

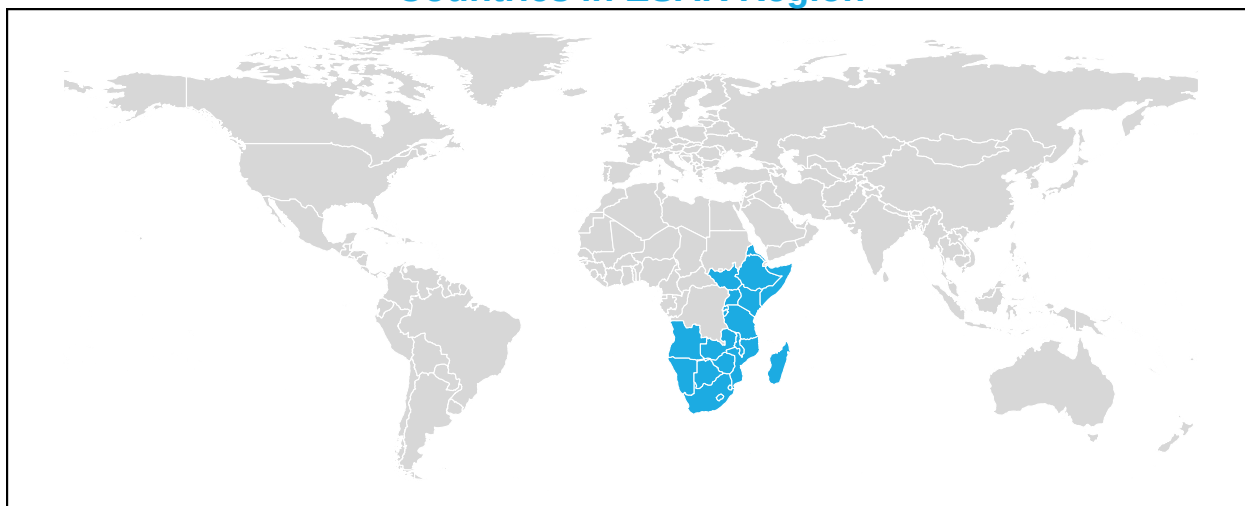
# WUENIC Talking Points: Eastern and Southern Africa Region (ESAR)

Revision Year: 2025

## Contents

|                                                                               |    |
|-------------------------------------------------------------------------------|----|
| Overview . . . . .                                                            | 2  |
| DTP1: Reaching zero-dose children . . . . .                                   | 4  |
| DTP3: A marker of routine immunization service delivery to children . . . . . | 7  |
| MCV: Canary in the coal mine . . . . .                                        | 9  |
| HPV . . . . .                                                                 | 11 |
| Priority countries supported to recover from the COVID-19 pandemic . . . . .  | 12 |
| Appendix . . . . .                                                            | 13 |

## Countries in ESAR Region



- The Eastern and Southern Africa region includes the following 21 countries: Angola, Botswana, Burundi, Comoros, Eritrea, Eswatini, Ethiopia, Kenya, Lesotho, Madagascar, Malawi, Mozambique, Namibia, Rwanda, Somalia, South Africa, South Sudan, Tanzania, Uganda, Zambia, and Zimbabwe.

## Overview

- While noting variations across countries and vaccines, none of the 15 childhood vaccines achieved an average coverage of 90% or higher within the Eastern and Southern Africa region in 2025.
- Coverage of the first dose of diphtheria-tetanus-pertussis-containing vaccine (DTP1) increased from 84% in 2024 to 85% in 2025, and coverage of the third dose of DTP-containing vaccine (DTP3) increased from 79% in 2024 to 80% in 2025. Coverage of the first dose of the measles-containing vaccine (MCV1) increased from 76% in 2024 to 77% in 2025.
- A total of 11 out of 21 countries reached target coverage (90%) for all 15 antigens, representing 52% of the region.
- There were 10 countries that did not meet the target coverage across all antigens: Angola, Burundi, Comoros, Ethiopia, Lesotho, Madagascar, Somalia, South Africa, South Sudan, and Tanzania.
- In 2025, the number of zero-dose children (2.8 million) was approximately 51% higher than the annual number proposed to achieve the Immunization Agenda 2030 target of reducing the number of zero-dose children by half by 2030 in Eastern and Southern Africa region (1.8 million), based on a linear trajectory of decline.

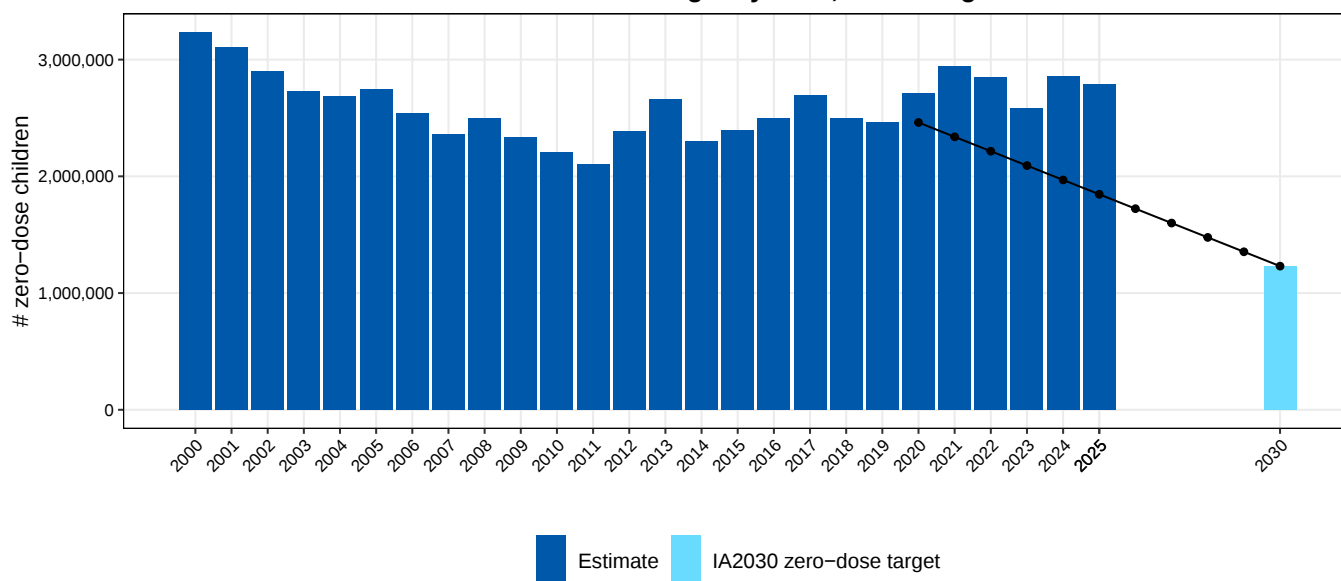
### Vaccine coverage (%), ESAR Region, 2000–2025

