



सत्यमेव जयते

Ministry of Health & Family Welfare
Government of India

India's Public Health Response

Covid-19

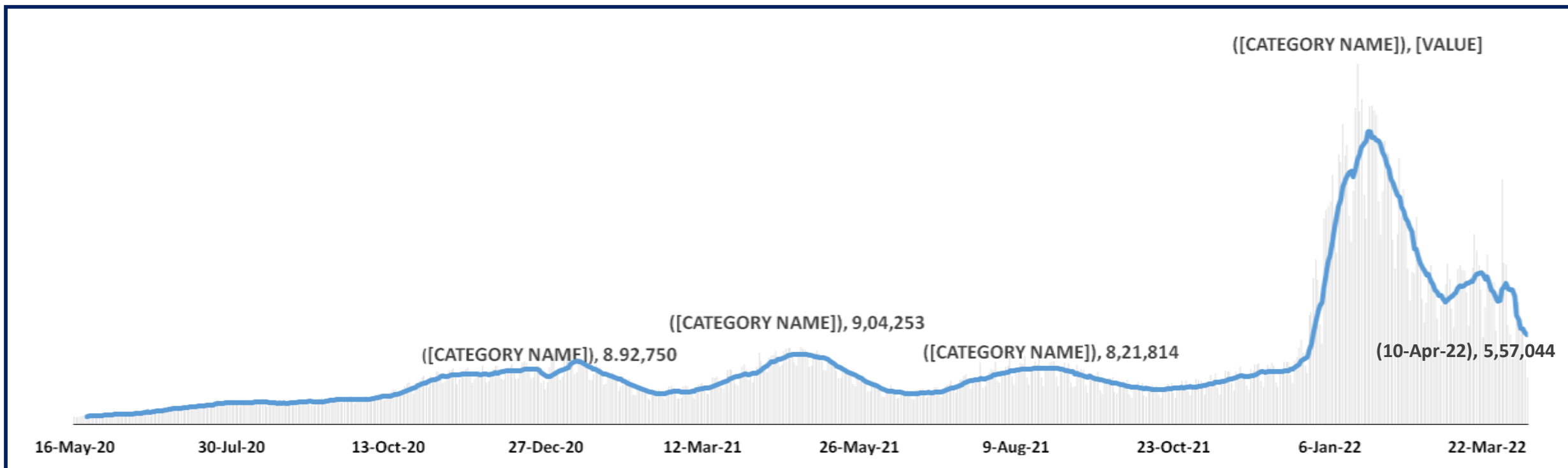
12th April 2022

Global Scenario – Continued Resurgence in Covid-19 cases (As on 12th Apr 2022)

(Source: Our World in Data, Worldometer)

Avg. Daily Cases (Last 1 Week)
10,64,302

Active Cases
4,45,26,769



- **42.3 lakh cases/day** across the world on **19th Jan, 2022**
 - (4.68 times higher than the previous peak on 23rd Apr, 2021)
- Presently, as high as 10.64 lakh average daily cases (week ending 10th Apr)
 - (higher than peak of 9.04 lakhs cases/day on 23rd April 2021)
- High cases & week-on-week increase in cases noted from China, Japan, Australia etc.

Countries recording surge in Cases (Weekly Analysis)

(As on 12th Apr 2022)
(Cases Source: Our World in Data)

