Data, Data Everywhere!

10 October, 2016

11:15am – 12:15pm

Westlake Level, Pike room

Seattle

GENERAL MEMBERSHIP MEETING
— of the —
REPRODUCTIVE HEALTH
SUPPLIES COALITION

10-14 OCTOBER 2016

#RHSUPPLIES2016

Reproductive Health
SUPPLIES COALITION

DRAFT/ILLUSTRATIVE MARKET DATA LANDSCAPE

IDEAL

- Statistical/non-statistical forecasting using real-time data **D T**
- Production volume data per product **D**
- Manufacturer reports on production (public/private) **D**

- Supplier, donor, procurer procurement order data **D**

- Supplier, donor, procurer shipment/receipt data **D**

- Country prescription **D**
- eLMIS/OpenLMIS **D T**
- Facility/outlet level **D**
- Survey data **D**

- Facility level **D**
- HMIS **D T**
- Epidemiological modeling **D**
- Survey data **D**

Process boxes

| FORECASTING & PRODUCTION | PROCUREMENT & ORDERS | SHIPMENTS | CONSUMPTION & STOCK | IMPACT |

REALITY LANDSCAPE

- CSP Tool * **D T**
- RH Interchange **D T**
- RHTargetMarket Tool **T**

- PPMR* **D T**

- FP Market Report **D**

- FPwatch **D**
- SMO databases * **D T**
- Nat'l database pharmaceutical markets* **D T**
- Country LMIS* **D T**

- DHS/MICS data **D**
- DHS Online tools **T**
- PMA2020 data* **D**
- PMA DataLab **T**
- Track20 data & FP Estimation Tool **D T**
- Impact2 **T**

- Country ERP system * **D T**

- Country LMIS * **D T**

- Pipeline Supply Planning Tool & Country pipeline databases* **D T**

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* = restricted access
CSP = Coordinated Supply Planning
PPMR = Procurement Planning & Monitoring Report

D raw dataset that is analyzable

T Tool/database with pre-populated formulas and automated analyses

Inventory data:
- PPMR (stock on hand, avg monthly consumption)

Shipment data:
- RHI (UNFPA)
- USAID order data
- Implants supplier shipment files

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Coordinated Supply Planning Tool

User dashboard for planning and creating shareable reports

Coordinated Supply Planning Tool

Type: Dataset Aggregator and Tool
Frequency: Depends on data source
Access: RESTRICTED*

PURPOSE

Analysis and visualization tool to improve RH commodity security by promoting shared visibility to future supply needs (6-18 months) to promote coordinated shipment planning and maintenance of adequate stock levels at the country level.

CONTACT

Alexis Heaton
alexis_heaton@jsi.com

CSP Processes and Tools to Improve Data Visibility and Enable Coordinated Decision-Making

Tool allows us to assess the impact of a future shipment on stock levels
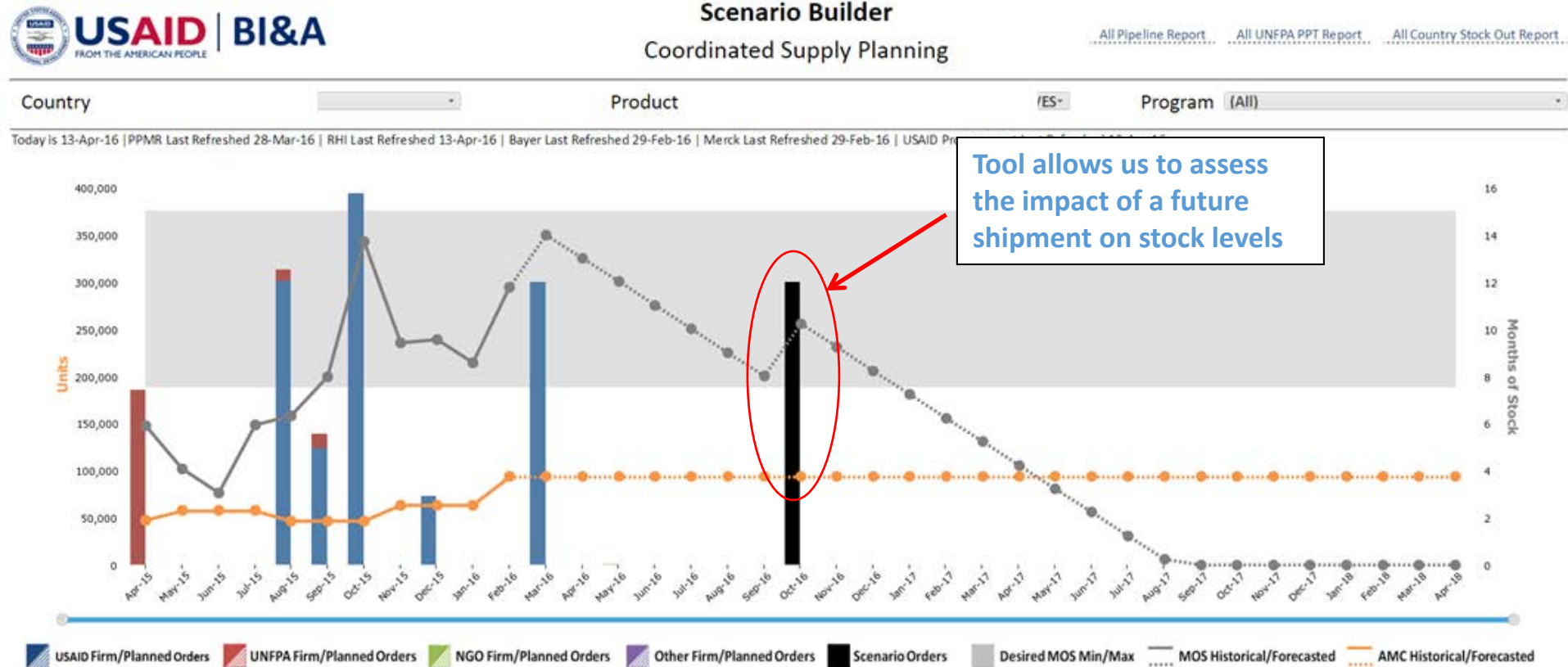
Past, present and future supply orders and shipments from procurement agencies – USAID, UNFPA, PSI, country gov'ts, IMS, IPPF, ICA, DKT, Crown Agents, Cycle Technology, etc.

