

The impact of wider method choice on contraceptive use: What we are seeing across 6 countries in Africa

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Parallel Session
4:20-5:10pm
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GENERAL MEMBERSHIP MEETING
of the
REPRODUCTIVE HEALTH
SUPPLIES COALITION

10-14 OCTOBER 2016

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Supply-side Features of PMA2020

- ✓ *From a nationally-representative set of sentinel enumeration areas:*
 - *Households are randomly selected and females age 15-49 interviewed and*
 - *Facilities (public and private) that serve that community are selected and interviewed*
- ✓ *Surveys are repeated every 6 months for 2 years, then annually*
- ✓ *New households selected each round, but facilities are largely the same: panel*
- ✓ *Facility survey encompasses questions on:*
 - *Family planning services offered (provided, counseled, referred, charged for)*
 - *Visual observations of contraceptive commodities in stock*
 - *Duration of current stock-out*
 - *Stock-outs in than past 3 months*
 - *Count of number of users (new/total) by method, in the past month*



PMA Countries:

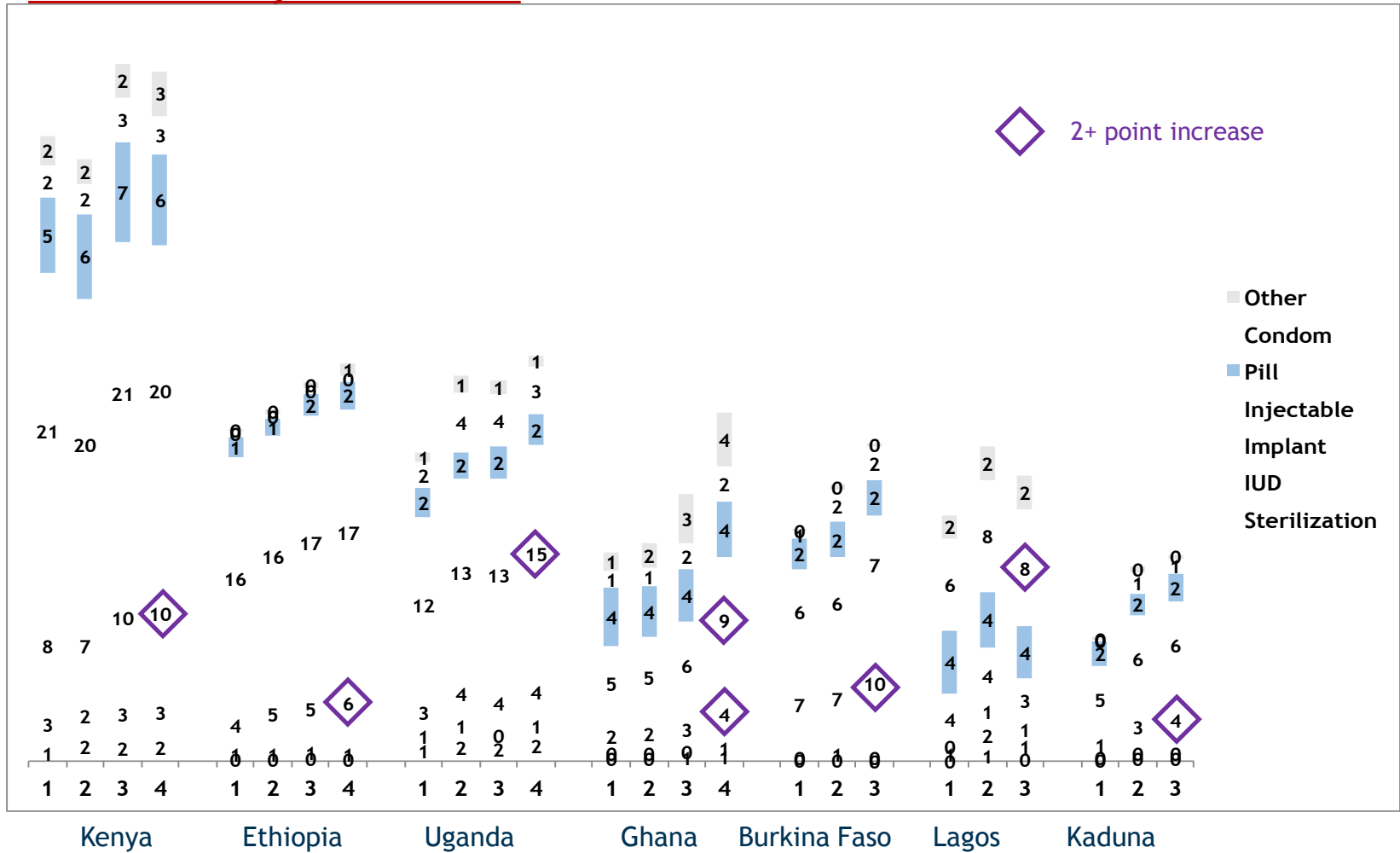


Ghana,, DR Congo, Ethiopia, Uganda, Kenya, Burkina Faso, Nigeria, Niger, Indonesia, India

