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# *Findings & Recommendations for IPC in lower-level PFPs in KCCA.*

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# Background

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- Ebola outbreak declared in Sept 2022 in Uganda with Mubende as the epicentre. Index Case in Kampala Oct 2022.
- Structured Ebola response in pillars.
- Early involvement of the private sector.
- 98% of health facilities in KCCA are private-for-profit: majority 94% being lower-level health facilities – Health Centre IIs.
- Uganda declared Ebola free in January 2023. MOH/KCCA developed recovery 180-day recovery plans with set priorities for the recovery period.
- USAID/MCHN supported KCCA's Ebola outbreak and post recovery plans in the IPC sub-pillar.
- USAID/MCHN intervened at HC IIs, Drug Shops, and Alternative Medical Providers

# IPC Interventions

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## Ebola Response

- IPC assessments and mentorships.
- Catalytic IPC supplies.
- Geo-mapping of facilities.
- Capacity building through Trainings, CMEs (Virtual and on-site)

## Post Recovery

- Targeted post outbreak/follow-on IPC assessments.
- Advocacy meetings.
- Continuous and sustained CMEs and creating IPC communities of Practice.

# IPC Processes

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## Tools used

- MOH IPC Scorecard
- EVD mapping tool
- Daily Summary form

## Field processes

- Rapport.
- Appointment Scheduling.
- Assessments as per scorecard with development of IPC improvement plans
- Twinning with KCCA IPC structures for joint assessments & mentorships.
- Joint assessments with other IPs
- Daily data submission & analysis.
- Data cleaning.



# IPC Assessments

HC IIs/Clinics



# Baseline IPC assessment scores for 2137 lower-level PFP HCIs /Clinics , by KCCA Division, Feb 2023

Intervention Area	Central	Kawempe	Makindye	Nakawa	Rubaga	Average
IPC leadership during EVD outbreak	42%	34%	51%	41%	31%	40%
Staff Training	34%	29%	30%	33%	16%	28%
Screening Capacity	26%	38%	35%	36%	21%	31%
Holding Capacity	9%	11%	10%	17%	5%	10%
Hand Hygiene/ Functional Hand Hygiene Facilities	50%	50%	50%	56%	36%	48%
Personal Protective Equipment (PPE)	14%	4%	8%	7%	3%	7%
Injection Safety	87%	88%	92%	88%	77%	86%
Environmental Cleaning and Disinfection	33%	31%	35%	33%	26%	32%
Decontamination medical equipment and devices	64%	47%	53%	55%	47%	53%
Inpatient Surveillance and Management	14%	22%	20%	28%	11%	19%
Health Worker post Exposure Management	33%	24%	20%	23%	11%	22%
Bed Occupancy, Hygiene and Sanitation	55%	59%	52%	60%	55%	56%
Water Supply and Storage	85%	82%	67%	81%	71%	77%
Waste Segregation	70%	53%	59%	64%	44%	58%
Waste Elimination	56%	60%	60%	61%	50%	57%
<b>Average</b>	<b>45%</b>	<b>42%</b>	<b>43%</b>	<b>45%</b>	<b>34%</b>	<b>42%</b>

