The B.1.1.7 Variant was first detected in the US at the end of December 2020.

The B.1.351 Variant was first detected in the US at the end of January 2021.

The P.1 Variant was identified in Brazilians that traveled to Japan in early January 2021 and was detected in the US at the end of January 2021.

All 3 variants appear to spread faster and easier than other variants out there.

Virus mutations occur as human and animal infections continue to increase. The mutations occur on the virus's spike proteins as either a substitution or deletion in its genes. This is an adaptable mechanism for the organism to survive.

How widely these variants are spread.

How the disease caused by these new variants differs from the disease caused by other variants that are currently circulating.

How these variants may affect existing therapies, vaccines, and tests.

PREVENTIVE MEASURES (4, 5, 6)

- Wash hands frequently with soap and water, or use an alcohol-based hand sanitizer
- Wear a mask when in public
- Stay at least 6 feet apart from others
- Avoid large gatherings
- Regularly wash and sanitize frequently touched surfaces

DATA (2)

<table>
<thead>
<tr>
<th>Variant</th>
<th>Reported Cases in US</th>
<th>Number of States Reporting</th>
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</thead>
<tbody>
<tr>
<td>B.1.1.7</td>
<td>867</td>
<td>32</td>
</tr>
<tr>
<td>B.1.351</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>P.1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

SOURCE: 1. 2. 3. 4. 5. 6.