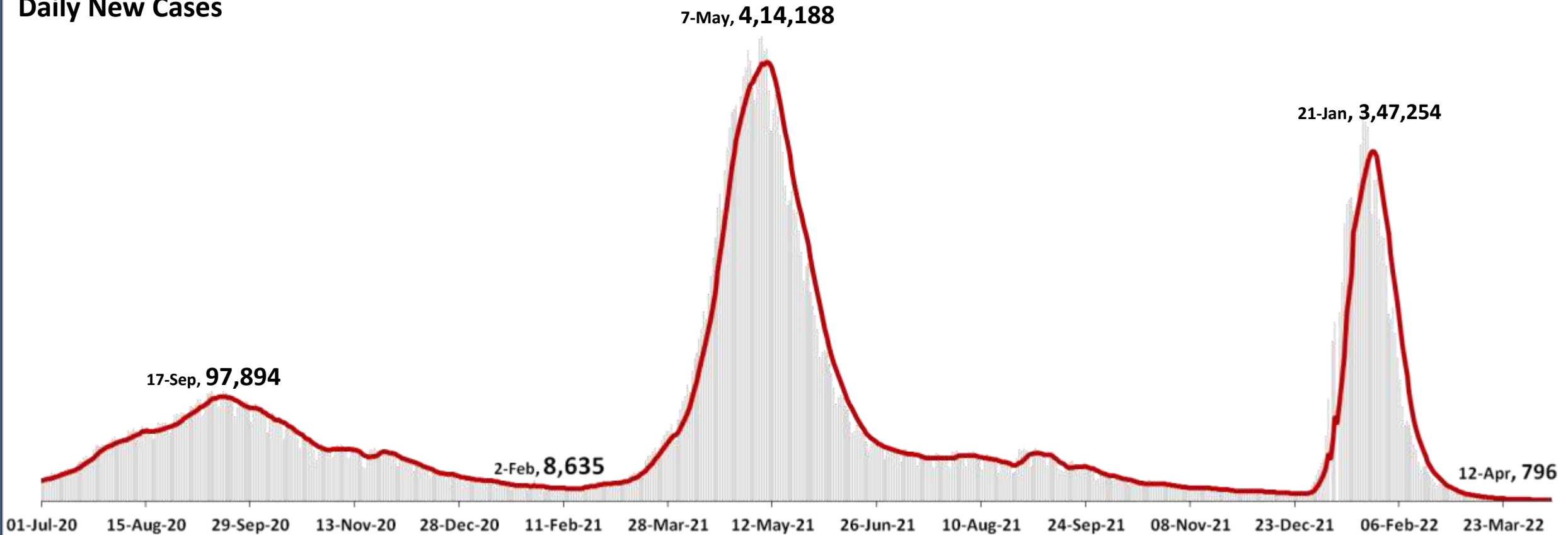
S. NO.	Continent	Country	Avg. Daily Cases		Change in Cases (Past Two Weeks)	Weekly CPM
			Week ending 3 Apr	Week ending 10 Apr		Week ending 10 Apr
1	Asia	South Korea	2,85,479	2,03,313	0.71x	27,740
2		Vietnam	1,15,265	54,273	0.47x	3,870
3		Japan	46,328	48,394	1.04x	2,687
4		China	8,698	21,900	2.52x	106
5		Iran	2,365	3,428	1.45x	282
6	Europe	Germany	2,07,158	1,44,187	0.70x	12,030
7		France	1,38,399	1,35,679	0.98x	14,087
8		Italy	68,727	63,748	0.93x	7,392
9	Oceania	Australia	55,813	55,928	1.00x	15,181
10	North America	United States	28,244	34,589	1.22x	727
11		Mexico	2,188	8,103	3.70x	435
12	Africa	South Africa	1,386	1,303	0.94x	152

*Countries with (Avg. Daily Caseload > 2,000 and Change > 1x) or (Avg. Daily Caseload > 50,000) indicating a surge over the past two weeks.

India reported a sharp decline in cases

(As on 12th Apr 2022)

Daily New Cases



- **Whole of Government & Whole of Society approach** supported the country in management of Covid-19 **across multiple surges**
- **Average daily cases (week ending 12th Apr) as low as 1,013** are being reported presently
- **796 cases reported in last 24 hours**

Front-end leadership by Hon'ble PM anchored Covid-19 response in India

- Strategic & policy level leadership by Hon'ble PM for effective monitoring & oversight in Covid-19 management
- Regular engagement with Chief Ministers & State Health Ministers
- Hon'ble PM facilitated '*Jan-Andolan*' & '*Jan-Bhagidari*' crucial in managing any infectious disease
- Promoted *Make-in-India* & *Make-for-World* in diagnostics, drugs & vaccines
- Timely & prompt decisions to manage Covid-19 to save precious lives, while providing solace to common man.



Creating an institutional framework for response to aid Covid-19 management

- **Group of Ministers** for guidance to **multiple stakeholder ministries**
- **Committee of Secretaries** (chaired by **Cabinet Secretary**) coordinated with **States & all departments** in Government of India
- **Empowered Groups (EGs)** headed by **Secretaries** to expedite decision making (power of Cabinet for decisions by the EGs)
- **Joint Monitoring Group** under *Director General of Health Services*; **National Task Force**, **National Expert Group for Vaccine administration (NEGVAC)** & **National Technical Advisory Group on Immunization (NTAGI)** guided on management & Vaccination efforts
- **Regular State reviews & visits of Central Teams** to field
- **180+ technical advisories** issued



India adopted a comprehensive approach since beginning towards Covid-19 Management