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RH Interchange

↓
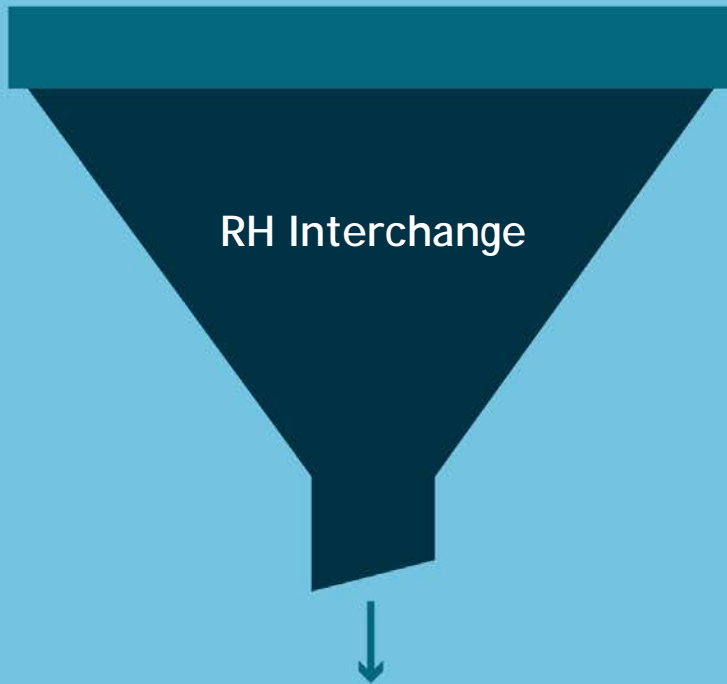
Contraceptive procurement reports: Summary of shipments, value summary, quantity summary, geographic summary, country-level shipment history, shipment details, complete RHI database download

RH Interchange

Type: Dataset and Tool
Frequency: Depends on source
Access: OPEN

PURPOSE

Free, web-based tool that provides accurate, harmonized data on more than $1 billion of contraceptive orders and shipments for 144 countries.

CONTACT

rhi-admin@unfpa.org
rhi-supply@unfpa.org

SELECT REPORT

Summary of Shipments ▼

View Data

REFINE REPORT

Select Geographic Area:

Global ▼

Start Date:

1 ▼ January ▼ 2015 ▼

End Date:

31 ▼ December ▼ 2016 ▼

Methods: ☑ Select All

Barrier Methods	IUDs
Condoms - Female	Orals - Combin
Condoms - Male	Orals - Emerge
Foam/Jelly Spermicide	Orals - Progest
Implants	Standard Days
Injectables	VFT/Supposito

Funding Sources: ☑ Select All

CIDA	MSI	UN Peacekeepi
DFID	Other	USAID
DKT	PSI	WHO
Global Fund	UNDP	World Bank
IPPF	UNFPA	ADB
MOH	UNICEF	AfDB

View Data

Global - Summary of Shipments

This report provides information about the quantity and value of contraceptives shipped over a specified period of time. Value and Quantity amounts shown are based on when orders were shipped, not necessarily a date that corresponds to fiscal obligations or when shipments were actually received.

You may refine the data displayed by using the **Refine Report** area to the left. Click on the help button ⊙ in the **Select Report** section to the left for more detail about the data in this report and how to adjust refinement criteria.

Copy   Print   Save   Search: [   ]

Method	Quantity	Value
Barrier Methods (units)	200	$1,819
Condoms - Female (pieces)	38,871,654	$21,169,375
Condoms - Male (pieces)	2,478,247,176	$84,286,302
IUDs (pieces)	6,124,517	$2,623,696
Implants (pieces)	14,367,266	$126,054,808
Injectables (doses)	102,466,085	$93,792,804
Orals - Combined (cycles)	142,051,305	$42,346,436
Orals - Emergency (doses)	3,757,836	$1,655,758
Orals - Progestin Only (cycles)	15,750,916	$5,597,824
Standard Days Method (pieces)	464,000	$849,814
VFT/Suppository Spermicide (pieces)	6,600	$13,465
Total		$378,392,101

Show 100 ▼ entries   Showing 1 to 11 of 11 entries   First Previous 1 Next Last

Copy   Print   Save   Search: [   ]

Method	Quantity	Value	Funding Source
Barrier Methods (units)	200	$1,819	IPPF
Condoms - Female (pieces)	164,000	$113,717	IPPF
Condoms - Female (pieces)	3,653,400	$1,947,445	Other
Condoms - Female (pieces)	852,000	$515,896	UNDP
Condoms - Female (pieces)	19,039,254	$9,704,863	UNFPA

16 databases of market data, including FHI360 regulatory database, Track20, WB data, CHAI Global Markets Visibility Project data, USAID BI&A, UNFPA external procurement support report

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RHTargetMarket Tool

Based on prioritization of key criteria defined by the user, the tool generates a list of relevant countries with information regarding registration processes, market sizes and demographics.

