

# **DISTRICT LED QUALITY IMPROVEMENT FOR SUSTAINED QUALITY HEALTH INDICATORS IN KIRUHURA DISTRICT**

**BY DR KAMYA DAVID IVAN)  
(DHO- KIRUHURA)**

**PRESENTED AT 6<sup>TH</sup> ANNUAL JOINT PERFORMANCE REVIEW  
MEETING**

**12<sup>TH</sup> Sep 2024**

**At DISTRICT COUNCIL HALL**

# CONTEXTUAL BACKGROUND

- ❑ Kiruhura district is located in the cattle corridor of SW Uganda, bordering Kazo, Mbarara, Lyantode, Isingiro, Mubende and Sembabule district
- ❑ As of 2024, population is projected at 205,300 and sparsely populated
- ❑ 4 years ago Kiruhura district gave birth to Kazo district
- ❑ Kiruhura district has 11 Subcounties and 3 town councils
- ❑ By 2010 the new Kiruhura had only 3 functional maternities, one government, 1 PNFP and one private and none functional HCIV
- ❑ There was no functional theaters at Kiruhura HCIV by 2010. This has since been operationalized and is fully functional.
- ❑ The greater Kiruhura had only one ART site at Rushere community hospital. As of now all HC3s have been accredited.
- ❑ Low staffing levels: by 2010 the staffing for Kiruhura District was 21%, This has since improved to 83% as of Nov 2022
- ❑ By 2010 maternal deliveries were at 12%, as of June 2023 has risen to 103.8% BY JUNE 2024

# INTERVENTIONS

## QUALITY IMPROVEMENT INTERVENTIONS AND MONITORING AND EVALUATION

- ❖ District led continuous quality improvement interventions that are partner supported, supervised and owned by DHO, DHT members and Health Facility in-charges are more effective and produce sustainable results
- ❖ Weekly performance analysis in all targeted DLT indicators for both the District and individual Health facilities by District QI team and performance feedback shared to all QIC members and timely Action taken towards improvement
- ❖ Targeted QI coaching and mentorship in all facilities focusing on application of PDSA, performance monitoring and submission of weekly performance to DHO
- ❖ Target setting to critical staff , created whatsapp platform for weekly monitoring.
- ❖ Enhanced awareness, empowerment and participation using LC1 chairpersons , LC3 and VHT system for acceptance of immunization programs

## INFRASTRUCTURE INTERVENTIONS

- ❖ Functionalized the HCIV Kiruhura
- ❖ Extended HAART centers to every HCIII in the District
- ❖ Solar installation done in 8 HCIIIS and still ongoing in other maternity wards
- ❖ Upgrading of six (6) HCII to HCIII status. Whereby five (5) were under Uganda inter-governmental Fiscal Transfer for Results (UGIFT) program and one (1) Rurambiira HC II was under Transitional Development grant. This enabled construction of Maternity homes. Four (4) were completed by close of last Financial Year, while 2 are in final stages, to be completed

# INTERVENTIONS CONT...

## INFRASTRUCTURE INTERVENTION CONT....

- ❖ The 6 Completed and handed over Facilities (KITURA HC III, RURAMBIRA HC III, RWESHANDE HC III, NSHWERE HC III, RWABARATA HC III and RWETAMU HC III)

## Human Resource Management

- ❑ Ensuring attendance to duty by staff and health facility in charges action taken on absent health workers from duty
- ❑ Involving health sector indicators in annual staff appraisals

