



World Food Programme

SAVING LIVES
CHANGING LIVES

Digital Transformation

Presentation to the Executive Board

26 January 2022 | 14:00-15:30

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Part 1

- The Stakes of Digital
- Digital Transformation in WFP
- Discussion

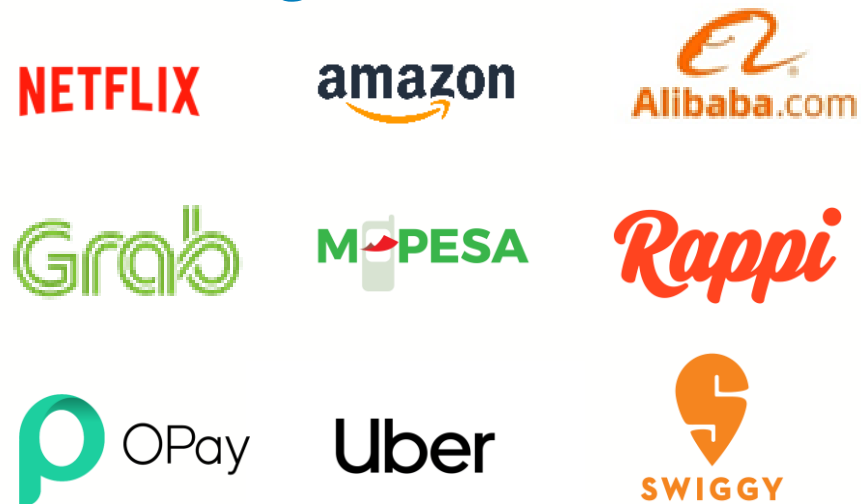
Part 2

- Our Journey Ahead: Opportunities and Challenges
- Discussion and Closing

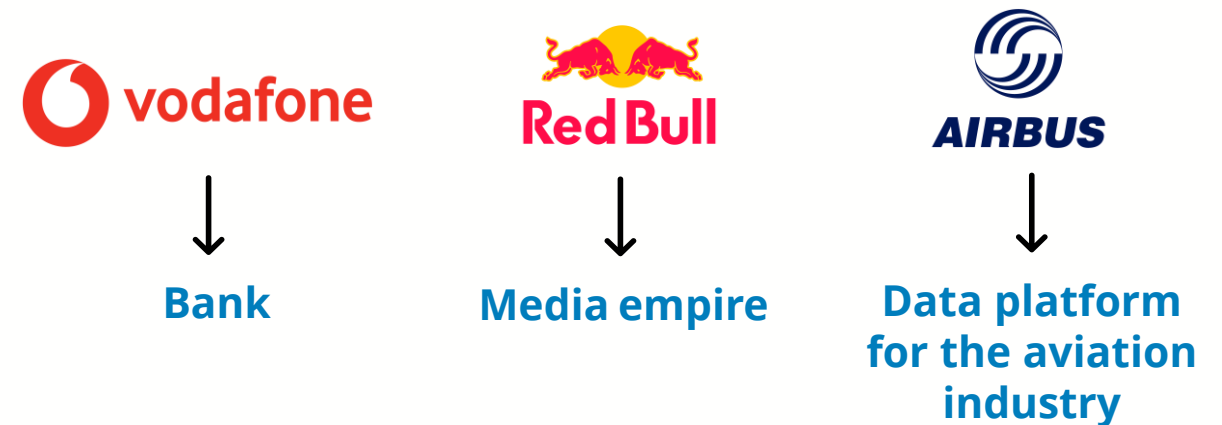
The Stakes of Digital

New & Old, All Industries Are Evolving

Digital Natives



Pre-Internet Organizations



All these organizations are:

- Powered by **data**;
- Relentlessly focused on **end-user value** and the relationship built with them;
- Leverages **new opportunities & ways of delivering value**.

Impetus for Change

Trends disrupting WFP and the Humanitarian sector will continue to push us to make change. To achieve zero hunger by 2030, the people we serve will need us to be faster, stronger, more agile.



Hyperconnected
Society



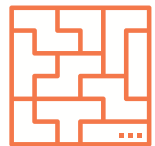
Digitalization of
Governments



Rise
of Cash



"Customer"
Expectations



UN
Reform



Climate
Change



New Humanitarian
Players

What does this mean for our industry?

- Major investments in building the new digital world
- Pressure on incumbents to redefine how value is delivered
- New expectations from the people we serve
- A new set of ethical and moral challenges

Definition of Digital Transformation

//

*Digital Transformation is **the integration of digital technology** into **all areas of business**, fundamentally changing how we operate and **deliver value** to customers and stakeholders.*

//

A Dual Approach

Help WFP **transform the way it works today** through technology and data



Explore and seize opportunities brought about by digital to **evolve our business and operating model**



Networks & Ecosystems

*Digitizing our activities & connecting our data means more informed decision making – **harnessing what is most important for the people we serve** - while providing transparency to our donors.*



Beneficiaries

360-view of how we help the most vulnerable

- Beneficiaries
- Partners
- Governments
- WFP Staff



Partners

Helping others deliver on their mandate



Governments

Packaging our data and expertise for better informed policies

Digital Transformation in WFP



The Foundations



DIGITALLY- ENABLED STRATEGY

Align Technology to strategy.
And vice-versa.



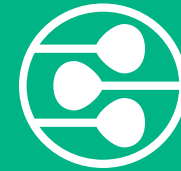
DATA & ANALYTICS

Access and trust in data.



APP ECOSYSTEM

Power the platform.
For internal and external use.



WORKPLACE MODERNIZATION

Infrastructure and practices.

Digitally-enabled Strategy

Objective

Align technology to strategy and vice-versa



**DIGITALLY -
ENABLED
STRATEGY**

Align Technology to strategy.
And vice-versa.

What we've put in place

- ✓ Business-Technology Roadmaps for Functions in HQ
- ✓ Supporting Country Offices with 2G CSP-Technology Alignment
- ✓ Demand Assessment Board to shape and schedule solutions pipeline

Our Ongoing Focus

- ❑ Preparing for the new Strategic Plan
- ❑ Embedding digital execution in CSPs
- ❑ Greater Field-HQ strategic and needs alignment

Digital Business Technology Committee

Senior decision-making body focusing on strategy alignment and prioritization of digital business initiatives



**DIGITALLY-
ENABLED
STRATEGY**

Align Technology to strategy.
And vice-versa.

Supported by:

Data Management

- Directs and monitors the implementation of data policies
- Drafts policies, strategies and recommendations

Partnerships

- Coordinates engagement with the technology industry
- Pursues strategic partnerships in line with WFP's digital priorities

Investments

- Guides technology investment based on strategic objectives
- Tracks benefits of digital initiatives

Data & Analytics

Objectives

Access to trusted data for everyone



DATA &
ANALYTICS

Access and trust in data.