Pre-emptive	<ul style="list-style-type: none">• Active screening & isolation of travelers at airports, seaports, & land borders• States given technical & financial support to augment Health Infrastructure• Genome Sequencing to detect mutations
Proactive	<ul style="list-style-type: none">• Analyzing global trends to identify emerging threats & plan field action on daily basis• 24x7 National Control Room to proactively analyze emerging challenges district-wise• Continuous guidance to States & Districts on early identification of cases as per emerging trajectory
Graded	<ul style="list-style-type: none">• Policy decision taken based on scientific evidences globally & in India• Guidelines issued & revised (Clinical Management/Testing/International travel etc.) as per evolving challenges• Projection tools & models for predicting cases to facilitate timely infrastructure upgradation
Whole of Government	<ul style="list-style-type: none">• Collaborative efforts across all Ministries in Union Government, State Governments, & Local bodies
Whole of Society	<ul style="list-style-type: none">• Involvement of community-based organizations & community at large• Regular press briefings by Central Government, States & Districts to disseminate correct & evidence-based information.

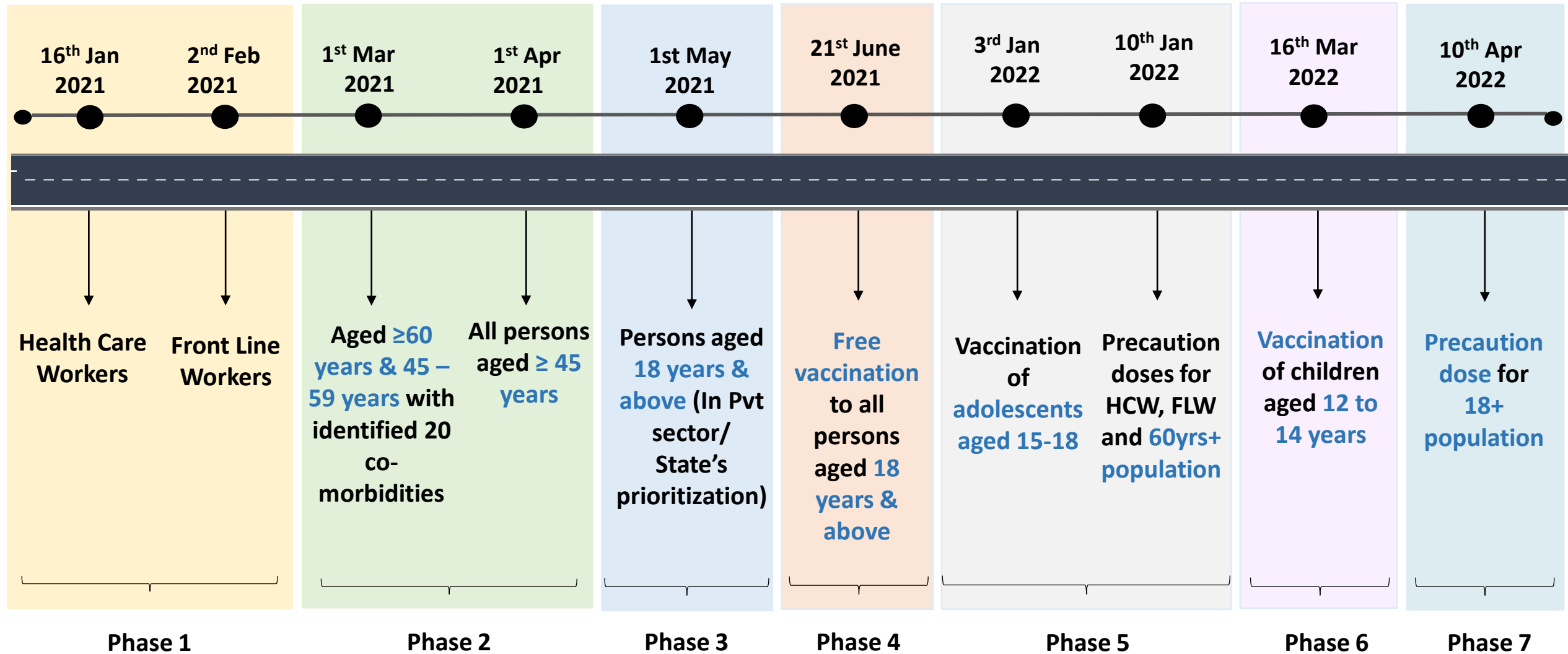
Launch of Covid-19 Vaccination Campaign in India

