



Global Fortification
DATA EXCHANGE

Improving Access and Use of Fortification Data

2023 - 2025

fortificationdata.org

GFDx's 2023-2025 COMMITMENTS

Make GFDx a more useful, accessible, and actively used decision-support platform for sustained action on large-scale food fortification (LSFF).

01



Expand and maintain comprehensive information on LSFF programs

02



Increase actionable insights derived from GFDx data

03



Increase the use of the GFDx website and LSFF data

THE HIGHLIGHTS

A new and improved decision support tool

Over the last three years, GFDx has delivered on a core promise: making LSFF data more useful, more current, and more widely used. This was driven by a significant strategic shift, focusing on modernizing GFDx's digital infrastructure, expanding its technical capabilities, and deepening its regional and national engagement.



25

member states reached
through ESA RCM partnership
in Eastern and Southern Africa



100+

languages now supported
on GFDx's platform



2X

the GFDx survey response
rate, 2025 vs. 2023



43

publications citing
GFDx (2023-2025)



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PRIORITY 01

**Expand and maintain
comprehensive information
on fortification programs**

THE HIGHLIGHTS

Expanded micronutrient data

WHAT GFDx DELIVERED

GFDx worked with the World Health Organization (WHO) to get an API to make accessing and sharing information from the Vitamin and Mineral Nutrition Information System (VMNIS) database faster and easier. Using these data, GFDx launched two new micronutrient status visualizations helping to answer whether there is a public need for fortification in a given country and population group and guiding existing fortification program improvements.

40 VMNIS indicators accessible via the new WHO API

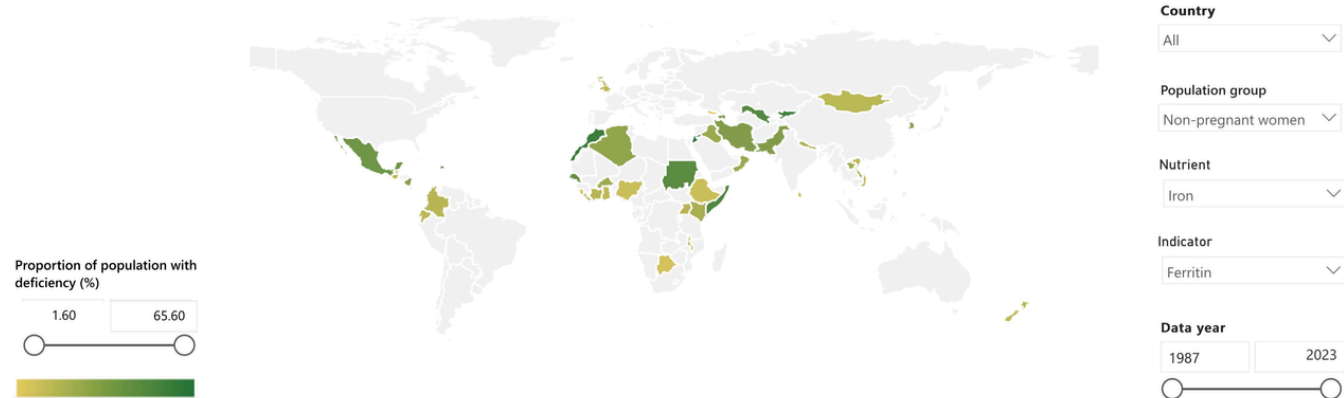
10 priority nutrient-indicator combinations identified for the platform

19 population subgroups for disaggregated filtering

New Visualization: micronutrient deficiency prevalence estimates for iron, zinc, vitamins A, B12, and folate

46 countries have iron status estimates for ferritin in non-pregnant women.