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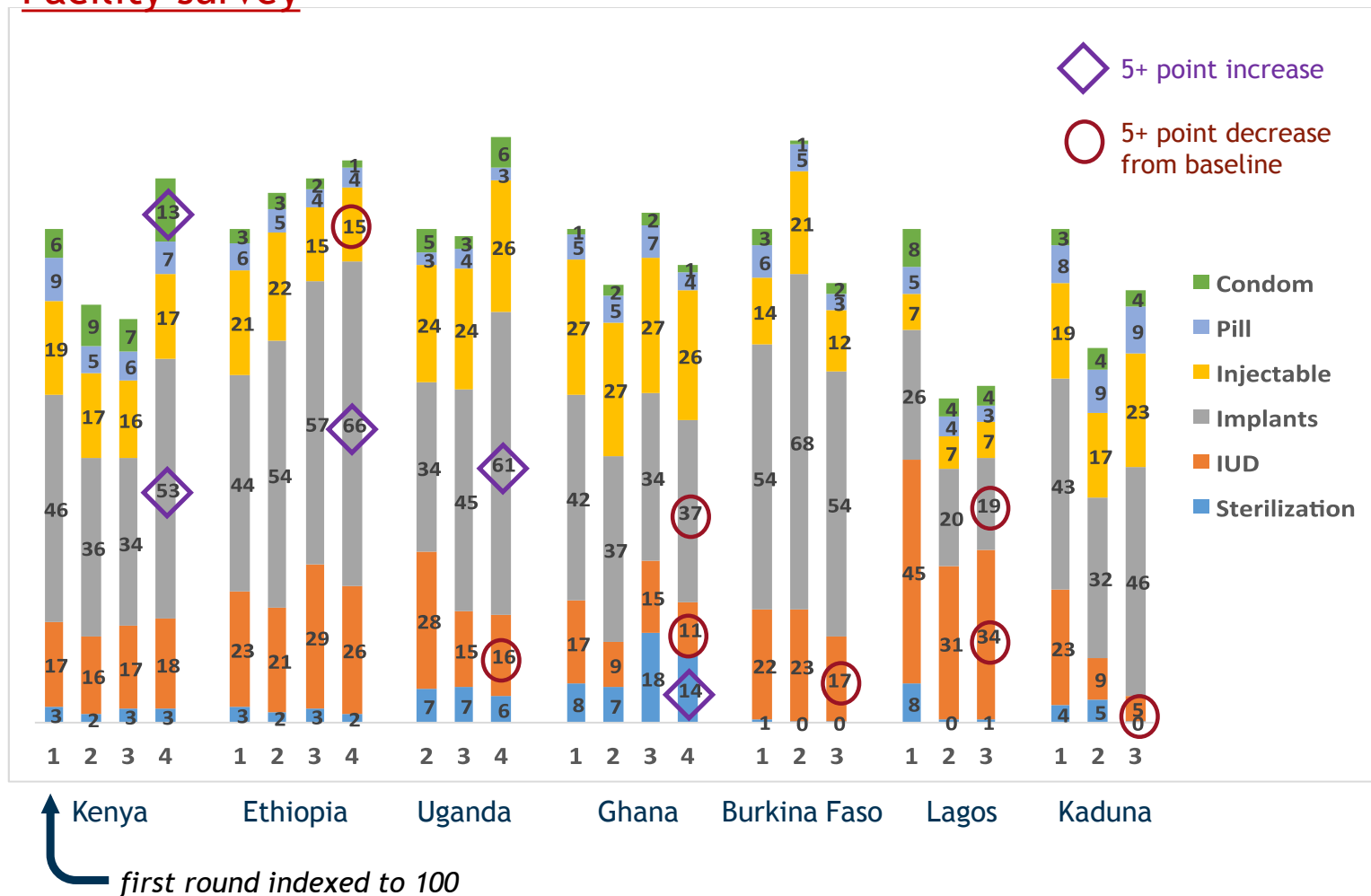
Trends in Contraceptive Use, by Method and Round

