Senegal - Countdown Analysis

## Health Facility Data Quality

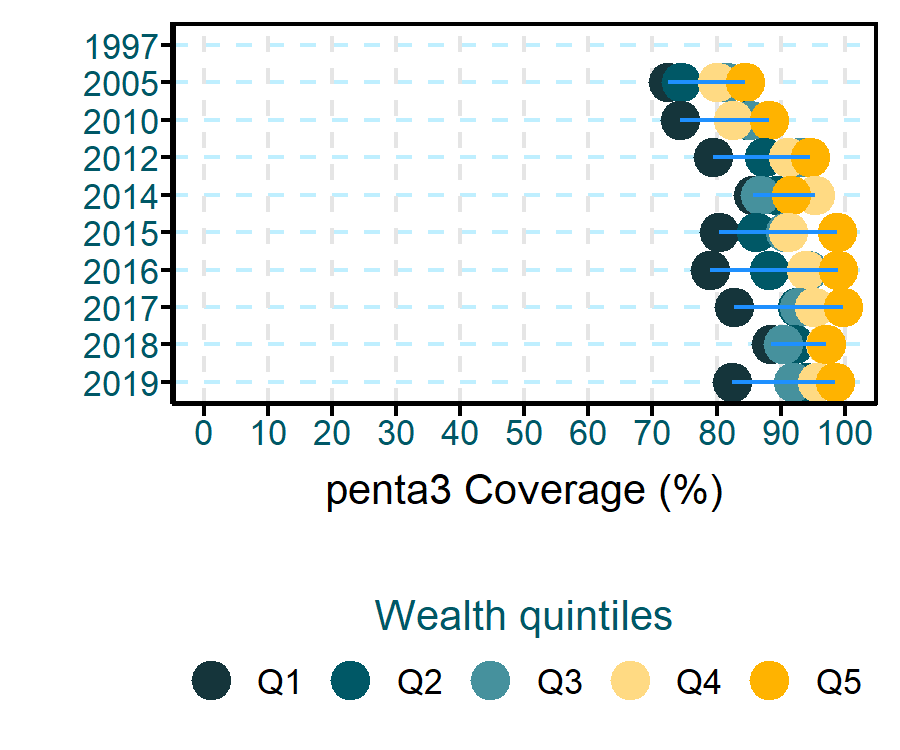
### Summary reported immunization health facility data DHIS2

| **no** | **Data Quality Metrics** | **2019** | **2020** | **2021** | **2022** | **2023** |
| --- | --- | --- | --- | --- | --- | --- |
| **type: 1. Completeness of monthly facility reporting (Immunization)** | | | | | | |
| 1a | % of expected monthly facility reports (national) | 94 | 98 | 98 | 76 | 23 |
| 1b | % of districts with completeness of facility reporting >= 90 | 77 | 92 | 92 | 14 | 3 |
| 1c | % of districts with no missing values (mean for common vaccines) | 100 | 100 | 100 | 96 | 73 |
| **type: 2. Extreme outliers (Common Vaccine antigens)** | | | | | | |
| 2a | % of monthly values that are not extreme outliers (national) | 99 | 100 | 100 | 96 | 81 |
| 2b | % of districts with no extreme outliers in the year | 93 | 100 | 98 | 78 | 72 |
| **type: 3. Consistency of annual reporting** | | | | | | |
| 3a | Ratio anc1/penta1 | 0.96 | 0.96 | 1.03 | 1.00 | Inf |
| 3b | Ratio penta1/penta3 | 1.06 | 1.04 | 1.02 | 1.00 | 1.02 |
| 3f | % district with anc1/penta1 in expected ranged | 32 | 30 | 60 | 47 | 21 |
| 3g | % district with penta1/penta3 in expected ranged | 85 | 75 | 68 | 47 | 66 |
|  |  |  |  |  |  |  |
| 4 | Annual data quality score | 83 | 85 | 88 | 65 | 48 |