RHTargetMarket Tool

Type: Tool
Frequency: Depends on source
Access: OPEN

PURPOSE

Interactive, web-based tool that supports manufacturers in their decision to expand investments in contraceptive markets. It can also be used by other stakeholders to develop country specific strategies for improving FP availability.

CONTACT

Julia White
jwhite@rhsupplies.org

RHTarget**Market**

Step 1: Select preferred indicators

Selections

Click on an indicator in the left panel to view and select attributes to appear below.

Climatic Zone

IVB

Contraceptive Prevalence Rate, Modern Methods (mCPR)

Contraceptive Prevalence Rate, Modern Methods (mCPR)

Fertility Rate, Adolescent

Adolescent fertility rate (births per 1,000 women ages 15-19)

Market Share by Modern Contraceptive Method (%)

Condom

STEP 1

Search for indicators or attributes

Expand All | Attribute Details

Fertility Rate, Total

Income Group

Language Requirement for Packaging Label

Market Share by Modern Contraceptive Method (%)

Condom — Added

Female Sterilization — Add

Implants — Add

Step 2: Run your assessment

ATTRIBUTES	IVB	CONTRACEPTIVE PREVALENCE RATE, MODERN METHODS (mCPR)	ADOLESCENT FERTILITY RATE (BIRTHS PER 1,000 WOMEN AGES 15-19)	STEP 2
REPORTING PERIOD	2014	2015	2014	
Uganda	No	0.226	115.000	0.090
Cameroon	Yes	0.197	107.000	0.677
Tanzania	Yes	0.289	119.000	0.179
Mozambique	Yes	0.242	143.000	0.248
Zimbabwe	Yes	0.459	110.000	0.053
Lesotho	No	0.453	92.000	0.286
Pakistan	No	0.186	39.000	0.336
Nepal	Yes	0.369	73.000	0.078
Nigeria	Yes	0.121	112.000	0.402
Togo	Yes	0.181	92.000	0.325

Step 3: Export the results

	Indicators	Climatic Zone	Contracep	Fertility Rate,	STEP 3
1					
2	Attributes	IVB			
3	Reporting Period		2014	2015	
4	Uganda	No	0.2260000		
5	Cameroon	Yes	0.1970000	1070.000	
6	Tanzania	Yes	0.2890000	1.190.000	
7	Mozambique	Yes	0.2420000	1.430.000	
8	Zimbabwe	Yes	0.4590000	1.100.000	
9	Lesotho	No	0.4530000	920.000	
10	Pakistan	No	0.1860000	390.000	
11	Nepal	Yes	0.3690000	730.000	
12	Nigeria	Yes	0.1210000	1.120.000	
13	Togo	Yes	0.1810000	920.000	
14	Bangladesh	No	0.4230000	830.000	
15	Congo, Republic of (Brazzaville)	No	0.2550000	1.190.000	
16	Sao Tome and Principe	No	0.3010000	850.000	
17	India	Yes	0.3920000	260.000	
18	Bolivia	No	0.2860000	710.000	
19	Honduras	No	0.4300000	660.000	
20	Ivory Coast	No	0.1780000	1.350.000	

Annual shipment data from 13 suppliers (to-date) starting from 2011

Family Planning Market Report

Aggregated public sector shipment data by method and country for 69 FP2020 focus countries

Shipment-based analyses and major trends across market value, users, and donor funding

Global Markets Visibility Project – Family Planning Market Report

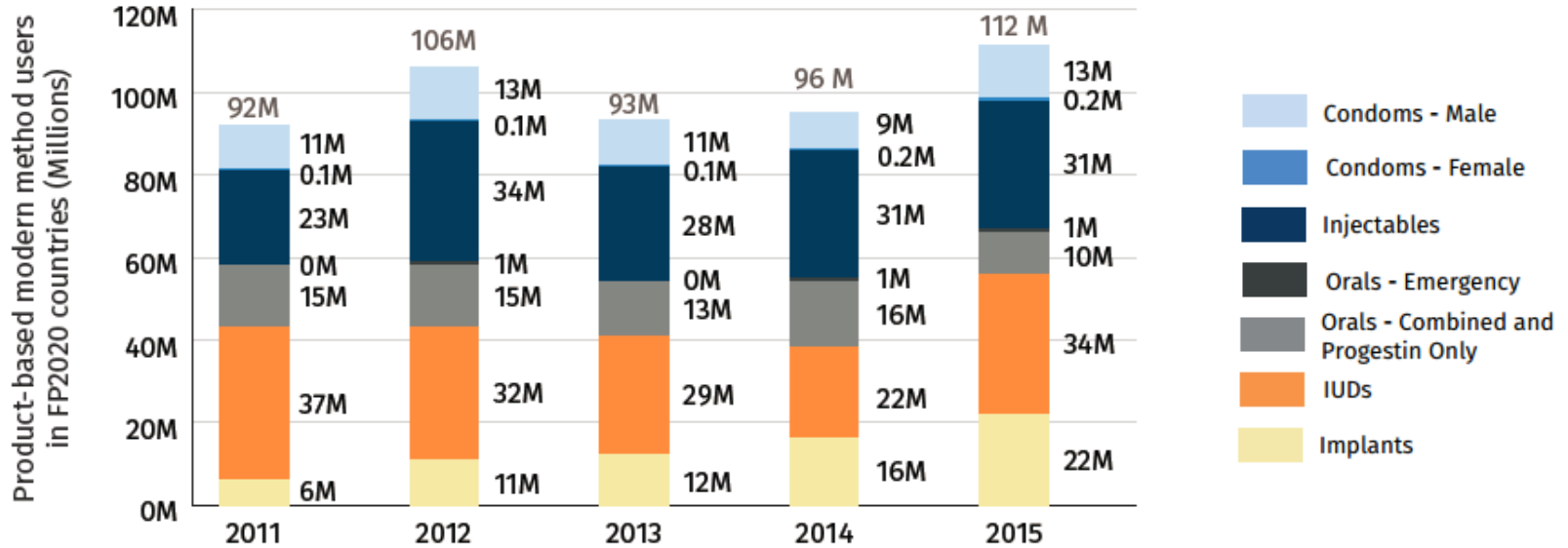Type: Dataset and Report
Frequency: Yearly
Access: OPEN

