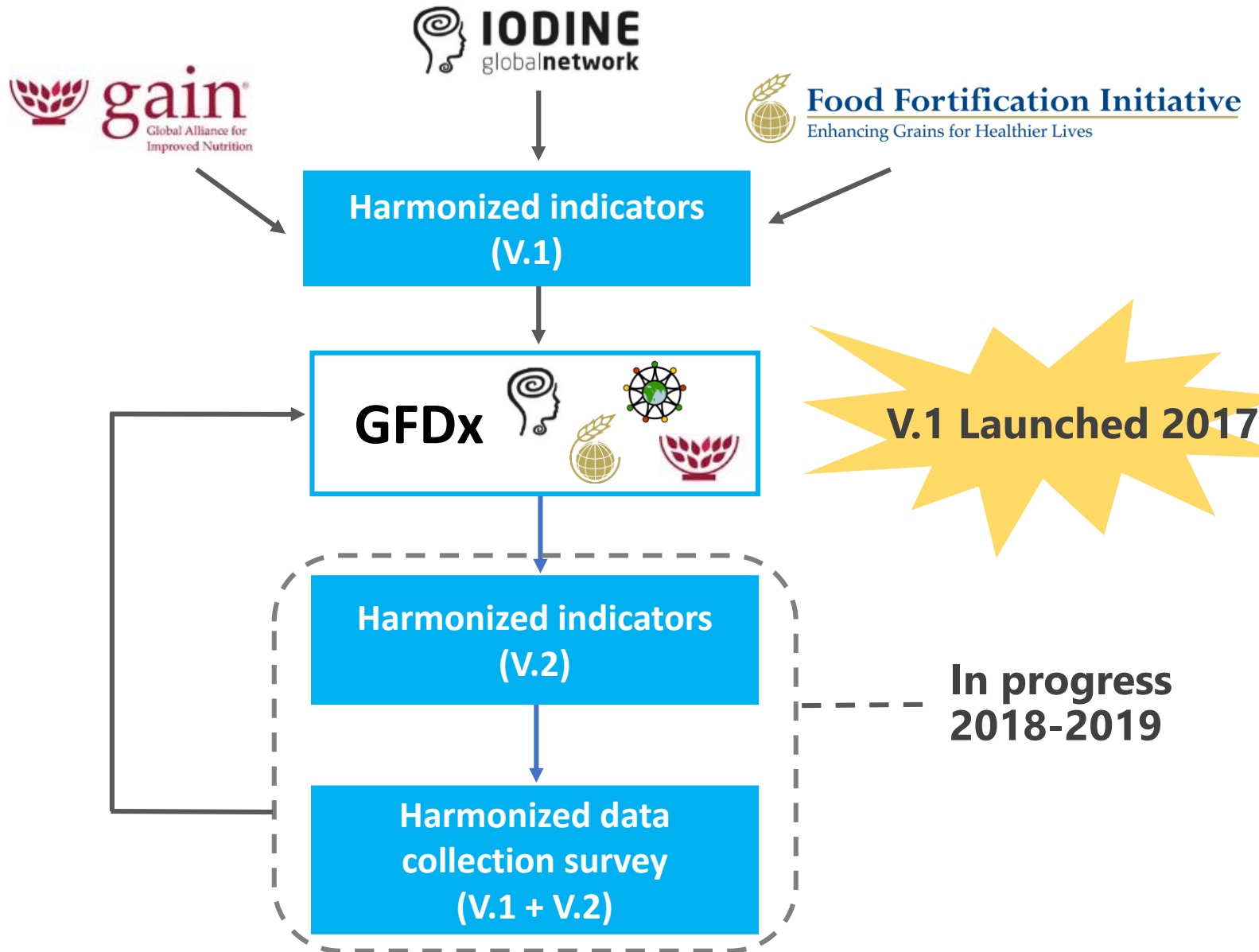


IODINE
global network



gain
Global Alliance for
Improved Nutrition

GFDx Data Stewards aggregate data for indicators with global consensus



GFDx Data Stewards aggregate data for indicators with global consensus

Indicators included in Version 1

1. Legislation Status

2. Fortification Standards

3. Food Intake & Availability

1. Mandatory status extracted from official government document
2. Nutrient standards (levels of iron, zinc, etc.) extracted from official government document