|       | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| BCG   | 76   | 79   | 78   | 78   | 79   | 79   | 80   | 82   | 82   | 83   | 84   | 86   | 84   | 83   | 83   | 81   | 81   | 82   | 82   | 83   | 81   | 80   | 83   | 84   | 83   | 84   |
| HepBB | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    |
| DTP1  | 73   | 75   | 77   | 79   | 80   | 80   | 82   | 83   | 83   | 84   | 85   | 86   | 85   | 83   | 85   | 85   | 85   | 84   | 85   | 86   | 84   | 83   | 84   | 86   | 84   | 85   |
| DTP3  | 59   | 62   | 63   | 65   | 66   | 68   | 70   | 71   | 72   | 74   | 76   | 77   | 76   | 76   | 78   | 78   | 78   | 78   | 80   | 81   | 79   | 77   | 77   | 79   | 79   | 80   |
| Hib3  | 6    | 6    | 21   | 22   | 29   | 31   | 32   | 46   | 53   | 71   | 73   | 74   | 73   | 74   | 77   | 78   | 78   | 78   | 80   | 81   | 79   | 77   | 77   | 79   | 79   | 80   |
| HepB3 | 9    | 10   | 42   | 44   | 49   | 53   | 55   | 68   | 70   | 71   | 74   | 74   | 73   | 74   | 77   | 78   | 78   | 78   | 80   | 81   | 79   | 77   | 77   | 79   | 79   | 80   |
| PCVC  |      |      |      |      |      |      |      |      | 0    | 1    | 7    | 18   | 29   | 51   | 67   | 69   | 72   | 74   | 77   | 77   | 75   | 73   | 72   | 75   | 75   | 76   |
| RotaC |      |      |      |      |      |      | 0    | 0    | 0    | 1    | 5    | 5    | 8    | 21   | 47   | 58   | 63   | 64   | 70   | 75   | 74   | 71   | 62   | 68   | 70   | 72   |
| IPV1  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 9    | 27   | 38   | 60   | 77   | 78   | 77   | 78   | 78   | 78   | 79   |
| IPVC  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 7    | 14   | 25   | 38   | 58   |
| MCV1  | 58   | 61   | 63   | 64   | 65   | 65   | 68   | 70   | 72   | 75   | 76   | 77   | 77   | 76   | 76   | 76   | 74   | 74   | 77   | 78   | 77   | 74   | 75   | 77   | 76   | 77   |
| RCV1  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 11   | 13   | 15   | 33   | 43   | 43   | 50   | 48   | 48   | 49   | 49   | 54   |
| MCV2  | 6    | 5    | 4    | 5    | 5    | 4    | 5    | 4    | 5    | 6    | 5    | 5    | 4    | 6    | 11   | 21   | 31   | 34   | 36   | 49   | 49   | 49   | 58   | 58   | 61   | 65   |
| YFV   | 4    | 4    | 4    | 5    | 5    | 4    | 4    | 5    | 4    | 2    | 2    | 4    | 4    | 2    | 6    | 6    | 5    | 5    | 8    | 9    | 8    | 8    | 8    | 17   | 19   | 21   |
| MengA |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    | 1    | 1    |
| HPVc  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0    | 1    | 1    | 1    | 8    | 7    | 10   | 12   | 14   | 19   |



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

**Estimated number of zero-dose children,  
2000–2025 and target by 2030, ESAR Region**



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.  
 Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero-dose children in 2019 in half by 2030. Dark blue bars are the estimated number of zero-dose children in 2000–2025, light blue bar is the target number of zero-dose children by 2030. The line and points show the yearly progress and trajectory to meet the target by 2030, based on a linear decline.

## DTP1: Reaching zero-dose children

- The number of children vaccinated with DTP1 increased 8% from 14.6 million in 2019 to 15.8 million in 2025.
- DTP1 coverage in 2025 was 85%, lower than in 2019 (86%) but higher than in 2024 (84%).
- In 2025, the number of zero-dose children (2.8 million) was approximately 51% higher than the annual number proposed to achieve the Immunization Agenda 2030 target in ESAR region (1.8 million), based on a linear trajectory of decline.
- In 2025, Ethiopia and Angola represented approximately 23% and 16% of all zero-dose children in ESAR (n = 2.8 million), respectively. Ethiopia had the highest number of zero-dose children at 650,000, and Angola had the second highest at 454,000.
- In 2025, the lowest DTP1 coverage was observed in Angola and South Africa at 67%, followed by Madagascar at 74%.
- There were 9 (43%) out of 21 countries in the region that achieved DTP1 coverage of 90% or higher in 2025 - Mozambique, Kenya, Zimbabwe, Malawi, Zambia, Botswana, Eritrea, Rwanda, and Uganda.

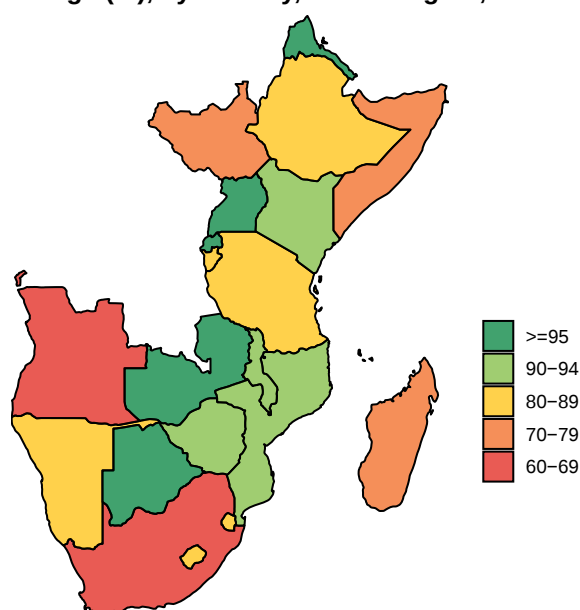
### DTP1 coverage (%), by country, ESAR Region, 2000–2025

