



Impact of Revised CCT Structure

New Incentives' CCT structure changed on August 6th, 2023, to a total of ₦6,000 for each beneficiary, with ₦1,000 being disbursed at each routine immunization visit.

Enrollments

This enrollment data compares LGAs that were operational before the rollout of the revised structure to ensure a common base for comparison. The Enrollment Ratio is the number of enrollments divided by the target population. This can be greater than 100% due to catch-up infants or outdated population estimates (even though the latest available population data is utilized).

Enrollments at LGAs operating prior to June 2023

Time Period	Enrollment Ratio	Enrollments	Target Population
May - July 2023	94.29%	298,825	316,914
August - October 2023	120.73%	382,595	316,914
Difference	26.44%	83,770	0

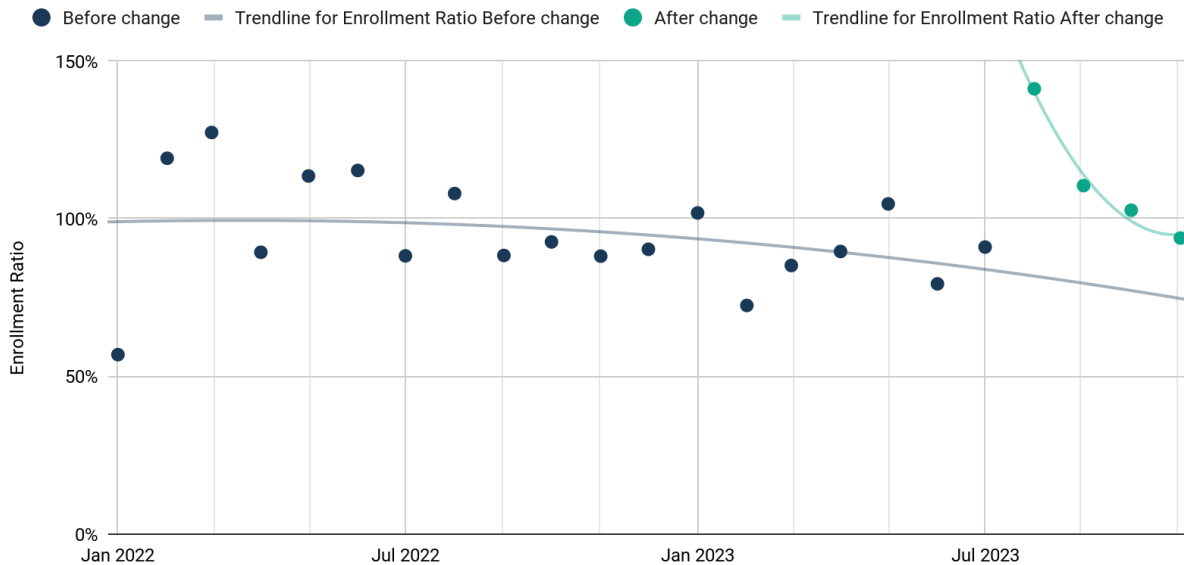
Comparing the three months right before and after implementing the change, we notice a 26 percentage point increase in the number of enrollments in the LGAs that were operational prior to June 2023.

Enrollments at LGAs operating prior to May 2023

Time Period	Enrollment Ratio	Enrollments	Target Population
May - July 2023	91.66%	274,048	298,986
August - October 2023	118.09%	353,083	298,986
Difference	26.43%	79,035	0

When the data is restricted to LGAs that were operational prior to May 2023 to avoid new expansion from overestimating the impact of the revised structure, the 26 percentage point increase is still observed after the revision of the CCT structure.

Rate of Change of Enrollments over Time



Retention Rate

Instead of only reporting on the number of disbursements which would normally increase over time with increased enrollments, we can instead look at the rate at which people returned for immunizations to provide a more robust analysis on the impact on the revised CCT structure.

To assess the impact of the change introduced in August on retention rates, we compare data from January to May 2023, allowing a two-month buffer for returnees (through July 31). To understand the rate without the change, the same time period from last year is used as a reference.

The due dates for return visits are retrieved from the date entered on the CHC card. The subsequent vaccines are estimated by spacing out visits based on recommended age and minimum time between vaccinations. When there is a delay in vaccination, the estimated due dates change when we receive the updated information from the CHC card. For this analysis, to keep the dues consistent across the assessment time periods, we use the most recent dues information we have on each infant and apply it retrospectively to older time periods as well.

Retention Rate for January - May 2023

Data Acquired	Penta 1 Retention	Penta 1 Dues	Penta 2 Retention	Penta 2 Dues	Penta 3 Retention	Penta 3 Dues	Measles Retention	Measles Dues
Up to July 31, 2023	95.17%	425,067	89.34%	391,166	82.34%	360,656	84.39%	260,943
Up to October 31, 2023	96.50%	425,067	92.44%	391,166	89.27%	360,656	87.50%	260,943
Difference	1.33%	0	3.09%	0	6.93%	0	3.12%	0

Retention Rate for January - May 2022

Data Acquired	Penta 1 Retention	Penta 1 Dues	Penta 2 Retention	Penta 2 Dues	Penta 3 Retention	Penta 3 Dues	Measles Retention	Measles Dues
Up to July 31, 2022	96.96%	145,219	92.56%	121,210	90.78%	102,273	87.12%	69,048
Up to October 31, 2022	97.33%	145,219	93.44%	121,210	91.86%	102,273	87.88%	69,048
Difference	0.37%	0	0.88%	0	1.08%	0	0.76%	0

The return rates increased for all vaccines after the change in CCT structure.

The tables below outline the changes in retention for the two months directly preceding the change in CCT structure.

Retention Rate for June - July 2023

Data Acquired	Penta 1 Retention	Penta 1 Dues	Penta 2 Retention	Penta 2 Dues	Penta 3 Retention	Penta 3 Dues	Measles Retention	Measles Dues
Up to July 31, 2023	91.14%	194,845	84.30%	192,938	80.25%	179,953	74.43%	133,577
Up to October 31, 2023	96.95%	194,845	93.17%	192,938	89.34%	179,953	87.11%	133,577
Difference	5.81%	0	8.87%	0	9.09%	0	12.68%	0

Retention rate for June - July 2022

Data Acquired	Penta 1 Retention	Penta 1 Dues	Penta 2 Retention	Penta 2 Dues	Penta 3 Retention	Penta 3 Dues	Measles Retention	Measles Dues
Up to July 31, 2022	93.60%	106,309	86.30%	104,055	84.15%	88,539	82.95%	40,121
Up to October 31, 2022	96.43%	106,309	92.28%	104,055	90.51%	88,539	90.46%	40,121
Difference	2.83%	0	5.99%	0	6.36%	0	7.51%	0