Search Country



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Last updated: 10-Jun-2026

Income status: All

Region: All

Country: All

Population group: Non-pregnant women

Nutrient: Iron

Indicator: Ferritin

Data year: 1987 2023

Map Data

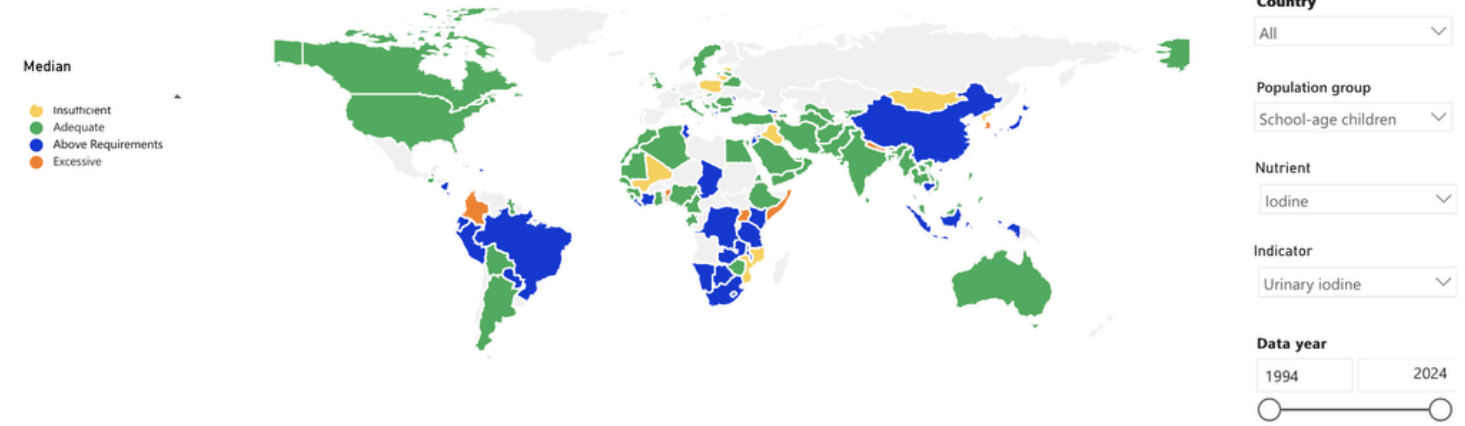
New Visualization: Iodine status estimates by country

125 countries have median urinary iodine concentration estimates in school-age children.

Search Country

Median

- Insufficient
- Adequate
- Above Requirements
- Excessive



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Last updated: 10-Jun-2026

Map Data

THE HIGHLIGHTS

Strengthened regulatory and policy information, and expanded compliance and coverage data

Harmonized terminology with regulatory and policy actors

GFDx worked with key global partners like WHO and OECD to make LSFF data and terminology more consistent, comparable, and aligned with emerging global standards.