Female survey - all women

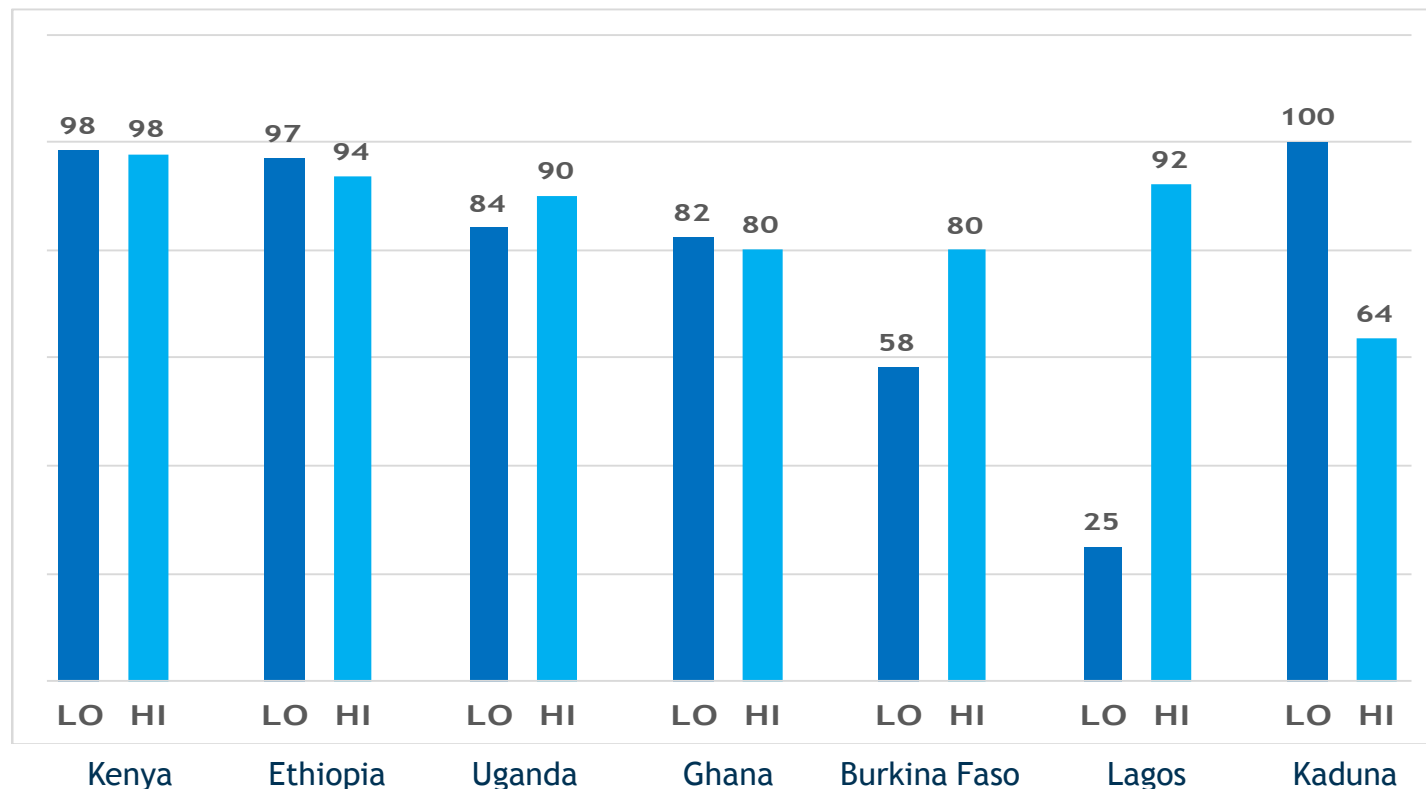


Percent CYPs by Method and Round

Facility survey

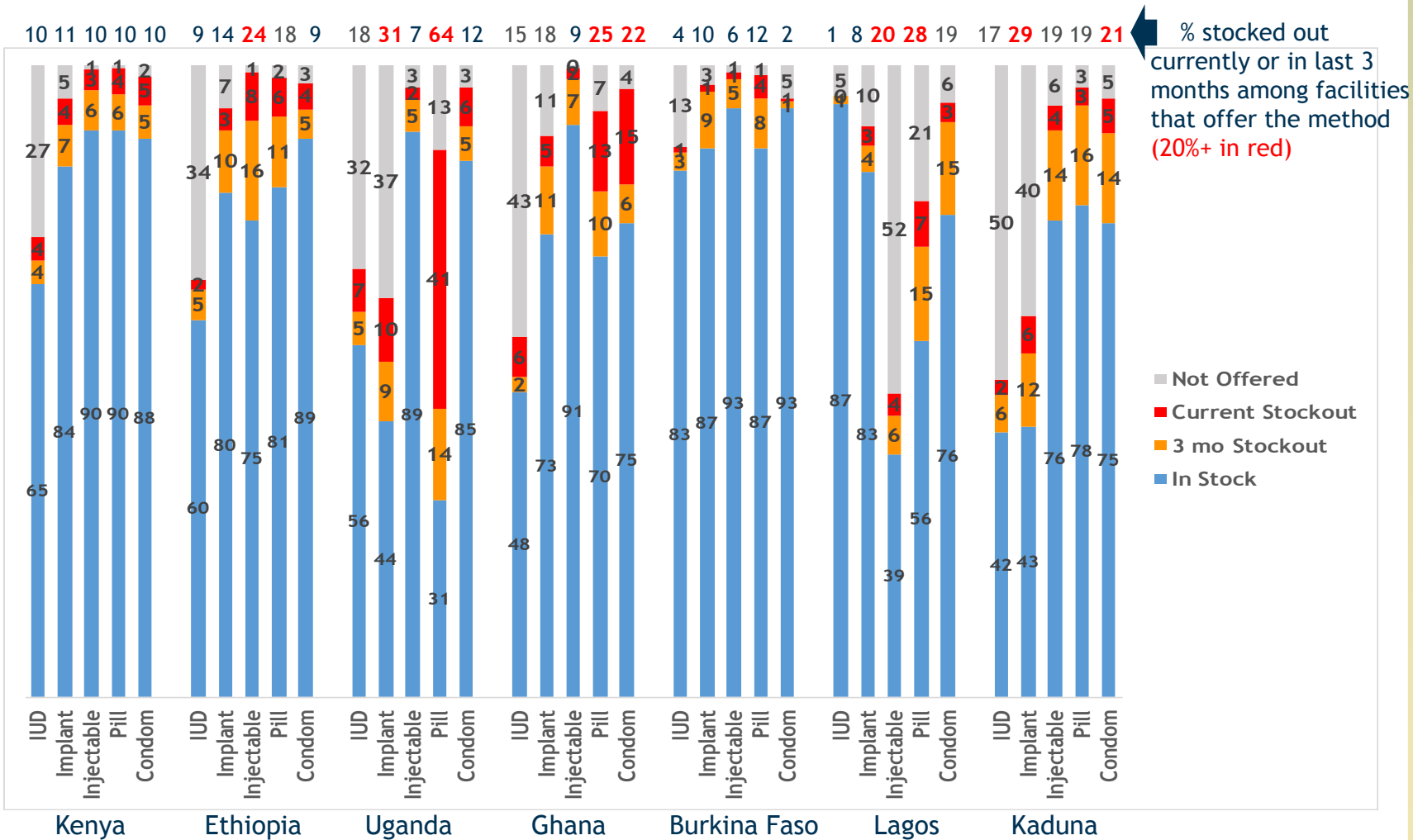


Percent of facilities that meet 3+/5+ method standard Public sector

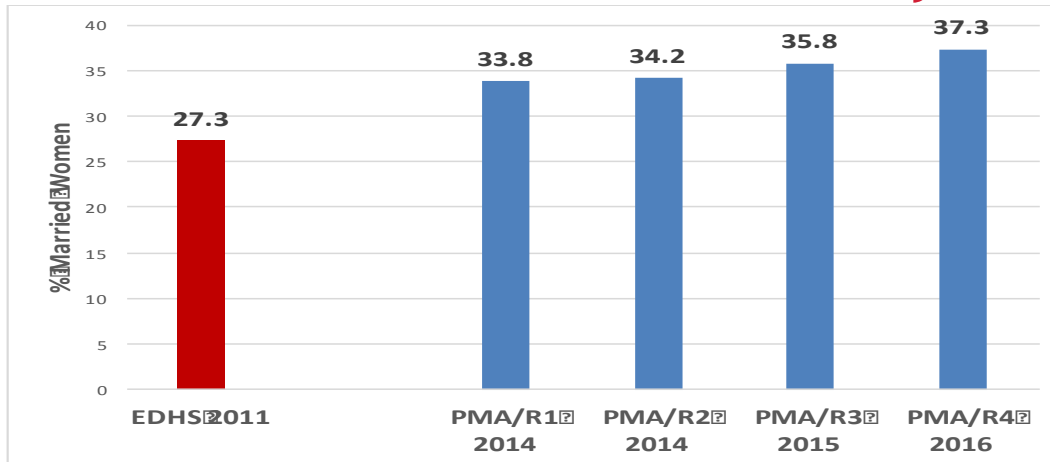


** Lower level facilities: % providing 3 or more methods;
Higher level facilities: % providing 5 or more methods.*