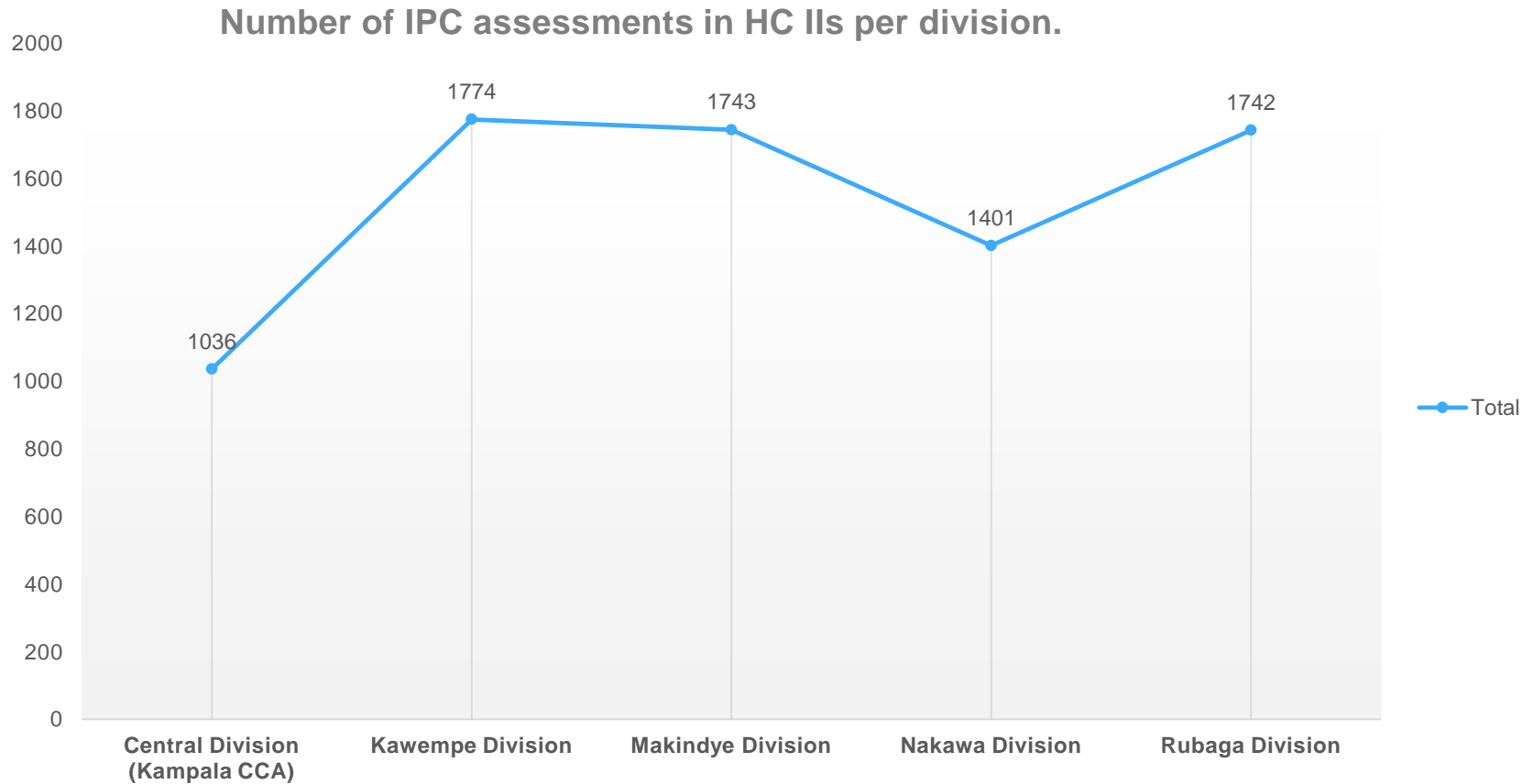
## Observations

- Average IPC readiness score for all assessed was 42% for HCIs**
- PPEs grossly inadequate and lacking at 7%**
- Holding Capacity at a dismal 11%**