Adult vaccination taken in a mission mode & at a scale unheard of

Focus areas for expedited National Vaccination Campaign

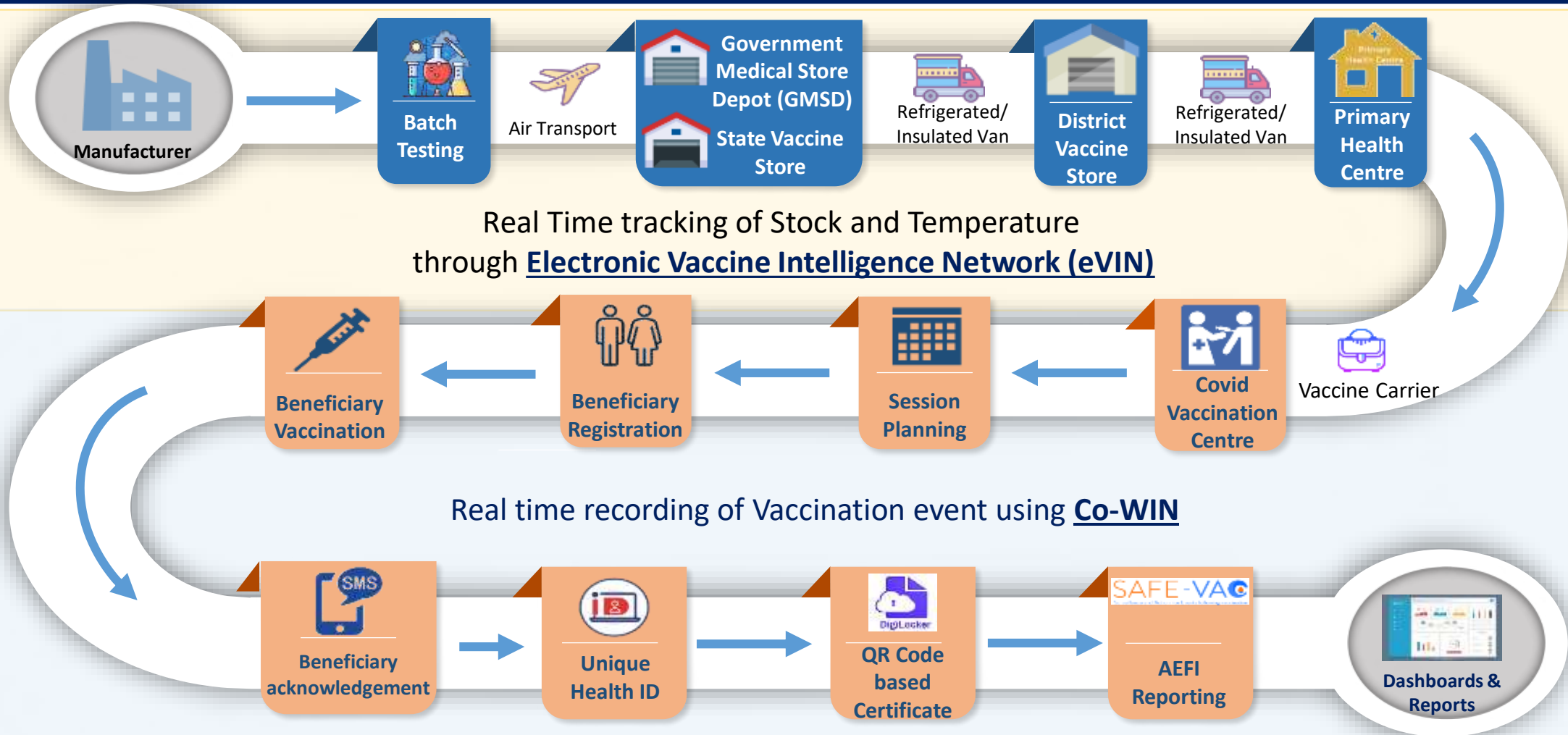
Vaccine Development	<ul style="list-style-type: none">• Encouraged domestic capacity building , manufacturing & scientific research• ‘PM CARES Fund’ supported vaccine development initiative & 900 crores committed under first phase of “Mission COVID Suraksha”
Regulatory Support	<ul style="list-style-type: none">• Streamlined & fast-tracked Regulatory System for COVID-19 vaccines approval for restricted use• Expedited permissions for clinical testing & concurrent evaluation by Drug Controller General of India (DCGI)• Development of vaccines with – focus on Safety & Efficacy.
Ramping up Production	<ul style="list-style-type: none">• Supported through Facility Augmentation, Technology Transfer, Financial Assistance, Advance Payments
Vaccine Administration	<ul style="list-style-type: none">• Scientific prioritization of Population to be vaccinated• Extensive capacity building of Vaccinators across the country• Comprehensive Communication Strategy (Jan Andolan & Jan Bhagidari)• Equitable access with specific focus on Rural areas & Vulnerable population
Just In Time Logistics Management	<ul style="list-style-type: none">• Digital technology (eVIN & Co-WIN) for inventory & Cold Chain Management, Beneficiaries Registration & Session Planning, AEFI management & issue of QR based Vaccination Certificates