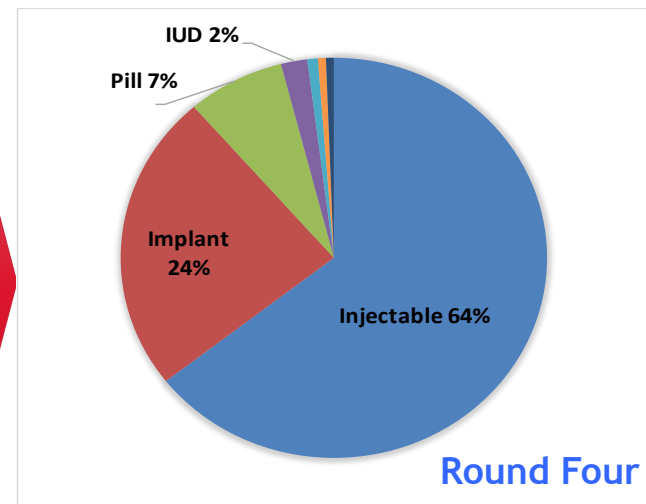
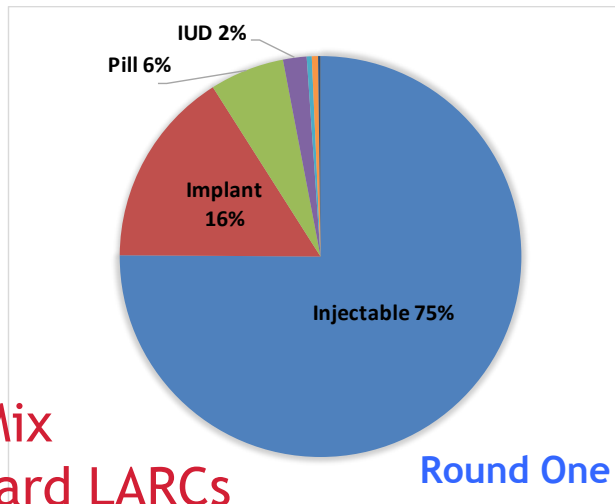
Contraceptive Availability by method averaged across multiple survey rounds



ETHIOPIA - PMA's Female Survey shows:



2 Point annual increases in mCPR and...



Method Mix shift toward LARCs

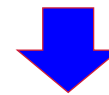
ETHIOPIA - PMA Facility Survey reveals similar shifts:

Method	Round1	Round2	Round3	Round4
