# 2 Assessment against benchmarks

## The results

This chapter reports the Productivity Commission’s assessment of each State’s and Territory’s achievement of the benchmarks in the NP.

## New South Wales

### NSW met all four benchmarks

#### **Benchmark 1: maintaining or increasing vaccine coverage for Indigenous Australians**

Benchmark 1 was MET: Vaccination rates for Indigenous children were higher than the baseline for all three age groups (table 2.1).

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| Table 2.1 Vaccination coverage rates among Indigenous children in NSW  **Benchmark 1: Maintaining or increasing vaccine coverage for Indigenous Australians** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 87.1 | 93.7 | 🡩 | **✓** | | 24–27 months | 91.7 | 95.7 | 🡩 | **✓** | | 60–63 months | 93.6 | 96.4 | 🡩 | **✓** | |
| a The benchmark is met if at least two of the three age groups have coverage rates equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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#### **Benchmark 2: maintaining or increasing coverage in agreed areas of low immunisation coverage**

Benchmark 2 was MET: NSW had no areas in the current period that met the specifications for agreed areas of low coverage (for the baseline and current period, areas with coverage 5 per cent or less than the national average and with at least 2 per cent of the State population for the relevant age group). As there were no low coverage areas (as per the specifications) for the current period, the benchmark was assessed as met.

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| **Benchmark met** |

#### **Benchmark 3: maintaining or decreasing wastage and leakage**

Benchmark 3 was MET: The rate of wastage or leakage was lower than the benchmark (table 2.3).

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| Table 2.3 Vaccines lost to wastage or leakage in NSW  **Benchmark 3: Maintaining or decreasing wastage and leakage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Benchmark (%) | Result (%) | Assessmenta | | | Vaccines wasted or leaked | 10.0 | 5.5 | 🡫 | **✓** | |
| a The benchmark is met if wastage or leakage is less than or equal to 10 per cent. |
| **Benchmark met** |
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#### **Benchmark 4: maintaining or increasing vaccination coverage for four year olds**

Benchmark 4 was MET: Vaccination rates for four year old children were higher than the baseline (table 2.4).

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| Table 2.4 Vaccination coverage among four year olds in NSW  **Benchmark 4: Maintaining or increasing vaccination coverage for four year olds** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 60–63 months | 92.2 | 93.5 | 🡩 | **✓** | |
| a The benchmark is met if the coverage rate is equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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## Victoria

### Victoria met all four benchmarks

#### **Benchmark 1: maintaining or increasing vaccine coverage for Indigenous Australians**

Benchmark 1 was MET: Vaccination rates for Indigenous children were higher than the baseline for all three age groups (table 2.5).

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| Table 2.5 Vaccination coverage rates among Indigenous children in Victoria  **Benchmark 1: Maintaining or increasing vaccine coverage for Indigenous Australians** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 85.5 | 91.2 | 🡩 | **✓** | | 24–27 months | 91.7 | 95.9 | 🡩 | **✓** | | 60–63 months | 91.0 | 93.4 | 🡩 | **✓** | |
| a The benchmark is met if at least two of the three age groups have coverage rates equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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#### **Benchmark 2: maintaining or increasing coverage in agreed areas of low immunisation coverage**

Benchmark 2 was MET: Victoria had no areas that met the specifications for agreed areas of low coverage (for the current and baseline periods, areas with coverage 5 per cent or less than the national average and with at least 2 per cent of the State population for the relevant age group). As there were no low coverage areas (as per the specifications), the benchmark was assessed as met.

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| **Benchmark met** |

#### **Benchmark 3: maintaining or decreasing wastage and leakage**

Benchmark 3 was MET: The rate of wastage or leakage was lower than the benchmark (table 2.6).

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| Table 2.6 Vaccines lost to wastage or leakage in Victoria  **Benchmark 3: Maintaining or decreasing wastage or leakage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Maximum (%) | Result (%) | Assessmenta | | | Vaccines wasted or leaked | 10.0 | 4.2 | 🡫 | **✓** | |
| a The benchmark is met if wastage or leakage is less than or equal to 10 per cent. |
| **Benchmark met** |
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#### **Benchmark 4: maintaining or increasing vaccination coverage for four year olds**

Benchmark 4 was MET: Vaccination rates for four year old children were higher than the baseline (table 2.7).

