

What's in a name?

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USAID
FROM THE AMERICAN PEOPLE



GENERAL MEMBERSHIP MEETING
of the
**REPRODUCTIVE HEALTH
SUPPLIES COALITION**

10-14 OCTOBER 2016

#RHSUPPLIES2016



Reproductive Health
SUPPLIES COALITION

Presentation Outline

Part 1: Data standardization case studies

Part 2: Solution proposals

Part 3: Discussion

Part 1:

Data standardization case studies

What is this?



- Product Long Name
- Product Short Name
- Product Supplier
- Shelf Life

UNFPA Procurement Services

English Français Español Hayley Traeger

About Us Products Tools Order RHInterchange Capacity Building News My Account

SELECT REPORT

Summary of Shipments

Select Geographic Area: Global

View Data

Review RHInterchange Data
Global and national contraceptive order information

Access up-to-date data on more than US \$1.6 billion worth of contraceptive orders and shipments for more than 140 countries.

How can the RHInterchange help you?

- Which contraceptives were shipped where?
- When does the next shipment arrive?
- What value of contraceptives was sent?
- Who is funding contraceptives?
- What quantity of contraceptives was sent?

What is the RHInterchange?

The Reproductive Health Interchange (RHI) provides access to harmonized data on contraceptive orders and shipments for over 140 countries. The data currently reflects over 80% of contraceptive supplies provided by donors over the last several years, worth more than \$2.3 billion.

Select a report from the menu on the left to view past and upcoming contraceptive shipments. Use the data and reports for pipeline monitoring, commodity management, analysis and planning. To learn more about the RHI, download the [RHI factsheet](#).

Coordinated Assistance for Reproductive Health Supplies (CARhs)

Coordinated Supply Planning (CSP)

Reproductive Health SUPPLIES COALITION

Procurement Planning and Monitoring Reports

Home Contact Us Resources

USAID DELIVER PROJECT

The Procurement Planning and Monitoring Report (PPMR)
Reducing Contraceptive Stockouts through Increased Data Visibility and Global Coordination

Use the past issues, the Procurement Planning and Monitoring Report (PPMR), and the Coordinated Assistance for Reproductive Health Supplies (CARhs) group to learn more or contact us for more information. For more information, please contact us at [info@rhsc.org](#) or [info@unfpa.org](#).

What is the PPMR?

The Procurement Planning and Monitoring Report (PPMR) describes stock status of contraceptive products on a country by the USAID Global Health Supply Chain Program-Procurement and Supply Management for the [Coordinated Assistance group](#) at the [Reproductive Health Supplies Coalition \(RHSC\)](#). Data are provided by Ministries of Health, or partners such (MSH), the USAID Global Health Supply Chain Program-Procurement and Supply Management social market Services International (PSI), DKT, Marie Stopes International (MSI), and UNFPA. As of June 2015, 34 countries report.

[Link](#) to access data from the PPMR. If you are a first-time user, please [register](#).

What is CARhs?

The Coordinated Assistance for Reproductive health supplies (CARhs) group brings together representatives of the worst short-term supply crises that periodically befall countries. At its monthly meetings, the group identifies pending supply possible, applies them. Core member organizations of the CARhs include the United Nations Population Fund (UNFPA)

Reproductive Health Interchange (RHI)

Procurement Planning and Monitoring Report (PPMR)



of Products

RHI = 1,744

PPMR = 70

Levonorgestrel,

2 rod Implant

RHI = 50+ names

PPMR = 2 names

Male Condoms

RHI = 844 Products

PPMR = 13 Products

Progestin-Only Oral Contraceptive	Exluton
	Hyan
	Microlut
	Ovrette
	Progestin-Only Pills
	Secure Pill/POP



Combined Oral Contraceptive	All Combined Oral Pills
	Combination 3
	Confiance
	Control Pill/COC
	Duofem
	Lo-Femenal
	Low-Dose Oral Pills
	Marvelon
	Microgynon
	Micronor
	Microval
	Oralcon-F
	Rigevidon
	Roselle
	Sukhi
Zinnia	