## HEALTH SECTOR PERFORMANCE PROGRESS FOR KEY LEAGUE TABLE INDICATORS

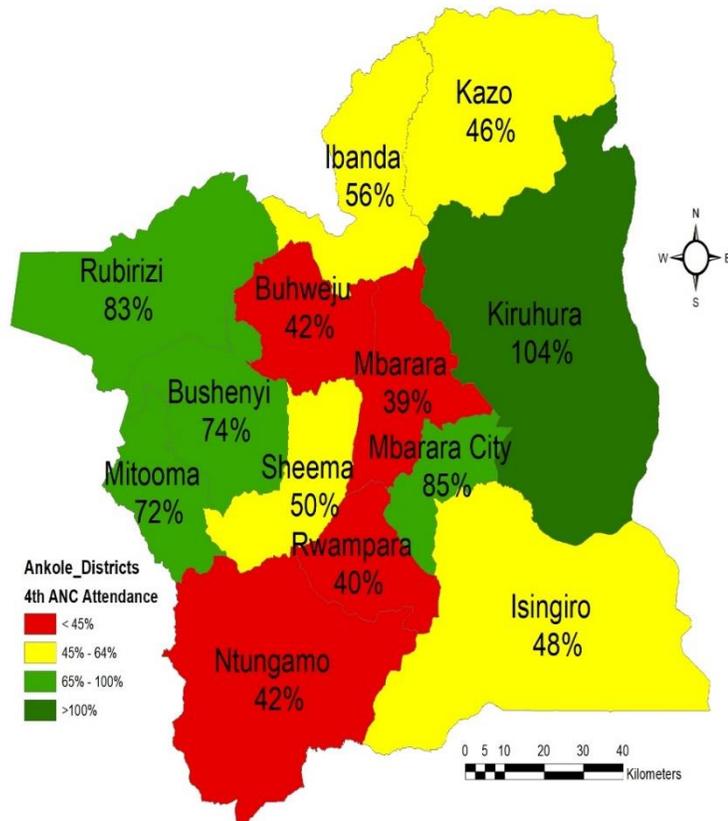
SNO	INDICATOR NAME	DOMAIN	DISTRICT TARGETS FY 2023/2024	FY 2018/2019 ACHIEVED	FY 2019/2020 ACHIEVED	FY 2020/2021 ACHIEVED	FY 2021/2022 ACHIEVED	FY 2022/2023 ACHIEVED	FY 2023/2024 ACHIEVED	DATA SOURCE
1	APPROVED POSTS IN PUBLIC HEALTH FACILITIES FILLED (%)	HR	78%	50%	56%	62%	72%	80%	24%	HRH SYSTEM
2	DPT3 HibHeb3 COVERAGE (%)	SERVICE DELIVERY	100%	92%	105%	99%	102%	108%	114%	DHIS-2 (105)
3	TB CASE NOTIFICATION RATE PER 100,000		100%	52%	26%	51%	75%	129%	200%	DHIS-2 (105)
4	IPT 3 COVERAGE FOR PREGNANT WOMEN (%)		96%	25%	28%	45%	65%	87%	112%	DHIS-2 (105)
5	ANC 4 COVERAGE (%)		100%	60%	55%	62%	72%	83%	104%	DHIS-2 (105)
6	ANNUAL HEALTH FACILITY DELIVERIES (%)		100%	62%	54%	63%	70%	89%	103%	DHIS-2 (105)
7	UNDER FIVE VITAMIN A SECOND DOSE COVERAGE (%)		90%	21%	18%	51%	106%	135%	210%	DHIS-2 (105)
8	PREGNANT WOMEN TESTED FOR HIV DURING THE CURRENT PREGNANCY		100%	99%	84%	83%	92%	99%	110%	DHIS-2 (105)
9	UNDER FIVE DEWORMED COVERAGE (%)		100%	33%	30%	48%	104%	147%	170%	DHIS-2 (105)
10	ART VIRAL LOAD SUPPRESSION RATE (%)	QUALITY	95%	80%	85%	57%	83%	82%	83%	DHIS-2 (105)
11	DPT 1 TO MEASLES RUBELLA DROP OUT RATE (%)		0%	12%	2%	5.00%	5%	-6%	1.6%	DHIS-2 (105)
12	MATERNAL DEATH REVIEWED (%)		100%	100%	100%	67%	100%	100%	100%	DHIS-2 (105)
13	PERINATAL DEATHS REVIEWED (%)		100%	3%	48%	82%	100%	100%	100%	DHIS-2 (105)
14	LG ASSESSMENT SCORE (%)	MANAGEMENT	95%	67%	68%	98%	47%	92%	87%	OTIMS
15	COMPLETENESS OF VHT/ICCM QUARTERLY REPORTS (%)	REPORTING	100%	53%	44%	100%	100%	100%	100%	DHIS-2 (105)

