Key Points

Influenza and influenza-like illnesses (ILI)
- **Summary**: Indicators of influenza activity remain at or below interseasonal levels.
- ILI activity at sentinel GPs and EDs remains below levels usually seen at this time of year.
- There was one positive influenza B sample reported by PathWest in the past week.
- Overall non-influenza activity remained low this week- the majority of detections were parainfluenza virus and rhinovirus.

Gastroenteritis
- The rate of gastroenteritis presentations to sentinel GPs and sentinel EDs remained in the lower range of levels normally reported at this time of year.
- PathWest laboratory detections of norovirus were low in the past week, and rotavirus notifications remained at low levels.

Other vaccine-preventable diseases
- **Shingles and chickenpox**: Shingles and chickenpox presentations reported by sentinel GPs were above baseline levels this week.
- **Measles**: No measles cases were notified in the past week.
- **Mumps**: No mumps cases were notified in the past week.
- **Rubella**: No rubella cases were notified in the past week.
- **Invasive meningococcal disease (IMD)**: No IMD cases were notified in the past week.

Other diseases
- **Coronavirus COVID-19**: As of 09 July 2020, a total of 627 COVID-19 cases have been confirmed in WA. See [webpage](http://www.health.wa.gov.au) for further information.
Influenza and influenza-like illnesses

The rate of ILI presentations to sentinel GPs in the past week is below levels usually reported during this time of year, and there were no samples submitted for influenza testing by sentinel GPs.

The following is a summary of current Emergency Department Sentinel Surveillance (EDSS) data for respiratory viral presentations.

Respiratory viral presentations and admissions to sentinel EDs decreased this week, and remain below levels usually seen at this time of year.
The number of respiratory viral presentations to sentinel EDs remains below levels usually reported at this time of the year.

*The graph is a summary of presentations at Emergency Department Sentinel Surveillance (EDSS) sites using the ICD codes B34.9 and J06.9 which are consistent with a clinical presentation of a viral illness. This data may differ from that presented in the Winter Respiratory Illness Report provided by the Information and System Performance Directorate.

Influenza notifications reported to the Department of Health in the past week remained below the seasonal threshold.

The graph is a summary of all influenza notifications received by the DoH, Western Australia to the end of the current reporting week, for which cases had date of symptom onset or specimen collection between 29/06/2020 and 05/07/2020. The seasonal threshold defines a value above which may indicate epidemic seasonal influenza activity. The threshold value is calculated based on analysis of seasonal influenza data from the past four years.
The percentage of specimens positive for influenza virus at PathWest remains below levels usually reported at this time of year. One of the of 801 specimens submitted for influenza testing was positive for influenza in the past week.

The graph is a summary of all WA samples reported by PathWest, excluding samples referred by other private laboratories for influenza subtyping.

One positive influenza B sample was reported by PathWest in the past week.

The graph is a summary of all WA samples positive for influenza reported at PathWest, excluding samples referred by other private laboratories for influenza subtyping. * These samples were tested using a rapid testing method that does not determine the influenza subtype (i.e. influenza A/H3N2 or A/H1N1).
Overall non-influenza activity remained low this week - the majority of detections were parainfluenza virus and rhinovirus.

The graph is a summary of all WA samples positive for a common respiratory virus other than influenza reported at PathWest.

COVID-19 activity remains low in WA. All COVID-19 detections with an optimal day of onset in the last seven days were overseas acquired.
The rate of gastroenteritis presentations to sentinel GPs this week is in the lower range of levels normally reported at this time of year.

Gastroenteritis presentations and admissions to sentinel EDs in the past week remained below baseline levels.

This graph is a summary of current EDIS data for gastroenteritis presentations and admissions. Baseline levels for gastroenteritis presentations and admissions were calculated using the mean of weekly EDIS data from week 1, 2015 to week 52, 2019.
The number of gastroenteritis presentations to sentinel EDs remains well below the range of values normally reported at this time of year.

**Viral rashes**

Shingles and chickenpox presentations reported by WA ASPREN GPs were above baseline level this week.

Baseline levels for chickenpox and shingles presentations to WA ASPREN GPs per thousand consultations were calculated using the mean of weekly WA ASPREN data from week 1, 2015 to week 52, 2019.
The following is a summary of current Emergency Department sentinel surveillance (EDSS) data for varicella-zoster virus presentations.

**ED varicella-zoster virus presentations**

<table>
<thead>
<tr>
<th>Week ending</th>
<th>No. of chickenpox presentations</th>
<th>No. of shingles presentations</th>
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<td>11</td>
</tr>
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<td>9</td>
</tr>
<tr>
<td>05/07/20</td>
<td>0</td>
<td>9</td>
</tr>
</tbody>
</table>

Shingles and chickenpox presentations to sentinel EDs were below baseline level this week.

Baseline levels for varicella-zoster virus presentations were calculated using the mean of weekly EDIS data from week 1, 2015 to week 52, 2019.

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