What we've put in place



Our current focus

- Continue integrating available corporate data sources to solve tangible problems
- Empower staff to use data through data literacy and upskilling
- Explore partnership and collaboration with other to share data

WFP's Data Programme was established in 2018

Partnerships: Palantir & Tableau

Palantir Partnership: 5 Years
Pro bono valued at \$9M/year = \$45M

Tableau Partnership: Until 2023
\$1.6M worth of technology, expertise,
and training.

+ a b | e a u
F O U N D A T I O N

Since 2017

Tableau offers interactive data visualization products focused on business intelligence.

Public facing dashboards of WFP to inform business intelligence and strengthen WFP's web portal & partner-facing applications.



+ a b | e a u

Acquired by Salesforce.
Providing data innovation
expertise and solutions.



DATA &
ANALYTICS

Access and trust in data.

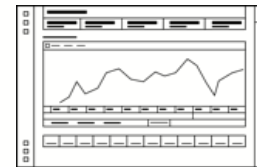
Palantir

Since January 2019

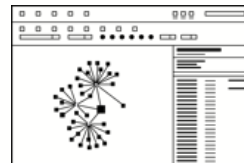
Advanced Software



Data Management



Data Analysis



Operational Applications



Data Harmonization

Global Deployments

LANXESS
Emerging Chemistry

AIRBUS



CREDIT SUISSE

MERCK



Danske Bank

Henkel

NIH
National Institutes of Health

FDA

MAERSK

FCA
FIAT CHRYSLER AUTOMOBILES

Application Ecosystem

Objective

Integrated, secure and scalable solutions across WFP and beyond



APP
ECOSYSTEM

Power the platform.
For internal and external use.

What we've put in place

- ✓ Agile and human-centred design product practices
- ✓ Modern tech stack established (Cloud, API, Open Source)
- ✓ Enabling framework to let Country Operations develop safely for differentiating needs

Ongoing Focus

- ❑ SCOPE 2.0
- ❑ Business Owned Product Management
- ❑ Scaling Building Blocks
- ❑ Strengthen the WFP developer community of practice



280 Developers
210 million API calls



APP ECOSYSTEM

Power the platform.
For internal and external use.

WFP Apps & Workflows

Workplace Modernization

Objective

Provide our colleagues with a modern, secure, scalable and productive digital workplace.



WORKPLACE
MODERNIZATION

Infrastructure and practices.

What we've put in place

- ✓ 24/7 infrastructure
 - ✓ Service Desk
 - ✓ Cloud Collaboration Suite
- ✓ Robust cyber security framework
 - ✓ Identity and Access Management
 - ✓ Threat detection
- ✓ Automated processes
 - ✓ Over 1,900 processes

Our ongoing focus

- ❑ Continue freeing up staff capacity
- ❑ Upgrade our talent management suite
- ❑ Scale Robotic Process Automation

Automation Dashboard

OVERALL REQUESTS

1.31 M



● current year ● previous year

WSS REQUESTS

471.90 K



GSMT REQUESTS

698.44 K



SAP FIORI REQUESTS

137.86 K



WORKPLACE
MODERNIZATION

Infrastructure and practices.

FORMS & SERVICES

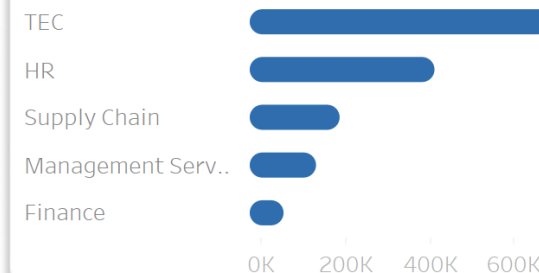


REQUESTS | AVG. LEAD TIME

Leave application HR	253.3 K	6.6 (d)
Workflow for release of purchase order	135.5 K	58.3 (min)
WINGS Access IT	52.3 K	4.6 (d)
WINGS Access Request form	43.2 K	6.6 (d)
Email Distribution List IT	39.1 K	1.4 (d)
SCOPE - Access creation or modification	21.4 K	12.1 (h)
IT Access Activation IT	19.6 K	4.4 (d)
WFP user - Account support	17.9 K	1.4 (wk)
WFP user - Separation request	17.3 K	5.0 (d)
Computer - Laptop and desktop installation and co..	15.8 K	1.2 (wk)