Essential Medicines Lists

Family Planning

1. Medical eligibility criteria for contraceptive use. 3rd ed. Geneva: World Health Organization; 2004.

<http://www.who.int/essentialmedicine/publications/fmc/index.htm>

Oral hormonal

18.3 Contraceptives

ethinylestra
levonorgest

18.3.1 Oral Hormonal Contraceptives

Ethinylestradiol + Levonorgestrel

tablet, 30 mcg +150 mcg

levonorgest

Ethinylestradiol + Norethisterone

tablet, 35 mcg + 1.0 mg

ethinylestra
norethistero

Levonorgestrel

tablet, 750 mcg (pack of

Injectable hormonal

18.3.2 Injectable

medroxypro
acetate

Medroxypro

norethistero
enanthate

18.3.3 Intrauterine

Copper-co

IUD

copper IUD

18.3.4 Barrier Method

Barrier method

condoms

18.3.5 Implantation

diaphragms

Levonorge

18.3.6 Miscellaneous

Ring pessary

Topical Contraceptives

114 Condoms (Latex Male)

114 Condoms (Female)

173 Intrauterine Contraceptive Device 260mg Cu

Various Other Gynecologicals

021 Hexoprenaline 2.5mcg/ml Injection (10ml)

Hormonal Contraceptives, systemic

051 Levonorgestrel + Ethinylestradiol 150mcg + 30mcg Tablets

051 Levonorgestrel + Ethinylestradiol triphasic Tablets

021 Medroxyprogesterone Acetate 150mg Injection

051 Norethisterone 0.35mg Tablets

021 Norethisterone Enanthate 200mg/ml Injection

051 Norgesterel + Ethinylestradiol 500mcg + 50mcg Tablets

Shipment Date	Funding Source	Product	Quantity
29-Jan-2015	UNFPA	Condoms; female 2.	34,000
01-Feb-2015	USAID	Microgynon	483,120
19-Feb-2015	UNFPA	Levonorgestrel, 1.5 mg tablet.	240
06-Mar-2015	USAID	Jadelle, disposable trocar	10,000
06-Mar-2015	USAID	Microgynon	74,880
11-Mar-2015	USAID	Depo Provera, DMPA	202,400
11-Mar-2015	USAID	IUD Copper T Preloaded TCu380A	20,100
23-Mar-2015	UNFPA	Microgynon 30. Levonorgestrel 0.15mg+Ethinyl Estr (...)	200,880
23-Mar-2015	UNFPA	Levonorgestrel 0.03 mg/tabl.(35 tabl.). The inact (...)	80,400
10-Apr-2015	UNFPA	Condoms, male, according to UNFPA/WHO standard 20 (...)	10,080,000
07-May-2015	UNFPA	Medroxyprogesterone acetate 150mg/ml vial. Exclud (...)	70,000
07-May-2015	UNFPA	IUD T380 - Polymer film pouch.	80,000
13-May-2015	UNFPA	Microgynon 30. Levonorgestrel 0.15mg+Ethinyl Estr (...)	159,120
13-May-2015	UNFPA	Microlut 35. Levonorgestrel 0.03 mg/tabl.(35 tabl (...)	35,280
28-May-2015	USAID	Jadelle, disposable trocar	10,000
28-Aug-2015	UNFPA	Jadelle. Subdermal implant/ gestagene. Levonorges (...)	45,000

The goal of CSP is to use data to improve allocation of commodities and foresee potential stock imbalances and address them before they become emergency issues.