PURPOSE

Address information gaps in the reproductive health commodities market through the use of shipment-based data and analyses for all product-based, modern method contraceptives to provide an alternate lens in measuring progress towards FP2020 goals
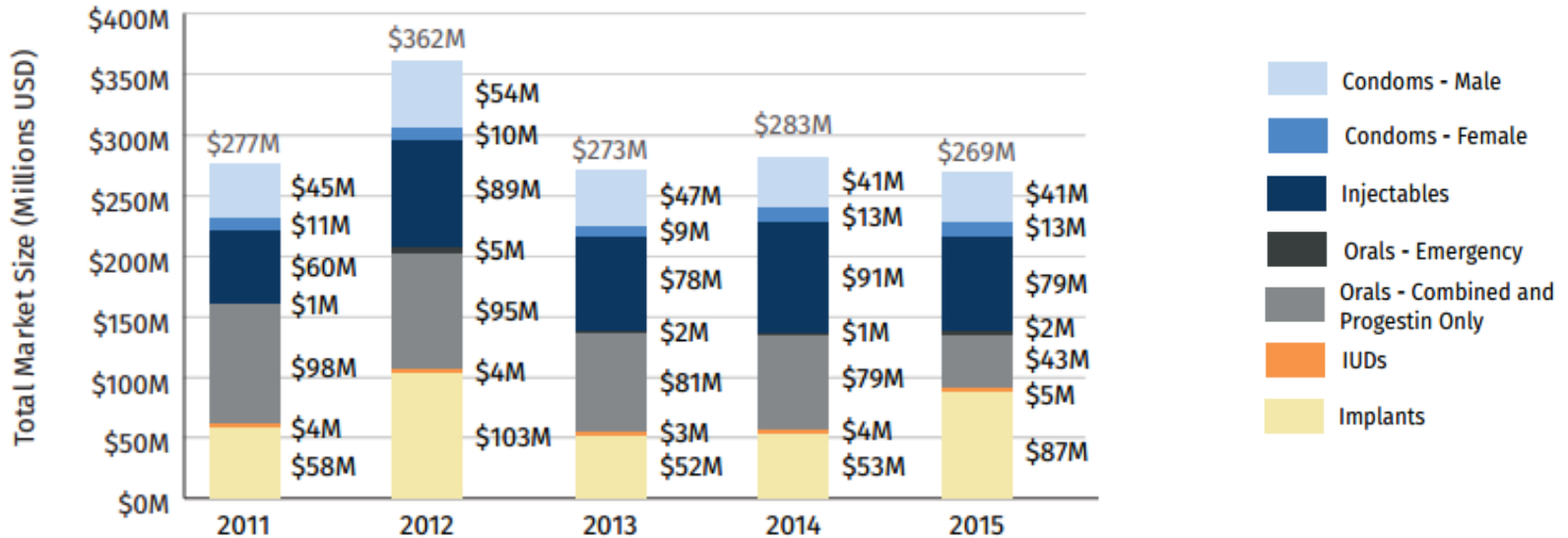
CONTACT

Eleni Han, ehan@clintonhealthaccess.org
Ryan Fu, rfu@clintonhealthaccess.org

Total FP2020 Users on Product-Based Modern Methods

Product-based modern method users in FP2020 countries (Millions)

	2011	2012	2013	2014	2015
Total	92M	106M	93M	96M	112M
Condoms - Male	11M	13M	11M	9M	13M
Condoms - Female	0.1M	0.1M	0.1M	0.2M	0.2M
Injectables	23M	34M	28M	31M	31M
Orals - Emergency	0M	1M	0M	1M	1M
Orals - Combined and Progestin Only	15M	15M	13M	16M	10M
IUDs	37M	32M	29M	22M	34M
Implants	6M	11M	12M	16M	22M

Total FP2020 Market Size

Total Market Size (Millions USD)

	2011	2012	2013	2014	2015
Total	$277M	$362M	$273M	$283M	$269M
Condoms - Male	$45M	$54M	$47M	$41M	$41M
Condoms - Female	$11M	$10M	$9M	$13M	$13M
Injectables	$60M	$89M	$78M	$91M	$79M
Orals - Emergency	$1M	$5M	$2M	$1M	$2M
Orals - Combined and Progestin Only	$98M	$95M	$81M	$79M	$43M
IUDs	$4M	$4M	$3M	$4M	$5M
Implants	$58M	$103M	$52M	$53M	$87M

Country public and private sector stock level data from Facility reports, LMIS Reports, Physical Inventories, Pipelines, Sales Reports, and Warehouse Reports, for contraception and condom stock levels as well as expected shipment info from MOH, MSH, GHSC-PSM, SMO, and UNFPA data for 34 countries

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Procurement Planning & Monitoring Report (PPMR) Database

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Monthly report that describes the stock status of public and private sector contraceptives in 34 countries and flags issues.