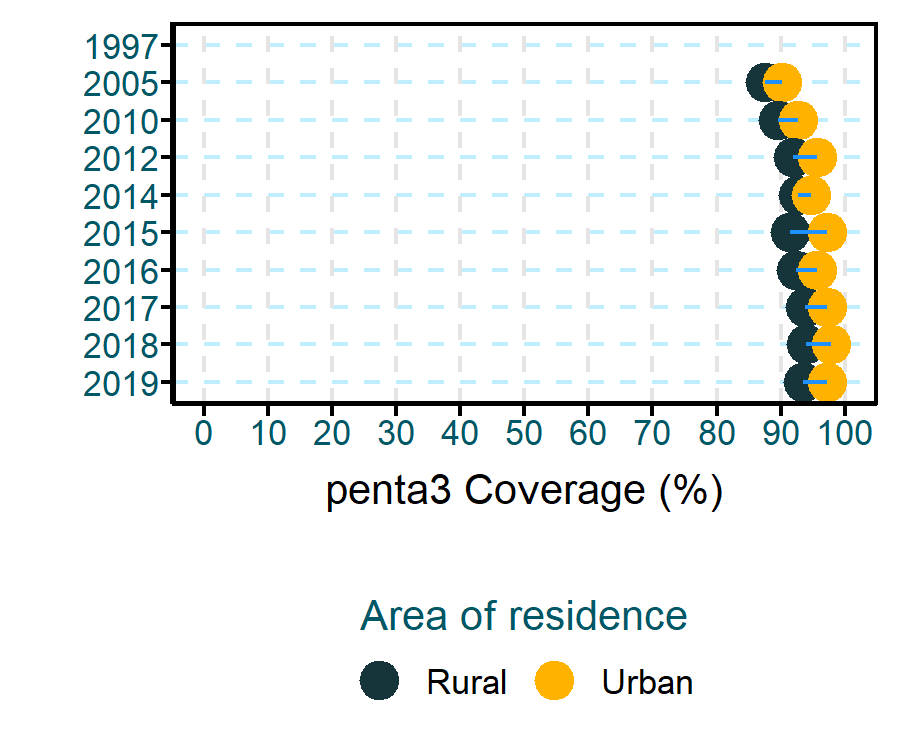
## Equity Analysis

### Wealth an urban-rural inequity for Penta 3 Coverage

#### Wealth



#### Residence

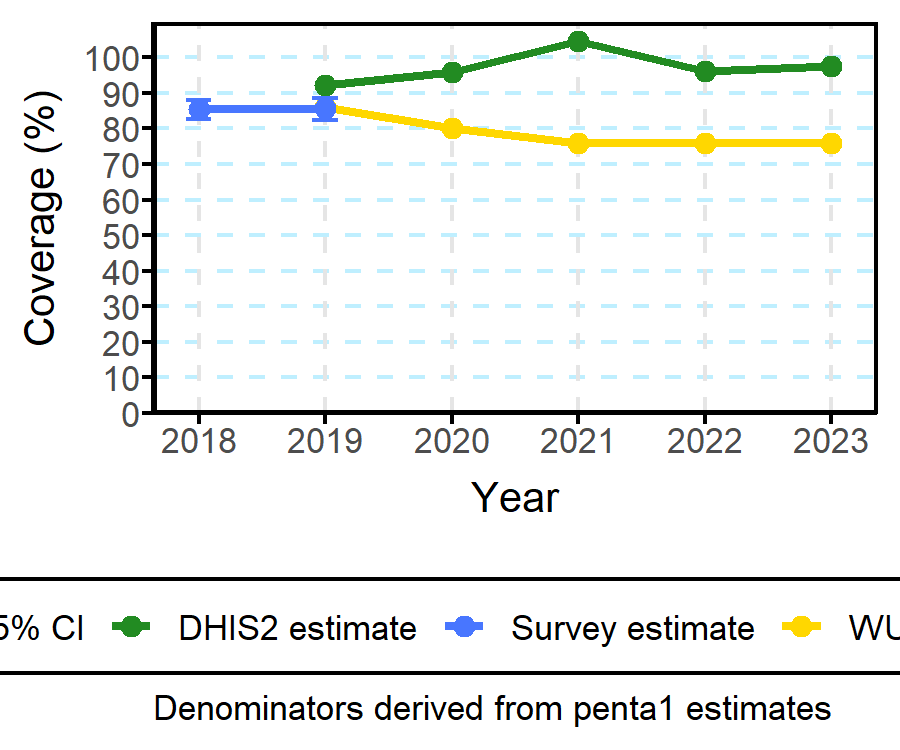


DQA scores greater or equal to 90% are highlighted in green indicating good data quality, scores of 80-90% in yellow and less than 70% in red indicator poor data quality