CSP - who we are and what we are doing

Sharing information to reduce global supply risk for FP products

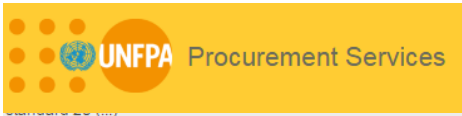
- Small group formed in 2012 in recognition of need for better coordination between UNFPA and USAID
- Built on experience of CARhs and lessons learned about value of cross-organizational collaboration
- Membership – UNFPA (PSB & CSB), USAID, Clinton Health Access Initiative (CHAI), John Snow, Inc. (JSI), GHSC-PSM, Reproductive Health Supplies Coalition
- Desired Results: Fewer stockouts and excess inventory within recipient country supply chains, improved forecasting and communication about supply and demand, thus reducing risk for all parties



Primary Data Sources for Decision Making

SHIPMENT DATA

1 Reproductive Health Interchange



Levonorgestrel 0.75mg	120,000
Implanon NXT Placebo	4,992
Implanon NXT (new generation of Implanon). Subder (...)	50,000 \$
Combination 3	4,000,000 \$1
Condoms, male, according to UNFPA/WHO	

2 USAID shipment report



Injectable 1000229	Medroxyprogesterone acetate 150mg/Depo-Provera	Pfizer - Bel	Multi	Piece
Oral Contraceptive 1000336	Levonorgestrel/Ethinylloestradiol 0.15/0.03mg	ferrous Bayer Sch	Multi	Land Cycle
Contraceptive 100824	Levonorgestrel 75mg (Jadelle) Implant, disposable	Bayer Oy - Multi	Land	Set
Intrauterine 100030	Intra Uterine Device, Copper T Model Tcu380A	Or Injeflex Ind	Multi	Piece
Contraceptive 100814	Etonogestrel 68mg (Implanon) Implant, 1 rod	MSD OSS/English	Set	
Contraceptive 100814	Etonogestrel 68mg (Implanon) Implant, 1 rod	MSD OSS/English	Set	
Male Contraceptive 100008	Condom, Male, 53mm lubricated (No Logo) latex	Thai Nippo	No Label	Piece
Contraceptive 100824	Levonorgestrel 75mg (Jadelle) Implant, disposable	Bayer Oy - Multi	Land	Set
Oral Contraceptive 100818	Levonorgestrel 0.03mg, monophasic Progesteron	Bayer Pha	Multi	Land Cycle
Oral Contraceptive 100336	Levonorgestrel/Ethinylloestradiol 0.15/0.03mg	ferrous Bayer Pha	Multi	Land Cycle
Standard 100153	CycleBeads, Standard Days Method, color coded	Cycle Ted	Multi	Piece
Male Contraceptive 100008	Condom, Male, 53mm lubricated (No Logo) latex	Qingdao f	No Label	Piece
Oral Contraceptive 101148	Levonorgestrel 1.5 mg (Norlevol) tablet, each	HRA Phar	English at	EA
Male Contraceptive 100010	Condom, Male, 53mm lubricated (Blue/Gold) latex	Karex Ind	No Label	Piece
Male Contraceptive 101194	Condom, Male, 53mm lubricated (Chishango Vani) Thai Nippo	No Label	Piece	
Male Contraceptive 100008	Condom, Male, 53mm lubricated (No Logo) latex	Karex Ind	No Label	Piece
Male Contraceptive 100008	Condom, Male, 53mm lubricated (No Logo) latex	Unidus C	No Label	Piece
Injectable 1000229	Medroxyprogesterone acetate 150mg/Depo-Provera	Pfizer - Bel	Multi	Piece
Injectable 1000229	Medroxyprogesterone acetate 150mg/Depo-Provera	Pfizer - Bel	Multi	Piece
Injectable 1000229	Medroxyprogesterone acetate 150mg/Depo-Provera	Pfizer - Bel	Multi	Piece
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INVENTORY DATA

