

Data and Data Tools for real-time informed decision making

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jhpiego.org

Johns Hopkins University Affiliate



Content

- Context in Mozambique
- Tools for VMMC program monitoring
 - › Daily
 - › Weekly
 - › Monthly/Quarterly/Annually
- Lessons Learned

Context in Mozambique

- During PY2 (October 2016 – September 2017)
 - › Corrective action required for PY3

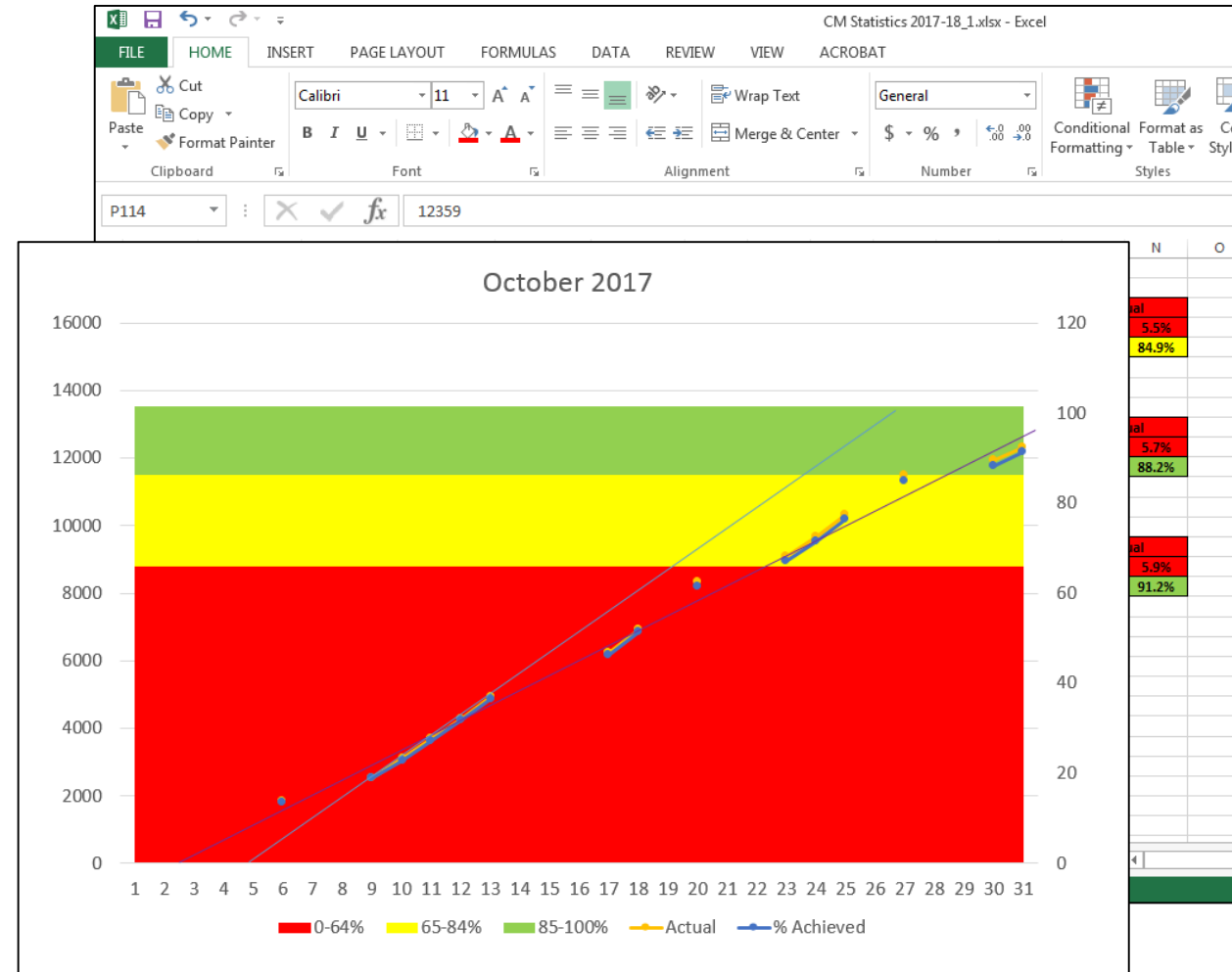
- During PY3 (October 2017 – September 2018)
 - › Concern during the PY2 year regarding the productivity resulted in intense program re-adjustments
 - › Service coverage was modeled based on August 2015 during a peak period in Jhpiego to replicate the service coverage during that time
 - › Campaigns were also launched in each province