**High risk of accelerated infection transmission in the context of public health emergencies**



# Follow IPC assessments for lower-level PFP HCIIs /Clinics , by KCCA Division, June 2023

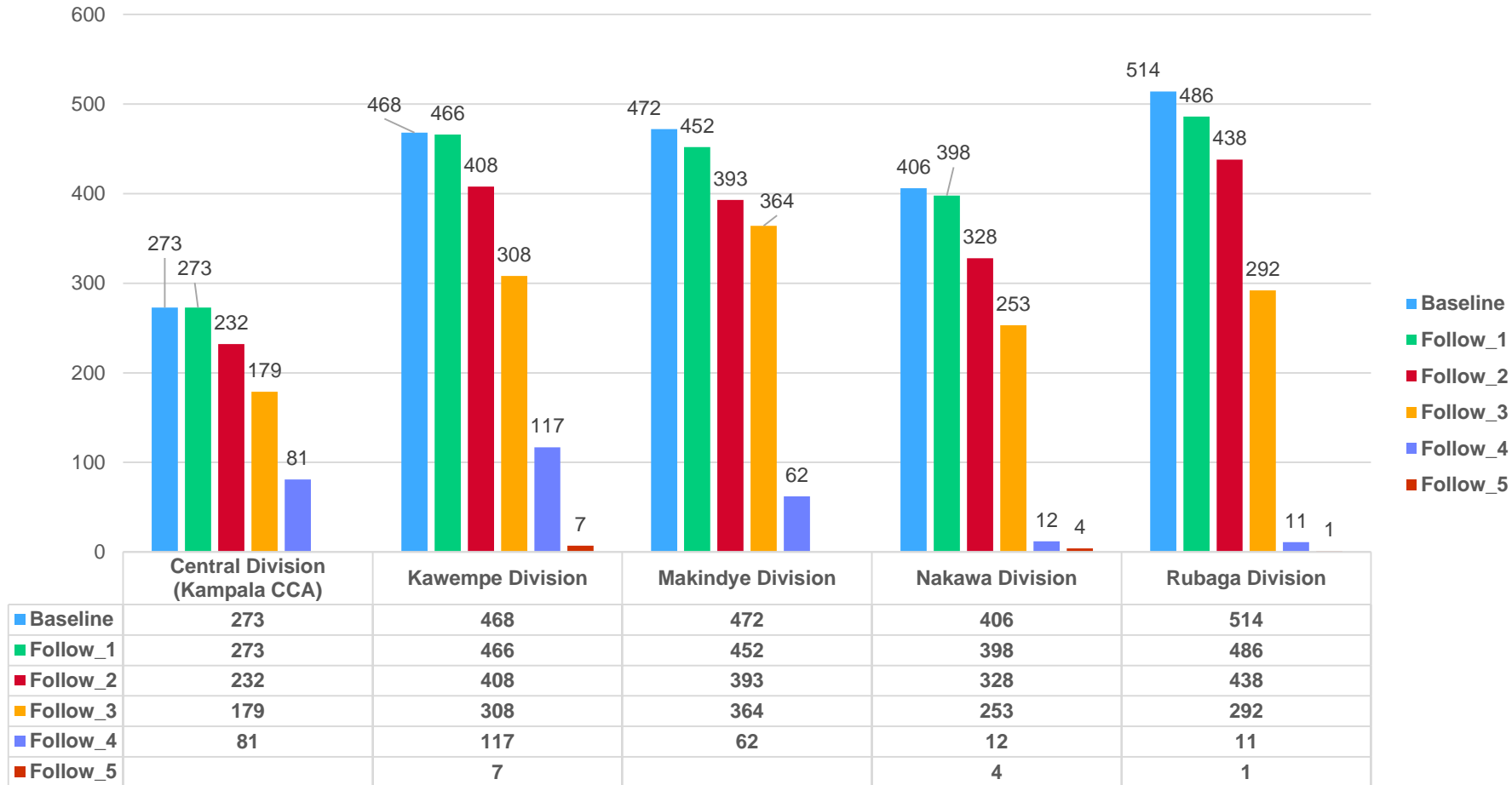


## Observations

- 1. 7696 Total IPC post-outbreak assessments in KCCA.**
- 2. 2-3 follow-on IPC assessments per facility.**