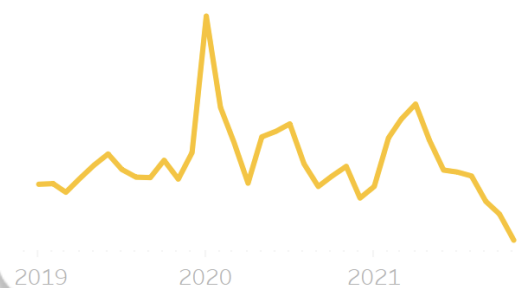


REQUESTS BY DIVISION

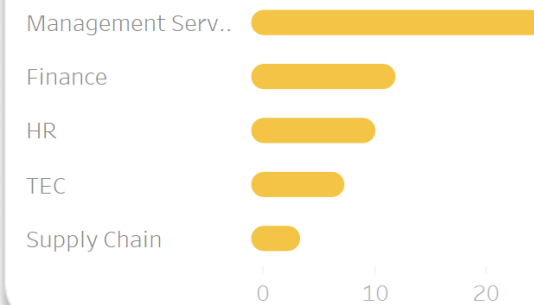


AVG. LEAD TIME

Click form on the left to filter



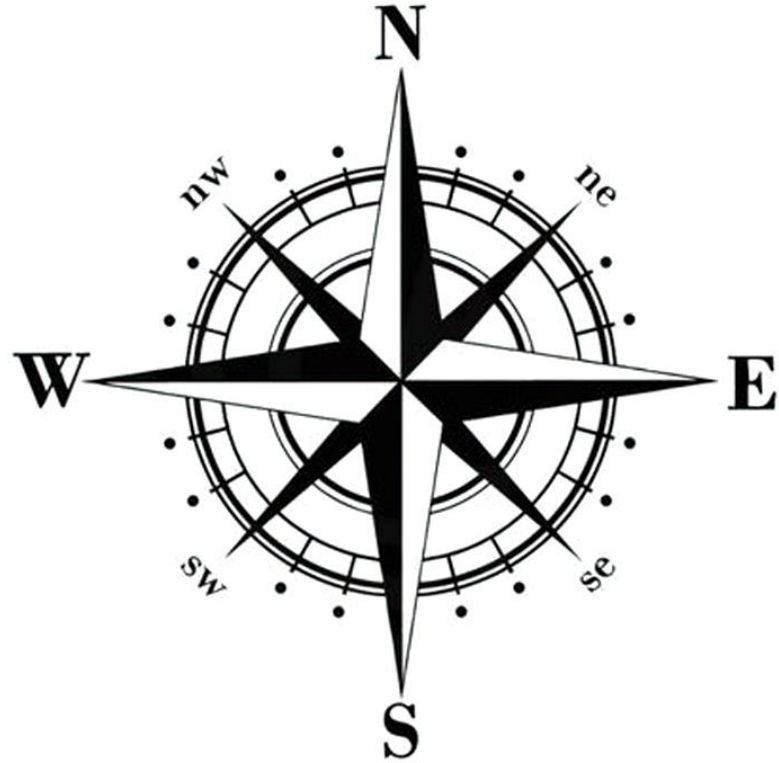
LEAD TIME BY DIVISION (DAYS)



1900 processes/forms
automated since 2017

Demo

Digital Country Operations



Operational Excellence

Transparency

Accountability

Intervention Analysis Module

Map views

Plan views

Map topline filters

Operational plan Monthly plan **Monthly actual** Achievement

Note: Below filters are used for all map views

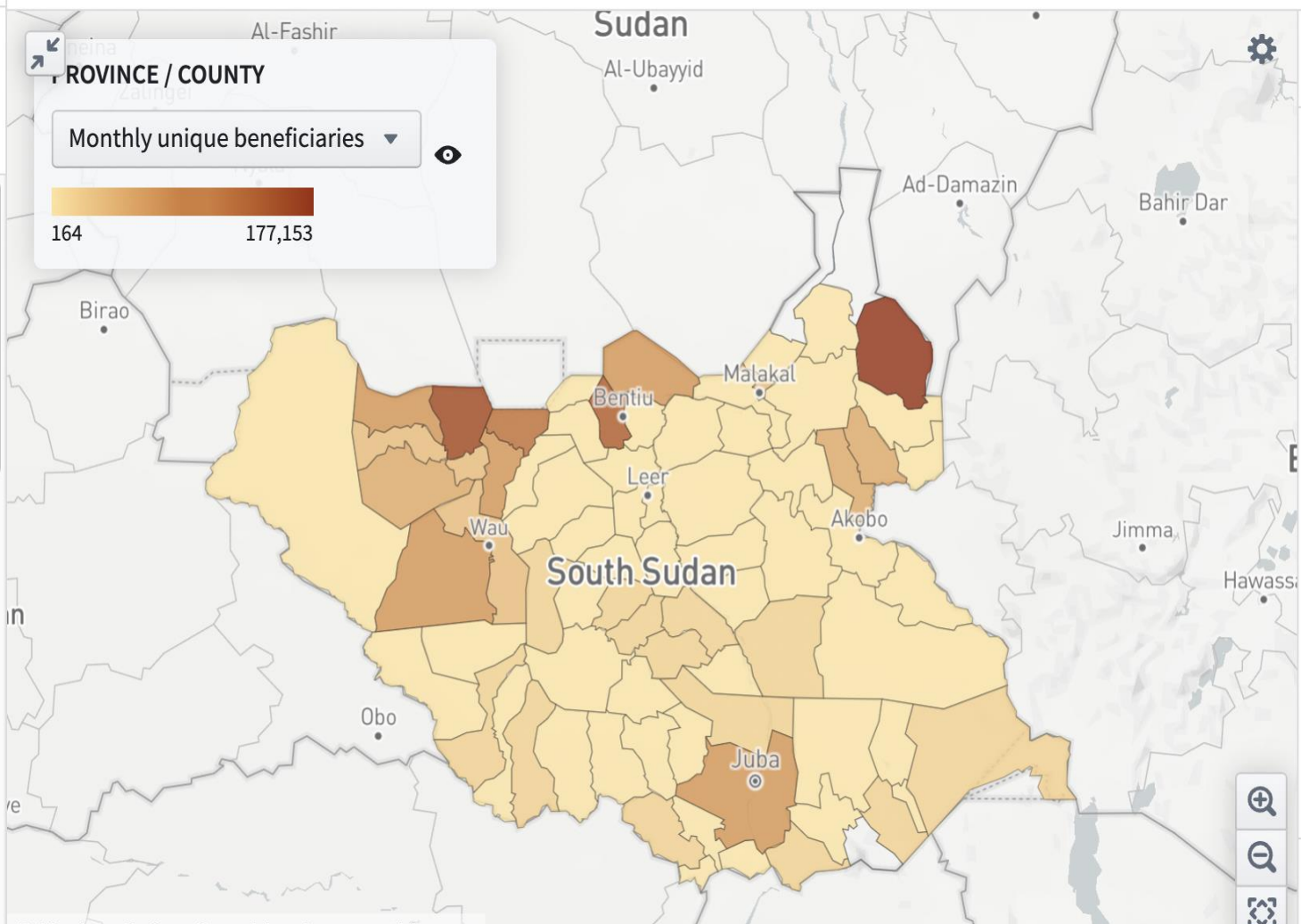
Note: The number of monthly unique beneficiaries is an estimation based on monthly plans and directionally correct when compared monthly. For data across multiple months, it overstates the number of unique beneficiaries.

SELECT THE GEOGRAPHIC LAYER FOR MAP VIEWS

Province / County

PROVINCE / COUNTY

Monthly unique beneficiaries



YEAR

- 2021 26915
- No value 21

YEAR MONTH

2021-11

FIELD OFFICE

- Aweil 4265
- Kuajok 4141
- Bor 2271
- Juba Sub Office 2075
- Torit 1897

Key statistics on selected interventions

ESTIMATE: Monthly unique beneficiaries (number)

1696453

Cumulated total beneficiaries (number)

2804424

Interventions (number)

3710

Ration goods (tons)

15,928

Cash-based transfers (USD)