|                 | 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      | 2025      |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Botswana        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        | 98        |
| Eritrea         | 88        | 91        | 94        | 97        | 99        | 99        | 98        | 98        | 97        | 97        | 97        | 97        | 97        | 97        | 97        | 98        | 97        | 97        | 97        | 97        | 97        | 97        | 97        | 97        | 97        | 98        |
| Rwanda          | 93        | 77        | 95        | 97        | 94        | 95        | 99        | 99        | 97        | 98        | 98        | 99        | 99        | 99        | 99        | 99        | 99        | 99        | 98        | 99        | 94        | 94        | 98        | 94        | 99        | 98        |
| Uganda          | 80        | 82        | 84        | 86        | 88        | 90        | 85        | 93        | 87        | 96        | 87        | 91        | 92        | 92        | 93        | 97        | 99        | 99        | 97        | 96        | 94        | 97        | 94        | 95        | 97        | 98        |
| Zambia          | 94        | 94        | 94        | 93        | 93        | 92        | 92        | 93        | 95        | 96        | 92        | 87        | 86        | 86        | 96        | 97        | 96        | 95        | 94        | 94        | 88        | 94        | 98        | 94        | 94        | 96        |
| Malawi          | 98        | 99        | 94        | 99        | 99        | 99        | 99        | 96        | 97        | 97        | 97        | 98        | 99        | 96        | 97        | 93        | 89        | 93        | 96        | 97        | 95        | 95        | 89        | 95        | 94        | 94        |
| Zimbabwe        | 84        | 83        | 81        | 79        | 77        | 80        | 83        | 86        | 89        | 87        | 95        | 99        | 99        | 98        | 98        | 94        | 94        | 94        | 94        | 94        | 93        | 93        | 93        | 93        | 93        | 93        |
| Kenya           | 83        | 84        | 90        | 89        | 87        | 85        | 90        | 89        | 90        | 92        | 93        | 98        | 98        | 95        | 97        | 96        | 89        | 82        | 93        | 96        | 97        | 99        | 99        | 97        | 93        | 91        |
| Mozambique      | 84        | 86        | 88        | 89        | 88        | 87        | 86        | 85        | 87        | 89        | 91        | 91        | 91        | 90        | 90        | 90        | 90        | 90        | 90        | 90        | 83        | 76        | 81        | 90        | 90        | 90        |
| Burundi         | 88        | 90        | 91        | 93        | 95        | 96        | 99        | 99        | 98        | 99        | 99        | 99        | 98        | 98        | 98        | 97        | 97        | 94        | 94        | 97        | 98        | 96        | 93        | 89        | 89        | 89        |
| Lesotho         | 87        | 83        | 89        | 95        | 95        | 95        | 96        | 96        | 96        | 96        | 97        | 97        | 98        | 98        | 94        | 89        | 92        | 93        | 93        | 92        | 93        | 95        | 94        | 90        | 86        | 88        |
| Tanzania        | 92        | 95        | 95        | 99        | 99        | 95        | 94        | 89        | 88        | 90        | 98        | 96        | 99        | 99        | 99        | 97        | 95        | 93        | 91        | 95        | 95        | 90        | 91        | 87        | 87        | 87        |
| Namibia         | 90        | 88        | 86        | 87        | 88        | 93        | 91        | 88        | 88        | 87        | 87        | 88        | 89        | 94        | 92        | 98        | 90        | 94        | 94        | 92        | 93        | 94        | 90        | 88        | 79        | 86        |
| <b>**ESAR**</b> | <b>73</b> | <b>75</b> | <b>77</b> | <b>79</b> | <b>80</b> | <b>80</b> | <b>82</b> | <b>83</b> | <b>83</b> | <b>84</b> | <b>85</b> | <b>86</b> | <b>85</b> | <b>83</b> | <b>85</b> | <b>85</b> | <b>85</b> | <b>84</b> | <b>85</b> | <b>86</b> | <b>84</b> | <b>83</b> | <b>84</b> | <b>86</b> | <b>84</b> | <b>85</b> |
| Eswatini        | 94        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 96        | 95        | 95        | 98        | 97        | 99        | 99        | 96        | 96        | 96        | 96        | 96        | 87        | 86        | 99        | 89        | 91        | 84        |
| Ethiopia        | 47        | 50        | 52        | 55        | 58        | 61        | 64        | 67        | 71        | 74        | 77        | 80        | 74        | 67        | 73        | 74        | 75        | 76        | 76        | 75        | 75        | 74        | 76        | 79        | 79        | 84        |
| Comoros         | 85        | 85        | 96        | 82        | 85        | 77        | 78        | 79        | 85        | 89        | 81        | 92        | 91        | 85        | 83        | 81        | 83        | 84        | 80        | 81        | 78        | 80        | 85        | 80        | 80        | 80        |
| Somalia         | 57        | 57        | 60        | 65        | 50        | 50        | 40        | 59        | 40        | 52        | 55        | 52        | 52        | 53        | 55        | 56        | 57        | 59        | 60        | 64        | 62        | 68        | 79        | 77        | 78        | 77        |
| South Sudan     |           |           |           |           |           |           |           |           |           |           |           | 79        | 76        | 67        | 62        | 55        | 51        | 59        | 67        | 68        | 71        | 73        | 76        | 76        | 76        | 76        |
| Madagascar      | 74        | 75        | 76        | 79        | 82        | 88        | 93        | 92        | 84        | 80        | 78        | 80        | 79        | 76        | 77        | 71        | 74        | 71        | 77        | 77        | 77        | 64        | 66        | 74        | 70        | 74        |
| Angola          | 44        | 56        | 64        | 66        | 73        | 59        | 63        | 66        | 66        | 66        | 67        | 67        | 67        | 67        | 69        | 67        | 72        | 68        | 75        | 70        | 67        | 65        | 63        | 79        | 70        | 67        |
| South Africa    | 85        | 82        | 80        | 77        | 80        | 83        | 94        | 95        | 93        | 81        | 80        | 80        | 72        | 81        | 88        | 91        | 88        | 85        | 84        | 87        | 88        | 91        | 87        | 81        | 76        | 67        |



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.  
Note: Countries ordered based on descending DTP1 coverage in 2025.

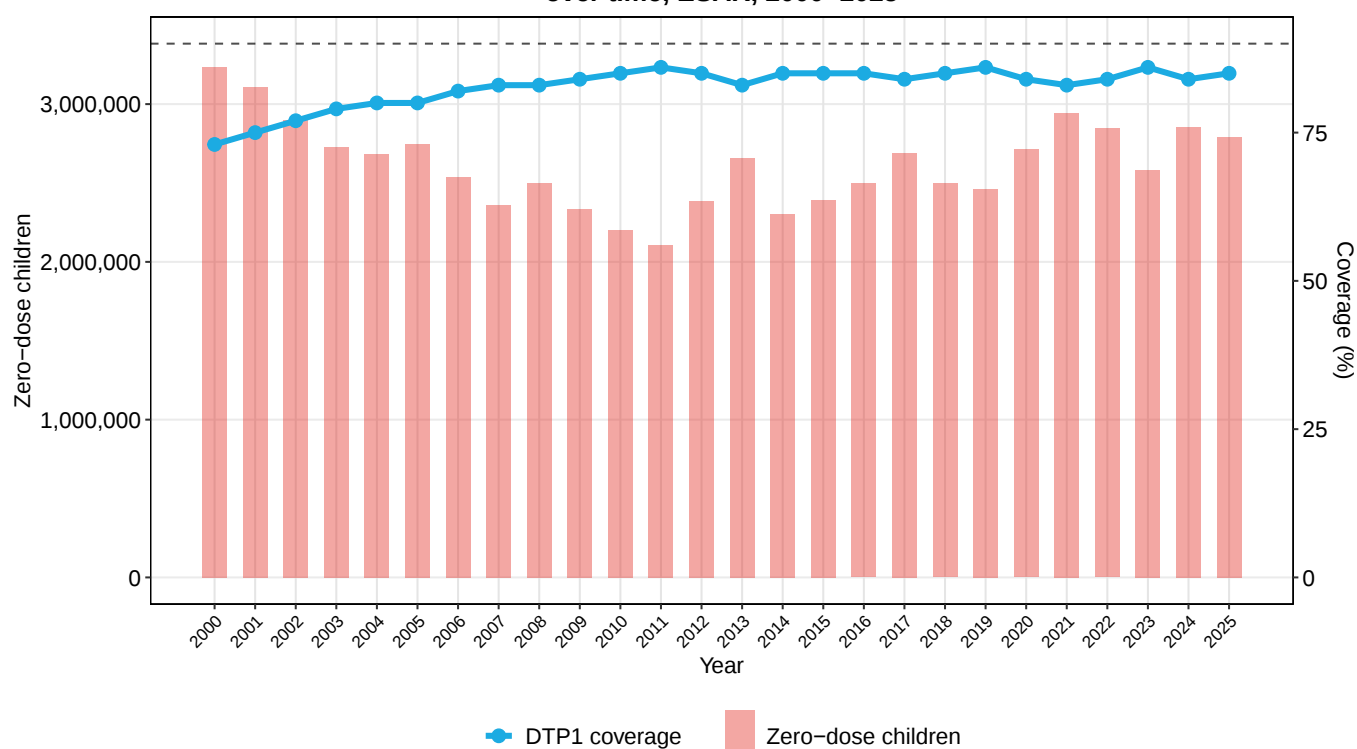
### DTP1 coverage (%), by country, ESAR Region, 2025



