# 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 | 85.8 | 90.4 | 🡩 | **✓** | | 24–27 months | 91.7 | 92.9 | 🡩 | **✓** | | 60–63 months | 86.0 | 95.1 | 🡩 | **✓** | |
| 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: Vaccination rates for both age groups in low coverage areas were above the baseline (table 2.2).

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| Table 2.2 Low vaccine coverage areas in NSW  **Benchmark 2: Maintaining or increasing vaccine coverage in agreed areas of low vaccine coverage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 83.5 | 87.1 | 🡩 | **✓** | | 60–63 months | 89.9 | 91.4 | 🡩 | **✓** | |
| a The benchmark is met if coverage for both age groups is greater than or equal to the baseline. |
| **Benchmark met** |
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#### **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 | 5.4 | 🡫 | **✓** | |
| 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 2.4).

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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 | 89.8 | 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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## 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 two of the three age groups — lower than the baseline for the 24–27 months age group (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 | 85.2 | 87.4 | 🡩 | **✓** | | 24–27 months | 91.7 | 90.6 | 🡫 | **🗶** | | 60–63 months | 87.1 | 91.0 | 🡩 | **✓** | |
| 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: 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 | 5.1 | 🡫 | **✓** | |
| 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 | 91.3 | 92.3 | 🡩 | **✓** | |
| 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 | 85.4 | 86.8 | 🡩 | **✓** | | 24–27 months | 92.9 | 93.2 | 🡩 | **✓** | | 60–63 months | 88.8 | 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: 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 | 5.6 | 🡫 | **✓** | |
| 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 | 90.1 | 92.1 | 🡩 | **✓** | |
| 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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## 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 | 78.9 | 84.9 | 🡩 | **✓** | | 24–27 months | 89.4 | 91.6 | 🡩 | **✓** | | 60–63 months | 81.4 | 92.7 | 🡩 | **✓** | |
| 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: Vaccination rates were above the baseline for both age groups (table 2.12).

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| Table 2.12 Low vaccine coverage areas in WA  **Benchmark 2: Maintaining or increasing vaccine coverage in agreed areas of low vaccine coverage** |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Age | Baseline (%) | Result (%) | Assessmenta | | | 12–15 months | 84.3 | 85.2 | 🡩 | **✓** | | 60–63 months | 85.4 | 86.9 | 🡩 | **✓** | |
| a The benchmark is met if coverage for both age groups is greater than or equal to the baseline. |
| **Benchmark met** |
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#### **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 | 5.7 | 🡫 | **✓** | |
| 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 2.14).

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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 | 86.4 | 90.4 | 🡩 | **✓** | |
| 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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## 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 equal to or 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 | 78.2 | 87.7 | 🡩 | **✓** | | 24–27 months | 88.9 | 88.9 | — | **✓** | | 60–63 months | 78.6 | 89.2 | 🡩 | **✓** | |
| 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: 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 | 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 2.17).

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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 | 87.2 | 90.6 | 🡩 | **✓** | |
| 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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## Tasmania

### Tasmania has met three of the four benchmarks

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

Benchmark 1 was NOT MET: Vaccination rates for Indigenous children were higher for one of the three age groups — lower than the baseline for the 12–15 months and 24–27 months 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 | 87.4 | 🡫 | **🗶** | | 24–27 months | 93.2 | 90.3 | 🡫 | **🗶** | | 60–63 months | 90.7 | 91.4 | 🡩 | **✓** | |
| 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 not 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 | 4.5 | 🡫 | **✓** | |
| 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 2.20).

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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 | 90.7 | 92.1 | 🡩 | **✓** | |
| 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 all three age groups (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 | 89.0 | 93.6 | 🡩 | **✓** | | 24–27 months | 92.5 | 95.0 | 🡩 | **✓** | | 60–63 months | 88.5 | 97.4 | 🡩 | **✓** | |
| 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: 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 | 2.4 | 🡫 | **✓** | |
| 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 2.23).

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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 | 91.4 | 93.3 | 🡩 | **✓** | |
| 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 or 92.5 per cent for two out of the three age groups — lower for the 12–15 months 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 | 88.5 | 🡫 | **🗶** | | 24–27 months | 95.6 | 94.6 | 🡫 | **✓** | | 60–63 months | 91.2 | 95.2 | 🡩 | **✓** | |
| 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 | 5.2 | 🡫 | **✓** | |
| 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 2.26).

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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 | 88.7 | 91.8 | 🡩 | **✓** | |
| 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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