3. FAO Food Balance Sheets (oil, cereal grains); Published salt intake data

Indicators coming soon in Version 2

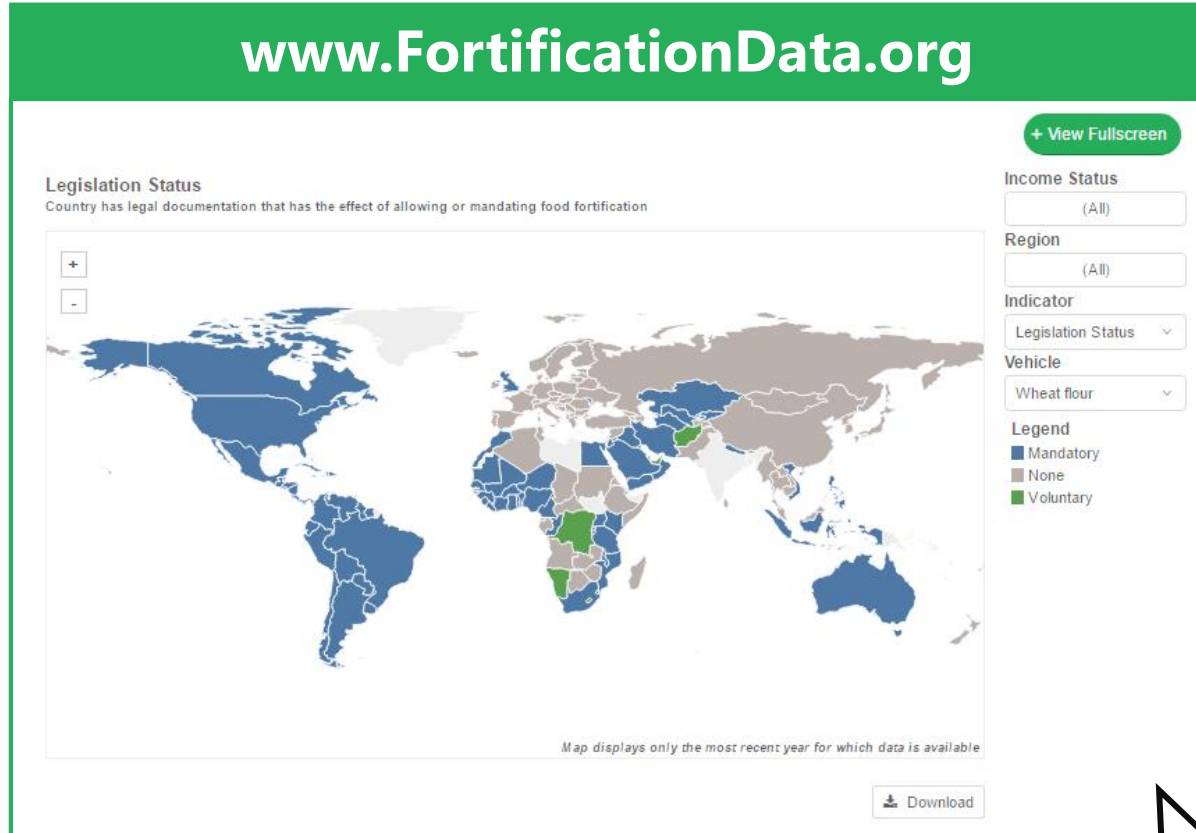
Regulatory Monitoring

Fortification Quality

Fortified Food Coverage

In the process of refining definitions for new indicators, some which will require primary data collection. Indicators and harmonized data collection survey will be piloted in countries.

DEMONSTRATION



DEMONSTRATION: Functionality

Last updated: date

Income Status: low, middle, high income (per World Bank)

Region: e.g. East Asia & Pacific, etc. (per World Bank)

Country: all listed

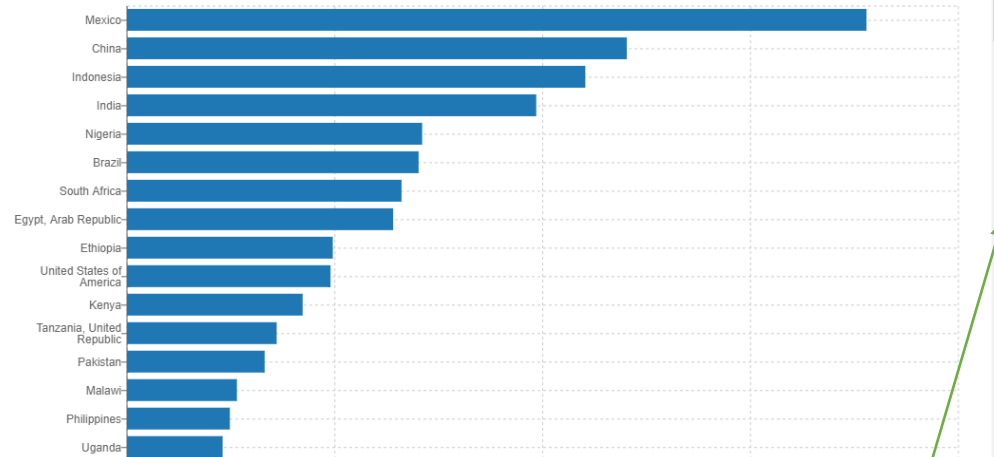
Food Vehicle: maize flour, oil, rice, salt, wheat flour

Title
Sub-title
Description

Chart: Total Food Availability

Total Food Available (MT)

The total food supply available (in metric tons) of the food vehicle in question for human consumption



Last updated: 12-Sep-2017

Income Status

(All)

Region

(All)

Country

(All)

Food Vehicle

Maize Flour

Fortification

Standard

Mandatory

Fortification

Voluntary

Fortification

Share: link to visualization

Share

Download: CSV file (open in MS Excel)

Download

- Fortification Standard
- Mandatory Fortification
- Voluntary Fortification
- All countries in world (de-select all)