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

Note: This map is stylized and based on an approximate scale. This map does not reflect a position by UNICEF or WHO on the legal status of any country or territory or the delimitation of any frontiers.

### DTP1 coverage and zero-dose children over time, ESAR, 2000-2025



Dotted line shows the IA2030 target of 90% coverage  
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

## DTP3: A marker of routine immunization service delivery to children

- The number of children vaccinated with DTP3 increased 6.9% from 13.8 million in 2019 to 14.8 million in 2025. Due to population growth of approximately 9% between 2019 and 2025, DTP3 coverage in 2025 (80%) was lower than in 2019 (81%).
- DTP3 coverage in 2025 was 80%, lower than in 2019 (81%) but higher than in 2024 (79%).
- In 2025, 6% of children who received DTP1 did not receive DTP3, which was 1 percentage point higher than in 2019 (5%); medium dropout rates imply moderate ability to provide a complete series of vaccines early in life.
- In 2025, DTP3 coverage ranged from 52% in Angola to 97% in Uganda.
- In 2025, Ethiopia had DTP3 coverage of 81% and the highest absolute number of un- and undervaccinated children in the region (772,000), followed by Angola with 52% coverage and 660,000 un- and undervaccinated children.

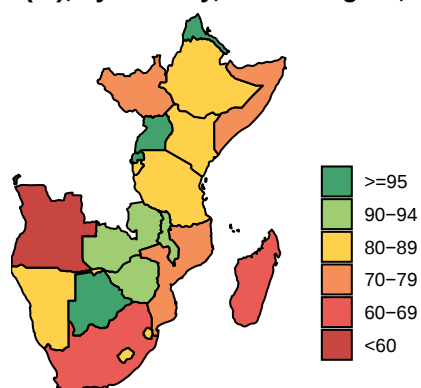
DTP3 coverage (%), by country,  
ESAR Region, 2000–2025

|                 | 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      | 2025      |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Uganda          | 52        | 55        | 57        | 59        | 62        | 64        | 64        | 73        | 71        | 79        | 80        | 82        | 83        | 84        | 85        | 89        | 93        | 94        | 93        | 93        | 89        | 91        | 89        | 91        | 94        | 97        |
| Eritrea         | 81        | 86        | 90        | 93        | 98        | 96        | 94        | 95        | 95        | 95        | 95        | 94        | 94        | 94        | 94        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 96        |
| Botswana        | 97        | 97        | 97        | 96        | 96        | 96        | 96        | 96        | 96        | 96        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 95        | 86        | 95        | 95        | 95        |
| Rwanda          | 90        | 77        | 88        | 96        | 89        | 95        | 99        | 97        | 97        | 97        | 97        | 97        | 98        | 98        | 98        | 98        | 98        | 98        | 97        | 98        | 91        | 88        | 98        | 94        | 98        | 95        |
| Zambia          | 85        | 85        | 84        | 83        | 83        | 82        | 81        | 80        | 87        | 94        | 83        | 81        | 78        | 79        | 86        | 90        | 95        | 94        | 90        | 88        | 84        | 91        | 88        | 86        | 87        | 91        |
| Zimbabwe        | 78        | 75        | 71        | 68        | 65        | 68        | 70        | 73        | 75        | 73        | 89        | 93        | 95        | 95        | 91        | 87        | 90        | 89        | 89        | 90        | 86        | 88        | 90        | 90        | 91        | 91        |
| Malawi          | 75        | 90        | 64        | 84        | 89        | 93        | 99        | 87        | 91        | 93        | 93        | 97        | 96        | 89        | 91        | 88        | 84        | 88        | 92        | 95        | 94        | 93        | 86        | 91        | 91        | 90        |
| Burundi         | 80        | 81        | 81        | 82        | 83        | 87        | 92        | 99        | 92        | 94        | 96        | 96        | 96        | 96        | 95        | 94        | 94        | 91        | 90        | 93        | 93        | 94        | 91        | 89        | 89        | 89        |
| Kenya           | 82        | 80        | 84        | 73        | 73        | 76        | 80        | 81        | 88        | 88        | 90        | 96        | 94        | 87        | 92        | 89        | 88        | 81        | 91        | 93        | 93        | 95        | 94        | 93        | 91        | 88        |
| Lesotho         | 84        | 79        | 85        | 90        | 90        | 89        | 89        | 88        | 88        | 91        | 93        | 96        | 95        | 93        | 88        | 83        | 87        | 89        | 90        | 92        | 93        | 95        | 92        | 90        | 86        | 88        |
| Eswatini        | 84        | 84        | 85        | 85        | 86        | 86        | 87        | 87        | 88        | 88        | 89        | 91        | 95        | 98        | 98        | 90        | 90        | 90        | 90        | 90        | 83        | 77        | 97        | 85        | 84        | 84        |
| Tanzania        | 79        | 87        | 89        | 95        | 95        | 90        | 90        | 83        | 86        | 85        | 91        | 90        | 92        | 91        | 97        | 96        | 92        | 90        | 89        | 91        | 91        | 86        | 87        | 83        | 83        | 83        |
| Namibia         | 79        | 78        | 77        | 79        | 81        | 86        | 86        | 86        | 83        | 83        | 83        | 82        | 84        | 89        | 88        | 92        | 85        | 88        | 89        | 87        | 93        | 94        | 84        | 83        | 74        | 82        |
| Ethiopia        | 30        | 32        | 35        | 37        | 39        | 43        | 46        | 50        | 54        | 58        | 61        | 65        | 61        | 59        | 61        | 62        | 64        | 65        | 68        | 70        | 71        | 69        | 71        | 75        | 75        | 81        |
| <b>**ESAR**</b> | <b>59</b> | <b>62</b> | <b>63</b> | <b>65</b> | <b>66</b> | <b>68</b> | <b>70</b> | <b>71</b> | <b>72</b> | <b>74</b> | <b>76</b> | <b>77</b> | <b>76</b> | <b>76</b> | <b>78</b> | <b>78</b> | <b>78</b> | <b>78</b> | <b>80</b> | <b>81</b> | <b>79</b> | <b>77</b> | <b>77</b> | <b>79</b> | <b>79</b> | <b>80</b> |
| Comoros         | 70        | 70        | 89        | 80        | 76        | 68        | 69        | 75        | 81        | 83        | 74        | 83        | 86        | 83        | 80        | 80        | 75        | 79        | 77        | 78        | 74        | 72        | 78        | 75        | 75        | 75        |
| South Sudan     |           |           |           |           |           |           |           |           |           |           |           | 61        | 63        | 53        | 50        | 46        | 45        | 52        | 59        | 61        | 67        | 69        | 73        | 73        | 73        | 73        |
| Somalia         | 33        | 33        | 40        | 40        | 30        | 35        | 26        | 40        | 31        | 42        | 45        | 41        | 42        | 44        | 46        | 48        | 49        | 51        | 53        | 57        | 55        | 62        | 71        | 69        | 70        | 72        |
| Mozambique      | 70        | 73        | 76        | 85        | 83        | 80        | 78        | 75        | 75        | 74        | 74        | 77        | 80        | 82        | 85        | 85        | 85        | 85        | 85        | 85        | 71        | 56        | 55        | 70        | 70        | 70        |
| South Africa    | 73        | 71        | 70        | 69        | 74        | 81        | 84        | 85        | 82        | 81        | 77        | 75        | 71        | 81        | 85        | 85        | 85        | 84        | 82        | 85        | 84        | 86        | 85        | 79        | 74        | 65        |
| Madagascar      | 57        | 60        | 62        | 66        | 78        | 85        | 85        | 84        | 77        | 77        | 70        | 73        | 68        | 70        | 68        | 62        | 68        | 65        | 74        | 69        | 67        | 55        | 57        | 65        | 60        | 64        |
| Angola          | 31        | 42        | 47        | 46        | 47        | 47        | 44        | 43        | 45        | 47        | 49        | 50        | 52        | 54        | 55        | 56        | 57        | 55        | 64        | 61        | 55        | 50        | 48        | 60        | 58        | 52        |