# Follow IPC assessments lower-level PFP HCIIs /Clinics , by KCCA Division, June 2023

Baseline and Follow ups conducted per division for HC IIs, June 2023



## Observations

1. Data-driven exercise.
2. Decreasing subsequent follow-on IPC assessments ->> Improvement in IPC scores.



# Summary Follow on IPC assessment scores for 2137 lower-level PFP HCIs /Clinics , by KCCA Division, June 2023

CLINICS/HC Is	Central	Kawempe	Makindye	Nakawa	Rubaga	KCCA
Intervention area	Follow on	Follow on	Follow on	Follow on	Follow on	Follow on
01. IPC leadership during the EVD outbreak score	92%	94%	93%	93%	94%	93%
02. Staff training score	89%	89%	88%	89%	87%	89%
03. Screening capacity score	73%	75%	73%	73%	72%	73%
04. Isolation capacity score	46%	48%	48%	46%	46%	47%
05. Hand washing/hand washing facilities score	94%	94%	94%	94%	94%	94%
06. Personal Protective Equipment (PPE) score	20%	22%	20%	18%	21%	20%
07. Injection safety score	98%	98%	99%	99%	99%	99%
08. Environmental cleaning and disinfection score	72%	71%	72%	71%	69%	71%
09. Decontamination of medical equipment and devices score	65%	63%	65%	67%	67%	65%
10. Inpatient surveillance and management score	53%	53%	49%	50%	52%	51%
11. Health worker post exposure management score	85%	87%	85%	85%	83%	85%
12. Bed occupancy, Hygiene, and Sanitation score	79%	77%	77%	79%	76%	78%
13. Water supply and storage score	92%	92%	91%	93%	90%	92%
14. Waste segregation score	85%	85%	86%	88%	84%	86%
15. Waste elimination score	70%	69%	69%	68%	70%	69%
Average IPC score	74%	75%	74%	74%	74%	74%

## Observations

1. Overall IPC score improvement from 42% to 74% for HCIs
2. Improvements across most IPC scorecard elements.
3. PPEs and holding capacity still lagging.
4. Most improvements in leadership and staff training.