DISTRICT LEAGUE TABLE FY 2023/2024																															
DISTRICT	Total Population (UBOS 2023)	Coverage (40%)														Quality (30%)								Community Health (10%)				Management		Summary	
		DPT 3		TB Case Notification Rate/100000		IPT3 Cov (%)		ANC 4 Cov (%)		Deliveries (%)		Under-five Vitamin A second dose cov (%)		Proportion of pregnant women tested for HIV during the current pregnancy		ART Viral Suppression Rate (%)		DPT1 to Measles Rubella Drop Out Rate (%)		Maternal deaths reviewed (%)		Perinatal death reviewed (%)		VHT/ICCM quarterly reports rate (%)		Proportion of under 5 dewormed in the last 6 months		LG Performance Assessment Score (%)		Total Score	Subcounty Score
		%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score		
			5.0		5.0		10.0		5.0		10.0		5.0		5.0		10.0		10.0		5.0		5.0		5.0		5.0		5.0		5.0
Kiruhura	205,300	114.1	5.0	200.2	5.0	112.6	10.0	104.4	5.0	103.8	10.0	210.7	5.0	110.4	5.0	83.0	8.3	1.6	9.0	100.0	5.0	100.0	5.0	100.0	5.0	170.4	5.0	87.0	4.4	96.3%	1
Bushenyi	254,200	94.1	4.7	210.1	5.0	61.4	6.1	74.0	3.7	98.8	9.9	109.4	5.0	90.4	4.5	86.8	8.7	5.7	6.6	175.0	5.0	62.3	3.1	96.0	4.8	83.9	4.2	81.0	4.1	83.8%	2
Mbarara City	234,700	105.5	5.0	447.0	5.0	87.8	8.8	84.8	4.2	140.4	10.0	99.0	5.0	127.4	5.0	88.1	8.8	16.9	0.0	100.0	5.0	81.2	4.1	100.0	5.0	83.0	4.1	81.0	4.1	82.3%	3
Ibanda	290,900	91.7	4.6	189.8	5.0	67.1	6.7	55.6	2.8	67.7	6.8	126.2	5.0	72.5	3.6	82.2	8.2	7.4	5.6	100.0	5.0	74.9	3.7	100.0	5.0	123.7	5.0	94.0	4.7	79.7%	4
Rubirizi	151,500	95.9	4.8	201.3	5.0	63.8	6.4	82.5	4.1	51.3	5.1	89.3	4.5	70.1	3.5	88.6	8.9	9.2	4.6	.....	5.0	100.0	5.0	100.0	5.0	100.8	5.0	63.0	3.2	77.8%	5
Mitooma	198,900	106.1	5.0	186.0	5.0	56.5	5.7	57.7	2.9	73.0	7.3	94.6	4.7	69.5	3.5	83.1	8.3	10.3	3.9	100.0	5.0	100.0	5.0	98.6	4.9	70.0	3.5	74.0	3.7	76.0%	6
Kazo	240,400	88.6	4.4	119.0	5.0	49.5	4.9	46.0	2.3	44.7	4.5	113.2	5.0	55.6	2.8	84.2	8.4	-0.9	10.0	700.0	5.0	31.8	1.6	91.1	4.6	98.6	4.9	71.0	3.6	74.4%	7
Sheema	226,300	87.1	4.4	245.7	5.0	53.7	5.4	49.9	2.5	87.2	8.7	79.0	4.0	62.2	3.1	49.2	4.9	1.3	9.3	33.3	1.7	63.3	3.2	96.2	4.8	77.3	3.9	63.0	3.2	70.9%	8
Buhweju	156,900	89.1	4.5	176.5	5.0	47.5	4.8	41.9	2.1	43.1	4.3	99.5	5.0	61.8	3.1	84.6	8.5	2.8	8.3	.....	5.0	76.9	3.8	76.0	3.8	68.3	3.4	24.0	1.2	69.7%	9
Ntungamo	569,200	78.8	3.9	154.4	5.0	43.2	4.3	41.0	2.1	65.2	6.5	62.7	3.1	65.3	3.3	80.9	8.1	4.7	7.2	75.0	3.8	90.0	4.5	86.0	4.3	47.2	2.4	47.0	2.4	67.6%	10
Isingiro	805,699	68.8	3.4	120.6	5.0	36.6	3.7	39.5	2.0	50.0	5.0	100.1	5.0	61.9	3.1	75.6	7.6	11.6	3.2	100.0	5.0	88.9	4.4	72.5	3.6	101.9	5.0	94.0	4.7	67.4%	11
Mbarara	179,300	73.2	3.7	185.2	5.0	44.9	4.5	38.9	1.9	43.9	4.4	69.6	3.5	50.6	2.5	79.9	8.0	12.2	2.8	100.0	5.0	87.9	4.4	86.5	4.3	73.7	3.7	79.0	4.0	64.0%	12
Rwampara	153,100	96.2	4.8	363.8	5.0	38.6	3.9	40.0	2.0	38.4	3.8	65.7	3.3	57.8	2.9	81.5	8.2	5.2	7.0	.....	5.0	66.7	3.3	60.0	3.0	49.0	2.5	60.0	3.0	64.0%	13
Ankole	3,666,399	86.6	4.3	193.1	5.0	54.3	5.4	53.9	2.7	68.1	6.8	99.0	4.9	71.8	3.6	79.9	8.0	7.2	5.7	106.6	5.0	79.3	4.0	91.2	4.6	88.0	4.4	80.0	4.0	76.1%	