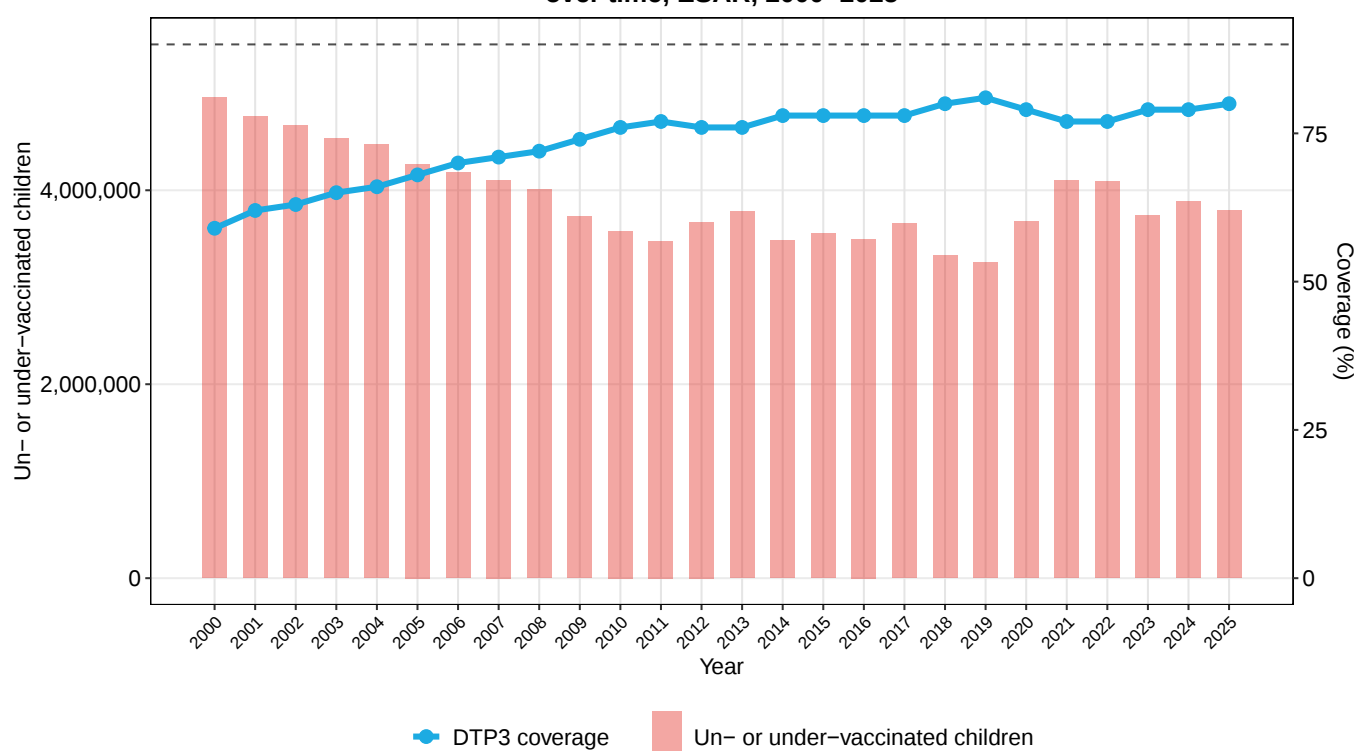
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.  
Note: Countries ordered based on descending DTP3 coverage in 2025.

## DTP3 coverage (%), by country, ESAR Region, 2025



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.  
 Note: This map is stylized and based on an approximate scale.  
 This map does not reflect a position by UNICEF or WHO on the legal status of any country or territory or the delimitation of any frontiers.

## DTP3 coverage and un- or under-vaccinated children over time, ESAR, 2000-2025



Dotted line shows the IA2030 target of 90% coverage  
 Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

## MCV: Canary in the coal mine

- MCV1 coverage in 2025 was 77%, the same as in 2019 and 2024.
- Coverage of the second dose of the measles-containing vaccine (MCV2) in 2025 was 65%, higher than in both 2019 (49%) and 2024 (61%). This still leaves 4.2 million children without any protection and another 2 million with only partial protection against the measles virus.
- In 2025, 9% of children who received DTP1 did not receive MCV1. This 9% dropout rate was the same as in 2019 but lower than the 2024 dropout rate (10%).
- Medium DTP-MCV dropout rates imply moderate retention in immunization programmes.
- 7 countries (Angola, Comoros, Ethiopia, Madagascar, Mozambique, Somalia, and South Sudan) had MCV1 coverage below 80% for all of the last 3 years.
- In 2025, Ethiopia had the highest number of children who did not receive the measles vaccine (935,000), representing approximately 22% of all children unprotected against measles in ESAR (4.2 million).