Sterilization	1,58	1,05	1,35	1,90
IUD	1,983	1,796	2,492	2,211
Implants	6,956	8,565	9,088	10,382
Injectable	4,633	5,979	4,391	4,217
Pill	8,663	7,415	5,774	5,728
Condom	8,500	1,790	28,362	8,321

Number of total users (past month):



IUD & implant



injectable, pill, condom

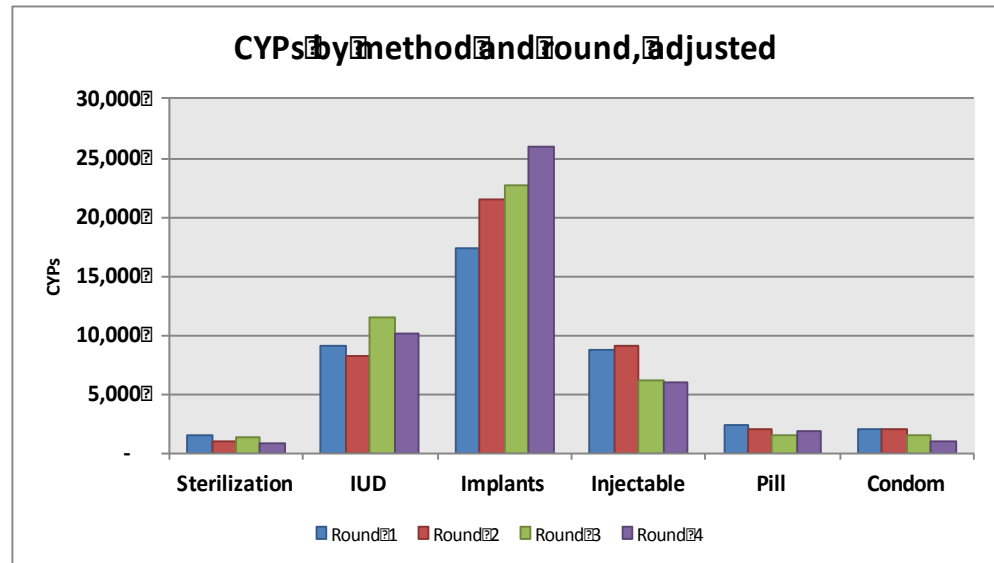
Expressed in CYP:

12% increase over 4 rounds from 40,879 to 45,730

3 methods make up 92% of CYP:

- Implant 57%
- IUD 22%
- Injectable 13%

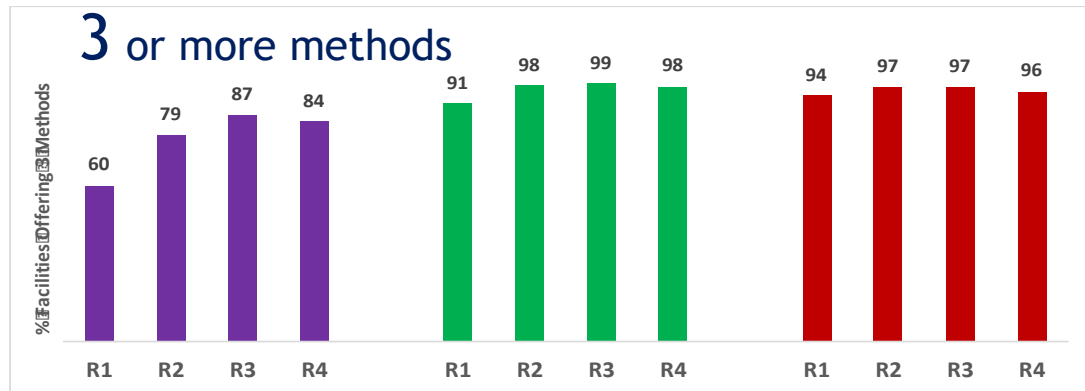
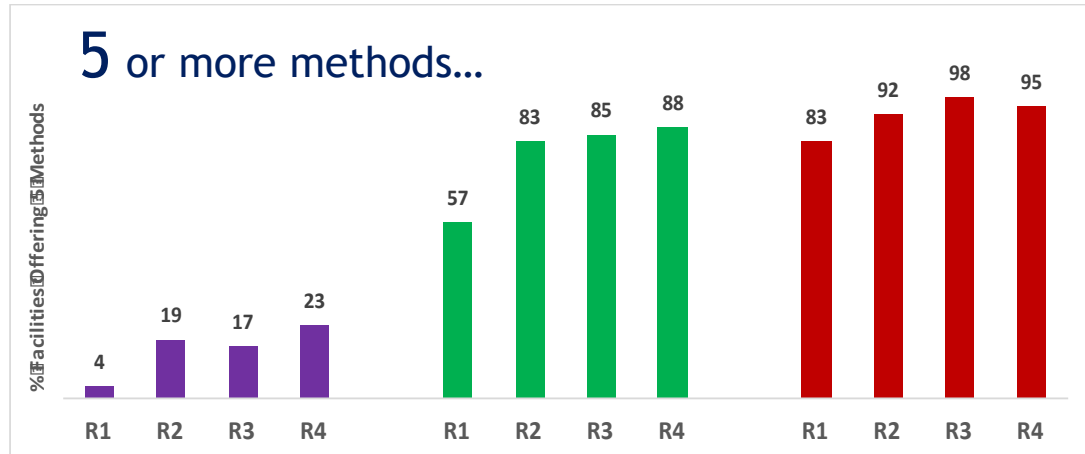
(up from 86% in round 1)



Note: 444 facilities surveyed, of which 95 hospitals, 206 health centers, 94 health posts, 56 private.

Percent of Public Facilities that Offer:

Round 1			
	n	3+	5+
Hospital	66	93.9	83.3
HC	184	90.8	57.1
Health Post	84	59.5	3.6
TOTAL	334	83.5	48.8
Round 2			
	n	3+	5+
Hospital	76	97.4	92.1
HC	181	97.8	83.4
Health Post	85	78.8	18.8
TOTAL	342	93.0	69.3
Round 3			
	n	3+	5+
Hospital	84	97.4	97.6
HC	205	98.5	85.4
Health Post	96	86.5	16.7
TOTAL	386	95.1	70.7
Round 4			
	n	3+	5+
Hospital	95	95.8	94.7
HC	206	97.6	87.9
Health Post	94	84.0	23.4
TOTAL	395	93.9	74.2



Health Post

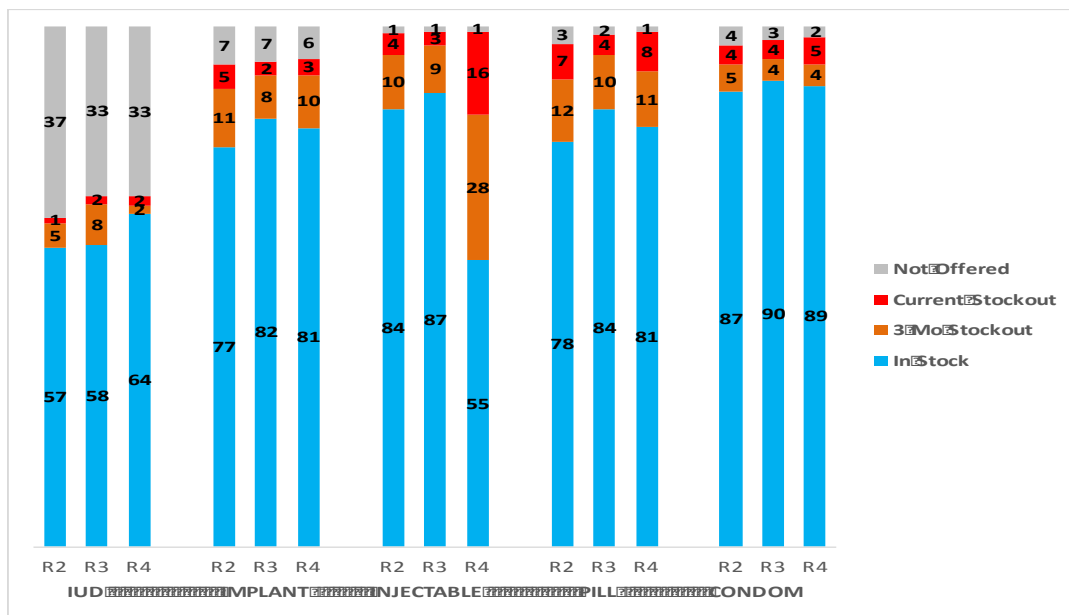
Health Center

Hospital

- 84% of health posts provide 3 or more methods
- 88% of health centers and 95% of hospitals provide 5 or more methods

