PSI AT AIDS2022

Unique identifier codes to track AGYW across service providers for DREAMS programming in Malawi and Zimbabwe

AUTHORS

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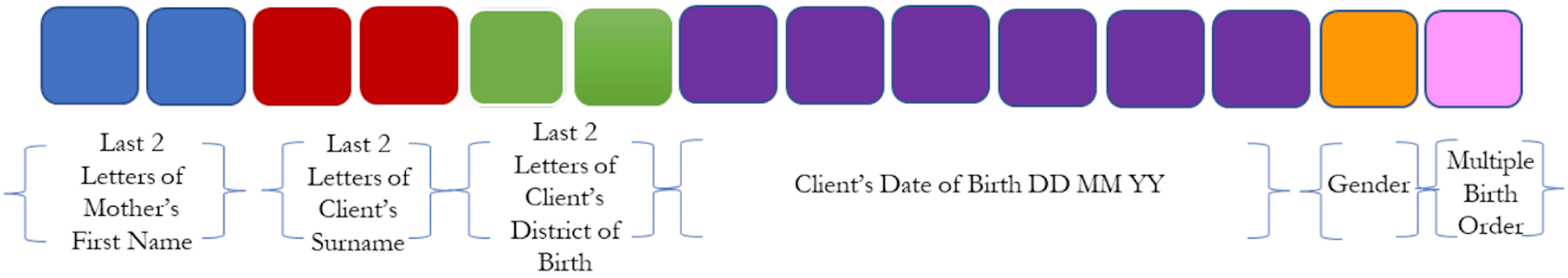

Background

Adolescent Girls and Young Women suffer disproportionate burden from HIV. PEPFAR's DREAMS program aims to empower and equip adolescents to remain HIV-free. Each partner has independent funding agreements, M&E systems, and reporting structures. This makes analyzing which layered services an individual has received difficult.

Description

UICs are challenging – need to avoid duplicates but national ID numbers compromise privacy. PSI was tasked in Zimbabwe and Malawi to track AGYW nationally to track layered services across implementing partners and agencies.

District	Distinct UICs	UICs with Duplicates	Collision Rate
Bulawayo	37,473	1,314	3.51%
Chipinge	29,529	551	1.87%
Gweru	16,264	444	2.73%
Makoni	24,252	735	3.03%
Mazowe	26,307	1,063	4.04%
Mutare	32,229	690	2.14%
Beitbridge	12,082	267	2.21%
Bubi	4,505	11	0.24%
Bulilima	9,262	117	1.26%
Gwanda	11,428	350	3.06%
Insiza	12,330	398	3.23%
Lupane	6,613	36	0.54%
Mangwe	7,695	158	2.05%
Matobo	10,424	369	3.54%
Nkayi	7,290	32	0.44%
Tsholotsho	8,057	23	0.29%
Cross District	**255,202**	**7,013**	**2.75%**

Design

The UIC above was tested with client data and was found to have <2% collisions. In order to further ease the UIC, an app was created to help those with phones to compose the UIC correctly and consistently. This put in place a UIC for the first time across all IPs and required collective approval and uptake among partners.

Conclusion & Next Steps

As seen in the table, UIC collision rate has varied from the <2% at the beginning of the project. Looking at currently active AGYW, there is a project collision rate of 2.75%. In order to reduce this rate, a few key next steps have been identified:

- **Deep data cleaning** – need to identify genuine collisions and merge records that are duplicate clients
- **Strengthen the data entry protocol** – the database shows signs of incorrect data procedures
- **Analyze common duplicates** – what new patterns have emerged
- **Strengthening the UIC** – are there opportunities to change the algorithm to increase uniqueness
- **Replicating success** – why are some districts doing so well? What best practices can be observed and shared?

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