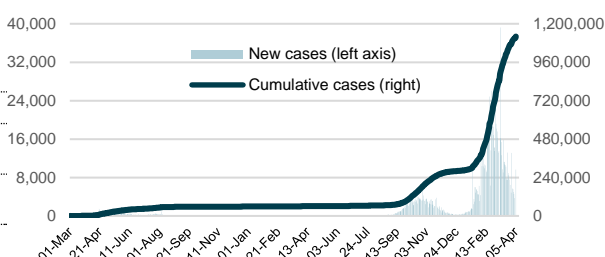


## Singapore COVID-19 Snapshot

	Singapore		United States	
	#	Δ <sup>1</sup>	#	Δ <sup>1</sup>
<b>Confirmed Cases</b>	1,119,419	281%	81.9m	+21%
<b>Deaths</b>	1,284	52%	1,009,390	+15%
<b>Deaths per 1M</b>	216	52%	3,018	+15%
<b>Testing rate per 1M</b>	3,970,285	-	2,952,541	-
<b>Population with at least one vaccination</b>	~92%		~77%	

Singapore: New and cumulative COVID-19 cases by notification date



(1) change versus previous month

## Singapore Clinical Trial Insights

<b>Feasibility</b>	<ul style="list-style-type: none"> <li>Majority of sites continue to be very interested in new studies however some delays in response are expected.</li> </ul>
<b>Ethics and Governance</b>	<ul style="list-style-type: none"> <li>EC and HA review ongoing as per schedule.</li> <li>Singapore HA has released guidance on conduct of clinical trials in relation to the COVID-19 situation.</li> </ul>
<b>Recruitment</b>	<ul style="list-style-type: none"> <li>Recruitment is resumed for all sites.</li> </ul>
<b>Participant visits</b>	<ul style="list-style-type: none"> <li>Subject visits ongoing per normal.</li> <li>If remote study visits are to be implemented, this must be notified to HA prior to implementation.</li> </ul>
<b>Monitoring</b>	<ul style="list-style-type: none"> <li>On-site monitoring visits are allowed, monitors must be fully vaccinated, with a negative Antigen Rapid Test (ART) result that covers up to 24 hours, or a negative PCR swab result that covers up to 72 hours, obtained from government designated testing locations or may be self-administered (site dependent requirement). There is additional documented proof of measles and diphtheria vaccination requirement for visiting Singhealth institutions.</li> </ul>
<b>IP Supply and delivery</b>	<ul style="list-style-type: none"> <li>No restrictions for IP supply to sites by drug depot.</li> <li>DTP vendor approved by QA and may be utilised by sites if required.</li> </ul>
<b>General</b>	<ul style="list-style-type: none"> <li>From 29 March 2022, there will be streamlining of COVID-19 rules as Singapore transitions to a COVID-19 resilient nation. 75% of employees who can work from home can return to the office. Border measures are further simplified to pave way for more Vaccinated Travel.</li> <li>100% of Novotech staff can work remotely. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation.</li> </ul>
<b>COVID-19 Trials</b>	<ul style="list-style-type: none"> <li>HA and EC may review COVID-19 trials on expedited basis, on a case-by-case basis.</li> <li>Currently there are 38 COVID-19 related trials approved in Singapore and 1 COVID vaccine trial.</li> </ul>

## Top biotech sites: High level status

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
<b>National University Hospital</b>	Available	online (if pre-arranged)	Available	Available	On-site	-
<b>Singapore General Hospital</b>	Available	online (if pre-arranged)	Available	Available	On-site	-
<b>Changi General Hospital</b>	Available	online (if pre-arranged)	Available	Available	On-site	-
<b>National Cancer Centre</b>	Available	online (if pre-arranged)	Available	Available	On-site	-
<b>Raffles Hospital</b>	Available	online (if pre-arranged)	Available	Available	On-site	-
<b>Tan Tock Seng Hospital</b>	Available	online (if pre-arranged)	Available	Available	On-site	-
<b>Kho Teck Puat Hospital</b>	Available	online (if pre-arranged)	Available	Available	On-site	-
<b>Curie Oncology</b>	Available	Available (if pre-arranged)	Available	Available	On-site	-

**Novotech monitors activity for all sites. Please contact your project manager for an update**

Sources: Statista, Worldometer, Ourworldindata.org

# COVID-19 Client Bulletin

Status as at: 5<sup>th</sup> April 2022