PY2 (Oct 2016 – Sep 2017)	
Target	239,872
Achieved	141,483
Increase from prior year	0.41%

PY3 (Oct 2017 – Sep 2018)	
Target	208,024
Achieved	179,337
Increase from prior year	26.76%

Daily Tools – Provincial Level

- Daily account of MC emailed
 - › Daily Log
 - › Monthly Projection mapping
- Benefit
 - › Allows for early projections for progress towards monthly targets for early course correction
- Managed
 - › Director to Coordinator Levels



Daily Tools - Provider Level

Updated at the Provincial Level by:

- M&E
- Coordinator

Benefit

- Assists the coordinator in supporting sites that require help to improve expected productivity

Managed

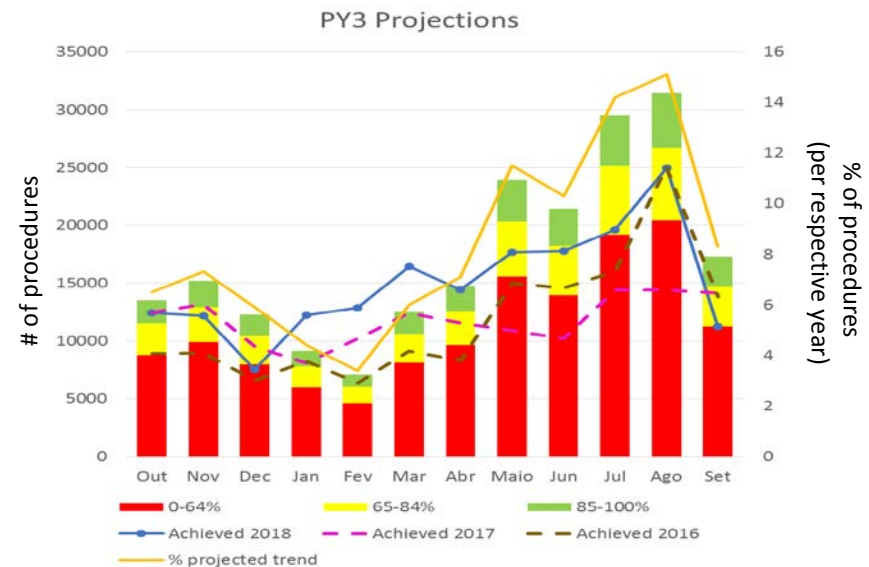
- Provincial Coordinator
- Report to National Coordinator and Project Director