DEMONSTRATION: Legislation

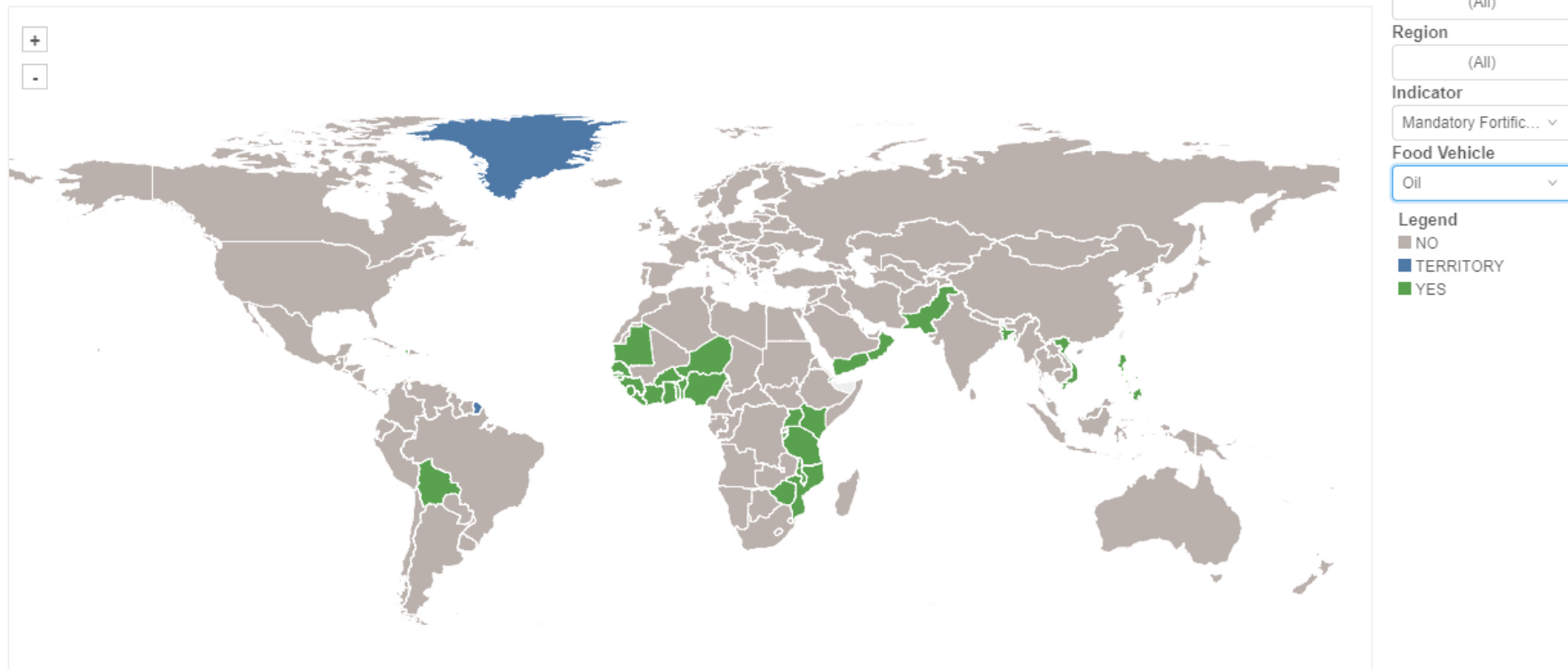
Which countries have mandatory fortification for a given food vehicle (e.g., oil)?

Map: Legislation and Standards

Mandatory Fortification

The country has legal documentation that has the effect of mandating fortification of the food vehicle in question with one or more priority micronutrients