PROCUREMENT PLANNING & MONITORING REPORT (PPMR)

Type: Dataset, Report, and Tool
Frequency: monthly/quarterly
Access: RESTRICTED*

PURPOSE

Prevent or mitigate stock-outs by
- Encouraging countries to report standardized data
- Informing both global and national partners of supply situations in countries

CONTACT

Ellen Tompsett
etompsett@ghsc-psm.org

Enter Product Data

Please select country, period and program to enter detail stock status report.

Country	Nigeria ▾
Period	2016 - Aug ▾
Program	Ministry of Health ▾
Product	CT380A IUD ▾
Supply Chain Level	Central ▾
No New Data	☑
Date Stock Data Reported	22-06-2016 📅
Quantity On Hand	368,166
AMC	15,535
MOS	24.00
Source of Data	Physical Inventory ▾
Date of Next Shipment	📅
Supplier Of Next Shipment	Unknown ▾
Comment	Earliest expiry is July 2018.
Revised Comment	
Action Recommended	No CARhs action recommended. MOH will monitor uptake and ensure FEFO is implemented to avoid expiries.

Months of Stock

Average Monthly Consumption
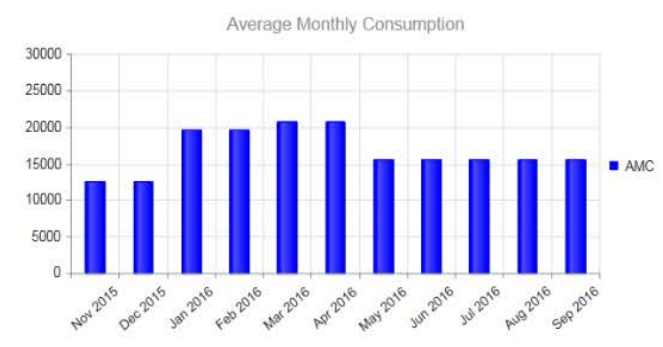
Critically Recommended Actions: No Data To Display

Commodity Security Updates

Ministry of Health

Flag	Product	No New Data	Date Stock Data Reported	Months Of Stock				Status	Level	Actual SOH	AMC	Data Source	Receipt Date of Next Shipment	Supplier of Next Shipment	Comment	Action Recommended
				Min	Max	AMC	MOS									
☐	CT380A IUD	Yes	02-08-2016	6	9	446	0	stocked out	Central	0	446	Warehouse Report			The private sector is currently over stocked with this product. We will transfer some of this products to the public sector.	No action.
☐	Depo-Provera	Yes	01-08-2016	6	9	85,084	11	over stock	Central	928,400	85,084	Warehouse Report			Product currently over stocked. The private sector has requested for a transfer of some of this stock to the private warehouse.	No action.
☐	Emergency Contraceptive Pill (ECP)	Yes	02-08-2016	6	9	14,576	0	stocked out	Central	0	14,576	Facility Reports			Awaiting guidance from UNFPA about portioning of UNFPA confirmed stock of 137,433 under PO31480 between the private and public sector.	no action.
☐	Implanon	Yes	01-08-2016	6	9	2,171	31	over stock	Central	66,548	2,171	Warehouse Report			Some of this product will be transferred to the private sector.	No action.
☐	Male Condom-No Logo	Yes	01-08-2016	6	9	3,430,374	1	below min	Central	1,972,800	3,430,374	Warehouse Report		Global Fund	This product is usually transferred from the private sector to the public. This process is on a continuous basis.	No action.

AFFORD

Flag	Product	No New Data	Date Stock Data Reported	Months Of Stock				Status	Level	Actual SOH	AMC	Data Source	Receipt Date of Next Shipment	Supplier of Next Shipment	Comment	Action Recommended
				Min	Max	AMC	MOS									
☐	All Combined Oral Pills	Yes	01-08-2016	3	9	1,000	100	over stock	Central	100,080	1,000	Facility Reports		UNFPA	Real AMC not known because the product has been stocked out for a long time.	
☐	CT380A IUD	Yes	01-08-2016	3	9	16,733	10	over stock	Central	163,749	16,733	Warehouse Report			Monitor usage and plan to order when the stock level runs low.	
☐	Depo-Provera	Yes	01-08-2016	3	9	184,733	4	min to max	Central	730,690	184,733	Warehouse Report		UNFPA	We do expect some Depo from UNFPA however the ETA is not known.	
☐	Emergency Contraceptive Pill (ECP)	Yes	01-08-2016	3	9	500	202	over stock	Central	101,057	500	Warehouse Report			This product also stocked out so actual AMC is unknown.	
☐	Female Condom	Yes	01-08-2016	3	9	99,333	25	over stock	Central	2,503,315	99,333	Warehouse Report			The actual AMC for this product is yet to be established, there is a real drive to increase demand especially among Most-At-Risk groups.	

Nationally- and regionally-representative FP outlet surveys in Ethiopia, Nigeria and DRC. Full census of all public and private outlets providing contraceptives/services.