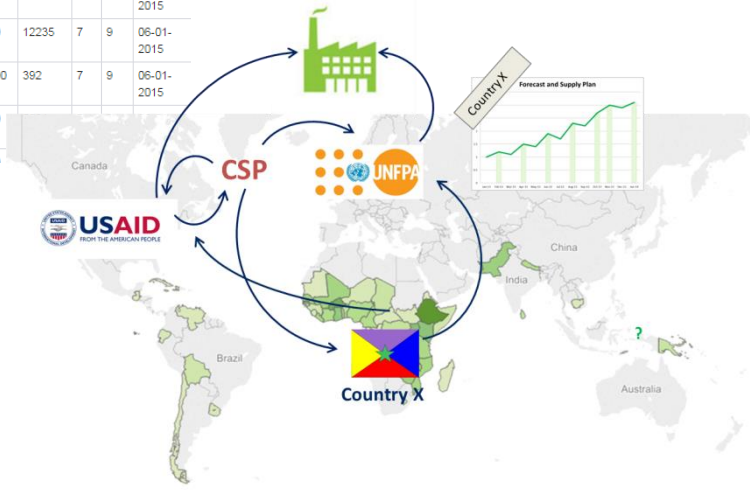
Procurement Planning and Monitoring Reports



Product	Month	Year	No New Data	Actual Stock	MOS	AMC	Min	Max	Date Stock Reported
CT380A IUD	Jan	2015		1087	4.00	306	7	9	06-01-2015
DMPA	Jan	2015		19539	5.00	3620	7	9	06-01-2015
Female Condom	Jan	2015		675	0.39	1733	7	9	06-01-2015
	Jan	2015		0	0.00	0	0	0	06-01-2015
	Jan	2015		1754	4.00	427	7	9	06-01-2015
ogo	Jan	2015		1076544	9.00	122262	7	9	06-01-2015
Microgynon	Jan	2015		495357	41.00	12235	7	9	06-01-2015
Microlut	Jan	2015		87530	223.00	392	7	9	06-01-2015
Noristerat	Jan	2015		223769	40.00				
Norlevol	Jan	2015		3886	20.00				

OTHER

- Quantification Reports
- Pipeline Databases
- Country Input
- Funding discussions
- Requested orders



3 Implants shipment files provided by Bayer and Merck through IAP

ENORMOUS *Stories*

EXCEL NIGHTMARES

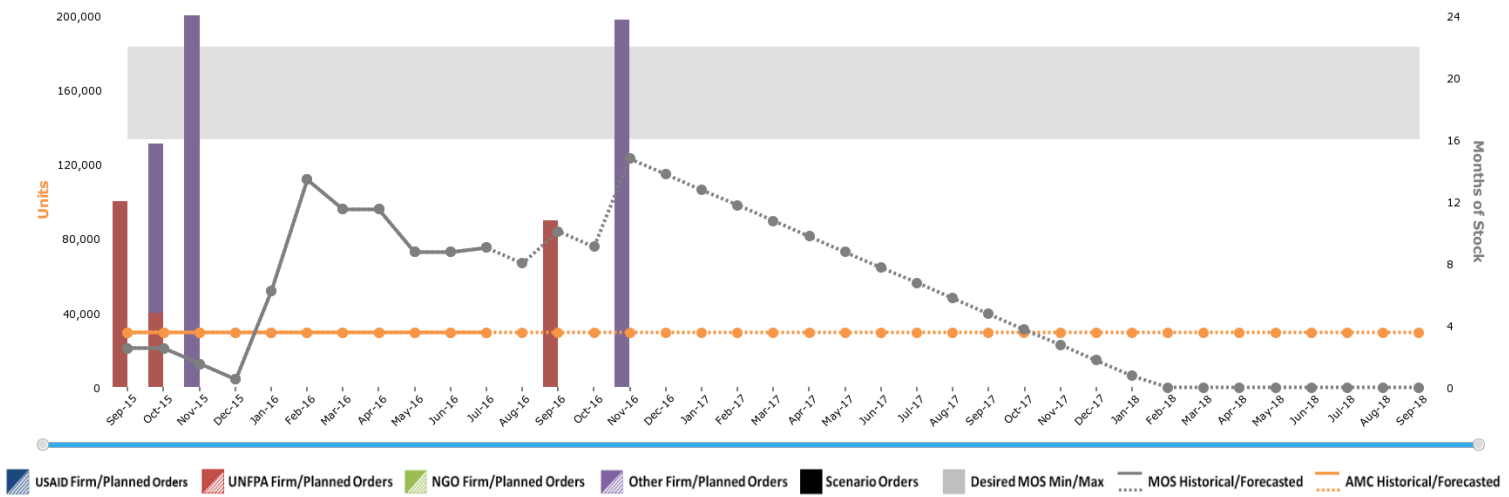
*Welcome to the
world of EXCEL
SPREADSHEETS*

The smallest mistake LEADS TO DISASTER!