Scientific Prioritization for Vaccine Administration



Vaccination for lactating mothers approved on 19th May, 2021 and of pregnant women on 2nd July, 2021

Just In Time Approach for Vaccine Logistics & Administration



- Vaccine Logistics management across multiple Godowns, including 28,934 Cold Chain points across all states and districts
- Beneficiary registration, session planning, administration of dose, AEFI monitoring & QR code based vaccination certificate coordinated through leveraging Digital Technology

Vaccinating the Last Mile Population

- **Robust network of more than 5 lakh Covid Vaccination Centres**
- **More than 10 lakh Vaccinators trained**
- **65% of vaccine doses administered at Rural Vaccination Centres**
- **Just in Time approach for management of the logistics for Vaccines, Syringes, Etc.**
- **Near to Home & Workplace Vaccination Centres** for wider outreach
- **Mobile Vaccination Teams** to ensure access for **Elderly and Especially Aabled Citizens, Vulnerable Groups** (tribal population, transgenders, etc.)
- **House Visits** to motivate community to get vaccinated (**Har Ghar Dastak- Knock on Every Door**)



India's support to Global Vaccination Efforts – Vaccine Maitri & CoWIN as a Global Good

- Supplied *'Made in India'* Covid-19 vaccines under *'Vaccine Maitri'* initiative
- Vaccines supplied as grants-in-aid, commercial sales besides through COVID-19 Vaccines Global Access (COVAX) facility.
- As on 14th February 2022- Govt. of India has supplied 16.24 crore doses of Covid-19 vaccine to 99 countries.
- India monitored its vaccine delivery through a digital platform, Co-WIN
- Offered Co-WIN platform as a Digital Global Good to all the countries across the world.



More than 185.90 Crore total doses administered

Population aged 18 yrs and above			Population aged 15-18 yrs		Population aged 12-14 yrs
1 st dose 91.35 crore (97%)	2 nd dose 80.07 crore (85%)	Precaution Dose 2.46 crore	1 st dose 5.77 crore (78%)	2 nd dose 3.98 crore (54%)	1 st dose 2.27 crore (48%)

Key Milestones in India's Covid-19 Vaccination Journey

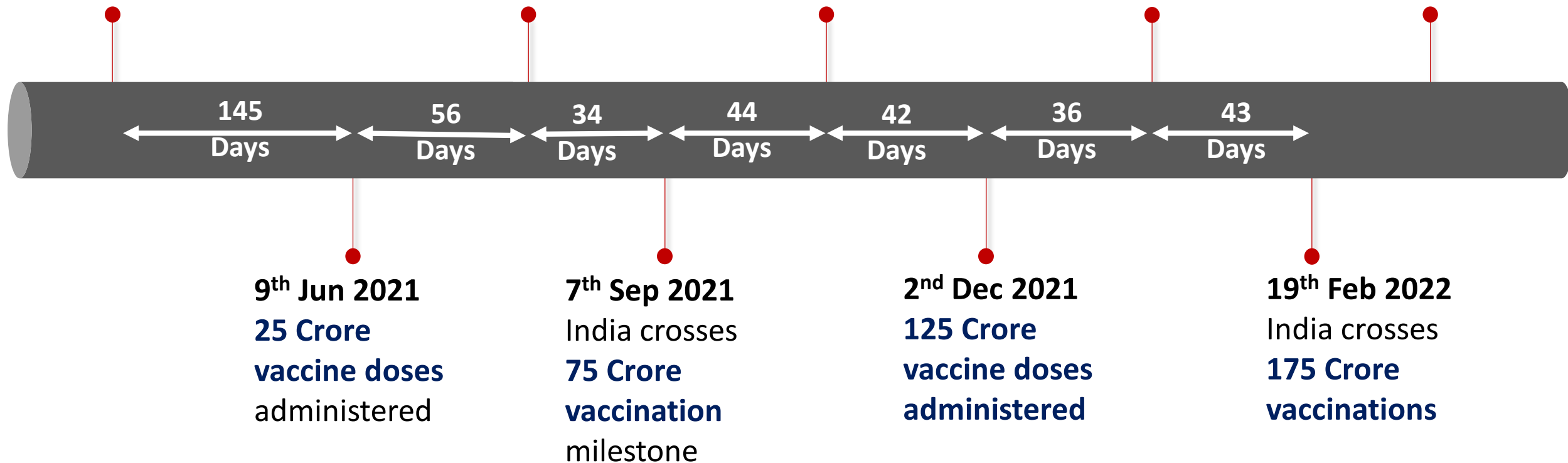
16th Jan 2021
World's largest Vaccination Drive initiated