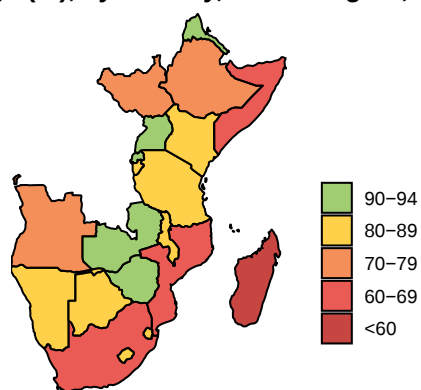
MCV1 coverage (%), by country,  
ESAR Region, 2000–2025

|                 | 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      | 2025      |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Eritrea         | 76        | 84        | 83        | 92        | 96        | 95        | 94        | 92        | 91        | 93        | 95        | 96        | 98        | 94        | 90        | 97        | 95        | 93        | 93        | 93        | 93        | 93        | 93        | 93        | 93        | 93        |
| Rwanda          | 74        | 69        | 69        | 90        | 84        | 89        | 95        | 94        | 92        | 95        | 95        | 95        | 97        | 95        | 97        | 96        | 95        | 97        | 99        | 96        | 94        | 87        | 99        | 96        | 97        | 93        |
| Uganda          | 57        | 59        | 62        | 64        | 66        | 68        | 75        | 75        | 70        | 77        | 73        | 75        | 80        | 83        | 85        | 79        | 79        | 83        | 86        | 87        | 89        | 90        | 91        | 91        | 92        | 92        |
| Zambia          | 85        | 84        | 84        | 84        | 85        | 85        | 85        | 93        | 87        | 90        | 96        | 83        | 82        | 80        | 85        | 90        | 97        | 96        | 94        | 93        | 96        | 90        | 88        | 86        | 91        | 92        |
| Zimbabwe        | 75        | 73        | 70        | 68        | 66        | 67        | 68        | 69        | 70        | 76        | 90        | 92        | 97        | 93        | 92        | 86        | 95        | 90        | 88        | 85        | 85        | 88        | 90        | 90        | 90        | 90        |
| Eswatini        | 92        | 93        | 93        | 93        | 93        | 93        | 93        | 94        | 94        | 94        | 94        | 87        | 88        | 97        | 97        | 89        | 89        | 89        | 85        | 81        | 76        | 80        | 83        | 85        | 85        | 88        |
| Malawi          | 73        | 81        | 69        | 77        | 80        | 82        | 85        | 83        | 88        | 92        | 93        | 96        | 90        | 88        | 85        | 87        | 81        | 83        | 87        | 92        | 90        | 90        | 82        | 87        | 89        | 88        |
| Burundi         | 72        | 73        | 75        | 76        | 78        | 87        | 92        | 88        | 84        | 91        | 92        | 93        | 93        | 98        | 94        | 93        | 93        | 90        | 88        | 92        | 90        | 90        | 89        | 86        | 86        | 86        |
| Namibia         | 69        | 58        | 68        | 70        | 70        | 73        | 63        | 69        | 73        | 76        | 75        | 74        | 76        | 82        | 83        | 85        | 75        | 80        | 82        | 80        | 90        | 91        | 89        | 86        | 79        | 84        |
| Tanzania        | 78        | 86        | 89        | 97        | 94        | 91        | 93        | 90        | 88        | 91        | 92        | 93        | 97        | 99        | 97        | 95        | 83        | 90        | 88        | 89        | 87        | 80        | 84        | 84        | 84        | 84        |
| Botswana        | 91        | 91        | 92        | 92        | 93        | 93        | 94        | 95        | 95        | 96        | 96        | 97        | 97        | 97        | 97        | 97        | 97        | 97        | 97        | 97        | 87        | 97        | 90        | 97        | 97        | 83        |
| Kenya           | 78        | 77        | 78        | 72        | 73        | 69        | 77        | 80        | 90        | 88        | 86        | 87        | 93        | 94        | 95        | 96        | 93        | 84        | 92        | 92        | 89        | 88        | 85        | 85        | 82        | 80        |
| Lesotho         | 74        | 70        | 78        | 85        | 84        | 83        | 82        | 81        | 80        | 84        | 88        | 92        | 91        | 90        | 92        | 93        | 90        | 89        | 89        | 90        | 90        | 90        | 84        | 76        | 90        | 80        |
| <b>**ESAR**</b> | <b>58</b> | <b>61</b> | <b>63</b> | <b>64</b> | <b>65</b> | <b>65</b> | <b>68</b> | <b>70</b> | <b>72</b> | <b>75</b> | <b>76</b> | <b>77</b> | <b>77</b> | <b>76</b> | <b>76</b> | <b>76</b> | <b>74</b> | <b>74</b> | <b>77</b> | <b>78</b> | <b>77</b> | <b>74</b> | <b>75</b> | <b>77</b> | <b>76</b> | <b>77</b> |
| Ethiopia        | 28        | 29        | 32        | 33        | 35        | 40        | 44        | 49        | 54        | 59        | 64        | 68        | 62        | 55        | 54        | 56        | 57        | 59        | 62        | 65        | 67        | 65        | 67        | 71        | 72        | 77        |
| South Sudan     |           |           |           |           |           |           |           |           |           |           |           | 62        | 59        | 57        | 54        | 52        | 51        | 56        | 61        | 65        | 69        | 74        | 72        | 72        | 72        | 72        |
| Angola          | 41        | 72        | 74        | 62        | 64        | 45        | 48        | 58        | 58        | 58        | 59        | 59        | 59        | 59        | 56        | 52        | 49        | 47        | 56        | 59        | 54        | 48        | 50        | 63        | 53        | 71        |
| Comoros         | 70        | 70        | 71        | 67        | 76        | 67        | 66        | 65        | 76        | 79        | 72        | 79        | 85        | 82        | 80        | 81        | 77        | 75        | 74        | 76        | 75        | 68        | 71        | 70        | 70        | 70        |
| South Africa    | 72        | 69        | 65        | 62        | 63        | 64        | 69        | 68        | 73        | 77        | 72        | 77        | 79        | 78        | 84        | 86        | 84        | 81        | 81        | 83        | 84        | 87        | 86        | 80        | 76        | 66        |
| Mozambique      | 71        | 74        | 77        | 80        | 79        | 78        | 76        | 75        | 77        | 80        | 82        | 82        | 83        | 83        | 83        | 83        | 83        | 83        | 83        | 83        | 73        | 62        | 63        | 65        | 65        | 65        |
| Somalia         | 24        | 20        | 45        | 40        | 40        | 35        | 35        | 35        | 34        | 43        | 46        | 46        | 46        | 47        | 48        | 50        | 51        | 52        | 53        | 52        | 52        | 58        | 69        | 63        | 64        | 61        |
| Madagascar      | 57        | 59        | 61        | 65        | 79        | 74        | 71        | 81        | 70        | 63        | 66        | 62        | 63        | 64        | 66        | 60        | 62        | 55        | 68        | 60        | 55        | 43        | 44        | 51        | 46        | 49        |