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| Table 2.7 Vaccination coverage among four year olds in Victoria  **Benchmark 4: Maintaining or increasing vaccination coverage for four year olds** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 60–63 months | 92.3 | 93.8 | 🡩 | **✓** | |
| a The benchmark is met if the coverage rate is equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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## Queensland

### Queensland met all four benchmarks

#### **Benchmark 1: maintaining or increasing vaccine coverage for Indigenous Australians**

Benchmark 1 was MET: Vaccination rates for Indigenous children were higher than the baseline for all three age groups (table 2.8).

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| Table 2.8 Vaccination coverage rates among Indigenous children in Queensland  **Benchmark 1: Maintaining or increasing vaccine coverage for Indigenous Australians** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 85.5 | 91.5 | 🡩 | **✓** | | 24–27 months | 92.9 | 95.6 | 🡩 | **✓** | | 60–63 months | 93.4 | 95.8 | 🡩 | **✓** | |
| a The benchmark is met if at least two of the three age groups have coverage rates equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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#### **Benchmark 2: maintaining or increasing coverage in agreed areas of low immunisation coverage**

Benchmark 2 was MET: Queensland had no areas that met the specifications for agreed areas of low coverage (for the current and baseline periods, areas with coverage 5 per cent or less than the national average and with at least 2 per cent of the State population for the relevant age group). As there were no low coverage areas (as per the specifications), the benchmark was assessed as met.

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| **Benchmark met** |

#### **Benchmark 3: maintaining or decreasing wastage and leakage**

Benchmark 3 was MET: The rate of wastage or leakage was lower than the benchmark (table 2.9).

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| Table 2.9 Vaccines lost to wastage or leakage in Queensland  **Benchmark 3: Maintaining or decreasing wastage or leakage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Maximum (%) | Result (%) | Assessmenta | | | Vaccines wasted or leaked | 10.0 | 1.3 | 🡫 | **✓** | |
| a The benchmark is met if wastage or leakage is less than or equal to 10 per cent. |
| **Benchmark met** |
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#### **Benchmark 4: maintaining or increasing vaccination coverage for four year olds**

Benchmark 4 was MET: Vaccination rates for four year old children were higher than the baseline (table 2.10).

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| Table 2.10 Vaccination coverage among four year olds in Queensland  **Benchmark 4: Maintaining or increasing vaccination coverage for four year olds** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 60–63 months | 92.1 | 93.5 | 🡩 | **✓** | |
| a The benchmark is met if the coverage rate is equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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## Western Australia

### Western Australia met all four benchmarks

#### **Benchmark 1: maintaining or increasing vaccine coverage for Indigenous Australians**

Benchmark 1 was MET: Vaccination rates for Indigenous children were higher than the baseline for all three age groups (table 2.11).

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| Table 2.11 Vaccination coverage rates among Indigenous children in WA  **Benchmark 1: Maintaining or increasing vaccine coverage for Indigenous Australians** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 82.7 | 88.1 | 🡩 | **✓** | | 24–27 months | 90.4 | 93.1 | 🡩 | **✓** | | 60–63 months | 90.3 | 94.1 | 🡩 | **✓** | |
| a The benchmark is met if at least two of the three age groups have coverage rates equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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#### **Benchmark 2: maintaining or increasing coverage in agreed areas of low immunisation coverage**

Benchmark 2 was MET: WA had no areas in the current period that met the specifications for agreed areas of low coverage (for the baseline and current period, areas with coverage 5 per cent or less than the national average and with at least 2 per cent of the State population for the relevant age group). As there were no low coverage areas (as per the specifications) for the current period, the benchmark was assessed as met.

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| **Benchmark met** |

#### **Benchmark 3: maintaining or decreasing wastage and leakage**

Benchmark 3 was MET: The rate of wastage or leakage was lower than the benchmark (table 2.13).

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| Table 2.13 Vaccines lost to wastage or leakage in WA  **Benchmark 3: Maintaining or decreasing wastage or leakage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Maximum (%) | Result (%) | Assessmenta | | | Vaccines wasted or leaked | 10.0 | 4.4 | 🡫 | **✓** | |
| a The benchmark is met if wastage or leakage is less than or equal to 10 per cent. |
| **Benchmark met** |
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#### **Benchmark 4: maintaining or increasing vaccination coverage for four year olds**

Benchmark 4 was MET: Vaccination rates for four year old children were higher than the baseline (table 2.14).

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| Table 2.14 Vaccination coverage among four year olds in WA  **Benchmark 4: Maintaining or increasing vaccination coverage for four year olds** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 60–63 months | 89.6 | 91.5 | 🡩 | **✓** | |
| a The benchmark is met if the coverage rate is equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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## South Australia

### South Australia has met all four benchmarks

#### **Benchmark 1: maintaining or increasing vaccine coverage for Indigenous Australians**

Benchmark 1 was MET: Vaccination rates for Indigenous children were higher than the baseline for all three age groups (table 2.15).