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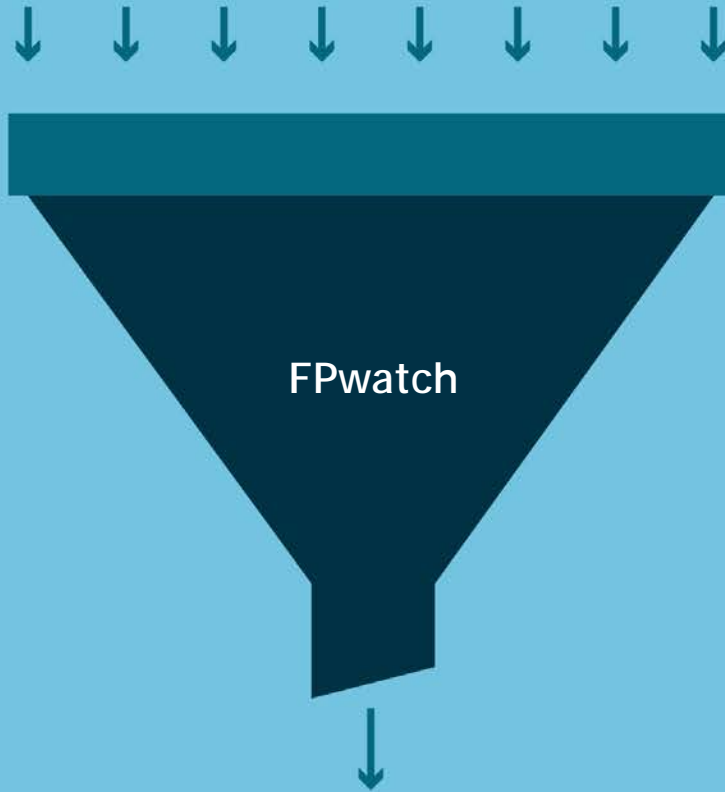
FPwatch

Information on contraceptive market composition, availability of methods, price, market share and service readiness by outlet type and sector.

FPwatch

Type: Dataset
(public/private sector svc delivery data)
Frequency: New data 2 years by country
Access: OPEN

PURPOSE

Open access database that collects public and private sector service delivery data to develop a picture of the total market for FP supplies/services in defined geographic areas

CONTACT

Bryan Shaw
bshaw@psi.org

Example FPwatch Indicator: Contraceptive Market Share

Market share: % of total volume in couple-years of protection sold/distributed, by sector
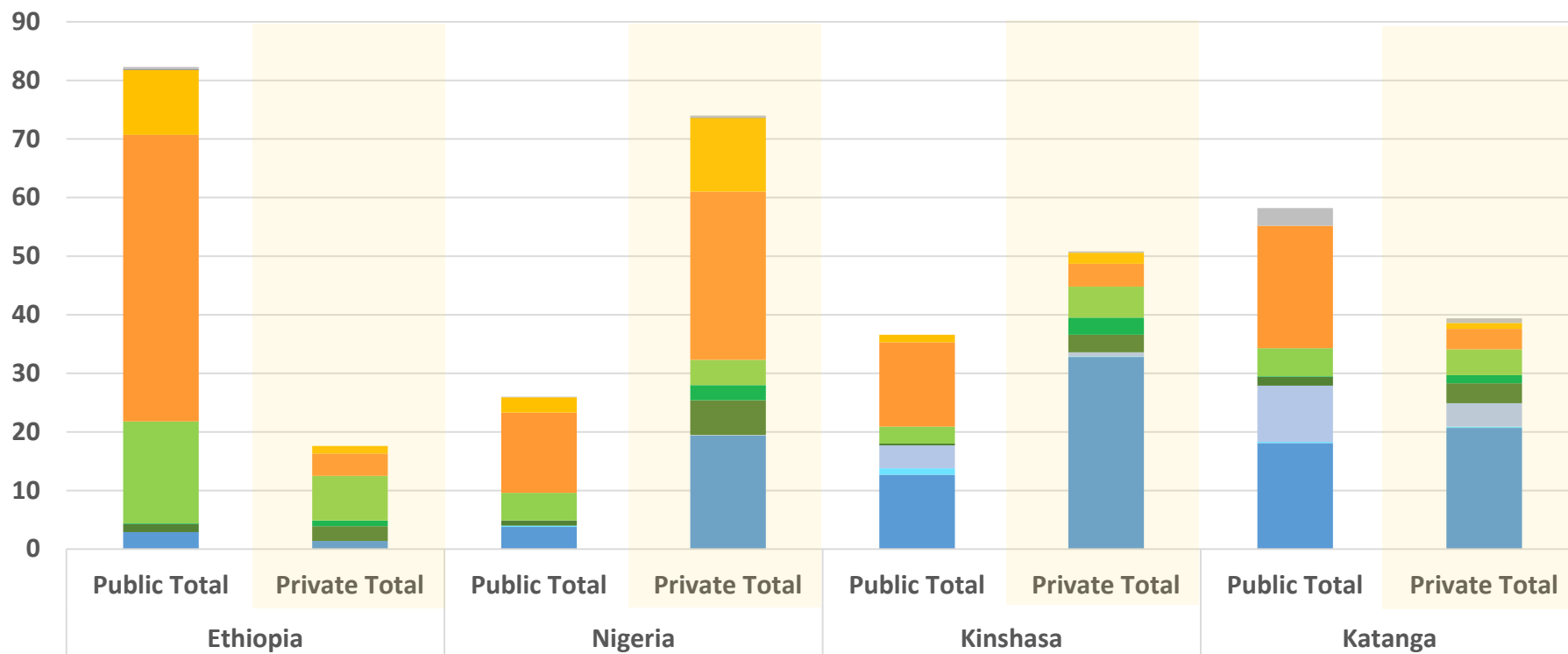
Legend:
- Male condoms
- Female condoms
- CycleBeads
- Oral contraceptives
- Emergency contraceptives
- Injectables
- Implants
- IUDs
- Male Sterilization
- Female sterilization

Data on total pharma market (public, private, NfP)
Quarterly trend data

Zambia example: ZAMRA, IMS + MMV, TESS

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National Database of Pharmaceutical Market

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Value and volumes by ATC, molecule, form, strength, pack size, brand, manufacturer etc.