Last updated: 12-Sep-2017



DEMONSTRATION: Legislation

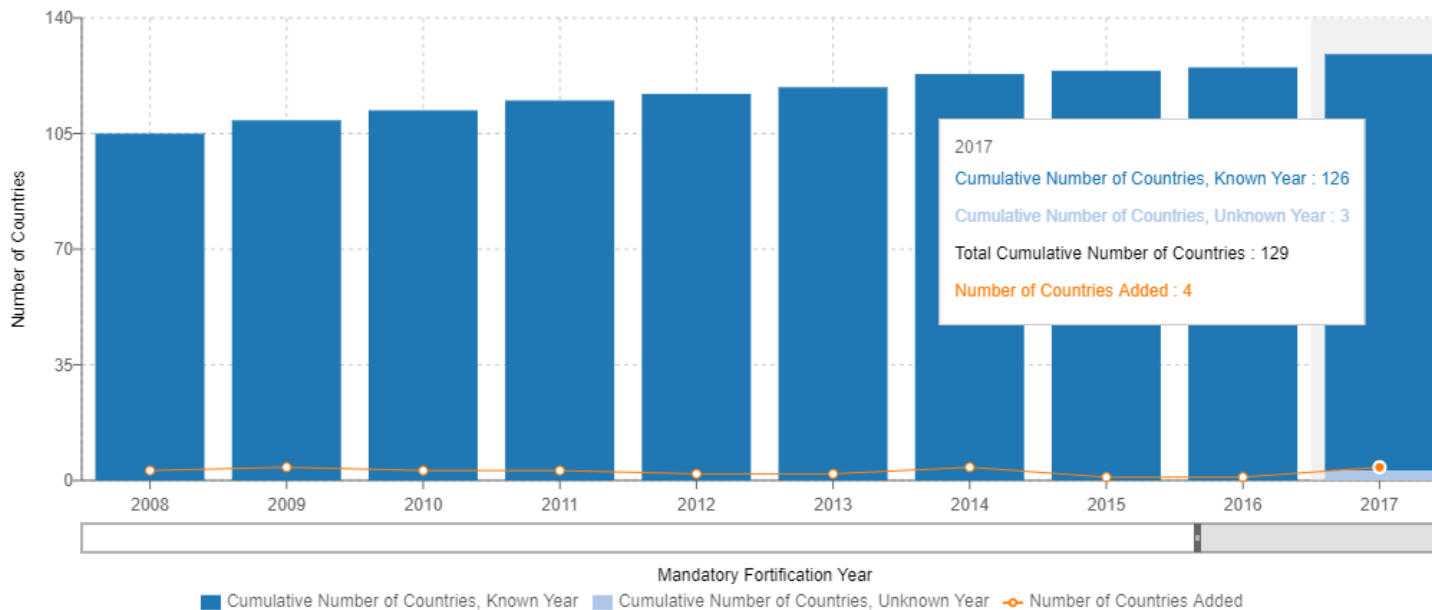
How many countries mandated fortification of one or more food vehicles after the 2008 Copenhagen Consensus showed food fortification as one of the most cost-effective efforts in international development?

Chart: Year When Food Fortification Mandated

Cumulative Count of Countries with Mandatory Fortification, by Year

Country has legal documentation that has the effect of mandating food fortification

Last updated: 12-Sep-2017



Income Status

(All)

Region

(All)

Food Vehicle

(All)

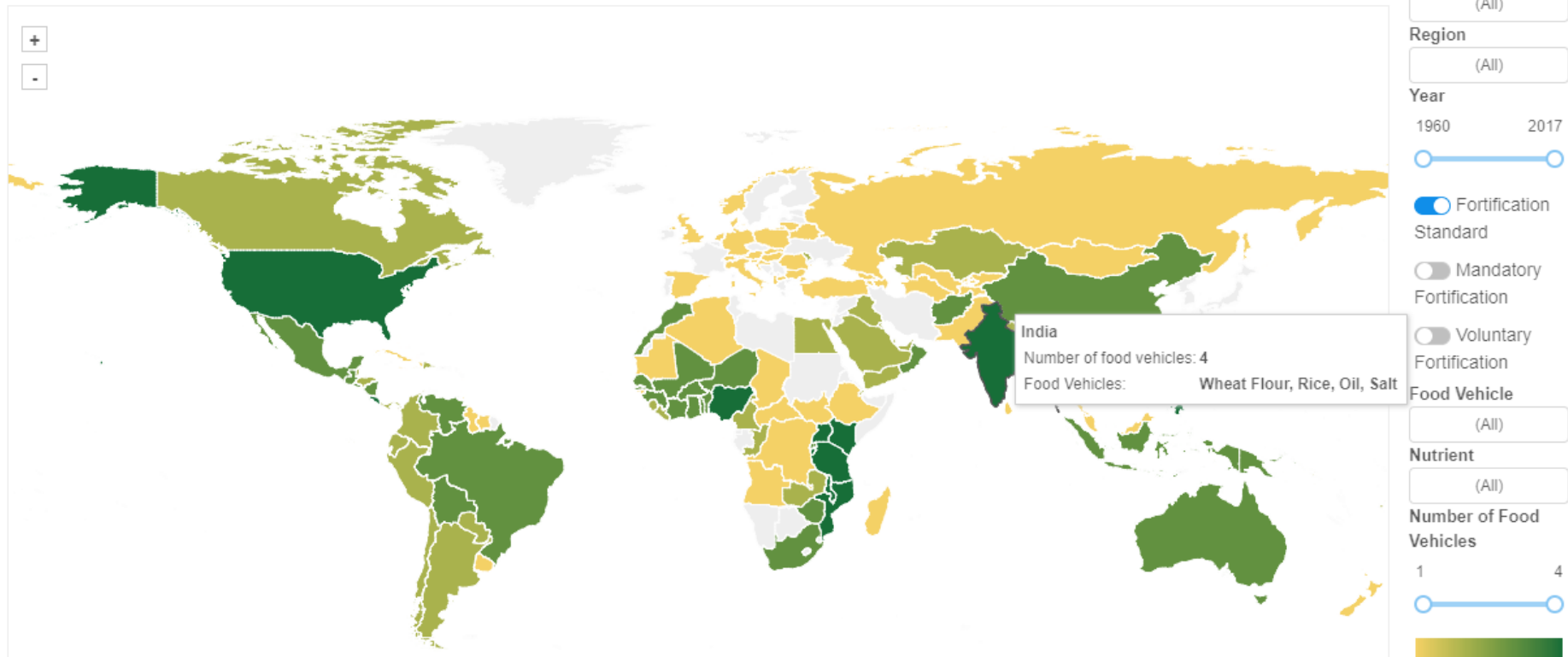
DEMONSTRATION: Fortification Standards

How many food vehicles are regulated with standards in a given country?