# IPC Assessments

Drug Shops



# Baseline IPC assessment scores for 437 lower-level PFP Drug Shops , by KCCA Division, Feb 2023

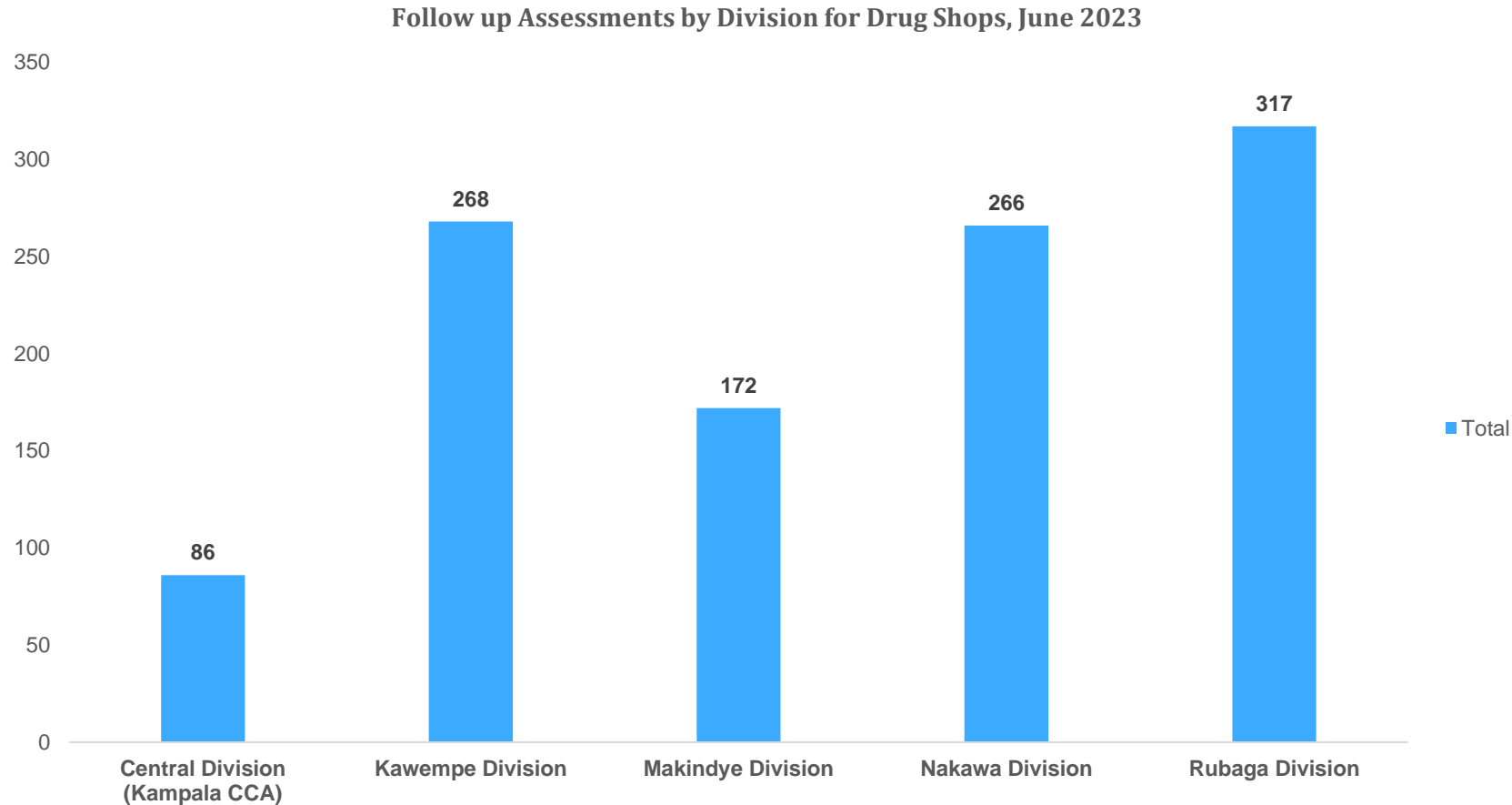
Intervention Area	Central	Kawempe	Makindye	Nakawa	Rubaga	Average
IPC management and leadership at the Pharmacy/Drugstore	61%	40%	65%	64%	41%	54%
Staff training	14%	11%	24%	10%	2%	12%
Screening capacity	13%	24%	32%	21%	21%	22%
Holding area	8%	17%	27%	9%	12%	15%
Hand washing/functional hand washing facilities	18%	34%	32%	36%	24%	29%
Personal Protective Equipment (PPE)	0%	0%	1%	1%	0%	1%
injection Safety	40%	32%	39%	36%	18%	33%
Environmental cleaning and disinfection	7%	11%	18%	10%	7%	11%
Post-exposure management of staff	7%	12%	16%	9%	7%	10%
Waste Management	19%	20%	28%	22%	15%	21%

## Observations

1. Average IPC readiness score for all assessed was 21% for Drug Shops.
2. PPEs grossly inadequate and lacking at 1%
3. Post-exposure management of staff dismal at 10%