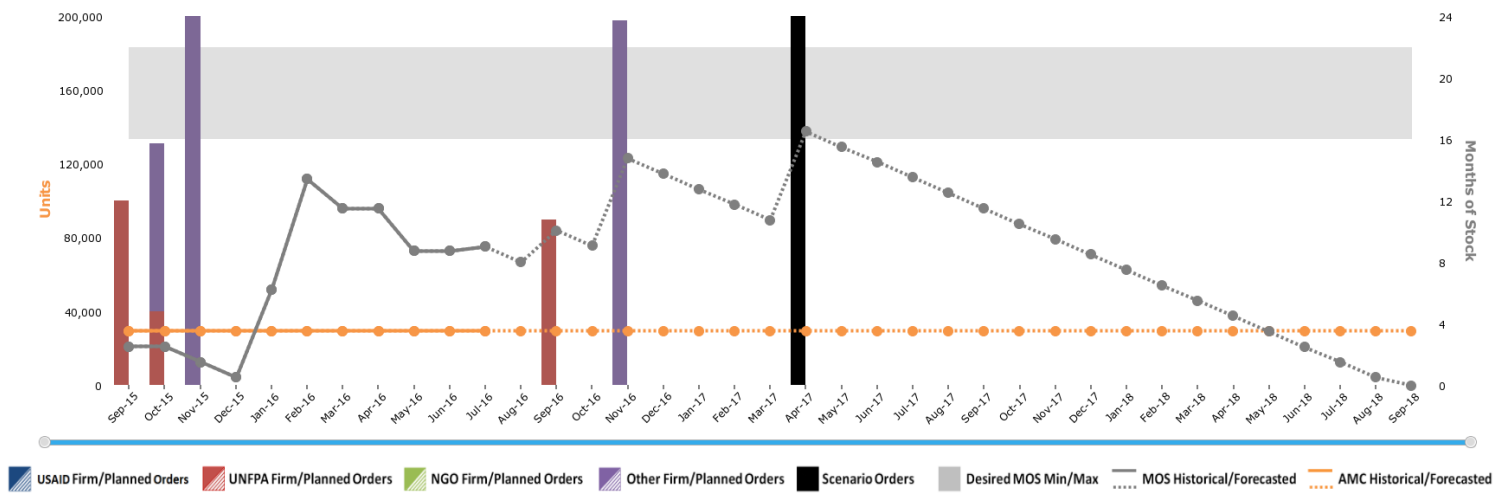
CREATED WITH **PULP-O-MIZER** COVER MAKER

Developing tools and processes to support collaboration and information sharing

Today is 22-Sep-16 | PPMR Last Refreshed 28-Aug-16 | RHI Last Refreshed 22-Sep-16 | Bayer Last Refreshed 31-Aug-16 | Merck Last Refreshed 31-Aug-16 | USAID Procurement Last Refreshed 22-Sep-16