Dia	Sitio (Fizo/ Mobile/ Temp)	Provincia	Local (e Distrito)	Provedor (Nome)	Total										
					Sitio (Fizo/ Mobile/ Temp)	Local (e Distrito)	procedimento	% Produtividade	Trabalhou ? (1=Sim, 0=Nao)	Comments (precisa para todos baixo de 65% ou acima de 100%; recomendado para os de 65-84%)	complicações			Comments (precisa para todos complicações)	
											Lev	Mo	Se		
Total							2918	51%	355			3	2	0	
Dia	Sitio (Fizo/ Mobile/ Temp)	Provincia	Local (e Distrito)	Provedor (Nome)	Total										
					Sitio (Fizo/ Mobile/ Temp)	Local (e Distrito)	procedimento	% Produtividade	Trabalhou ? (1=Sim, 0=Nao)	Comments (precisa para todos baixo de 65% ou acima de 100%; recomendado para os de 65-84%)	complicações			Comments (precisa para todos complicações)	
											Lev	Mo	Se		
Agosto 2018	Fixo	Maputo Proviri	CS. Matola 1	Lil	Fixo	UM. CS. Namaach	285	86%	22			0	1	1	
	Fixo	Maputo Proviri	CS.	Be	Fixo	CS. Ndlavela/Mat	271	75%	24			0	0	0	
	Fixo	Maputo Proviri	CS.	M	Fixo	CS. Ndlavela/Mat	265	77%	23			0	0	1	
	Fixo	Maputo Proviri	HGJM/CS.	Sa	Fixo	HG. Mavalane/Ka	261	70%	25			1	1	0	
	Fixo	Maputo Proviri	CS.	Ul	Fixo	CS. Matola Gar/M	366	102%	24			0	1	0	
	Fixo	Maputo Proviri	HG.	Ze	Fixo	HG. Mavalane/Ka	96	71%	9			0	0	0	
	UMI	Maputo Proviri	CS.	Fi	UMI	CS. Boquissor/Ma	324	94%	23			0	0	0	
	Fixo	Maputo Proviri	CS. Matola 2/	Pa	Fixo	CS. Matola 2/ Ma	472	131%	24			2	1	0	
	Fixo	Maputo Ciudad	CS.	Ol	Fixo	HG. Mavalane/Ka	265	77%	23			0	0	0	
	Fixo	Maputo Proviri	CS. Matola 2/	Ind	Fixo	CS. Manhica	290	88%	22			0	0	0	
	UMI	Maputo Proviri	UT. Muhalaze/	Gu	UMI	UT. Muhalaze/Ma	336	93%	24			0	1	0	
	UMI	Maputo Proviri	CS. Ndlavela/	Du	UMI	CS. Ndlavela/Ma	295	60%	33			0	0	2	
	UMI	Maputo Ciudad	CS.	Ca	UMI	HPI	240	73%	22			0	0	0	
	Temp	Maputo Ciudad	CS. Matola 2	Ma	Temp	HG. Mavalane/Ka	287	80%	24			0	0	0	
	Fixo	Maputo Proviri	CS. Sao	Cl	Fixo	CS. Sao Damansc	356	108%	22			0	0	0	
	Fixo	Maputo Proviri	CS. Matola 2/	Ar	Fixo	CS. Matola 2/ Ma	315	111%	19			1	2	0	
	Fixo	Maputo Proviri	CS. Machava 2	Isa	Fixo	CS. Machava 2/ M	335	97%	23			0	0	0	
	Fixo	Maputo Proviri	CS. Ndlavela	M	Fixo	CS. Ndlavela	4	9%	3			0	1	0	
	Fixo	Maputo Provincia		Fe	Fixo	HG. Mavalane/Ka	37	41%	6			0	0	0	
	Fixo	Maputo Proviri	CS. Ndlavela/	En	Fixo	CS. Ndlavela/Ma	84	51%	11			0	0	0	
Fixo	Maputo Provincia		Ca	Fixo	CS. Machava 2/ M	25	19%	9			0	0	1		
Fixo	Maputo Proviri	CS. Ndlavela	He		CS. Ndlavela/Ma	15	50%	2			0	0	0		
Fixo	Maputo Provincia		De	Fixo	HG. Mavalane/Ka	27	60%	3			0	0	0		
Fixo	Maputo Proviri	CS. Matola 2/	Jo	Fixo	CS. Machava 2/ M	8	53%	1			0	1	0		