**High risk of accelerated infection transmission among Health care workers**

# Follow IPC assessments for Drug Shops , by KCCA Division, June 2023

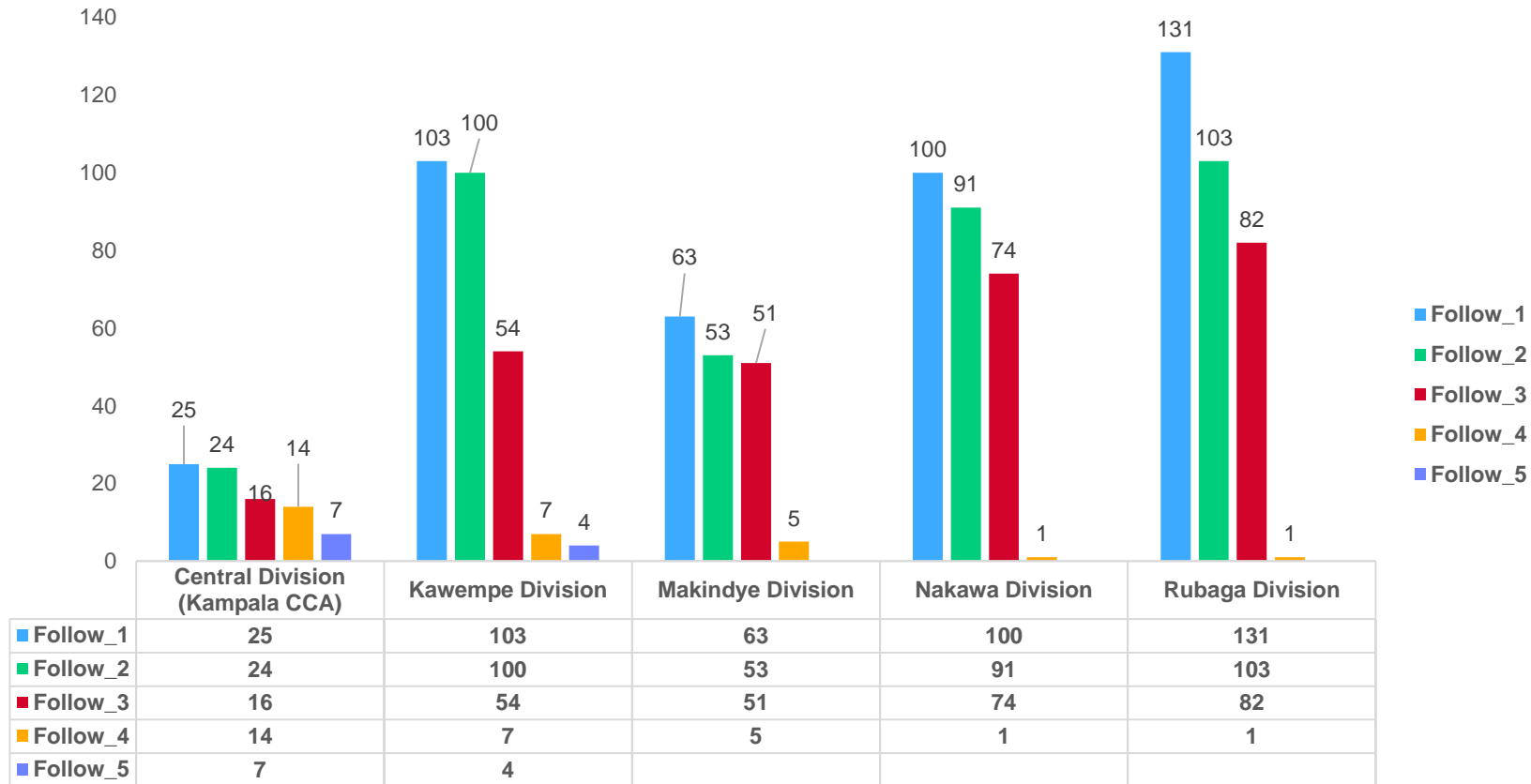


## Observations

- 1. 1109 Total Follow-on IPC assessments for Drug Shops in KCCA.
- 1. On average 2-3 follow on assessments for Drug Shops.