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| Table 2.15 Vaccination coverage rates among Indigenous children in SA  **Benchmark 1: Maintaining or increasing vaccine coverage for Indigenous Australians** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 79.5 | 92.4 | 🡩 | **✓** | | 24–27 months | 88.9 | 94.3 | 🡩 | **✓** | | 60–63 months | 87.2 | 92.8 | 🡩 | **✓** | |
| a The benchmark is met if at least two of the three age groups have coverage rates equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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#### **Benchmark 2: maintaining or increasing coverage in agreed areas of low immunisation coverage**

Benchmark 2 was MET: SA had no areas that met the specifications for agreed areas of low coverage (for the current and baseline periods, areas with coverage 5 per cent or less than the national average and with at least 2 per cent of the State population for the relevant age group). As there were no low coverage areas (as per the specifications), the benchmark was assessed as met.

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| **Benchmark met** |

#### **Benchmark 3: maintaining or decreasing wastage and leakage**

Benchmark 3 was MET: The rate of wastage or leakage was lower than the benchmark (table 2.16).

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| Table 2.16 Vaccines lost to wastage or leakage in SA  **Benchmark 3: Maintaining or decreasing wastage or leakage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Maximum (%) | Result (%) | Assessmenta | | | Vaccines wasted or leaked | 10.0 | 2.8 | 🡫 | **✓** | |
| a The benchmark is met if wastage or leakage is less than or equal to 10 per cent. |
| **Benchmark met** |
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#### **Benchmark 4: maintaining or increasing vaccination coverage for four year olds**

Benchmark 4 was MET: Vaccination rates for four year old children were higher than the baseline (table 2.17).

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| Table 2.17 Vaccination coverage among four year olds in SA  **Benchmark 4: Maintaining or increasing vaccination coverage for four year olds** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 60–63 months | 90.6 | 93.4 | 🡩 | **✓** | |
| a The benchmark is met if the coverage rate is equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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## Tasmania

### Tasmania has met all four benchmarks

#### **Benchmark 1: maintaining or increasing vaccine coverage for Indigenous Australians**

Benchmark 1 was MET: Vaccination rates for Indigenous children were higher than the baseline for all three age groups (table 2.18).

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| Table 2.18 Vaccination coverage rates among Indigenous children in Tasmania  **Benchmark 1: Maintaining or increasing vaccine coverage for Indigenous Australians** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 89.7 | 94.1 | 🡩 | **✓** | | 24–27 months | 93.2 | 96.9 | 🡩 | **✓** | | 60–63 months | 91.4 | 95.4 | 🡩 | **✓** | |
| a The benchmark is met if at least two of the three age groups have coverage rates equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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#### **Benchmark 2: maintaining or increasing coverage in agreed areas of low immunisation coverage**

Benchmark 2 was MET: Tasmania had no areas that met the specifications for agreed areas of low coverage (for the current and baseline periods, areas with coverage 5 per cent or less than the national average and with at least 2 per cent of the State population for the relevant age group). As there were no low coverage areas (as per the specifications), the benchmark was assessed as met.

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| **Benchmark met** |

#### **Benchmark 3: maintaining or decreasing wastage and leakage**

Benchmark 3 was MET: The rate of wastage or leakage was lower than the benchmark (table 2.19).

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| Table 2.19 Vaccines lost to wastage or leakage in Tasmania  **Benchmark 3: Maintaining or decreasing wastage or leakage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Maximum (%) | Result (%) | Assessmenta | | | Vaccines wasted or leaked | 10.0 | 4.7 | 🡫 | **✓** | |
| a The benchmark is met if wastage or leakage is less than or equal to 10 per cent. |
| **Benchmark met** |
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#### **Benchmark 4: maintaining or increasing vaccination coverage for four year olds**

Benchmark 4 was MET: Vaccination rates for four year old children were higher than the baseline (table 2.20).

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| Table 2.20 Vaccination coverage among four year olds in Tasmania  **Benchmark 4: Maintaining or increasing vaccination coverage for four year olds** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 60–63 months | 92.1 | 94.1 | 🡩 | **✓** | |
| a The benchmark is met if the coverage rate is equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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## Australian Capital Territory

### The Australian Capital Territory has met all four benchmarks

#### **Benchmark 1: maintaining or increasing vaccine coverage for Indigenous Australians**

Benchmark 1 was MET: Vaccination rates for Indigenous children were higher than the baseline for two of the three age groups — lower than the baseline and 92.5 per cent for the 60-63 month age group (table 2.21).