# Subcounty league table FY 23/24- Kiruhura

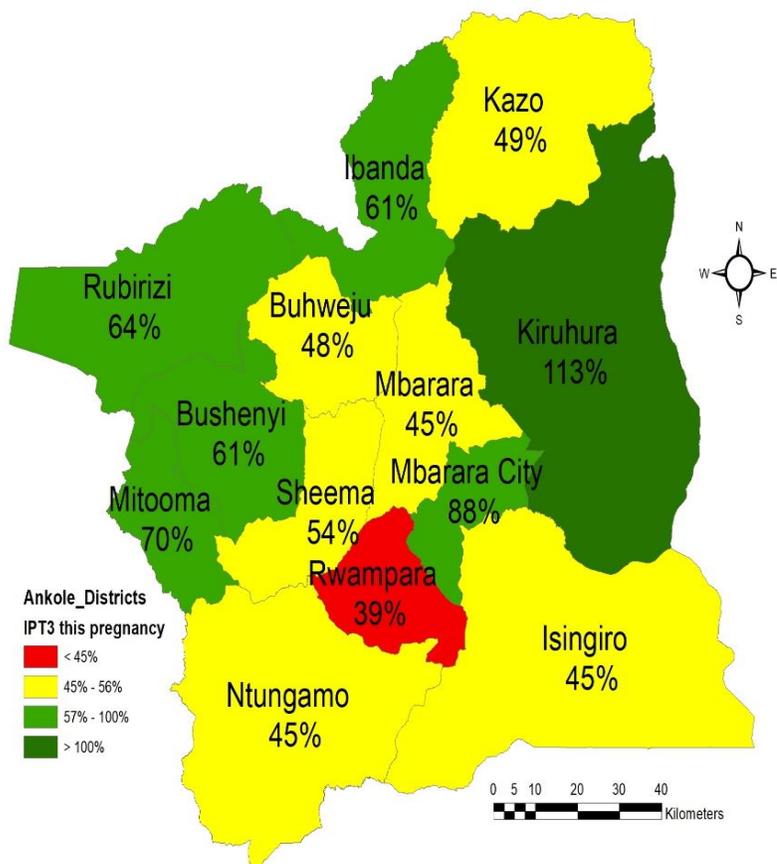
Subcounty	Total Population (UBOS 2023)	Coverage (40%)														Quality (30%)								Community Health (10%)		Summary				
		DPT 3		TB Case Notification Rate/100000		IPT3 Cov (%)		ANC 4 Cov (%)		Deliveries (%)		Under-five Vitamin A second dose cov (%)		Proportion of pregnant women tested for HIV during the current pregnancy		ART Viral Suppression Rate (%)		DPT1 to Measles Rubella Drop Out Rate (%)		Maternal deaths reviewed (%)		Perinatal death reviewed (%)		VHT/CCM quarterly reports rate (%)		Proportion of under 5 deformed in the last 6 months		% Score	Subcounty Ranking	
		%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score	%	Score			
			5.0		5.0		10.0		5.0		10.0		5.0		5.0		10.0		10.0		5.0		5.0		5.0		5.0			
<b>Kiruhura TC</b>	7,600	223.1	5.0	1039.1	5.0	234.2	10.0	193.4	5.0	421.1	10.0	239.4	5.0	219.2	5.0	81.5	8.2	1.6	9.3	100.0	5.0	100.0	5.0	100	5.0	233.9	5.0	97.0%	1	
<b>Rwenshande</b>	7,600	133.7	5.0	434.2	5.0	155.5	10.0	143.9	5.0	156.8	10.0	122.9	5.0	160.5	5.0	73.0	7.3	-12.9	10.0	.....	5.0	100.0	5.0	100	5.0	181.2	5.0	96.8%	2	
<b>Kinoni</b>	13,700	138.9	5.0	270.1	5.0	162.3	10.0	136.6	5.0	136.1	10.0	824.5	5.0	108.0	5.0	87.1	8.7	5.5	7.6	.....	5.0	.....	5.0	100	5.0	512.0	5.0	95.7%	3	
<b>Nyakashashara</b>	22,100	137.0	5.0	162.9	5.0	102.1	10.0	91.5	4.6	90.4	9.0	89.2	4.5	97.1	4.9	83.8	8.4	-3.1	10.0	.....	5.0	.....	5.0	100	5.0	85.7	4.3	94.8%	4	