\$3,677,504

Explore filtered interventions

Intervention Analysis Module

Map views

Plan views

Map topline filters

Operational plan Monthly plan **Monthly actual** Achievement

Note: Below filters are used for all map views

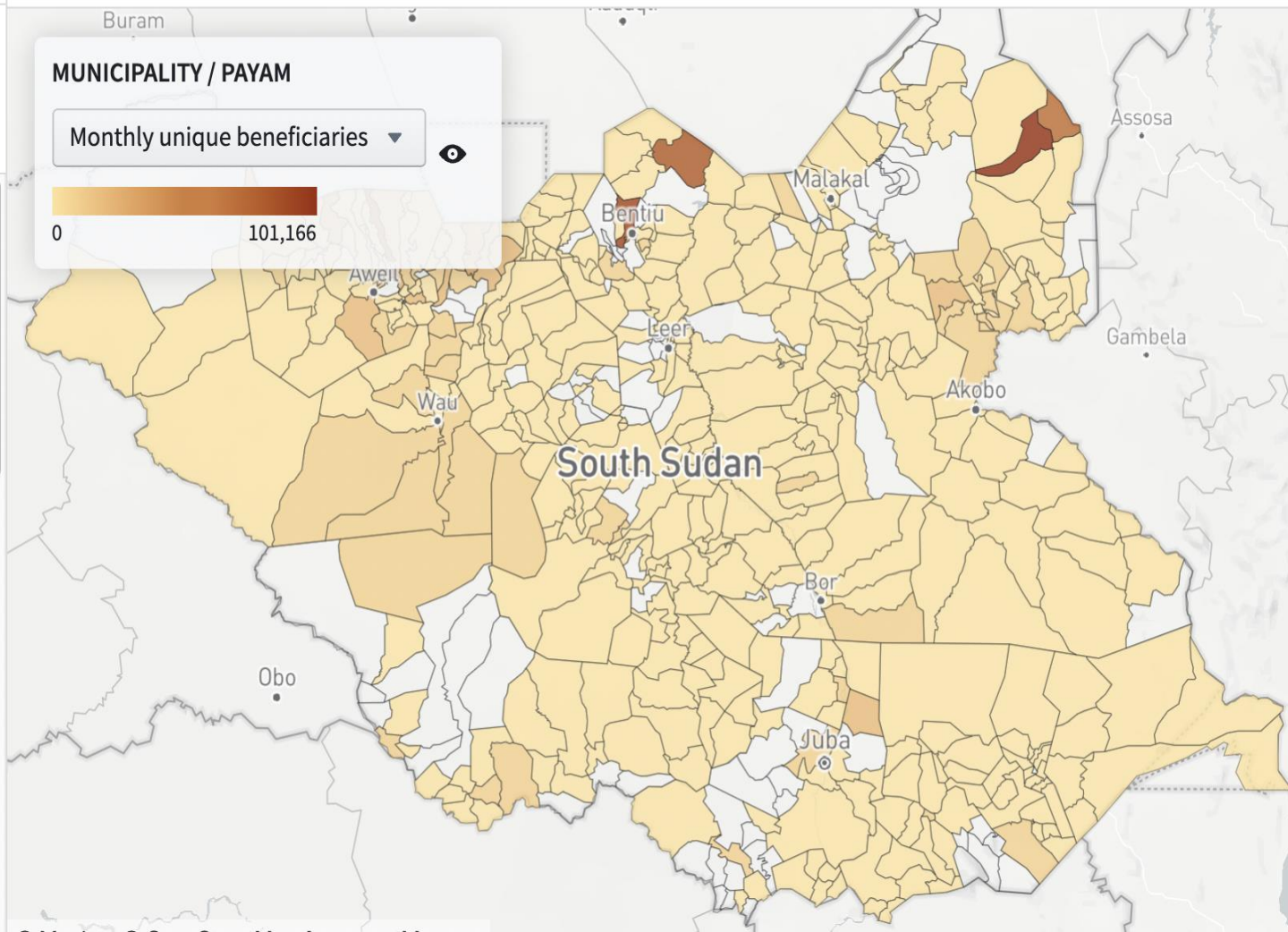
Note: The number of monthly unique beneficiaries is an estimation based on monthly plans and directionally correct when compared monthly. For data across multiple months, it overstates the number of unique beneficiaries.

SELECT THE GEOGRAPHIC LAYER FOR MAP VIEWS

Municipality / Payam

MUNICIPALITY / PAYAM

Monthly unique beneficiaries



Key statistics on selected interventions

ESTIMATE: Monthly unique beneficiaries (number)

1696453

Cumulated total beneficiaries (number)

2804424

Interventions (number)

3710

Ration goods (tons)

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[Explore filtered interventions](#)

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Show more

Intervention Analysis Module

Map views Plan views

Map topline filters

Operational plan Monthly plan Monthly actual Achievement

Note: Below filters are used for all map views

Notes: (1) This map only displays geographies that have submitted monthly plans. (2) The number of monthly unique beneficiaries is an estimation based on monthly plans and directionally correct when compared monthly. For data across multiple months, it overstates the number of unique beneficiaries.

SELECT THE GEOGRAPHIC LAYER FOR MAP VIEWS

Municipality / Payam

FIELD OFFICE

- Aweil 2001
- Kuajok 1926
- Juba Sub Office 872
- Torit 706
- Rumbek 674

Show more

COOPERATING PARTNER

- World Vision Sout... 2750
- Plan International 1666
- WELTHUNGERHILFE 1153
- JAM - Joint Aid Man... 948
- PEACE CORPS ORG... 385