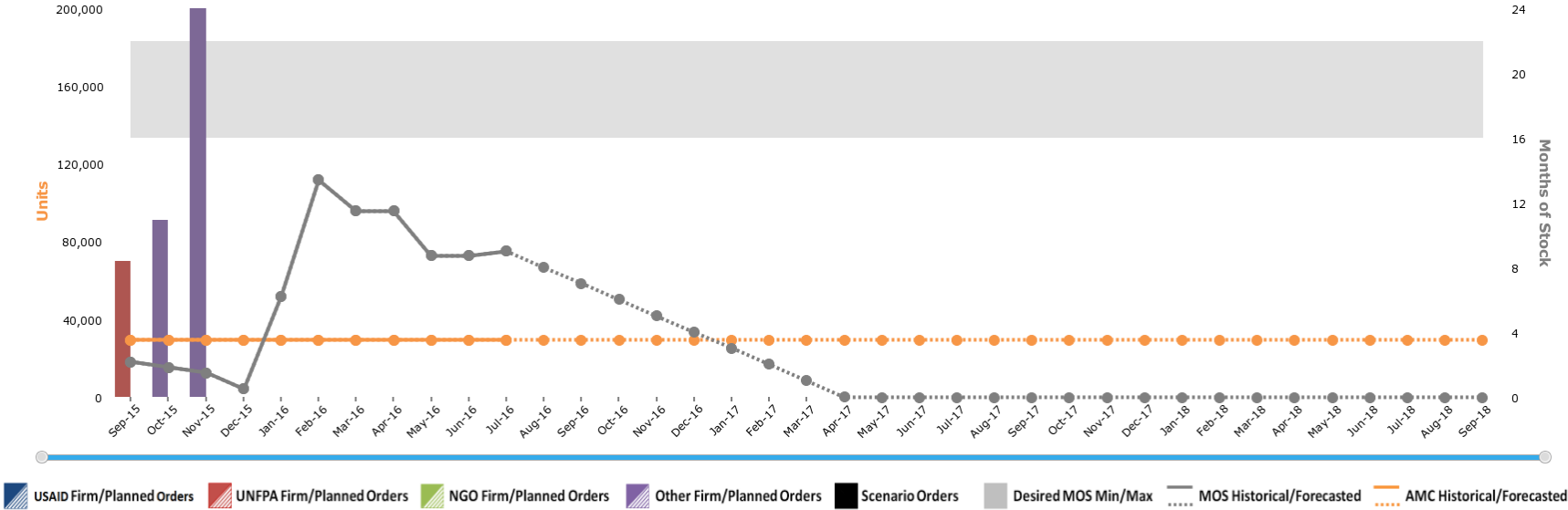


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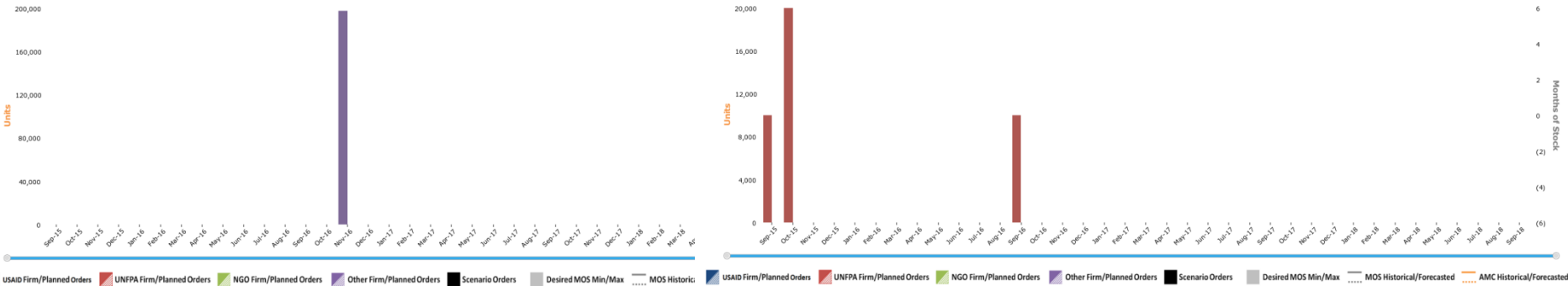
Good decision-making requires high quality data that is mapped and harmonized correctly

Today is 22-Sep-16 | PPMR Last Refreshed 28-Aug-16 | RHI Last Refreshed 22-Sep-16 | Bayer Last Refreshed 31-Aug-16 | Merck Last Refreshed 31-Aug-16 | USAID Procurement Last Refreshed 22-Sep-16