Map: Count of Food Vehicles with Standards

Count of Food Vehicles with Selected Nutrients in Country Standards

Last updated: 12-Sep-2017



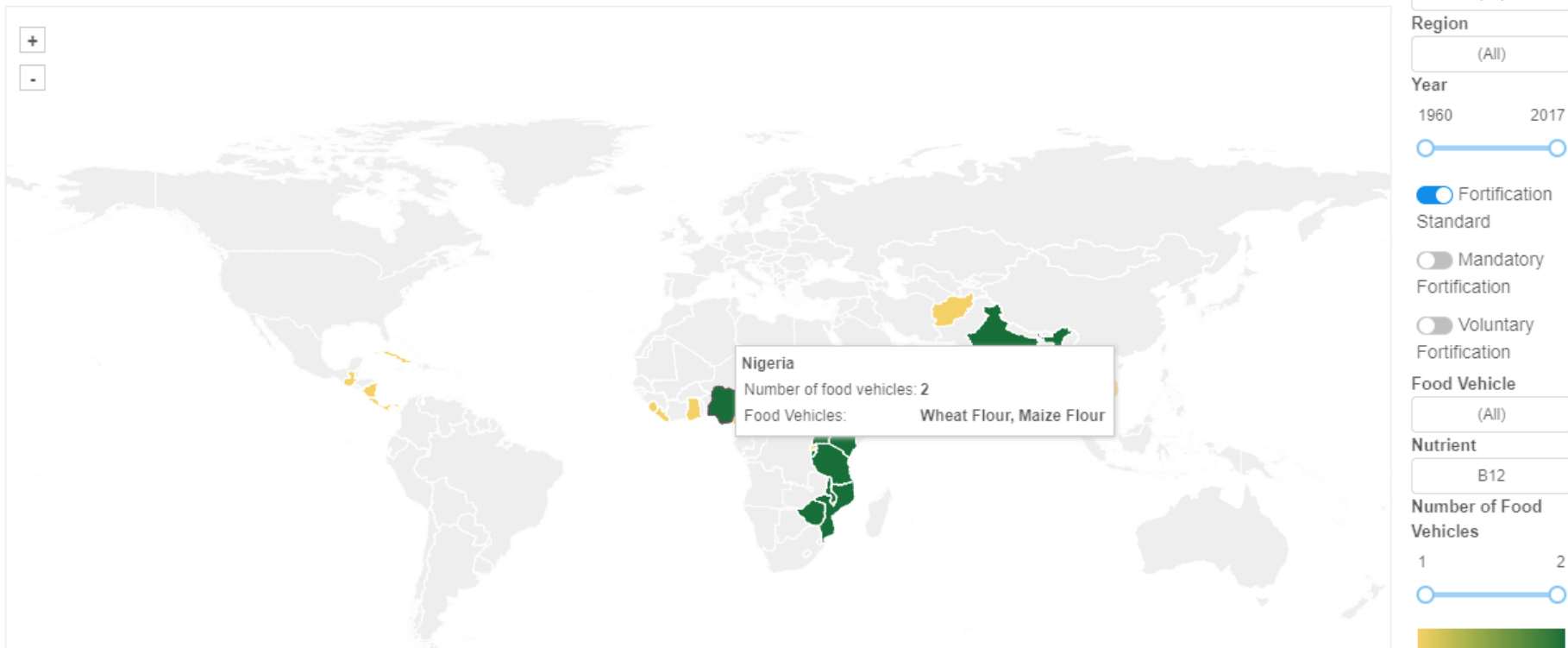
DEMONSTRATION: Fortification Standards

Which countries include a particular nutrient (e.g., vitamin B12) in fortified food standards?