National Database of Pharmaceutical Market

Type: Dataset and Tool
Frequency: Quarterly
Access: RESTRICTED* depends on partnership

PURPOSE

Data & analytic tool providing size + structure of total pharma market for:
- policy making & policy compliance
- product introduction & uptake
- access to medicines, availability
- quality, post-marketing surveillance
- market growth / trends
- drug utilization research
- Budgeting & value for money

CONTACT

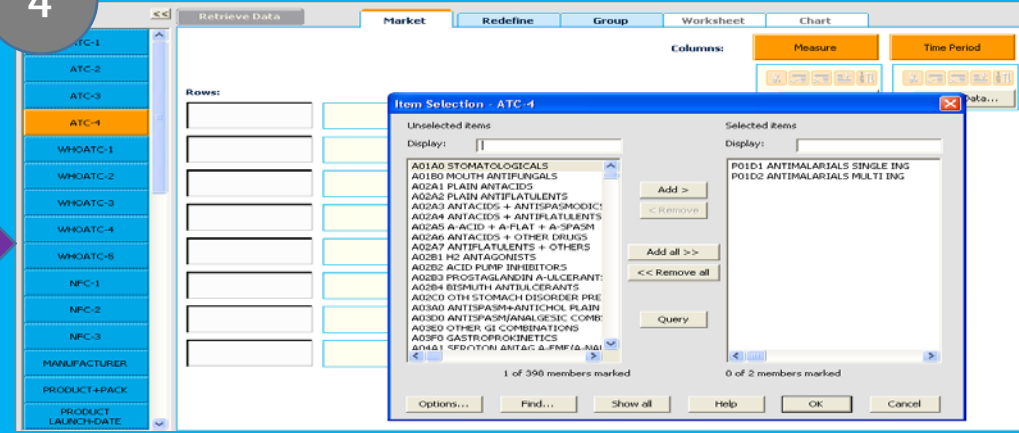Renia Coghlan
TESS Development Advisors
renia@tessadvisors.org

1 **2006**

MMV: product launch plans

2 Absence of market data

Value / Vol. / Mkt Share

Total
?m Malaria
? m
? m ARV
?m TB
? m
Other Products

3 Private sector 'confounder'

Madagascar   9%   (2013)
Zambia   15%   (2012)
Uganda   57%   (2014)
Nigeria   77%   (2012)

(Private sector access, malaria
MIS: www.malariasurveys.org)

4 Develop market monitoring system

(IMS DataView)
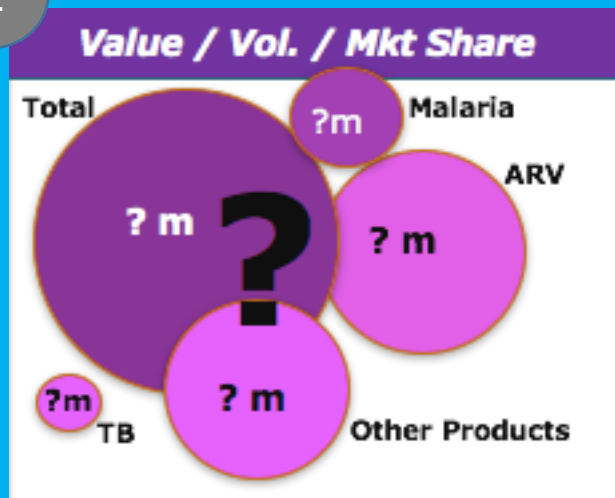
5 Zambia Proof Principle: 8 years' trend data
All ATCs; by value, vol., pack, str., dosage…
533 manufacturers, imports fr. 33 countries

6 Outputs for decision-making

USD Sales 2014
USD 0,3 m
■ Public
USD 12.4 m 98%
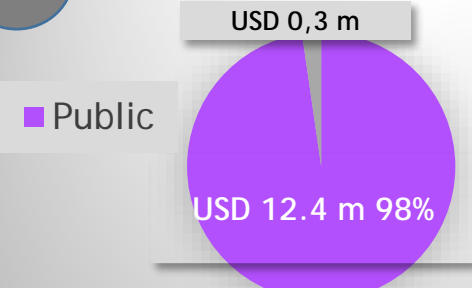
Last AS oral
monotherapy:
July 2009