<b>Kashongi</b>	34,100	104.7	5.0	132.0	5.0	106.0	10.0	100.5	5.0	71.6	7.2	378.8	5.0	114.8	5.0	81.8	8.2	-5.6	10.0	.....	5.0	.....	5.0	100	5.0	336.8	5.0	94.5%	5	
<b>Kikaatsi</b>	18,100	103.2	5.0	226.5	5.0	103.5	10.0	85.0	4.2	91.3	9.1	124.8	5.0	82.7	4.1	78.5	7.9	0.5	9.8	.....	5.0	.....	5.0	100	5.0	91.1	4.6	93.8%	6	
<b>Sanga TC</b>	17,400	103.7	5.0	160.9	5.0	127.8	10.0	134.9	5.0	142.8	10.0	89.1	4.5	119.3	5.0	78.0	7.8	0.7	9.7	.....	5.0	.....	5.0	100	5.0	46.1	2.3	93.3%	7	
<b>Kanyaryeru</b>	5,200	199.0	5.0	153.8	5.0	176.5	10.0	173.1	5.0	175.5	10.0	94.2	4.7	190.0	5.0	87.6	8.8	9.7	5.8	.....	5.0	.....	5.0	100	5.0	98.7	4.9	93.2%	8	
<b>Kitura</b>	21,100	126.9	5.0	80.6	4.0	97.9	9.8	96.5	4.8	69.6	7.0	121.9	5.0	105.7	5.0	84.1	8.4	7.7	6.7	.....	5.0	.....	5.0	100	5.0	148.1	5.0	89.1%	9	
<b>Rushere TC</b>	19,700	109.0	5.0	264.0	5.0	90.6	9.1	96.2	4.8	77.6	7.8	155.5	5.0	134.5	5.0	89.7	9.0	8.4	6.4	.....	5.0	100.0	5.0	100	5.0	71.3	3.6	88.9%	10	
<b>Sanga</b>	9,500	96.0	4.8	94.7	4.7	81.9	8.2	78.1	3.9	112.9	10.0	65.5	3.3	92.8	4.6	55.2	5.5	0.3	9.9	.....	5.0	.....	5.0	100	5.0	69.2	3.5	86.4%	11	
<b>Rwetamu</b>	14,300	66.5	3.3	62.9	3.1	83.6	8.4	69.5	3.5	63.1	6.3	76.0	3.8	77.2	3.9	32.9	3.3	-6.0	10.0	.....	5.0	.....	5.0	100	5.0	68.2	3.4	75.3%	12	
<b>Kenshunga</b>	14,900	54.5	2.7	114.1	5.0	81.6	8.2	73.2	3.7	39.0	3.9	179.3	5.0	54.9	2.7	75.2	7.5	23.3	0.0	.....	5.0	.....	5.0	100	5.0	155.6	5.0	69.1%	13	