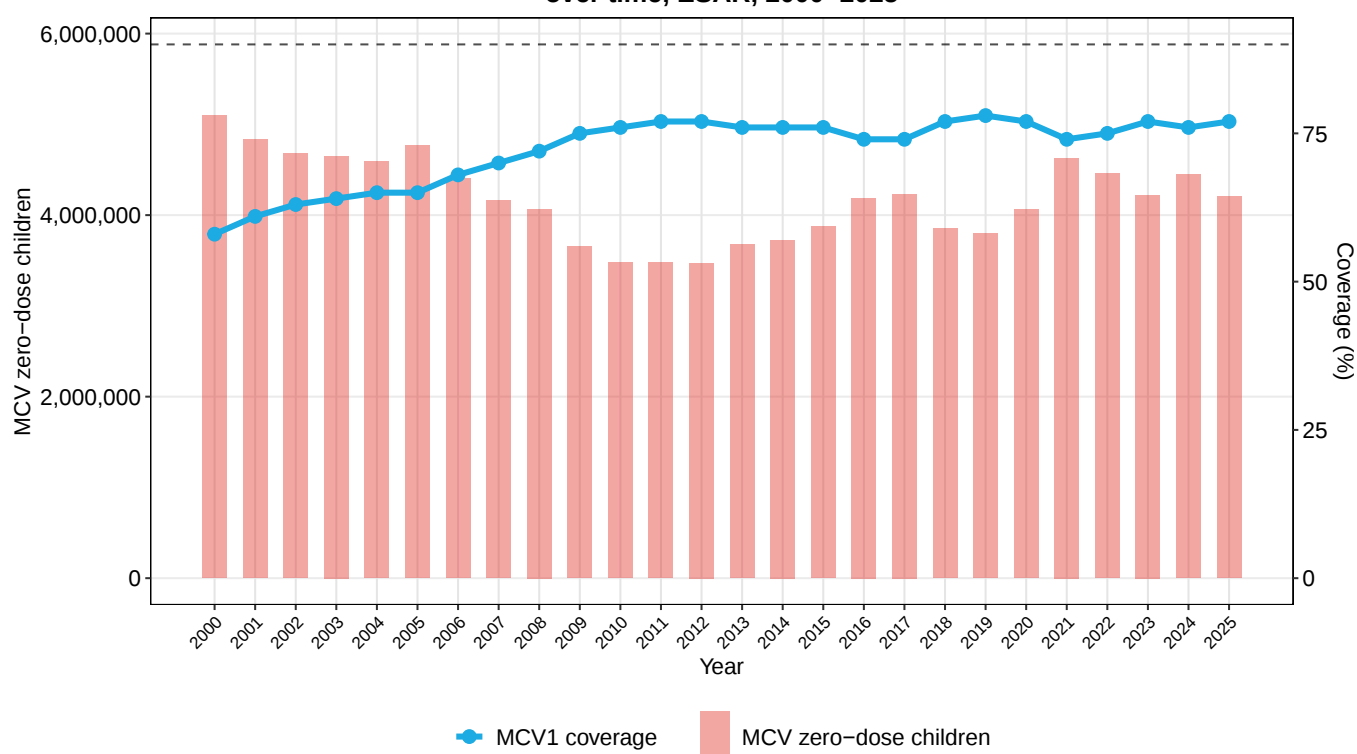
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.  
Note: Countries ordered based on descending MCV1 coverage in 2025.

## MCV1 coverage (%), by country, ESAR Region, 2025



Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.  
 Note: This map is stylized and based on an approximate scale.  
 This map does not reflect a position by UNICEF or WHO on the legal status of any country or territory or the delimitation of any frontiers.

## MCV coverage and MCV zero-dose children over time, ESAR, 2000-2025

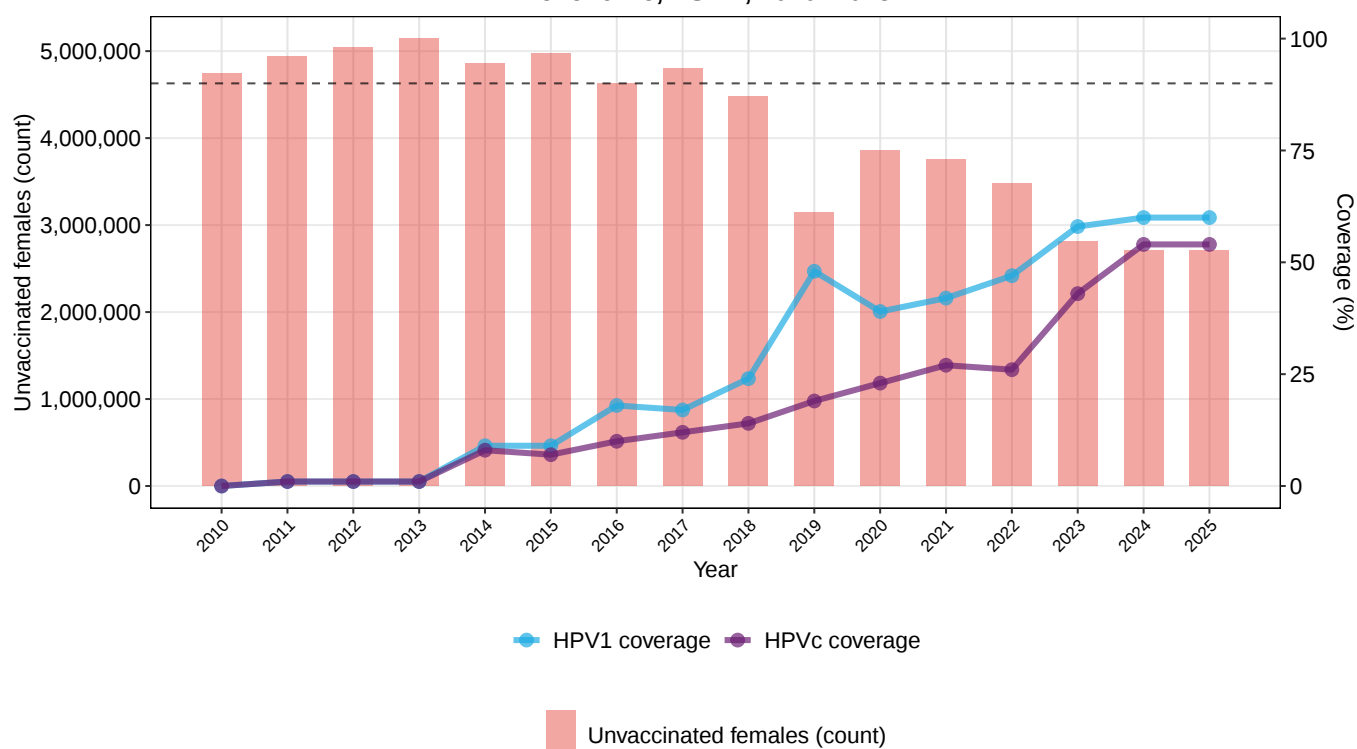


Dotted line shows the IA2030 target of 90% coverage  
 Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

## HPV

- Programme coverage of the first dose of HPV vaccine (HPV1) among girls stood at 60% in 2025, which was the same as the coverage in 2024.
- Coverage of the last dose (HPVc) stood at 54% in 2025, which was the same as the coverage in 2024.
- HPVc coverage remains well below the IA2030 target of 90%.
- In 2025, there were 2.7 million girls who did not receive any HPV vaccination.
- In ESAR, 18 out of 21 countries (86%) had introduced HPV vaccination by 2025.
  - WUENIC HPV coverage estimates are available for 14 of these countries in 2025.
  - The 4 countries that have introduced HPV vaccination but do not yet have WUENIC coverage data available for 2025 are Angola, Comoros, Madagascar, and Namibia.
- The 3 countries that had not introduced HPV vaccination are Burundi, Somalia, and South Sudan.