1st Line Policy: % of total units

2009	2010	2011	2012	2013	2014
95%	97%	43%	92%	81%	86%

Family planning and safe abortion/PAC service delivery data; client profile data. Pre-loaded with data from UN population prospects, DHS, WHO maternal mortality and abortion incidence data, FP method efficacy data, and more.
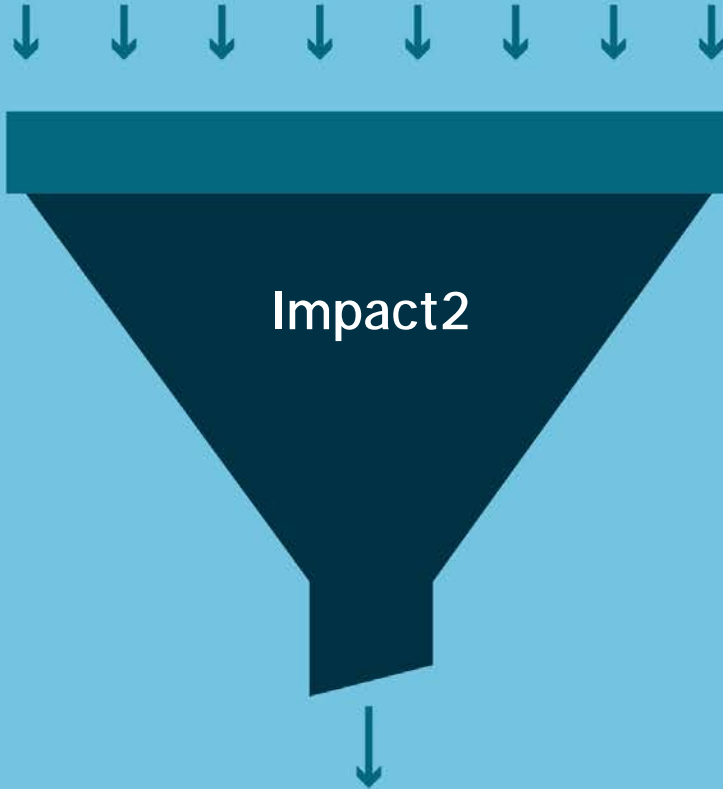
Impact2

- Estimate your past, current and future contributions to national contraceptive use, CPR, additional users, and safe abortion or PAC services nationally.
- Estimate the wider health, demographic and economic impacts of these services.

Impact2
(www.mariestopes.org/impact-2)

Type: Tool
Frequency: Tool updated annually – next update due early 2017
Access: OPEN

PURPOSE

Web-based tool that converts FP and SA-PAC data into estimated users of FP, and health, demographic and economic impacts. It can be used to estimate the impact of services and estimate services needed to reach an impact goal.

CONTACT

george.hayes@mariestopes.org
Senior Impact Advisor, MSI

MARIE STOPES INTERNATIONAL
Children by choice, not chance

An innovative tool for measuring the impact of reproductive health programmes

Updated July 2016 - Impact 2 been updated with the latest and best data, and the methodology has been updated to reflect efforts to harmonize impact estimates with the wider sector- including FP2020. To find out more about the changes in this latest version of Impact 2 (2.4), click here.

Find out more about the Impact 2 model, and scroll down to download the latest version of the model.

Additional supporting materials:

- methodology paper
- understanding and using Impact 2 (zip file containing guides on: estimating market share; contribution to FP2020 goals; increasing national CPR; improving contraceptive choice; and guidance on impact results).
- Introductory guide
- Training webinar

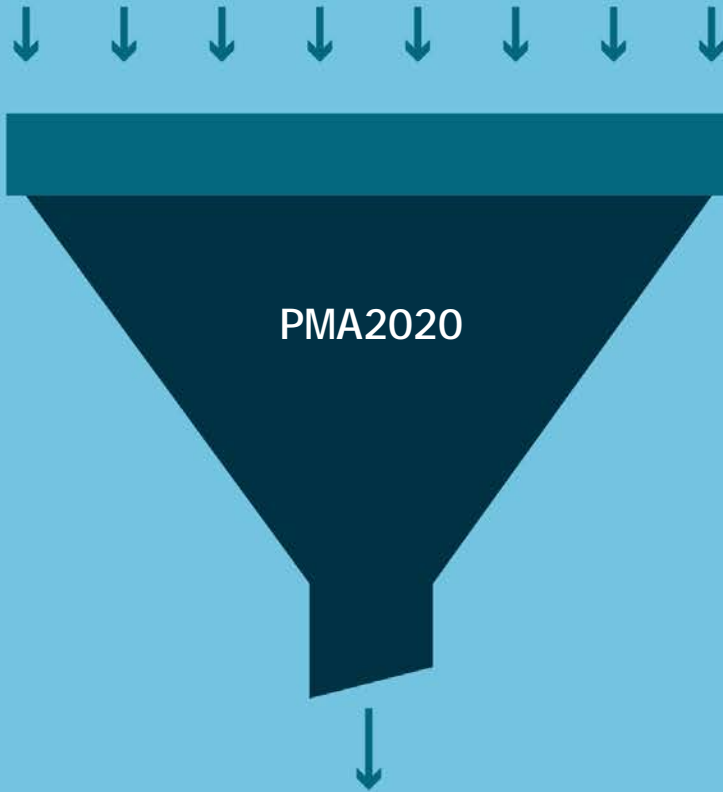For more information contact: research@mariestopes.org

Note: Results from this updated version of Impact 2 cannot be compared to results from previous versions of the model due to changes in data and methodology. We encourage you to use the updated version (July 2016), and recalculate all past and future results based on this version of Impact 2.

Please fill in the details below, and click submit to download

Name *

Role *

A probability sample of households and individual surveys of women aged 15 to 49 years and service delivery points in associated areas that offer basic health services and commodities, including private facilities.

PMA2020

PMA2020

Type: Dataset, Tool, Report
Frequency: every 6 months
Access: OPEN

PURPOSE

Collect data from households and service delivery points in selected sentinel sites, to estimate key family planning and water, sanitation and hygiene (WASH) indicators on a semi-annual basis in 10 pledging FP2020 countries.

CONTACT

Linnea Zimmerman
linnea.zimmerman@jhu.edu

Producing national or subnational estimates of priority FP and WASH indicators to report to national and international stakeholders. Data are disseminated in two page briefs, detailed tables, a data visualization tool and special reports

Access data and reports at www.pma2020.org

Two-Pager

Indicator Snapshot

Raw Data