# 4<sup>th</sup> ANC Attendance (%)



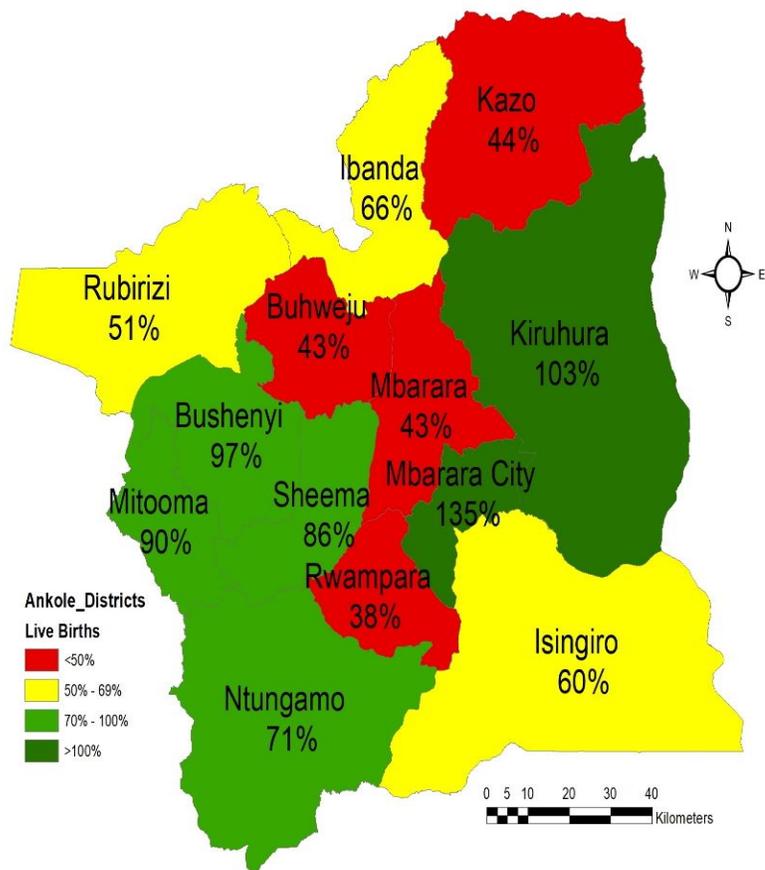
District	Jul to Sep 2023			Oct to Dec 2023			Jan to Mar 2024			Apr to Jun 2024		
	Expected Pregnancies	4th ANC	4th ANC Coverage (%)	Expected Pregnancies	4th ANC	4th ANC Coverage (%)	Expected Pregnancies	4th ANC	4th ANC Coverage (%)	Expected Pregnancies	4th ANC	4th ANC Coverage (%)
Buhweju	1,961	837	43%	1,961	709	36%	1,961	811	41%	1,961	943	48%
Bushenyi	3,178	2,237	70%	3,178	2,268	71%	3,178	2,409	76%	3,178	2,469	78%
Ibanda	3,636	1,717	47%	3,636	1,646	45%	3,636	2,083	57%	3,636	2,677	74%
Isingiro	8,226	4,084	50%	8,226	3,688	45%	8,226	3,826	47%	8,226	4,297	52%
Kazo	3,005	1,222	41%	3,005	1,234	41%	3,005	1,389	46%	3,005	1,635	54%
Kiruhura	2,566	2,746	107%	2,566	2,584	101%	2,566	2,596	101%	2,566	2,793	109%
Mbarara City	2,934	2,720	93%	2,934	2,568	88%	2,934	2,237	76%	2,934	2,412	82%
Mbarara	2,241	850	38%	2,241	833	37%	2,241	840	37%	2,241	965	43%
Mitooma	1,991	1,388	70%	1,991	1,420	71%	1,991	1,513	76%	1,991	1,413	71%
Ntungamo	6,921	2,861	41%	6,921	2,903	42%	6,844	2,879	42%	6,921	3,039	44%
Rubirizi	1,894	1,497	79%	1,894	1,406	74%	1,894	1,585	84%	1,894	1,777	94%
Rwampara	1,914	821	43%	1,914	701	37%	1,914	779	41%	1,914	738	39%
Sheema	2,829	1,356	48%	2,829	1,387	49%	2,829	1,397	49%	2,829	1,502	53%
<b>Regional Total</b>	<b>43,296</b>	<b>24,336</b>	<b>56%</b>	<b>43,296</b>	<b>23,347</b>	<b>54%</b>	<b>43,219</b>	<b>24,344</b>	<b>56%</b>	<b>43,296</b>	<b>26,660</b>	<b>62%</b>