**HPV1 and HPVc coverage and unvaccinated females over time, ESAR, 2010–2025**



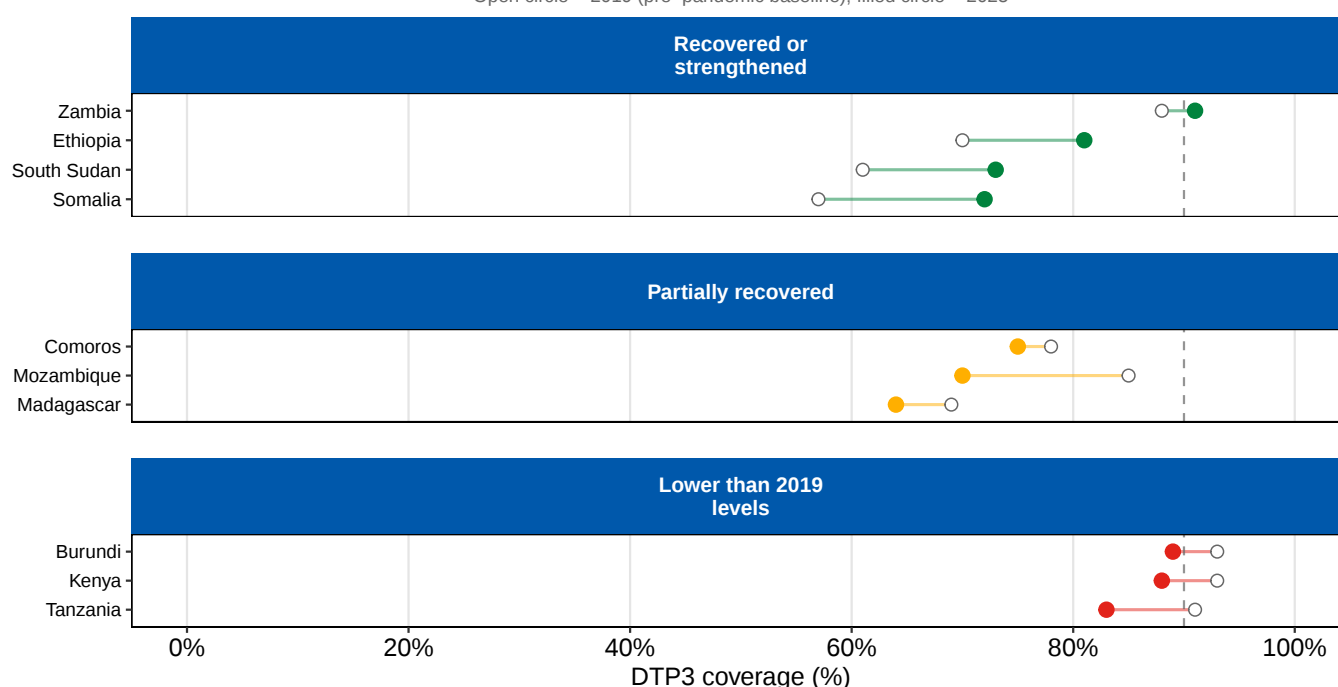
Dotted line shows the IA2030 target of 90% coverage  
Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

## Priority countries supported to recover from the COVID-19 pandemic

- Of the 35 countries that were globally supported for the Big Catch-up, 10 are in ESAR.
  - Ethiopia, Somalia, South Sudan, and Zambia fully recovered to or exceeded their 2019 DTP3 levels.
  - 3 countries (Comoros, Madagascar, and Mozambique) are on the path to recovery to 2019 DTP3 levels.
  - 3 countries (Burundi, Kenya, and Tanzania) have not yet recovered, with stagnation or decline from 2019 DTP3 levels.
  - South Sudan did not experience any decline in DTP3 levels between 2019 and 2025.

### DTP3 coverage recovery from COVID-19 pandemic, ESAR

Open circle = 2019 (pre-pandemic baseline); filled circle = 2025



Dotted line shows the IA2030 target of 90% coverage.

Countries shown are Big Catch-Up priority countries in ESAR.

Source: WHO/UNICEF estimates of national immunization coverage, 2025 revision.

### Recovery Methodology

This analysis tracks DTP3 coverage trends from 2019 to 2025 to assess post-pandemic recovery. Countries are categorized based on their progress toward 2019 baseline levels:

- **Recovered or strengthened:** 2025 coverage is equal to or higher than 2019 levels.
- **Partially recovered:** Coverage in 2025 is still below 2019 levels but has improved by at least 3 percentage points from its lowest point in 2020 or 2021.
- **Lower than 2019 levels:** Coverage in 2025 remains below 2019 levels and has shown less than 3 percentage points of improvement from its lowest point in 2020 or 2021.

## Appendix

### WHO/UNICEF Estimates of National Immunization Coverage (WUENIC)

Each year, WHO and UNICEF review national immunization data from Member States, including administrative and official coverage, survey estimates and contextual information, and use rules-based data triangulation approach to assess coverage. Estimates are produced independently, without borrowing data from other countries, and are not based on ad hoc adjustments. In some cases, they rely on a single source, typically nationally reported coverage. When data for a specific country-vaccine-year are unavailable, values from adjacent years are interpolated or extrapolated, and conflicting sources are assessed to determine the most reliable estimate, considering potential biases and expert opinion.

Methods:

- [Burton et al. 2009. WHO and UNICEF estimates of national infant immunization coverage: methods and processes](#)
- [Burton et al. 2012. A formal representation of the WHO and UNICEF estimates of national immunization coverage: a computational logic approach](#)
- [Brown et al. 2013. An introduction to the grade of confidence used to characterize uncertainty around the WHO and UNICEF estimates of national immunization coverage](#)

These talking points present the latest WUENIC estimates (published 15 July 2026).

### Definitions of immunization terms:

- Bacillus Calmette-Guerin (BCG): vaccine against tuberculosis
- Hepatitis B birth dose, given within 24 hours after birth (HepBB)
- Diphtheria, tetanus, and pertussis vaccine, first dose (DTP1) and third dose (DTP3)
- Hepatitis B vaccine, third dose (HepB3)
- Haemophilus influenzae type B vaccine, third dose (Hib3)
- Inactivated polio vaccine, first dose (IPV1) and last dose (IPVC)
- Measles containing vaccine, first dose (MCV1) and second dose (MCV2)
- Rotavirus vaccine, last dose (RotaC)
- Pneumococcal vaccine, last dose (PCV)
- Yellow Fever vaccine (YFV)
- Meningococcal A vaccine (MengA)
- Human Papillomavirus vaccine, first dose (HPV1) and last dose (HPVc)

**Additional resources:** <https://data.unicef.org/resources/immunization/>