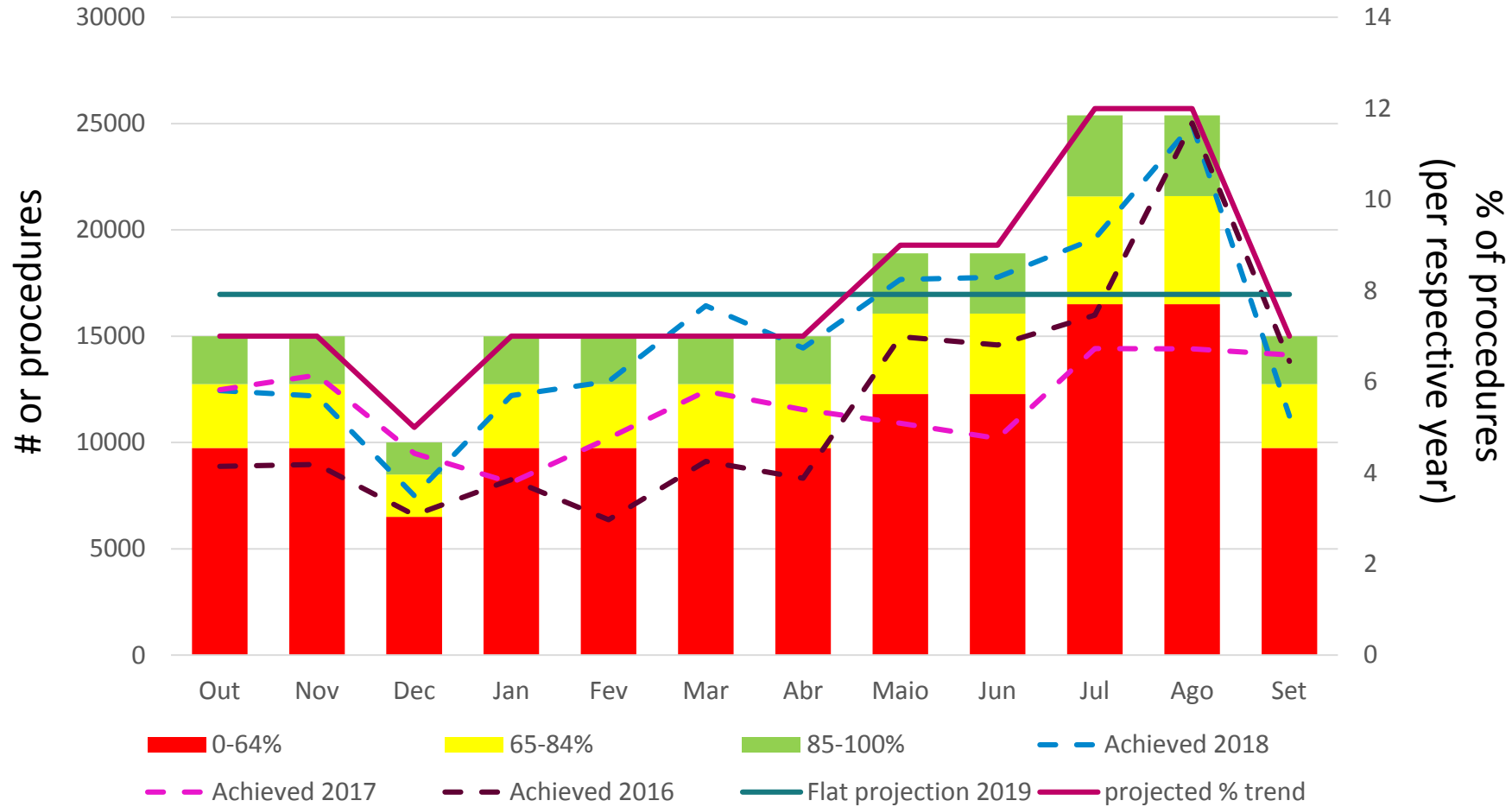
Monthly/Quarterly/Annual Tools

- Monthly aggregated data nationally
 - › Also broken to provincial level
 - › Allows for macros level monitoring
- Benefit:
 - › Global impression respective to the annual target
- Managed:
 - › Coordinator and Project Director

Month+	Projections by Month, by %			Achieved	% Achieved	% difference PY2	Quarter
	100	85	65				
October	13522	11494	8789	12445	92.00%	-1.00%	32124 (78.4%)
November	15186	12908	9871	12182	80.21%	-7.70%	
December	12273	10432	7977	7497	61.09%	-20.82%	
January	9153	7780	5949	12208	133.4%	+50.53%	41514 (144.6%)
February	7073	6012	4597	12874	182.0%	+26.07%	
March	12481	10609	8113	16432	132.7%	+32.29%	
April	14770	12555	9601	14452	97.8%	+25.17%	49900 (83%)
May	23923	20335	15550	17674	74.0%	+62.23%	
June	21426	18212	13927	17774	82.8%	+74.00%	
July	29539	25108	19200	19591	66.3%	+35.88%	55799 (71.3%)
August	31412	26700	20418	24966	79.5%	+76.75%	
September	17266	14676	11223	11242	65.1%	-20.41%	
Totals	208024	176821	135215	179337	86.2%	+26.76%	86.2%



Historical Trend Data since COP 2015 – 2017, with Projection for COP 2018



Lessons Learned

- Time is precious, use it wisely
- Data is crucial to making the right decision at the right time
- Data quality must be fundamental with appropriate supervision visits to the field and conducting technical audits
- Campaigns contributed 20% of the annual target in districts where this activity took place
 - › Yield is higher in the peak demand season
- Communication is key to action
 - › Must be a 2-way street
- Close communication with the donor strengthens the partnership to better share ideas and realize improvements

Obrigado