Show more

COUNTRY STRATEGIC PLAN ACTIVITY

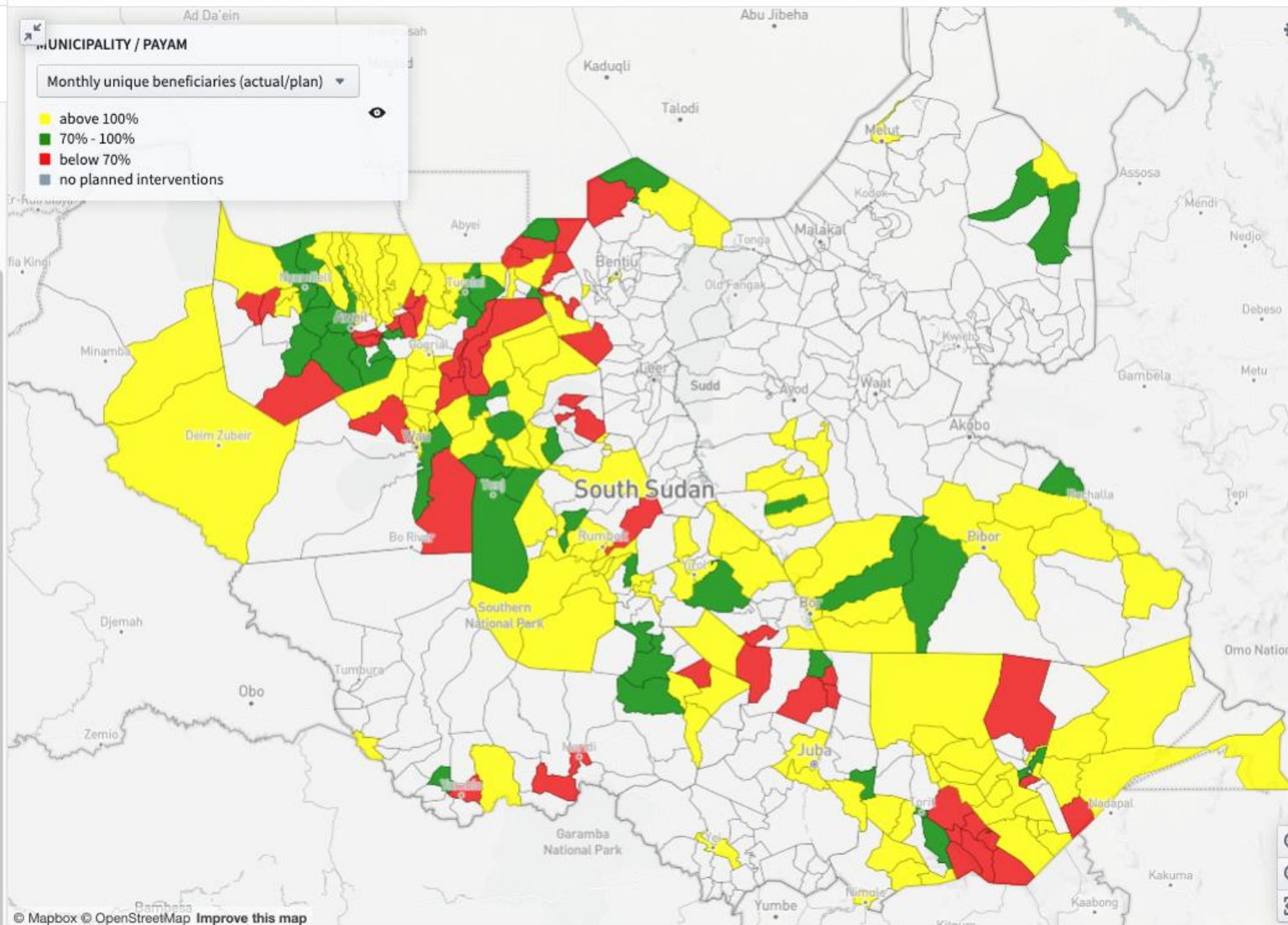
- ACT1 9287
- ACT2 20

SUBACTIVITY

- SF 9307
- TSFP 8959
- IFP 2911
- FFA 2367
- BSFP 665

Show more

Add filter



© Mapbox © OpenStreetMap Improve this map

Key statistics on selected geographies

ESTIMATE: MONTHLY UNIQUE BENEFICIARIES (NU...

Planned	Actual
334182	321503

CUMULATED TOTAL BENEFICIARIES (NUMBER)

Planned	Actual
446343	428859

INTERVENTIONS (NUMBER)

Planned	Actual
1031	926

RATION GOODS (TONS)

Planned	Actual
1505.91551	1303.00115

CASH-BASED TRANSFER (USD)

Planned	Actual
\$0	\$0

Open filtered interventions (planned)

Open filtered interventions (actual)

List of selected interventions

Map topline filters

Operational plan Monthly plan Monthly actual Achievement

Note: Below filters are used for all map views

Notes: (1) This map only displays geographies that have submitted monthly plans. (2) The number of monthly unique beneficiaries is an estimation based on monthly plans and directionally correct when compared monthly. For data across multiple months, it overstates the number of unique beneficiaries.

SELECT THE GEOGRAPHIC LAYER FOR MAP VIEWS

Municipality / Payam

MUNICIPALITY / PAYAM

Monthly unique beneficiaries (actual/plan)

- above 100%
- 70% - 100%
- below 70%
- no planned interventions

FIELD OFFICE

Aweil 363

COOPERATING PARTNER

- World Vision Sout... 2750
- Plan International 1666
- WELTHUNGERHILFE 1153
- JAM - Joint Aid Man... 948
- PEACE CORPS ORG... 385
- CONCERN WORLD ... 363
- ABYEI COMMUNITY ... 329
- ARK FOR HUMANITY 303
- Catholic relief Servi... 264
- COMMUNITY DEVEL... 238

