COVID-19: The third wave continues to build in SA, strongly led by Gauteng, with the Western Cape and North West Provinces following suit, with tighter lockdown restrictions for Gauteng a sensible province by province approach.
South Africa’s seven-day rolling average in new COVID-19 cases is at 13 009 up from last week’s 9 124, and 5 959 before that, as the third wave continues to build rapidly in South Africa, with Gauteng’s caseload now at 588 009, up a massive 58 136 individuals in a week.

Mobility data (compiled by Our World in Data) shows a rise in May 2021 on the number of visits and time spent at retail outlets and places of recreation, along with visits to grocery and pharmacy stores and people leaving their homes, tying in with the sharp rise in the third wave.

The google data further shows that there has been a 20% drop off so far in individuals going into workplaces since the third wave began in South Africa, although this was closer to 70% last year in level 5 lockdown.

Indeed, overall physical attendance at workplaces have remained below pre-pandemic levels overall for South Africa, evidencing that many have remained working from home since March last year, typically down by around 20%.

The duration of time people spent at home in level five rose by close to 40% compared to pre-pandemic (February 2020), and currently is rising to 20%, from closer to 10% above February 2020’s level of time in periods from level 3 restrictions with no covid waves.

This shows that South Africans are managing their exposures to others as the waves of Covid-19 wax and wane, and that visits to parks and transit stations (public transport stations) have been curtailed in particular, although responsiveness is to a lesser extent for workplaces.

With individuals better able to control their freedom of choice in deciding on attending parks and using public transport, as opposed to physically being in workplaces, this
indicates more individuals would probably choose to work from home than is being allowed.

- Additionally, many visits to grocery and pharmacy stores, as well as places of entertainment and retail outlets are the travels of workers at these places. Nevertheless, there is also indication of a sharp rise in individuals shopping and visiting restaurants etc. versus level 5.

- South Africa has vaccinated 2,550,248 individuals (4.2% of its population), up from 1,974,099 a week ago. There is strong evidence of pent-up demand, which will be released into stronger economic growth on approaching herd immunity (75% of the population vaccinated).

Please scroll down to the second section below
<table>
<thead>
<tr>
<th>Country</th>
<th>No. of doses administered</th>
<th>Enough for % of people</th>
<th>Given 1+ dose</th>
<th>Fully vaccinated</th>
<th>Daily rate of doses administered</th>
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Source: Bloomberg Vaccine Tracker, 24 June 2021

Note: Population coverage accounts for the number of doses required for each vaccine administered. The daily rate is a 7-day average; for countries that do not report daily, the last known average rate is used.
## Global Vaccination Campaign (continued)

<table>
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<tr>
<th>Country</th>
<th>No of doses administered</th>
<th>Enough for % of people</th>
<th>Given 1+ dose</th>
<th>Fully vaccinated</th>
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Source: Bloomberg Vaccine Tracker, 24 June 2021

Note: Population coverage accounts for the number of doses required for each vaccine administration. The daily rate is a 7-day average, for countries that do not report daily, the last-known average rate is used.
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<th>Country</th>
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<th>Country</th>
<th>No. of doses administered</th>
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<td>Kyrgyzstan</td>
<td>937</td>
<td>&lt;0.1</td>
<td>&lt;0.1</td>
<td>–</td>
<td>2</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Central African Republic</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>6,44</td>
</tr>
<tr>
<td>Montserrat</td>
<td>2,600</td>
<td>25.0</td>
<td>27.9</td>
<td>24.1</td>
<td>2</td>
</tr>
<tr>
<td>Kyrgyzstan</td>
<td>937</td>
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<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

**Source:** Bloomberg Vaccine Tracker, 24 June 2021

Note: Population coverage accounts for the number of doses required for each vaccine administered. The daily rate is a 7-day average; for countries that do not report daily, the last-known average rate is used.
Comparisons to before the pandemic (January/February 2020) shows South Africans are making more physical visits to retailers and places of recreation versus individuals in the UK, Ireland, France, Germany, Austria, Spain, Italy, Brazil, India and Japan.

While this is likely evidencing increased online activity in many of these countries compared to domestically, it likely also shows some increased restraint among these countries as well, two of which are not high-income countries.

Middle income to high income economies in the list above have tended to show more time has been spent at home, which is typically the case for physical workplace visits as well compared to the base period (January 3rd to February 6th 2020).

However, Google … also note(s) that we should avoid comparing places across regions or countries; this is because there may be local differences in categories which could be misleading."

The “dataset from Google measures visitor numbers to specific categories of location (e.g. grocery stores; parks; train stations) every day and compares this change relative to baseline day before the pandemic outbreak.”

The “anonymized data provided by apps such as Google Maps” has been used by Our World in Data to produce “a regularly updated dataset that shows how peoples’ movements have changed throughout the pandemic” using a “rolling seven-day average”.

In the Western Cape, the National Department of Health (NDoH) shows the total caseload now at 313 560, up 8 722 individuals in a week (vs. 6 095 w/w the previous week), while the North West Province shows a total caseload of 89 980, up 5 444 w/w (vs. 3 967 w/w).

The Eastern Cape shows a total caseload of 204 175, up 2 831 w/w (vs. 1 934 w/w in the previous week), the Free State's total case load is 111 953, up 2 923 w/w (3 098 w/w),
the Northern Cape at 57,758, up 1,913 w/w (2,055) and Gauteng 58,136 w/w (vs. 40,162 w/w).

- KwaZulu Natal is at 349,301, up 4,196 w/w (versus 1,898 w/w), Limpopo at 71,691, up 3,319 w/w (vs. 1,026 w/w) and Mpumalanga at 90,716 is up 3,570 w/w (vs. 2,328 w/w).

The third wave has been building in most provinces according to the NDoH data.
Uneven access to vaccines

The wealthiest 27 places have 24.1% of the vaccinations...

Vaccines

<table>
<thead>
<tr>
<th>Least wealthy</th>
<th>India</th>
<th>Mainland China</th>
<th>U.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most wealthy</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

...but 10.4% of the world's population

Population

<table>
<thead>
<tr>
<th>Least wealthy</th>
<th>India</th>
<th>Mainland China</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most wealthy</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: Bloomberg, 24 June 2021

Note: Vaccine access calculations account for the number of doses needed for full protection; some vaccines require a two-dose regimen while others require just a single dose. Countries and regions are ordered by GDP per capita (PPP).