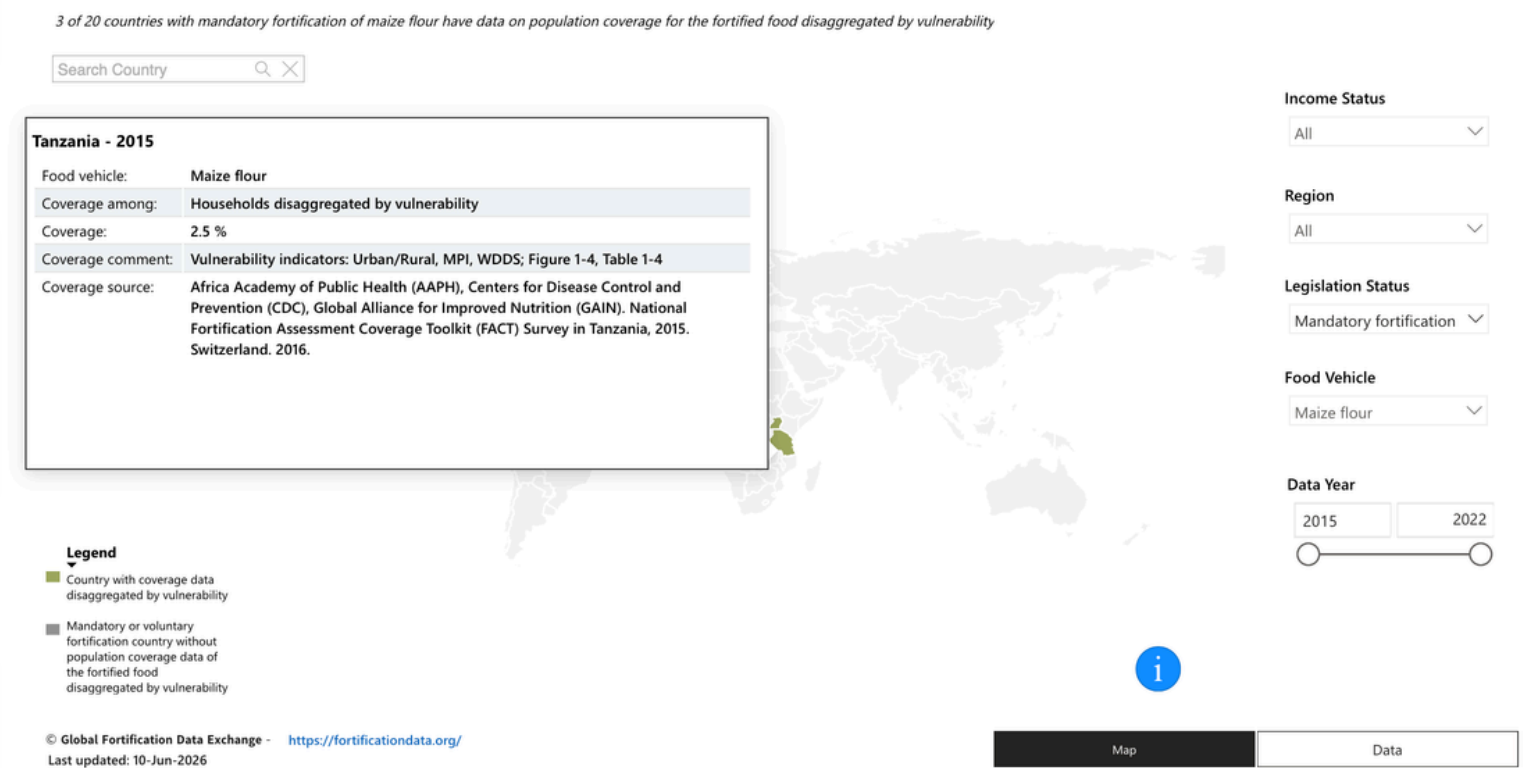
Partnership with Millers for Nutrition

GFDx strengthened its partnership with Millers for Nutrition to improve access to industry-level fortification data and support greater consistency across LSFF data systems.

Coverage visualization with vulnerability filters

GFDx expanded its coverage data to better show whether fortified foods are reaching vulnerable populations.

New Visualization: Population coverage of fortified foods, disaggregated by measures of vulnerability to micronutrient deficiency.



THE HIGHLIGHTS

Improved data collection methodology

WHAT GFDx DELIVERED

Rebuilt the biannual GFDx survey to better automate data collection and make contributing data simpler for partners, and began API-driven data collection automation with global partners to help drive deeper analyses.



Because of GFDx's major changes to the survey format, the response rate in 2025 was more than double the rate of 2023

211 new data points were collected from the GFDx survey in 2025



the survey was embedded in the country dashboard making it easy for respondents to reference their country's data