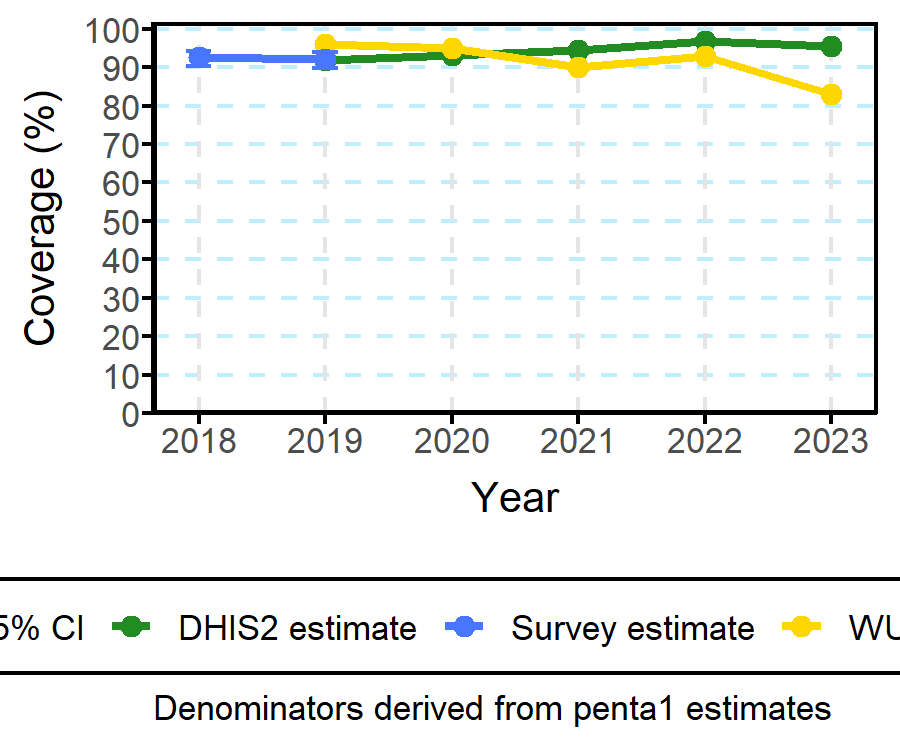
## National immunization Coverage trends

### 2019 – 2023 trend in immunization coverage, first dose of measles, third dose of pentavalent vaccine’s and pentavalent dropout rates