Map: Count of Food Vehicles with Standards

Count of Food Vehicles with Selected Nutrients in Country Standards

Last updated: 12-Sep-2017



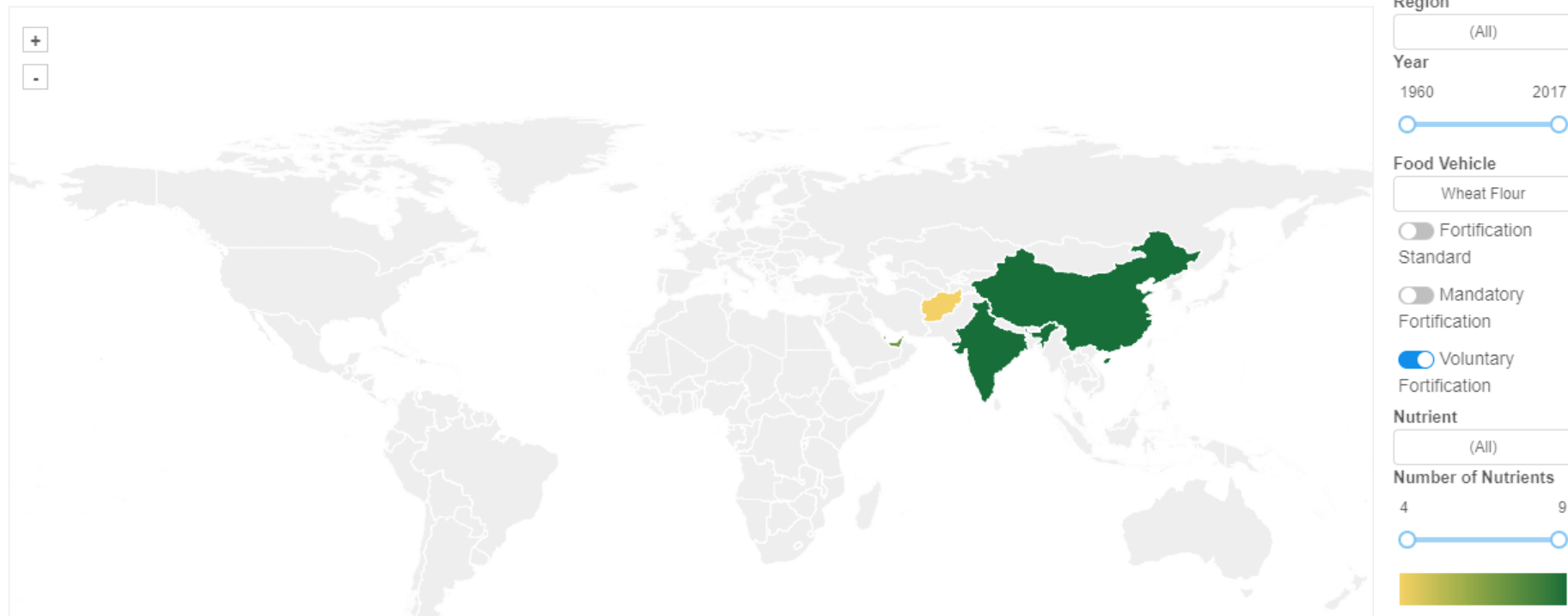
DEMONSTRATION: Fortification Standards

Among countries with voluntary fortification of wheat flour, how many nutrients are in the standards?

Map: Count of Nutrients In Fortification Standards

Count of Nutrients in Country Standards for Selected Food Vehicles

Last updated: 12-Sep-2017



DEMONSTRATION: Food Intake & Availability

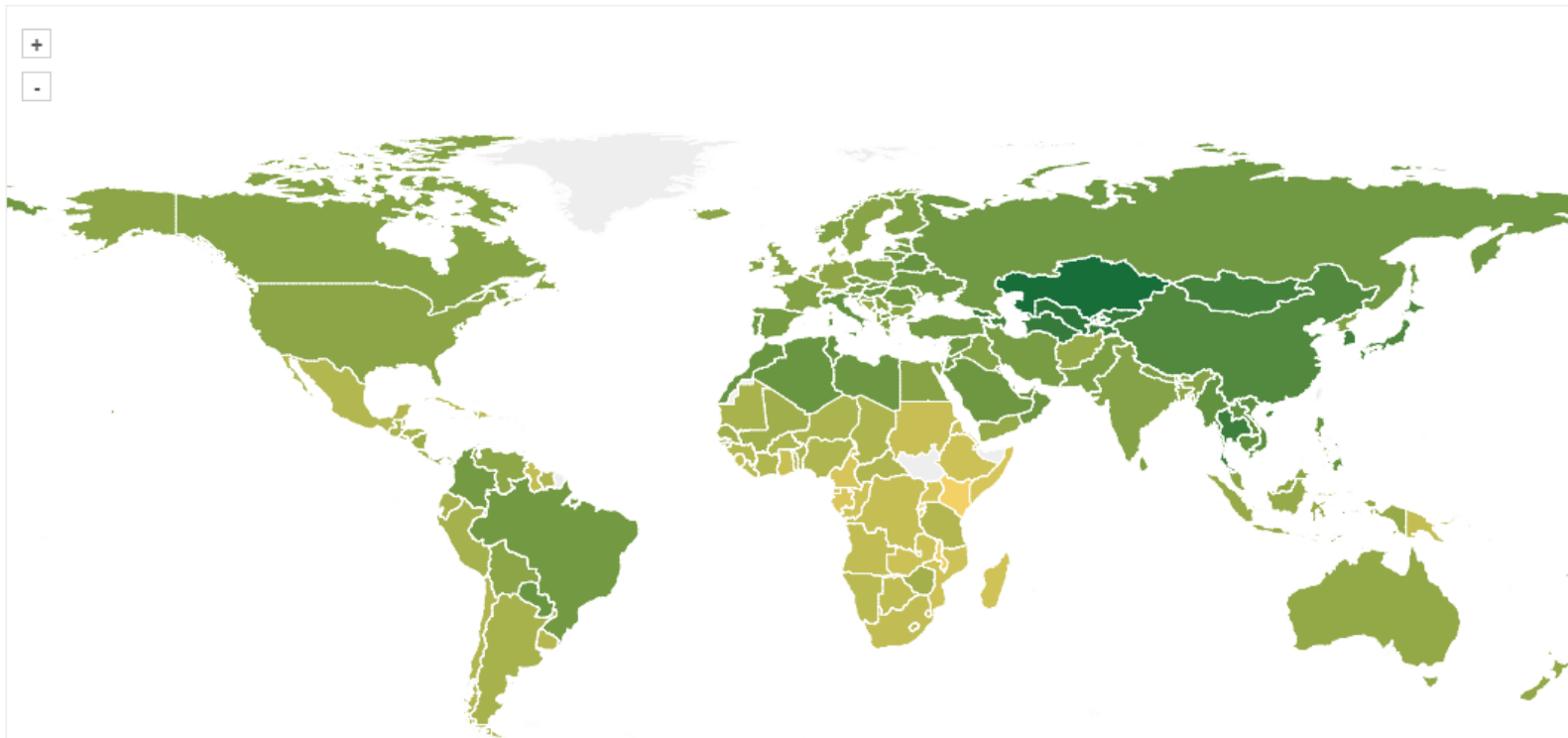
Which countries have high intake or availability of a food vehicle, as an opportunity to start fortification?