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| Table 2.21 Vaccination coverage rates among Indigenous children in the ACT  **Benchmark 1: Maintaining or increasing vaccine coverage for Indigenous Australians** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 91.7 | 92.9 | 🡩 | **✓** | | 24–27 months | 92.5 | 95.8 | 🡩 | **✓** | | 60–63 months | 93.0 | 92.0 | 🡫 | **🗶** | |
| a The benchmark is met if at least two of the three age groups have coverage rates equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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#### **Benchmark 2: maintaining or increasing coverage in agreed areas of low immunisation coverage**

Benchmark 2 was MET: the ACT had no areas that met the specifications for agreed areas of low coverage (for the current and baseline periods, areas with coverage 5 per cent or less than the national average and with at least 2 per cent of the State population for the relevant age group). As there were no low coverage areas (as per the specifications), the benchmark was assessed as met.

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| **Benchmark met** |

#### **Benchmark 3: maintaining or decreasing wastage and leakage**

Benchmark 3 was MET: The rate of wastage or leakage was lower than the benchmark (table 2.22).

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| Table 2.22 Vaccines lost to wastage or leakage in the ACT  **Benchmark 3: Maintaining or decreasing wastage or leakage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Maximum (%) | Result (%) | Assessmenta | | | Vaccines wasted or leaked | 10.0 | 2.7 | 🡫 | **✓** | |
| a The benchmark is met if wastage or leakage is less than or equal to 10 per cent. |
| **Benchmark met** |
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#### **Benchmark 4: maintaining or increasing vaccination coverage for four year olds**

Benchmark 4 was MET: Vaccination rates for four year old children were higher than the baseline (table 2.23).

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| Table 2.23 Vaccination coverage among four year olds in the ACT  **Benchmark 4: Maintaining or increasing vaccination coverage for four year olds** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 60–63 months | 91.8 | 93.6 | 🡩 | **✓** | |
| a The benchmark is met if the coverage rate is equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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## Northern Territory

### The Northern Territory has met all four benchmarks

#### **Benchmark 1: maintaining or increasing vaccine coverage for Indigenous Australians**

Benchmark 1 was MET: Vaccination rates for Indigenous children were higher than the baseline for two age groups — lower than the baseline, but above 92.5 per cent, for the 60-63 month age group (table 2.24).

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| Table 2.24 Vaccination coverage rates among Indigenous children in the NT  **Benchmark 1: Maintaining or increasing vaccine coverage for Indigenous Australians** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 89.4 | 92.3 | 🡩 | **✓** | | 24–27 months | 95.6 | 96.3 | 🡩 | **✓** | | 60–63 months | 94.7 | 94.2 | 🡫 | **🗶** | |
| a The benchmark is met if at least two of the three age groups have coverage rates equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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#### **Benchmark 2: maintaining or increasing coverage in agreed areas of low immunisation coverage**

Benchmark 2 was MET: the NT had no areas that met the specifications for agreed areas of low coverage (for the current and baseline periods, areas with coverage 5 per cent or less than the national average and with at least 2 per cent of the State population for the relevant age group). As there were no low coverage areas (as per the specifications), the benchmark was assessed as met.

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| **Benchmark met** |

#### **Benchmark 3: maintaining or decreasing wastage and leakage**

Benchmark 3 was MET: The rate of wastage or leakage was lower than the benchmark (table 2.25).

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| Table 2.25 Vaccines lost to wastage or leakage in the NT  **Benchmark 3: Maintaining or decreasing wastage or leakage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Maximum (%) | Result (%) | Assessmenta | | | Vaccines wasted or leaked | 10.0 | 8.0 | 🡫 | **✓** | |
| a The benchmark is met if wastage or leakage is less than or equal to 10 per cent. |
| **Benchmark met** |
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#### **Benchmark 4: maintaining or increasing vaccination coverage for four year olds**

Benchmark 4 was MET: Vaccination rates for four year old children were higher than the baseline (table 2.26).

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| Table 2.26 Vaccination coverage among four year olds in the NT  **Benchmark 4: Maintaining or increasing vaccination coverage for four year olds** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 60–63 months | 91.2 | 92.4 | 🡩 | **✓** | |
| a The benchmark is met if the coverage rate is equal to or higher than the baseline or 92.5 per cent. |
| **Benchmark met** |
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