4th Aug 2021
India reaches **50 Crore** vaccinations

21st Oct 2021
India crosses **100 Crore doses** administered

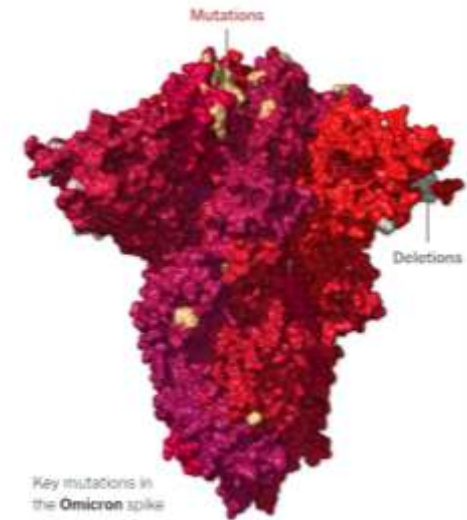
7th Jan 2022
India crosses **150 Crore** vaccination milestone

12th Apr Mar 2022
More than 185.90 Crore doses administered **till date**



New challenges posed by Omicron as a Variant of Concern

- First detected on 24th Nov, 2021 in Gauteng Province of South Africa.
- Declared a **Variant of Concern** by WHO on 26th Nov, 2021.
- Omicron had a substantial **growth advantage over Delta** as it has **10 times more mutations on the spike protein**.
- Omicron posed risk of **high transmissibility** and possible **vaccine escape**
- A **sharp surge in cases** noted across all countries and continents.



(Source: [The New York Times](#))

Estimated Cases/day in India based on cases reported across different Countries

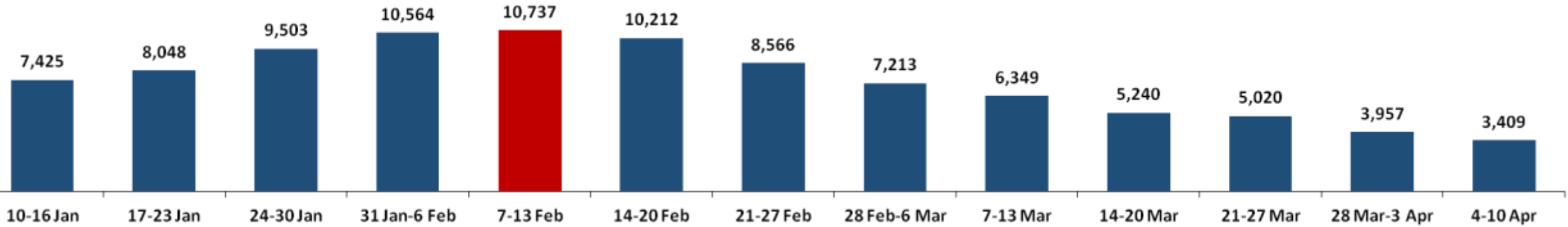
Country	Population	Cases/Day at Peak	Equivalent estimated peak for India
France	6,74,22,000	5,02,507	1,03,85,301
US	33,29,15,074	13,68,120	57,26,237
UK	6,82,07,114	2,19,290	44,79,894

India continued with its two-pronged approach – Containment coupled with Mitigation