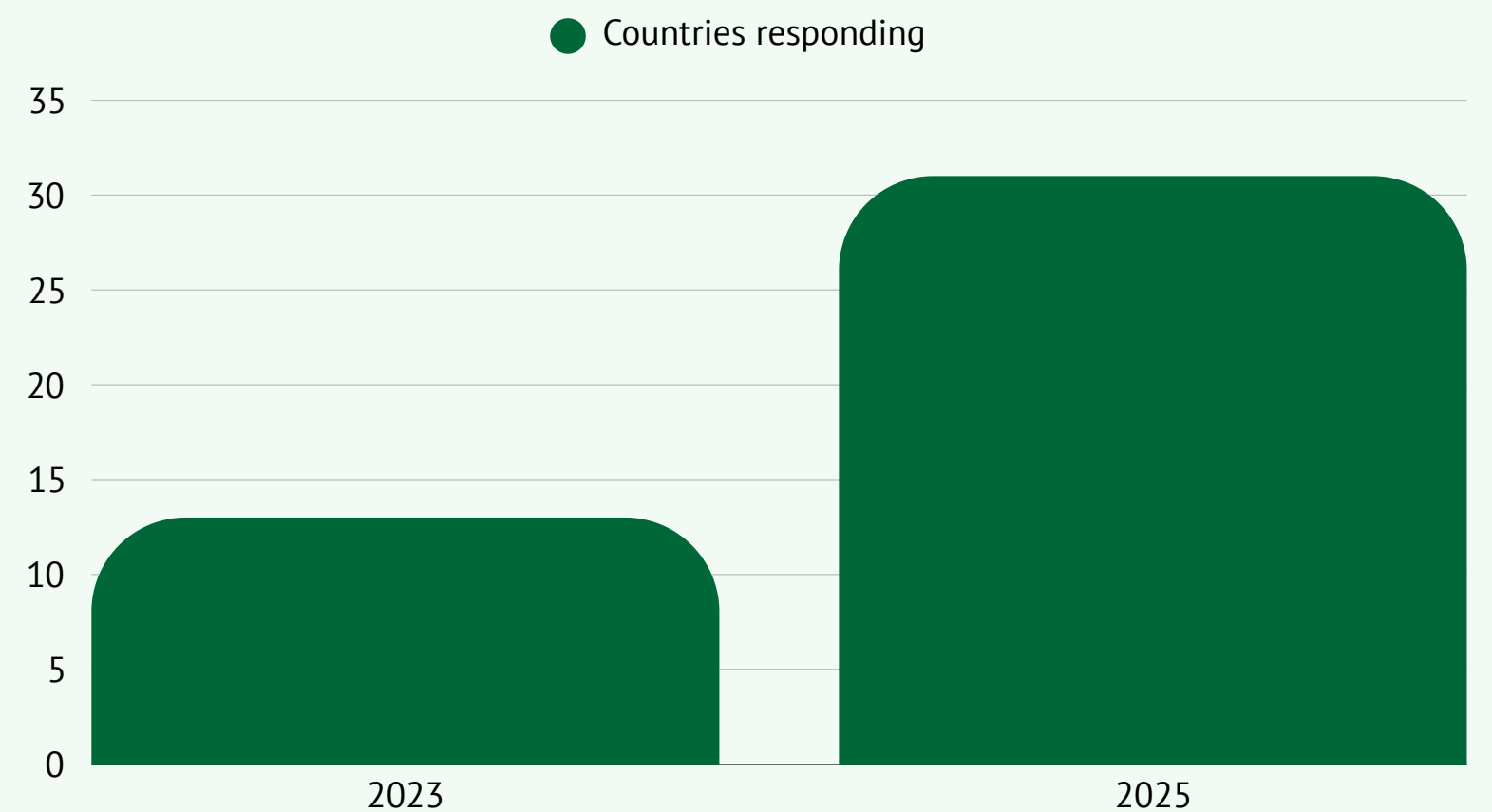


shifted toward automated data collection through API-driven linkages with global databases



automated data vetting protocols to streamline the survey data validation process

GFDx survey response - 2023 vs. 2025





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PRIORITY 02

**Increase actionable insights
derived from GFDx data**

THE HIGHLIGHTS

Improved website functionality and user experience

WHAT GFDx DELIVERED

By rebuilding the frontend and backend on open, widely supported tools, GFDx replaced a single-vendor dependency with a stable, sustainable architecture, while also overhauling the user experience, adding multilingual support, and incorporating a partner-facing API to make data more accessible.



100+

languages included in integrated multilingual support



completed a systematic review of the website text, visualizations, and compendium to ensure terminology consistency across GFDx

THE HIGHLIGHTS

Multilingual support for GFDx country dashboards

WHAT GFDx DELIVERED

GFDx enabled multilingual support in over 100 languages for its 196 country dashboards, improving data accessibility for users at the national level.

Select a country and click on the data category below to proceed

भारत

किलेबंदी का अवसर

मूलभूत दस्तावेज़

कार्यक्रम प्रदर्शन

समग्र किलेबंदी का अवसर

मक्के का आटा

राष्ट्रीय स्तर पर प्रभाव डालने के लिए मक्के के आटे को पोषक तत्वों से भरपूर बनाना एक अच्छा विकल्प नहीं है। प्रभाव बढ़ाने के लिए, विचार करें कि क्या अन्य खाद्य पदार्थों को पोषक तत्वों से भरपूर बनाने और सूक्ष्म पोषक तत्वों की पूर्ति के लिए उपयुक्त माना जा सकता है। स्थिति पर निरंतर नज़र रखें क्योंकि समय के साथ इसकी पहुँच क्षमता और औद्योगिक रूप से उत्पादित मात्रा में परिवर्तन हो सकता है।

उपलब्ध नहीं है Q औद्योगिक रूप से संसाधित मक्के के आटे का अनुपात

उपलब्ध नहीं है Q मक्के के आटे की जनसंख्या कवरेज

14 (जी/सी/डी) Q दैनिक भोजन की उपलब्धता

कार्यक्रम सुझाव: राष्ट्रीय स्तर पर पोषण में सुधार के लिए फोर्टिफिकेशन शायद सबसे अच्छा उपाय न हो; आगे की चर्चा के लिए सरकारी नियामकों और उद्योग जगत के प्रमुख हितधारकों को एक साथ लाने पर विचार करें। संभवतः पोषण संबंधी चुनौतियों से निपटने के लिए फोर्टिफिकेशन के बजाय या इसके साथ-साथ एक-साथ ही अन्य विकल्पों को देखें।

तेल

तेल को फोर्टिफाई करना राष्ट्रीय स्तर पर स्वास्थ्य पर प्रभाव डालने का एक अच्छा अवसर है, खासकर यदि खराब आहार गुणवत्ता वाली आबादी में तेल का पर्याप्त सेवन और कवरेज हो।