# Follow on IPC assessments for Drug Shops , by KCCA Division, June 2023

Assessments by type in Drug Shops, June 2023



## Observations

1. Decreasing subsequent follow-on IPC assessments.
2. Data-driven exercise.

# Summary Follow-on IPC assessment scores for 437 lower-level PFP Drug Shops , by KCCA Division, June 2023

DRUGSHOPS	Central	Kawempe	Makindye	Nakawa	Rubaga	KCCA
Intervention area	Follow on	Follow On	Follow On	Follow On	Follow On	Follow On
IPC leadership	100%	99%	100%	98%	98%	99%
Staff training	90%	74%	88%	83%	72%	81%
Screening capacity	57%	66%	73%	64%	61%	64%
Holding area	74%	87%	84%	94%	90%	86%
Hand washing/functional hand washing facilities	90%	85%	80%	92%	86%	87%
Personal Protective Equipment (PPE)	24%	1%	4%	6%	9%	9%
injection Safety	50%	59%	55%	48%	53%	53%
Environmental cleaning and disinfection	77%	78%	73%	81%	80%	78%
Post-exposure management of staff	70%	56%	53%	87%	71%	67%
Waste Management	78%	66%	75%	85%	55%	72%
Average score by Division	71%	67%	69%	74%	68%	70%

## Observations

1. Overall improved IPC scores for all assessed for Drug Shops from 21% to 70%.
2. Improvement across most IPC scorecard elements.
3. PPE use still dismal.



# IPC Assessments

Overall Summary for both HC IIs and Drug Shops



# Summary Performance, Baseline Vs Latest Follow-on IPC assessments, June 2023

Performance For Clinics / HC II - at Baseline				
Division	Poorly Performance (<50%)	Average Performance (>50% & <80%)	Good Performance (>80%)	Total Sites Assessed
Central	153	109	7	269
Kawempe	304	167	9	480
Makindye	279	164	13	456
Nakawa	232	169	14	415
Rubaga	414	92	6	512
<b>Total</b>	<b>1382(64.5%)</b>	<b>701(32.9)</b>	<b>49(2.3%)</b>	<b>2132</b>



IPC scores as of June 2023: Health Center IIs				
Division	<50%	50-79%	80+	Total
Central	11	66	196	273
Kawempe	54	186	226	466
Makindye	31	278	165	474
Nakawa	16	103	288	407
Rubaga	48	240	226	514
<b>Total</b>	<b>160(7.5%)</b>	<b>873(41%)</b>	<b>1,101(51.5%)</b>	<b>2,134</b>

Performance For Drug shops - at Baseline				
Division	Poorly Performance (<50%)	Average Performance (>50% & <80%)	Good Performance (>80%)	Sites Assessed
Central	27	1	0	28
Kawempe	109	10	0	119
Makindye	62	13	0	75
Nakawa	90	2	0	92
Rubaga	119	4	0	123
<b>Total</b>	<b>407(93%)</b>	<b>30(6.9%)</b>	<b>0</b>	<b>437</b>



IPC scores as of June 2023: Drug Shops				
Division	<50%	50-79%	80+	Total
Central	3	18	9	30
Kawempe	11	59	49	119
Makindye	15	33	29	77
Nakawa	6	23	64	93
Rubaga	25	64	34	123
<b>Total</b>	<b>60(13.6%)</b>	<b>197(44.5%)</b>	<b>185(41.9%)</b>	<b>442</b>





# IPC Recommendations



# Recommendations for IPC in lower-level PFPs in KCCA



Institutionalize IPC at all levels beginning @ facility and cluster levels.



Involvement of non-health stakeholders/leaders in IPC advocacy.



Strategic collaborations for IPC in lower-level PFPs.



Link annual operational license renewal to IPC performance.

# Recommendations for IPC in lower-level PFPs in KCCA



Strategic partnerships for reliable IPC supplies.



Contextualized IPC assessment tools for lower-level PFPs.



Healthy competition, recognition, and rewards for good IPC performance



Ongoing/Continuous capacity building in IPC – CMES, Support Supervision, Communities of practice, peer-peer mentorships.

# Way forward/ Next steps

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- Knowledge Management:  
Private sector tool kit for IPC.
- IPC local management system  
for sustainability.
- Mindset Change.





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# Thank You!

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