Review by Hon'ble PM	<ul style="list-style-type: none">• Meeting to understand implications of new variant on 27th Nov, 2021 & review of Omicron & Health Systems preparedness on 23rd Dec, 2021• Meeting with Hon'ble CMs of all States
Daily review at HFM level	<ul style="list-style-type: none">• Daily review meetings conducted with all officials & public health experts by Health Minister since 25th Nov, 2021.
Meeting with State Health Ministers	<ul style="list-style-type: none">• Meeting chaired by Hon'ble Health Minister to review Covid-19 situation & preparedness on 2nd Jan & 11th Jan, 2022
Revised Advisories for International Travel	<ul style="list-style-type: none">• Issued and revised as per evolving scenarios• Ministry of Civil Aviation advised regarding implementation
Multiple Technical Guidelines Issued	<ul style="list-style-type: none">• Guidelines revised based on emerging evidences such as Home Isolation Guidelines, Testing guidelines, Clinical Management guidelines
Clinical Management protocol disseminated	<ul style="list-style-type: none">• AIIMS, Delhi disseminated Clinical Management protocol through series of Webinars since 5th Jan, 2022
Accelerated Vaccination	<ul style="list-style-type: none">• Adding other Vulnerable Groups as suggested by Scientific Advisory Groups
Citizen Interface strengthened	<ul style="list-style-type: none">• Established cascaded network of Call Centres in districts• Promotion of eSanjeevani Telemedicine Platform
IEC & community sensitization	<ul style="list-style-type: none">• Creating जन आंदोलन (people's movement) through comprehensive risk communication strategy

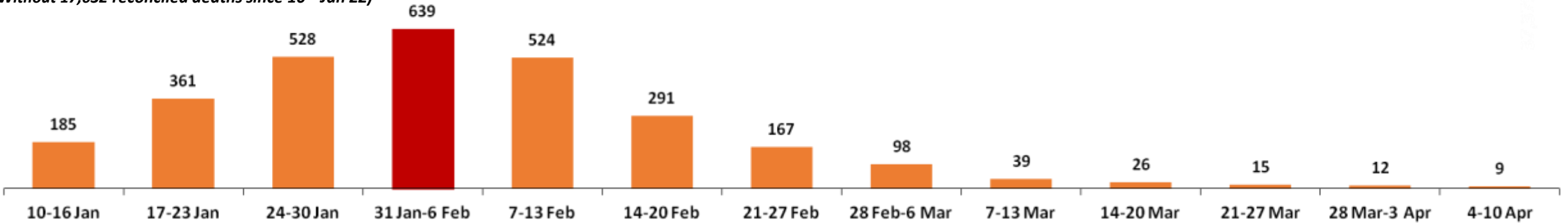
Worldwide ongoing challenge of Omicron – High number of deaths still being reported Globally