Show more / Show fewer

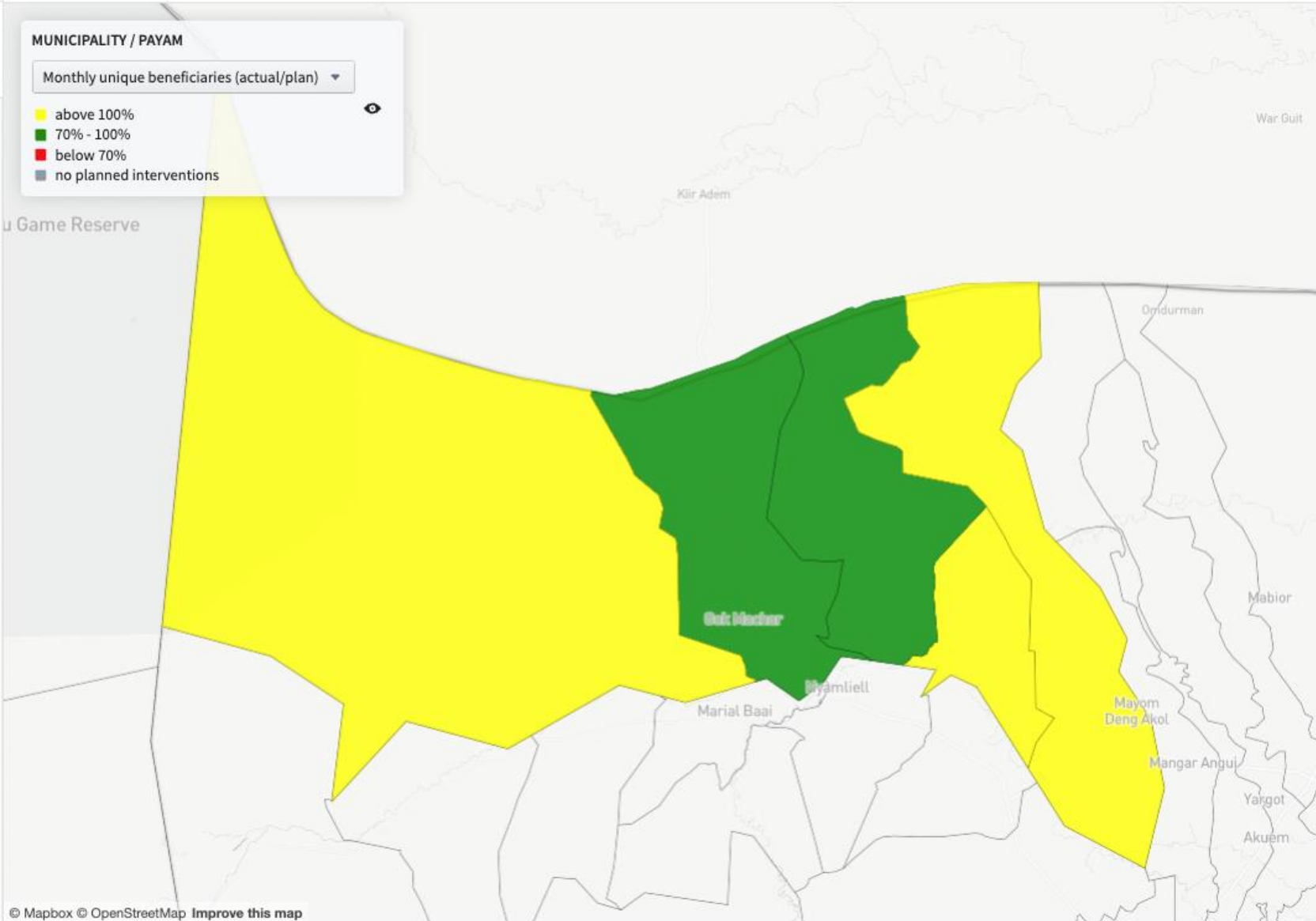
COUNTRY STRATEGIC PLAN ACTIVITY

ACT1 363

SUBACTIVITY

- TSFP 540
- SF 363
- FFA 81
- IFP 22
- GFD 10

Show more



© Mapbox © OpenStreetMap Improve this map

Key statistics on selected geographies

ESTIMATE: MONTHLY UNIQUE BENEFICIARIES (NU...)

Planned	Actual
14185	15353

CUMULATED TOTAL BENEFICIARIES (NUMBER)

Planned	Actual
18914	20471

INTERVENTIONS (NUMBER)

Planned	Actual
43	40

RATION GOODS (TONS)

Planned	Actual
80.272232	83.4904

CASH-BASED TRANSFER (USD)

Planned	Actual
\$0	\$0

Open filtered interventions (planned)

Open filtered interventions (actual)

Add filter

List of selected interventions

Intervention Analysis Module

Map views Plan views

Map topline filters

Operational plan Monthly plan Monthly actual Achievement

Note: Below filters are used for all map views

Notes: (1) This map only displays geographies that have submitted monthly plans. (2) The number of monthly unique beneficiaries is an estimation based on monthly plans and directionally correct when compared monthly. For data across multiple months, it overstates the number of unique beneficiaries.

SELECT THE GEOGRAPHIC LAYER FOR MAP VIEWS

Municipality / Payam

FIELD OFFICE

Aweil 363

COOPERATING PARTNER

- World Vision Sout... 2750
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COMMUNITY DEVEL... 238

COUNTRY STRATEGIC PLAN ACTIVITY

ACT1 363

SUBACTIVITY

- TSFP 540
SF 363
FFA 81
IFP 22
GFD 10

Show more

Add filter

MUNICIPALITY / PAYAM

Monthly unique beneficiaries (actual/planned)

- above 100%
70% - 100%
below 70%
no planned interventions

Mapbox OpenStreetMap Improve this map

List of selected interventions

Interventions (12)

- 202111 Aweil 900897 1009950 23560 Ajak Wol Primary School 0050046162 1SF1 No RES NULL 413
202111 Aweil 900897 1009950 23560 Majak Kaar Primary School 0050046162 1SF1 No RES NULL 331
202111 Aweil 900897 1009950 23560 Marol Deng Geng Pri School 0050046162 1SF1 No RES NULL 849
202111 Aweil 900897 1009950 23560 Matuich Primary School 0050046162 1SF1 No RES NULL 827
202111 Aweil 900897 1009950 23560 Pamat Primary School 0050046162 1SF1 No RES NULL 983
202111 Aweil 900897 1009950 23560 Langic ECS Primary School 0050046162 1SF1 No RES NULL 313
2021-11 Aweil Northern Bahr el Ghazal Aweil North Malual Centre Ajak Wol Primary School CONCERN

Open selected interventions (planned or actual only)

Intervention view

202111 Aweil 900897 1009950 23560 Ajak Wol Primary School 0050046162 1SF1 No RES N... Experimental

[SSCO] Monthly Planned Distribution Intervention

17 Feeding Days

413 Number of beneficiaries

Aweil North County Name

Aweil Field Office

Malual Centre Payam Name

Ajak Wol Primary School Location Final Delivery Point

Key statistics on selected geographies

ESTIMATE: MONTHLY UNIQUE BENEFICIARIES (NU...

Planned Actual

CUMULATED TOTAL BENEFICIARIES (NUMBER)

Planned Actual

INTERVENTIONS (NUMBER)

Planned Actual

RATION GOODS (TONS)

Planned Actual


CASH-BASED TRANSFER (USD)

Planned Actual


Open filtered interventions (planned)

Open filtered interventions (actual)


Region 4 results




Western Africa
Region



Southern Africa
Region









Eastern Africa
Region



Asia and the Pacific
Region

Country 11 results

 Afghanistan Country Regional Bureau Name Bangkok RB	 Burundi Country Regional Bureau Name Nairobi RB	 Niger Country Regional Bureau Name Dakar RB
 Pakistan Country Regional Bureau Name Bangkok RB	 South Sudan Country Regional Bureau Name Nairobi RB	 Kenya Country Regional Bureau Name Nairobi RB

Requirements

Aggregated values from ongoing partnerships.

Total MT
63,867.28

Total CBT
13,813,058.74

Partnerships per Country Type and hit Enter... ? ▾

EVENTS TIMELINE GRAPH from 2212 days ago → ▾





Welcome to School Connect

Please login using the button below.