# Received IPT3 this Pregnancy (%)



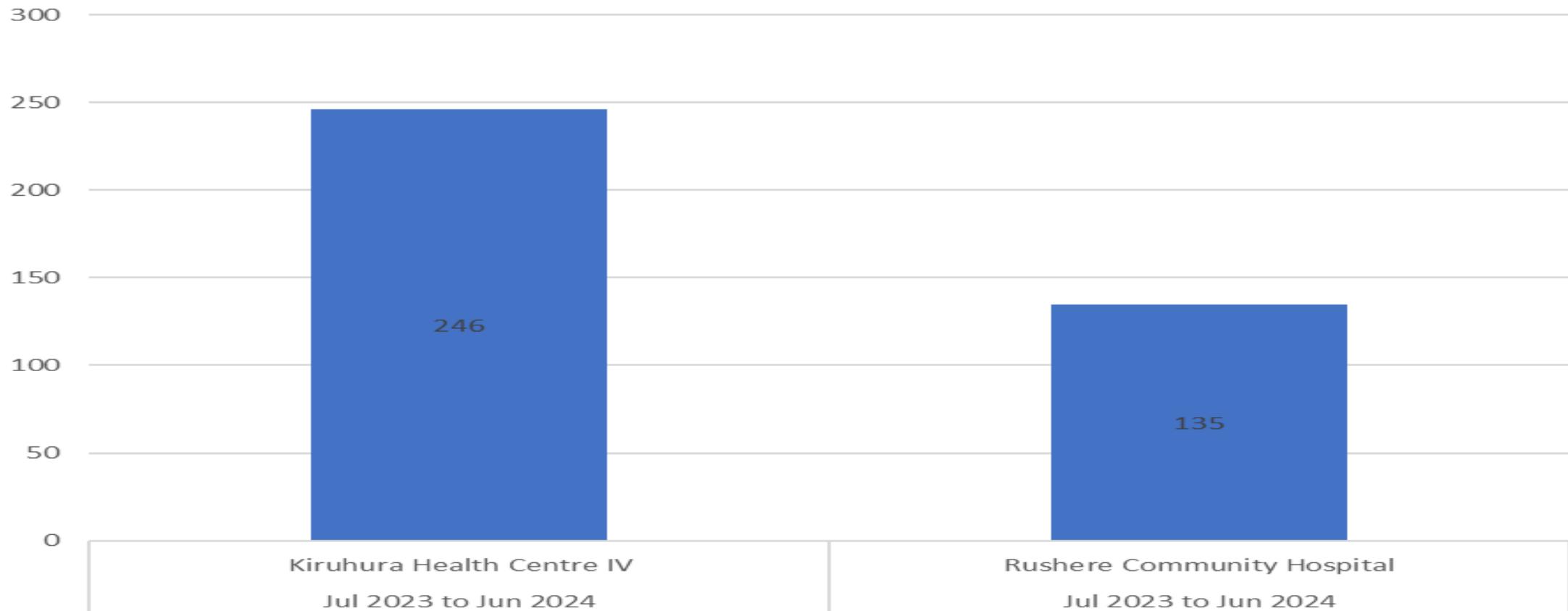
District	Jul to Sep 2023			Oct to Dec 2023			Jan to Mar 2024			Apr to Jun 2024		
	Expected Pregnancies	Received IPT3	Received IPT3 (%)	Expected Pregnancies	Received IPT3	Received IPT3 (%)	Expected Pregnancies	Received IPT3	Received IPT3 (%)	Expected Pregnancies	Received IPT3	Received IPT3 (%)
Buhweju	1,961	937	48%	1,961	771	39%	1,961	1,069	55%	1,961	973	50%
Bushenyi	3,178	1,784	56%	3,178	1,880	59%	3,178	2,104	66%	3,178	2,011	63%
Ibanda	3,636	1,838	51%	3,636	1,638	45%	3,636	2,460	68%	3,636	2,996	82%
Isingiro	8,226	4,075	50%	8,226	3,478	42%	8,226	3,791	46%	8,226	3,349	41%
Kazo	3,005	1,267	42%	3,005	1,345	45%	3,005	1,562	52%	3,005	1,708	57%
Kiruhura	2,566	2,955	115%	2,566	2,756	107%	2,566	2,837	111%	2,566	3,010	117%
Mbarara City	2,934	2,733	93%	2,934	2,629	90%	2,934	2,409	82%	2,934	2,508	85%
Mbarara	2,241	1,006	45%	2,241	953	43%	2,241	963	43%	2,241	1,095	49%
Mitooma	1,991	1,211	61%	1,991	1,397	70%	1,991	1,525	77%	1,991	1,466	74%
Ntungamo	6,921	3,244	47%	6,921	2,854	41%	6,844	2,979	44%	6,921	3,294	48%
Rubirizi	1,894	973	51%	1,894	730	39%	1,894	1,997	105%	1,894	1,124	59%
Rwampara	1,914	657	34%	1,914	656	34%	1,914	707	37%	1,914	934	49%
Sheema	2,829	1,351	48%	2,829	1,409	50%	2,829	1,582	56%	2,829	1,737	61%
<b>Regional Total</b>	<b>43,296</b>	<b>24,031</b>	<b>56%</b>	<b>43,296</b>	<b>22,496</b>	<b>52%</b>	<b>43,219</b>	<b>25,985</b>	<b>60%</b>	<b>43,296</b>	<b>26,205</b>	<b>61%</b>