उपलब्ध नहीं है औद्योगिक रूप से संसाधित तेल का अनुपात

98% आबादी तेल से प्रभावित है।

25 (ग्राम/सी/दिन) दैनिक खाद्य उपलब्धता

कार्यक्रम संबंधी सुझाव: तेल का फोर्टिफिकेशन सैफ्टिक है; विचार करें कि क्या फोर्टिफिकेशन को अनिवार्य करने पर अधिक प्रभाव प्राप्त किया जा सकता है।

Select a country and click on the data category below to proceed

Côte d'Ivoire

Opportunité de fortification

Documents fondateurs

Performance du programme

opportunité globale de fortification

farine de maïs

L'enrichissement de la farine de maïs représente une opportunité d'enrichissement modérée ayant un impact à l'échelle nationale. Il serait judicieux d'envisager l'enrichissement d'un autre aliment en plus de la farine de maïs.

100% Proportion de farine de maïs transformée industriellement

Pas disponible Q Couverture de la farine de maïs par la population

46 (g/c/d) Q Disponibilité quotidienne des aliments

Source : Romance Dissieka, Helen Keller International. Pers plus

Suggestion de programme : L'enrichissement du système nutritionnel présente un potentiel modéré pour avoir un impact nutritionnel à l'échelle nationale ; il serait

Huile

L'enrichissement de l'huile représente une opportunité modérée, notamment si la consommation et la couverture en huile sont suffisantes au sein des populations dont l'alimentation est de mauvaise qualité. Une proportion nettement plus élevée d'huile produite industriellement renforcerait cette opportunité.

Pas disponible Proportion de pétrole transformé industriellement

Pas disponible Q Couverture de la population par le pétrole

25 (g/c/d) Disponibilité alimentaire quotidienne

Suggestion de programme : L'enrichissement de l'huile est déjà obligatoire ; vérifier la proportion d'aliments enrichis (données de conformité/qualité) ; si le programme est mis en œuvre de manière optimale, un impact au niveau national ou au niveau de sous-groupes pourrait être attendu.

BY THE NUMBERS

Website engagement from 2023 to 2025



30,000+

active users



203,000

page views



57,000

sessions



2:33

avg. time per user

HIGHLIGHTS

- Country fortification dashboards were the most visited pages
- Visitors use the website deliberately: direct traffic was the largest source of user sessions, followed by organic search
- The average engagement time increased, meaning visitors are staying and exploring the site and its data



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PRIORITY 03

**Increase the use of the GFDx
website and fortification
data**

THE HIGHLIGHTS

New partnerships to support national, regional, and global action

GFDx's technical partnership with ESA RCM

GFDx formalized a technical data partnership with the Eastern and Southern Africa Regional Coordination Mechanism on Universal Salt Iodization and Food Fortification (ESA RCM), led by the Eastern, Central and Southern Africa Health Community (ECSA-HC) and the Southern African Development Community (SADC). Through this partnership, GFDx will support monitoring and the use of data for decision-making across ESA RCM Member States. This collaboration reflects GFDx's broader three-year priority of strengthening engagement with regional partners.

Visibility at major convenings

GFDx participated in high-impact global and regional convenings to demonstrate the value of LSFF data for decision-making. Through events, including the World Health Assembly and Africa Regional Dialogue on Data for Action in Food Fortification, GFDx strengthened awareness of how its data can benchmark progress, track fortification efforts, and support sustained investment.

Contributions to knowledge and advocacy

GFDx contributed to global advocacy efforts and high-impact publications that elevated the use of LSFF data. Through citations in 43 publications, contributions to WHO and FAO guidance, advocacy toolkits, policy briefs, and forthcoming reports, GFDx strengthened its role as an authoritative resource for tracking fortification progress and supporting national action.

Data platform partnerships

GFDx strengthened collaboration with major global data platforms to expand the reach and use of LSFF data. Through new and emerging partnerships with projects like the Food Systems Dashboard, FAO, FAOLEX, and UNICEF NutriDash, GFDx is supporting cross-platform data integration, improved access to fortification documents, and advanced alignment across global fortification data systems.



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About GFDx

GFDx is a collaborative platform uniting data providers and users to improve the food fortification data landscape. It was developed as a joint effort by the Food Fortification Initiative (FFI), Global Alliance for Improved Nutrition (GAIN), Iodine Global Network (IGN), and the Micronutrient Forum in response to a call to action issued at the 2015 Arusha Statement on Food Fortification.

GFDx visualizes and disseminates fortification data to inform country- and regional-level decision-makers and global stakeholders. By addressing longstanding gaps in fortification data availability, stewardship, and accessibility, GFDx is helping to drive coordinated action among governments, non-profit organizations, researchers, and private industry to safely and effectively reduce micronutrient deficiency.