[Use online login !\[\]\(666e09182d4cd268646ea700ea60dcdf_img.jpg\)](#)



Current school year (January 2022 to June 2022) ▾

School year (July 2021 to December 2021) ▾

School year (September 2020 to July 2021) ▾

Monday, 17.01.22

Attendance

[Delete attendance >](#)
[Edit attendance >](#)

	Morning		Afternoon		Total
	Boys	Girls	Boys	Girls	
Pre-Primary (<2 years)	10	12	0	0	22
Pre-Primary (2-3 years)	8	10	0	0	18
Pre-Primary (3-4 years)	15	9	0	0	24
Grade 1	9	9	0	0	18
Staff Total	0	0	0	0	0
Pre-Primary total	33	31	0	0	64
Primary total	9	9	0	0	18
Students Total	42	40	0	0	82
Total	42	40	0	0	82

Meals

[Delete consumption >](#)
[Edit meals >](#)

Commodity	Source	Quantity
Maize (WFP)		2.000 kg
Beans (WFP)		2.000 kg

PROGRAMME

BENEFICIARIES

ENROLMENT

ATTENDANCE

MEAL DAYS

CONSUMPTION

COMMODITY MOVEMENT

DATA QUALITY

MONTHLY REPORT CHECK

MONTHLY COMPARISON

SCHOOLS TO BE CHECKED

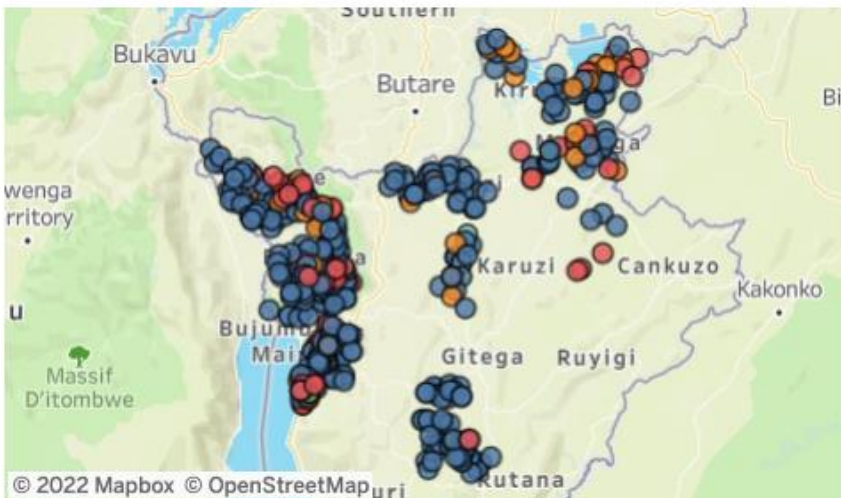
SYNC STATUS

Country Code: BI | Admin Level 1: (All) | Admin Level 2: (All) | Admin Level 3: (All) | Admin Level 4: (All)

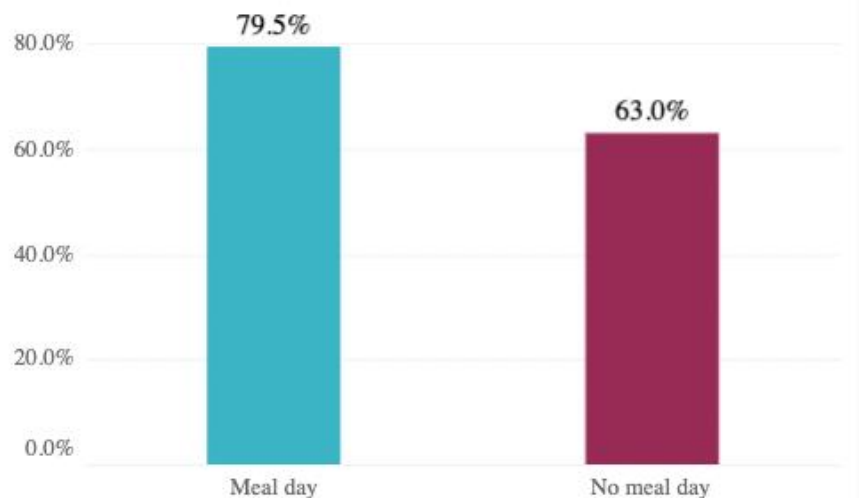
School Name: (All) | School Type: (Multiple values) | Month: (All)



