Vaccination uptake
The national immunisation coverage has increased for the first time in five years, for almost all vaccinations. The MMR-vaccination coverage (newborns) increased by 0.7% to 93.6%.

HPV vaccination coverage for girls has increased with 7.5% to 53%.

Imunosurveillance
The HPV seroprevalence in the Caribbean Netherlands was high among individuals aged ≥15 years:
- Women: 51%
- Men: 18%

Disease
The incidence of meningococcal serogroup W disease decreased in 2019 and the first months of 2020 after an increase from 2015 to 2018. In 2018 MenACWY vaccination was implemented.

<table>
<thead>
<tr>
<th>Year</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>9</td>
</tr>
<tr>
<td>2016</td>
<td>50</td>
</tr>
<tr>
<td>2017</td>
<td>80</td>
</tr>
<tr>
<td>2018</td>
<td>103</td>
</tr>
<tr>
<td>2019</td>
<td>62</td>
</tr>
<tr>
<td>2020</td>
<td>8</td>
</tr>
</tbody>
</table>

(up to July)

Adverse events
In 2019, 2,009 reports were made of a total of 7,378 possible adverse events following immunisation. An increase of 32%, mainly due to the catch-up campaign of MenACWY vaccination for adolescents (520 in 2019 vs. 121 in 2018).

Pathogen
From 1 October 2019 to 31 March 2020: 14 epidemiological mumps clusters (46 cases) identified. 11 of these clusters (27 cases) were confirmed as clusters using molecular sequencing.
New advices and decisions

No implementation of rotavirus high-risk group vaccination
The Ministry of Health, Welfare and Sport has decided to cancel the implementation of rotavirus vaccination for high-risk groups in the NIP in 2020. They asked for a new recommendation of the Health Council.

Varicella vaccination in the Caribbean Netherlands
The Health Council recommended positive on adding vaccination against varicella in the Caribbean Netherlands.

Pneumococcal vaccination for elderly
Due to the COVID-19 pandemic, priority for pneumococcal vaccination has been given to the oldest age groups: all 73-79 year olds.

Response measures COVID-19

Lower incidences reported
After implementation of COVID-19 social distancing measures in 2020 the reported incidence of pertussis, invasive pneumo-coccal disease, meningococcal disease and mumps was lower than expected based on previous years.

Limited effect on participation
The effect of the COVID-19 response measures seems limited on participation in the NIP in the first MMR vaccination, despite some vaccination delay.