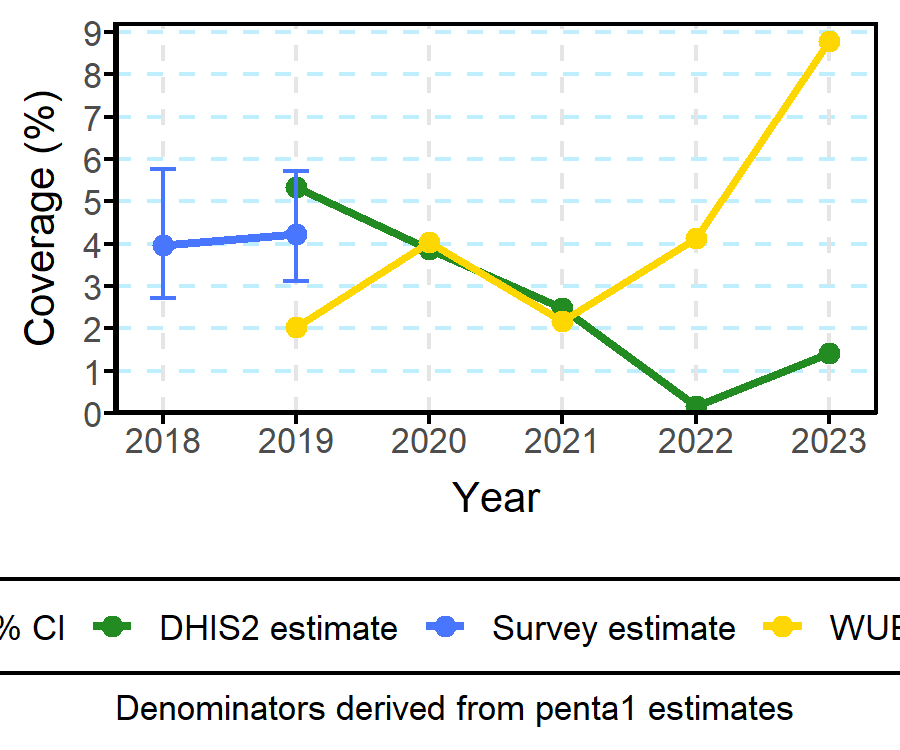
#### Measles 1



#### Penta 3



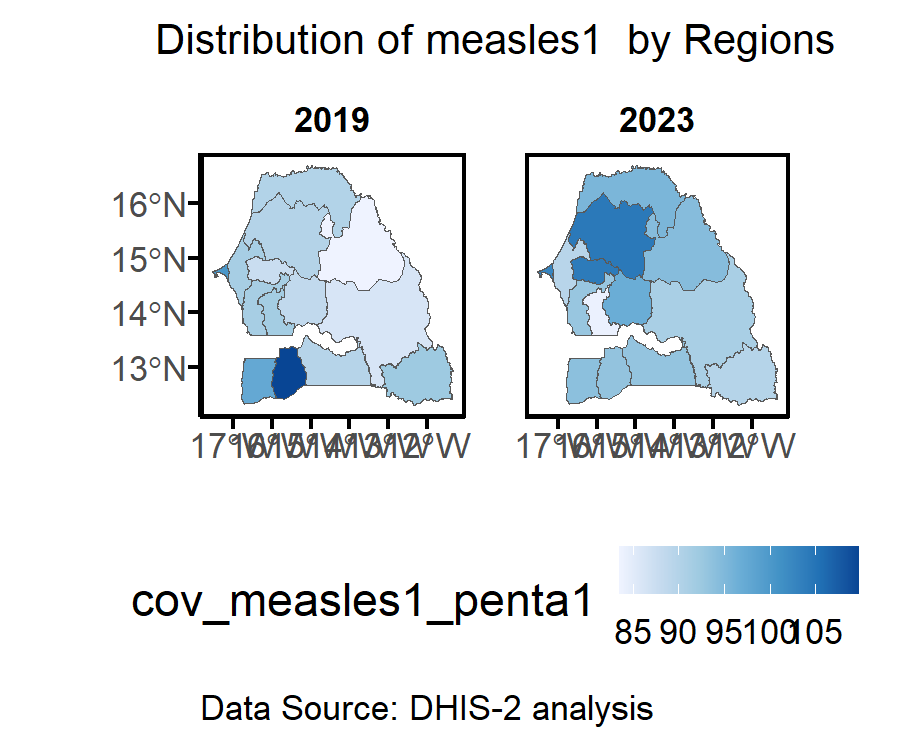
### Penta1 to Penta3 Dropout



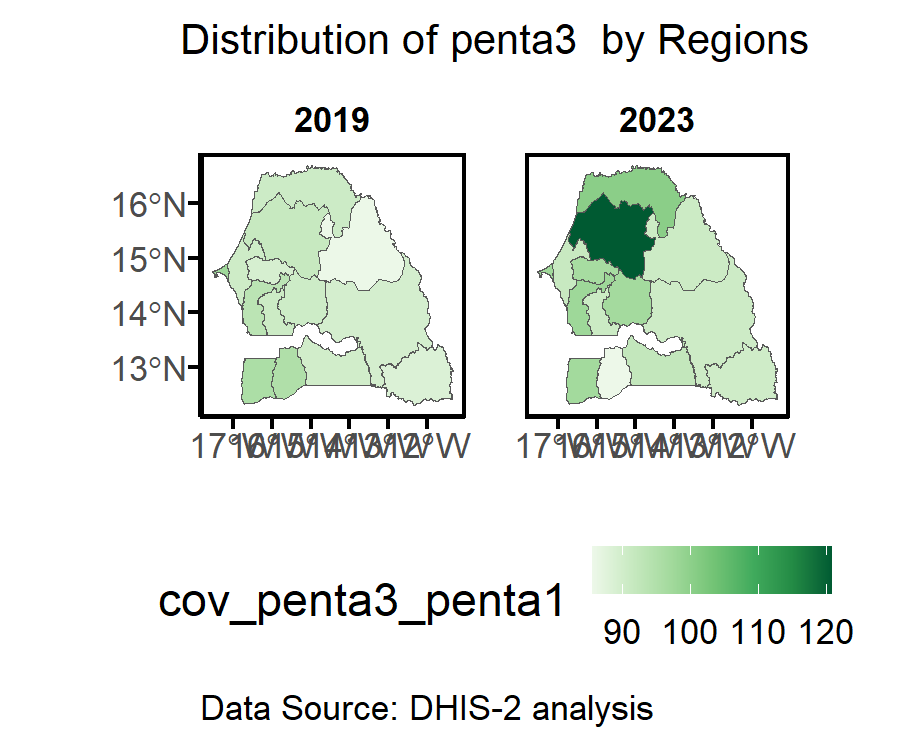
## Admin Level 1 Vaccination Coverage Map

### Subnational vaccination coverage 2019 & 2023 (measles1, penta3, dropout penta1\_3)

#### Measles 1



#### Penta 3



#### Penta1 to Penta3 Dropout