Contraceptive Availability Across 3 Survey Rounds

Public sector

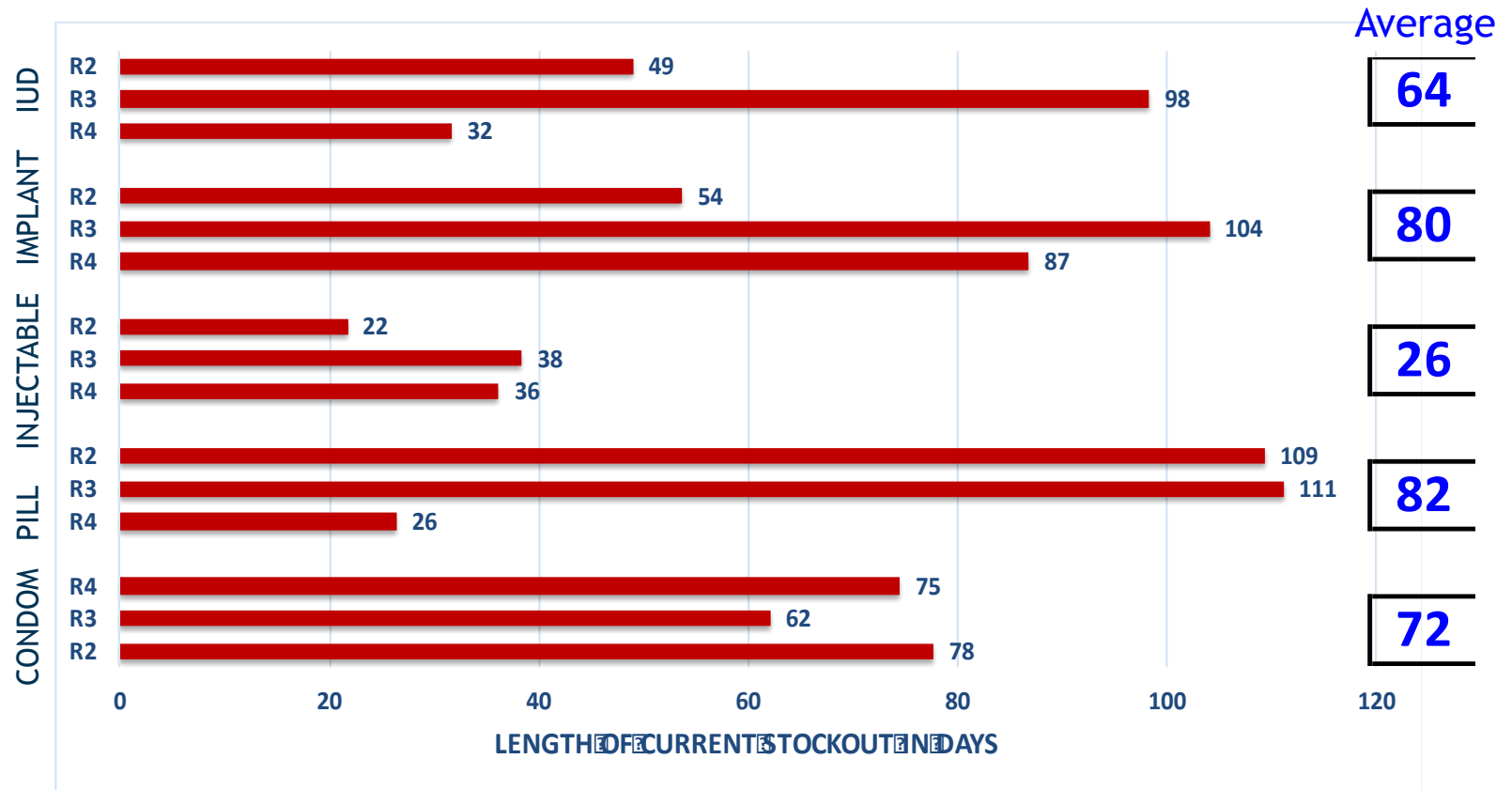


- ✓ High levels of methods offered across all public facilities (only IUDs fall below 90%)
- ✓ Day of observation stock-outs well under 10%, except for injectables in most recent round.
- ✓ 3-month stock-outs higher by 2-3 fold in most cases.
- ✓ When combined, current+3 month stock-outs reach 10% or higher - except IUDs - injectables reach 44% in most recent round.