Attendance per school site

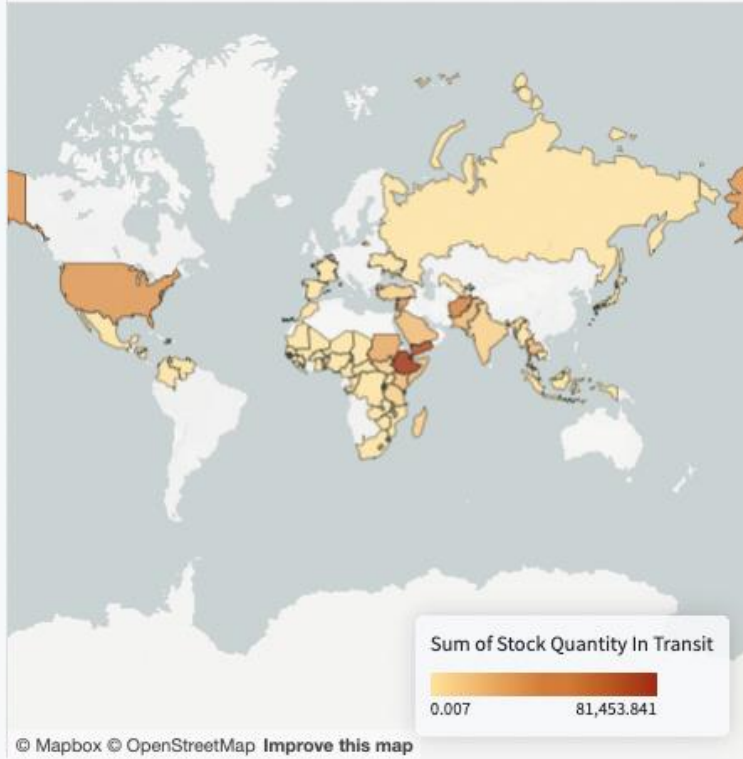


% Attendance on meal days vs no meal days



Issuing Plant Country Code

Display as **Sum** of **Stock Quantity In Transit**



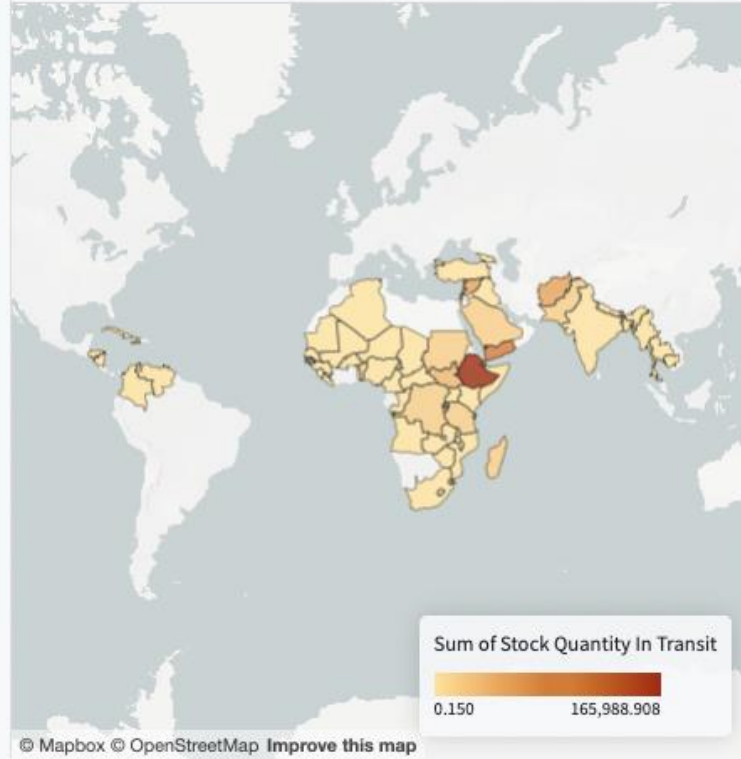
Stock Quantity In Transit

Displaying: **Sum**

561,611.219

Receiving Plant Country Code

Display as **Sum** of **Stock Quantity In Transit**



Commodity

Display as **Sum** of **Stock Quantity In Transit**

Wheat	132,651.203	<div style="width: 100%;"></div>
Wheat - Flour Fortified	108,241.323	<div style="width: 100%;"></div>
Sorghum/Millet	55,278.122	<div style="width: 100%;"></div>
Split Peas - Yellow	32,256.615	<div style="width: 100%;"></div>
Vegetable Oil - Sunflower	27,441.923	<div style="width: 100%;"></div>

Show more

Results 53,016

Sort by

- 3.000 MT of Split Peas - Yello...
- 3.300 MT of Split Peas - Yello...
- 1.800 MT of Split Peas - Yello...
- 4.500 MT of Split Peas - Yello...
- 8.281 MT of Sorghum/millet ...
- 13.509 MT of Split Peas - Yell...
- 28.000 MT of Sorghum/mille...

[View all results](#)

Linked objects

Filter...

- WFP
- Transporter
- Batch
- GCMF Stock by Location



Batch Primary Details

Best Before Date	24 Aug 2022
Reference Document Type	Commodity Purchase Order
Food Purchase Order	4500079617
Reference Document	4500079617_20
Batch Creation Date	29 Nov 2021
Supplier Batch	W/F-PM-USA-URT1

Shelf Life Details

Shelf Life Status	Will Expire Within > 180 days
Shelf Life (Day)	212
Date Of Manufacture	24 Nov 2021
Best Before Date	24 Aug 2022

Project/Activity Details

WBS Description	01 Unconditional assistance
-----------------	-----------------------------

Suppliers and Service Providers

Food Supplier:

> [Redacted]

Documents Flow

Food Purchase Order:

> **FPO Number: 4500079617 Created by: ZADRAN**

Food Purchase Order Item:

> **FPO Number: 4500079617 Item: 20 - Wheat - Flour Fortified**

Grant Details

USA 10041022
Grant

Donor Name	Donor Code
USA USAID/FFP	9990000



What you saw was the tip of the iceberg, today, every country can within a few clicks access:

**Food suppliers
Cooperating partners
Stock level
Warehouse information
Transporters
Food quality incident
Financial service providers
Grants and donors
Budget allocation
Retailers
Fleet data
Security incidents
CSP activities
FLA information
and more**

Discussion

Our Journey ahead: Opportunities and challenges

Where are we on this journey?

We have only begun our transformation.

Foundational

Systemic

Adaptive at scale



- ✓ Digital planning and governance processes are established.
- ✓ Modern technology is deployed.
- ✓ Data management programme in place.

- ✓ Cross-functional use cases are prioritized.
- Digital and data literacy are foundations for all staff
- Field and HQ are well aligned around digital priorities.
- WFP has a clearer strategic direction with digital.

- Beneficiary-centric programming that responds to various contexts
- Platform services that help partners to achieve their mandates
- Emerging opportunities are evaluated and scaled rapidly
- Data is informing the majority of tactical and strategic decisions,

Reflections

Opportunities

- Evolving our **beneficiary centric architecture** (SCOPE 2.0 & Activity ecosystem).
- Mainstream **Digital Operations Management** for large Country Offices.
- **Building Blocks** is scaled across programmes and agencies.
- Strengthen our **government digital advisory** offering.
- Democratize **digital & data skills** across the entire organization.

Challenges

- **Cross functional** and user-centric planning and execution.
- Alignment of **policy/normative/ethical frameworks**.
- Shifting workforce & the competitive market for **digital talent**.
- **Sustainable funding** for long-term change

Embedding Technology as an Enabler

IMPACT

SDGs: long term impact of WFP's work



UNSDCF & HRP

UNSDCF & HRP (alignment to these is recorded in CSP systems but not directly reported on with CRF indicators)

Strategic Outcomes

Measures aggregable system, institutional changes at scale and/or behavior, practices and beliefs



Outputs

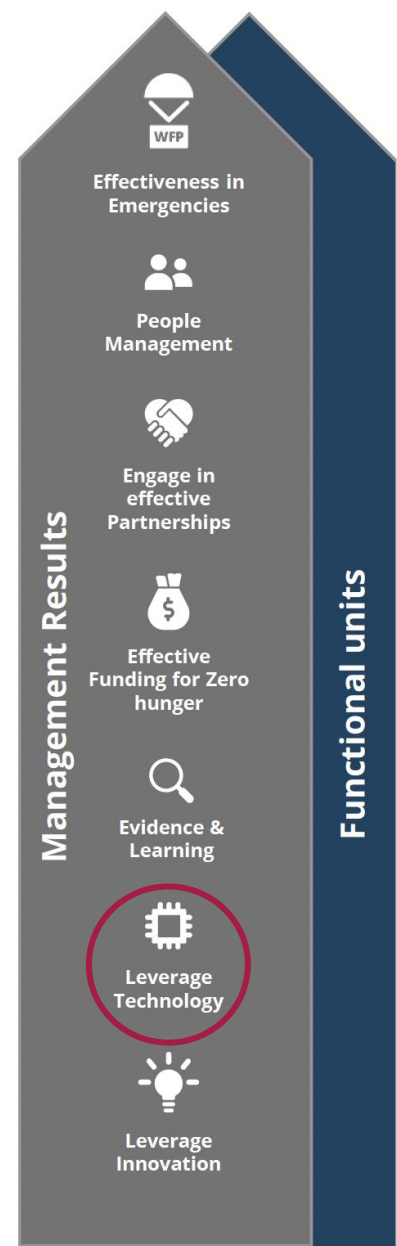
Outputs

WFP Activities

Activities are not a result layer

CSP Activities

Cross-cutting priorities



Thank you