# Institutional Deliveries-Live birth (%)

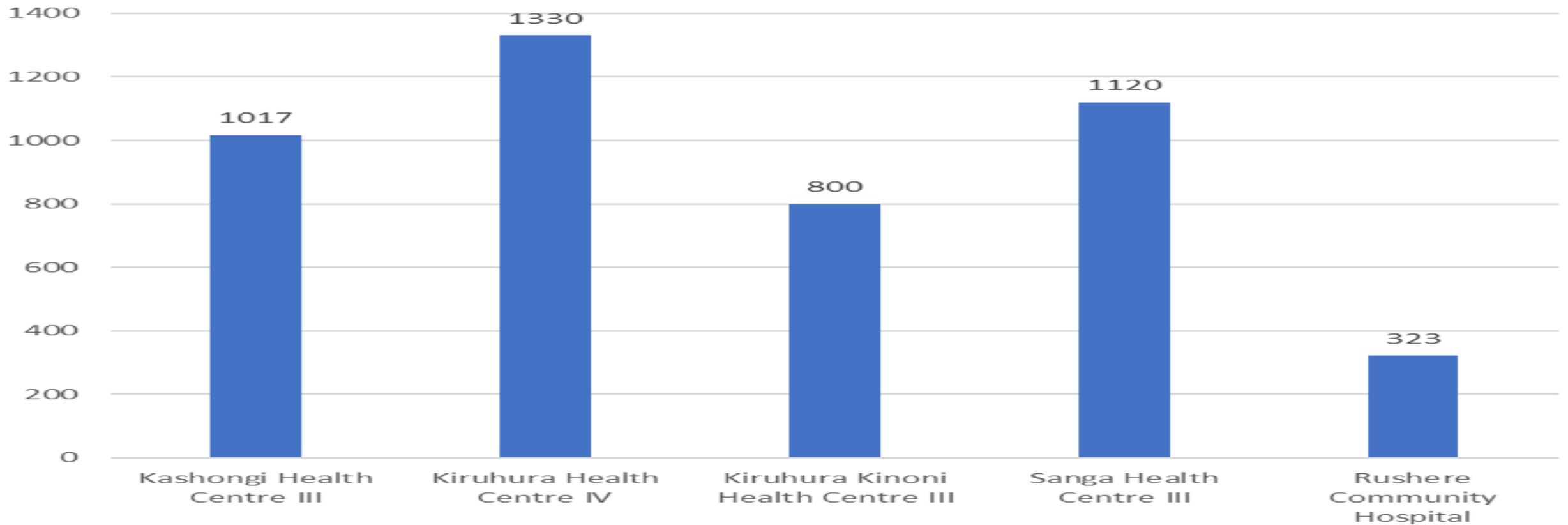


District	Jul to Sep 2023			Oct to Dec 2023			Jan to Mar 2024			Apr to Jun 2024		
	Exp Deliveries	Live births	% Live births	Exp Deliveries	Live births - Total	% Live births	Exp Deliveries	Live births - Total	% Live births	Exp Deliveries	Live births - Total	% Live births
Buhweju	1,902	863	45%	1,902	693	36%	1,902	745	39%	1,902	941	49%
Bushenyi	3,082	2925	95%	3,082	2968	96%	3,082	3046	99%	3,082	3052	99%
Ibanda	3,527	2060	58%	3,527	2124	60%	3,527	2382	68%	3,527	2741	78%
Isingiro	7,979	4842	61%	7,979	4647	58%	7,979	4646	58%	7,979	5122	64%
Kazo	2,915	1160	40%	2,915	1330	46%	2,915	1275	44%	2,915	1402	48%
Kiruhura	2,489	2509	101%	2,489	2539	102%	2,489	2522	101%	2,489	2674	107%
Mbarara City	2,846	3698	130%	2,846	3943	139%	2,846	3578	126%	2,846	4148	146%
Mbarara	2,174	946	44%	2,174	959	44%	2,174	947	44%	2,174	905	42%
Mitooma	1,932	1677	87%	1,932	1704	88%	1,932	1793	93%	1,932	1811	94%
Ntungamo	6,714	4549	68%	6,714	5634	84%	6,638	4281	64%	6,714	4650	69%
Rubirizi	1,837	817	44%	1,837	908	49%	1,837	992	54%	1,837	1000	54%
Rwampara	1,856	792	43%	1,856	643	35%	1,856	692	37%	1,856	676	36%
Sheema	2,744	2363	86%	2,744	2265	83%	2,744	2438	89%	2,744	2376	87%
<b>Regional Total</b>	<b>41,997</b>	<b>29201</b>	<b>70%</b>	<b>41,997</b>	<b>30357</b>	<b>72%</b>	<b>41,922</b>	<b>29337</b>	<b>70%</b>	<b>41,997</b>	<b>31498</b>	<b>75%</b>

A BAR GRAPH SHOWING C/S FOR 2023/2024FY



**A BAR GRAPH SHOWING TOTAL DELIVERIES IN THE  
SELECTED FACILITIES FOR 2023/2024FY**



# ACKNOWLEDGMENTS

- ❑ **MOH**
- ❑ **UHA**
- ❑ **KIRUHURA DISTRICT LG( HIGH AND LOWER LG)**
- ❑ **LPHS TASO ANKOLE**
- ❑ **MAYANJA MEMORIAL HOSP FOUNDATION**
- ❑ **LPHS UPMB**
- ❑ **ALL HEALTH STAFF KLG**
- ❑ **HUNGER PROJECT**
- ❑ **IDRC**



Thank  
you



**FOR LISTENING TO ME**