Map: Food Intake and Availability

Daily Food Intake/Availability

Average amount of food vehicle that is eaten per capita, per day

Last updated: 12-Sep-2017



Income Status

(All)

Region

(All)

Country

(All)

Food Vehicle

Salt

Fortification

Standard

Mandatory

Fortification

Voluntary

Fortification

Daily Food

Intake/Availability

(g/c/d)

1.48

5.98



DEMONSTRATION: Food Intake & Availability

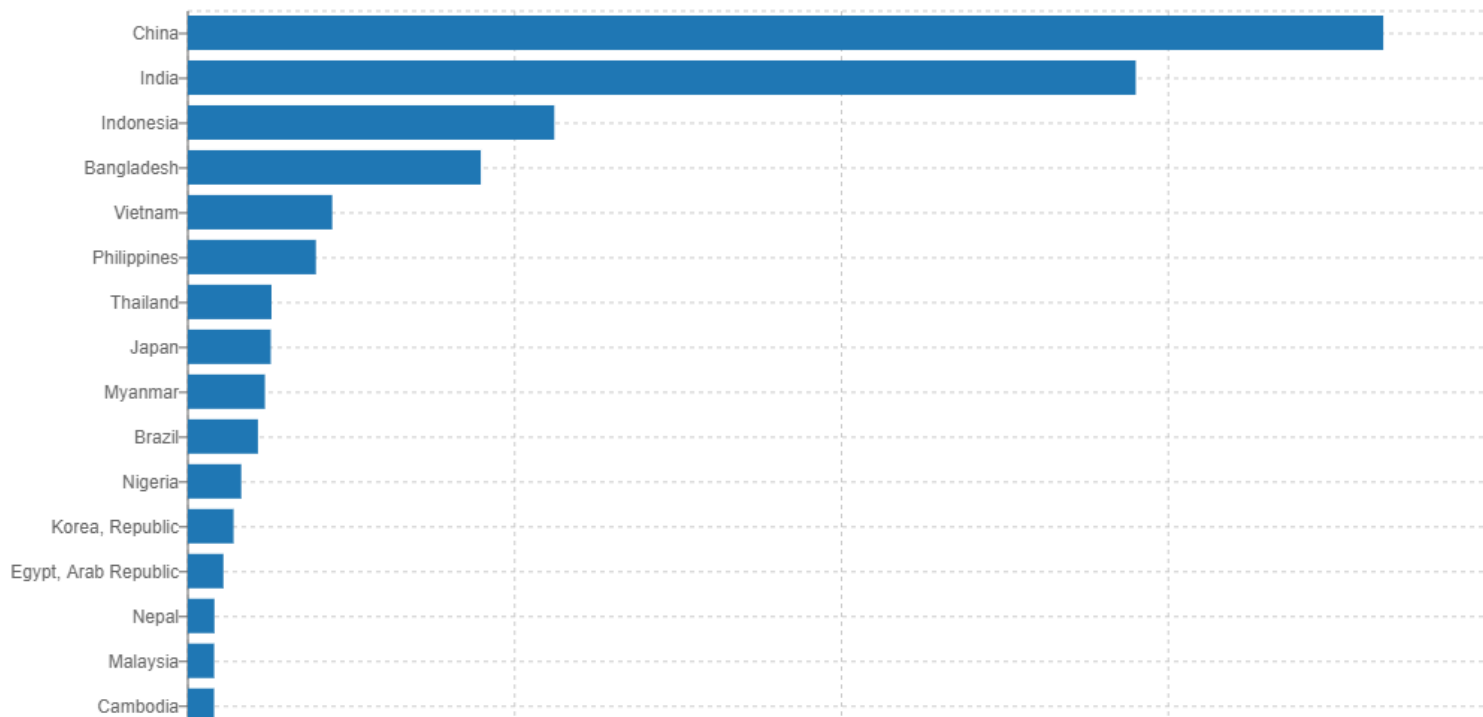
Which countries have the highest availability of a given food (e.g., rice), as potential new geographies to target for future fortification programs?