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Part 2: Solution Proposals





RHI SNOMED
GlobalFundMaster PipeLine NAICSATC
USCCPA FP2020UNFPACatalogueUSFDAGMDN eCI@ss
WHOEssentialMedicinesListCode ClassificationUNSPSC
WHOMedicalEligibilityCriteriaDatabase DHSDELIVERProductMaster
CountryEMLs UNICEFMasterMaterialTable
SCMSGenericMasterDELIVERCatalogue ANZSICUSFDAUDI
ProductSCMSItemListMedDRA ClaDiMed PPMRICPS
AHFSUMDNSNAPCCMDR CPV
GPC

Need for Collaboration in Classification and Identification of Health Products

~7,000
Products



A word cloud containing various health product identifiers and database names, including: UNICEF Master Material Table SCMS Master List, DELIVER Product Master ATC/DDD, FP2020, Global Fund Master, UNFPA Catalog, SCMS Fields, WHO Essential Medicines List, WHO Medical Eligibility Criteria, Pipeline, SNOWMED, UNFPA Catalog, SCMS Fields, RHI, DHIS, GPC, WHO Essential Medicines List, SCMS Generic Master, OpenL.MIS, UNSPSC, ORION, REESC Stock - Out Indicators, Country E.M.L.S., and PPMR.

Attribute
Identification

Products
mapped to
Standard

Example: UNFPA/USAID RHI/PPMR Data Trustees



Structure to identify, document, and collectively resolve data quality issues

Example: UNFPA/USAID RHI/PPMR Data Trustees

<u>Issue Status (Dec '15)</u>	<u>Totals</u>	<u>RHI</u>	<u>PPMR</u>	<u>Joint</u>
New	3	2	0	1
In Progress	2	1	1	0
On Hold	4	2	1	1
Closed Since Inception	29	20	9	0
Total All Issue Types	38	25	11	2

Why Adopt Global Standards?

- Standardize data across our existing and future systems
- Enable greater End-to-End supply chain security
- Improve patient safety
- Align ask to suppliers with global movement



Identify: GS1 standards for identification

GLN Global Location Number **GTIN** Global Trade Item Number **SSCC** Serial Shipping Container Code **GIAI** Global Individual Asset Identifier **GSRN** Global Service Relation Number



Capture: GS1 standards for barcodes and EPC/RFID

GS1 barcodes

EAN/UPC



GS1-128



ITF-14



GS1 DataBar



GS1 DataMatrix



GS1 QR Code



GS1 Composite Barcode



GS1 EPC/RFID

EPC HF Gen 2

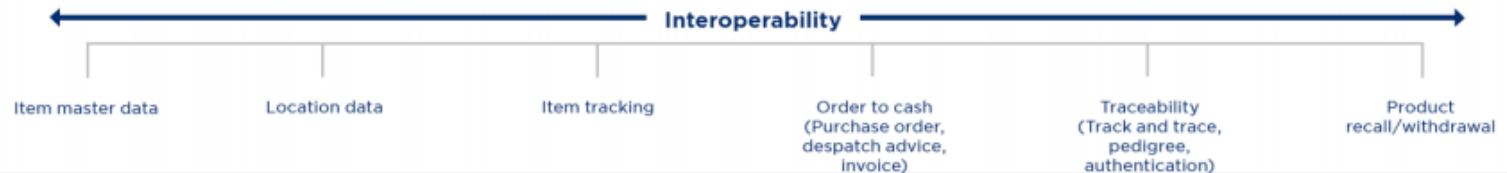


EPC UHF Gen 2



Share: GS1 standards for data exchange

Master data GLN Registry for Healthcare®, Global Data Synchronisation Network (GDSN) **Transaction data** GS1 EDI **Visibility event data** EPC Information Services (EPCIS)



The Global Language of Business

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#RHSUPPLIES2016

RH GTAG (est. Nov '15)

A forum for subject matter experts from industry and the public sector to discuss and provide recommendations for the adoption and implementation of global standards for RH product identification, data capture, and data exchange in the supply chain.



USAID



Part 3: Discussion

- Do you face data standardization challenges?
How have you addressed these?
- How can the RHSC community work together
to champion standardization?