Stock-outs as a percentage of facilities that offer method

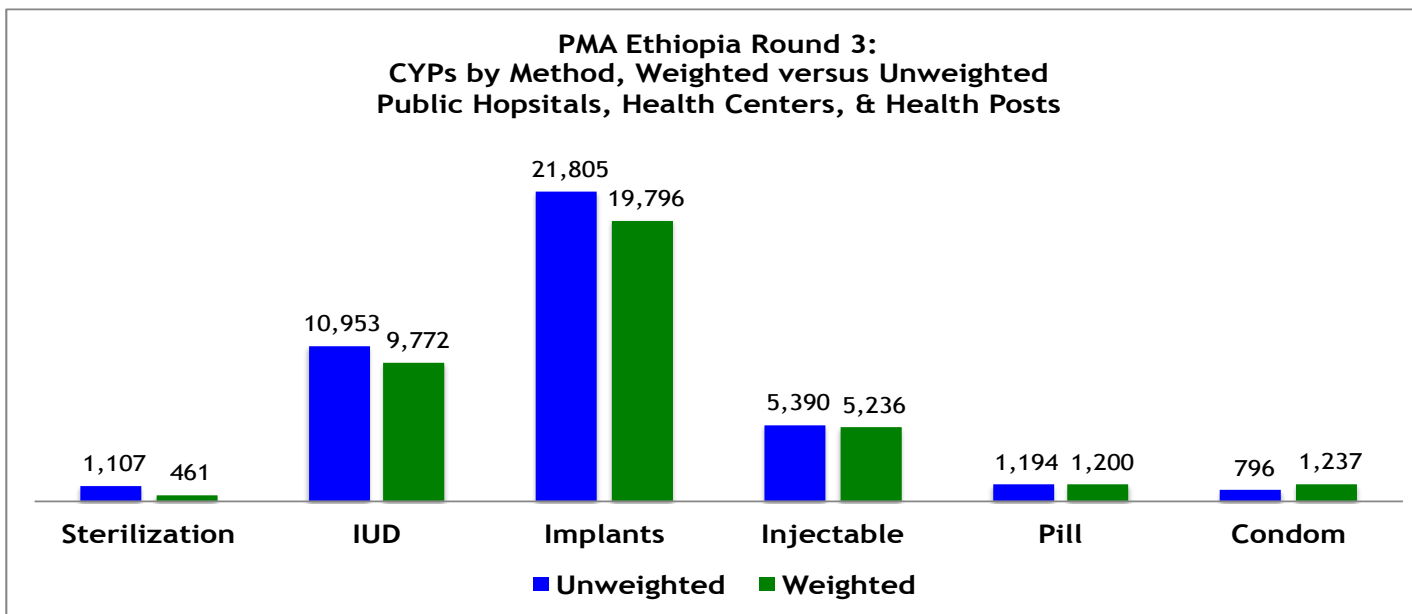
Current	R2	R3	R4	+ Last 3 mos	R2	R3	R4
IUD	1.9	2.7	2.7	IUD	6.6	20.2	4.2
Implant	5.1	2.6	3.3	Implant	15.6	10.8	13.2
Injectable	4.5	2.6	16.2	Injectable	14.3	11.4	39.6
Pill	7.0	4.1	7.8	Pill	18.4	14.0	17.7
Condom	3.7	3.8	5.3	Condom	9.0	7.9	9.3

Average Duration of Current Stockout by Method, Public Sector



- average stock-out duration across all methods are higher in public (65) than private sector (35).

How PMA2020 estimates change when weighted by national facility distribution...



CYPs among Public Hospitals, Health Centers, & Health Posts

Method	Unweighted			
	Hospital	Health Center	Health Post	Total
Sterilization	1,069	37	-	1,107
IUD	1,720	9,232	-	10,953
Implants	4,945	15,690	1,170	21,805
Injectable	1,075	3,648	667	5,390
Pill	203	883	107	1,194
Condom	81	670	45	796
TOTAL	9,094	30,161	1,990	41,244

Method	Weighted			
	Hospital	Health Center	Health Post	Total
Sterilization	433	28	-	461
IUD	1,416	8,356	-	9,772
Implants	3,301	15,200	1,295	19,796
Injectable	1,219	3,192	826	5,236
Pill	431	664	105	1,200
Condom	371	833	32	1,237
TOTAL	7,171	28,273	2,258	37,702



Advances

- *Adjusting PMA2020 estimates to reflect national SDP distribution*
- *Triangulation with HMIS and other data collection*
- *Geospatial analysis*
- *Extending data collection to program intervention sites*
- *Continued performance tracking (availability, stock-outs, uptake)*

Thank you

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