Chart: Total Food Availability

Total Food Available (MT)

The total food supply available (in metric tons) of the food vehicle in question for human consumption

Last updated: 12-Sep-2017



Income Status

(All)

Region

(All)

Country

(All)

Food Vehicle

Rice

Fortification

Standard

Mandatory

Fortification

Voluntary

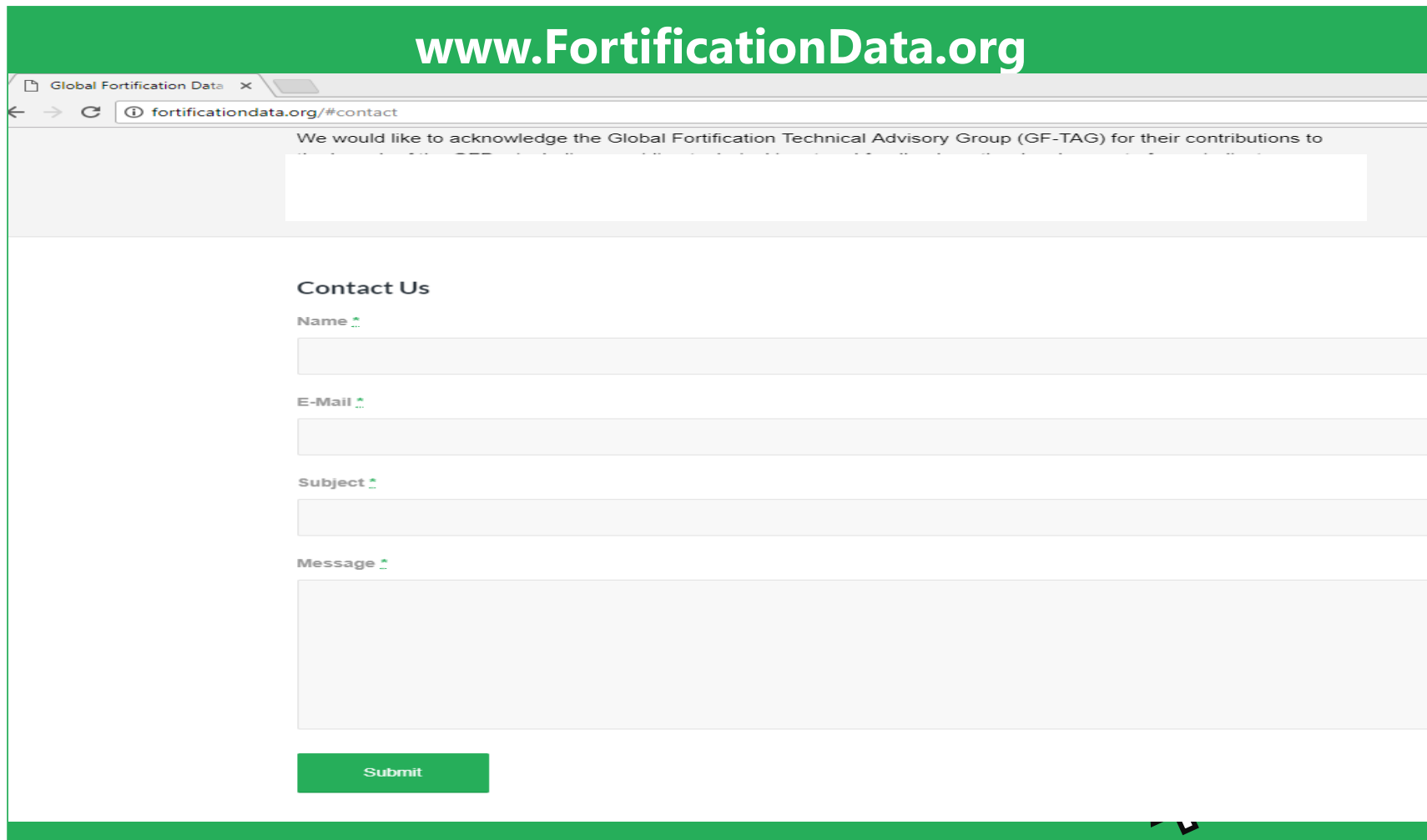
Fortification

Chart displays only the most recent year for which data are available

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Global Fortification Data Exchange (v1) launched in September 2017



The image shows a screenshot of a web browser displaying the contact page for www.FortificationData.org. The browser's address bar shows the URL "fortificationdata.org/#contact". The page features a green header with the website name. Below the header, there is a message acknowledging the Global Fortification Technical Advisory Group (GF-TAG). The main content is a contact form with the following fields: "Name", "E-Mail", "Subject", and "Message". Each field has a small green asterisk icon to its right. A green "Submit" button is located at the bottom of the form.

www.FortificationData.org

Global Fortification Data

fortificationdata.org/#contact

We would like to acknowledge the Global Fortification Technical Advisory Group (GF-TAG) for their contributions to

Contact Us

Name *

E-Mail *

Subject *

Message *

Submit

Let us know if you have data to add to the Exchange.
Let us know if there are errors in the Exchange.