Global Average Daily Deaths



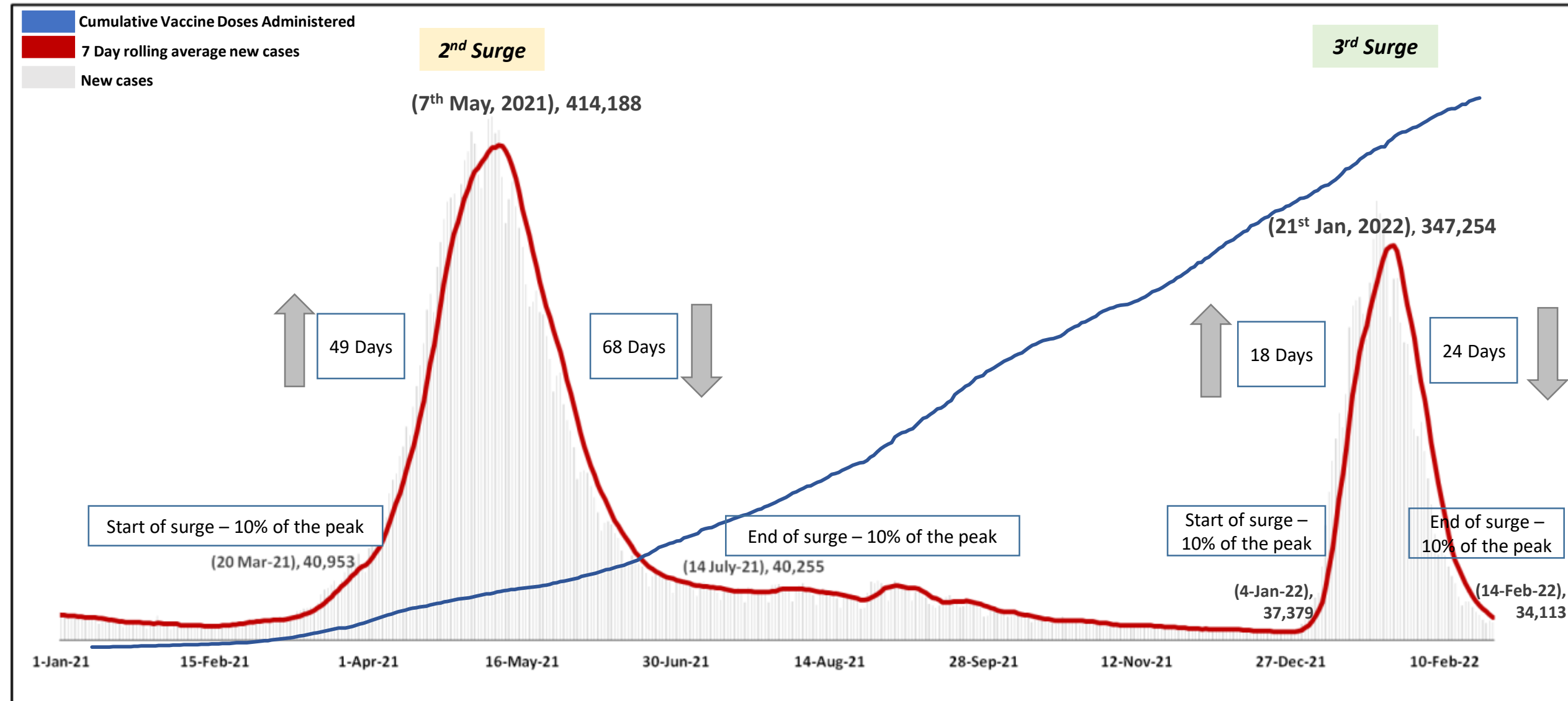
India Average Daily Deaths

(Without 17,632 reconciled deaths since 10th Jan 22)



- Despite having 17% of global population, India is contributing only **0.12 % of Global cases & 0.3 % of deaths** reported globally

Accelerated Vaccination aided in COVID Management in India



- Period for surge & fall in cases taken as 10 % of the cases during the peak on both ends

* : Eligible population was HFW, FLW, 60 yrs+, 45 - 59 yrs with co-morbidities

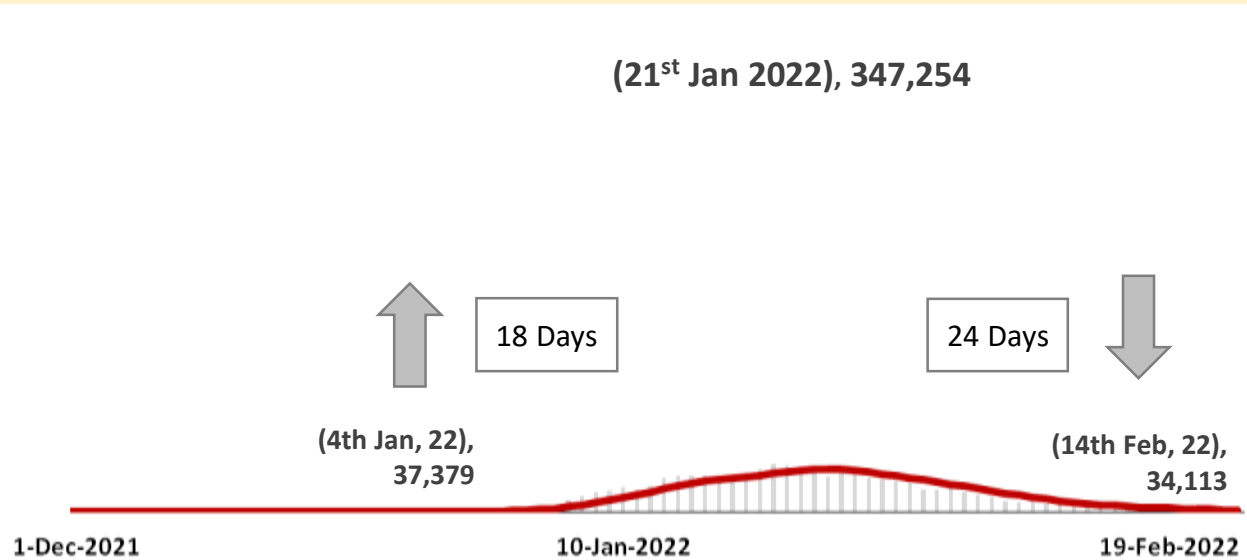
Vaccination aided in COVID Management

	Second Surge (20 th Mar – 14 th July, 2021)	Third Surge (4 th Jan – 14 th Feb, 2022)
Days	117 Days	42 Days
Cases	1,94,31,743	77,42,652
Partially Vaccinated (at the start of the surge)	10.1%*	90.83%
Fully Vaccinated (at the start of the surge)	2.1%*	65.4%
Deaths	2,52,038	27,118
Deaths (deducting reconciled deaths during the period)	-	16,570
CFR	1.29%	0.35 %
CFR (deducting reconciled deaths during the period)	-	0.02 %

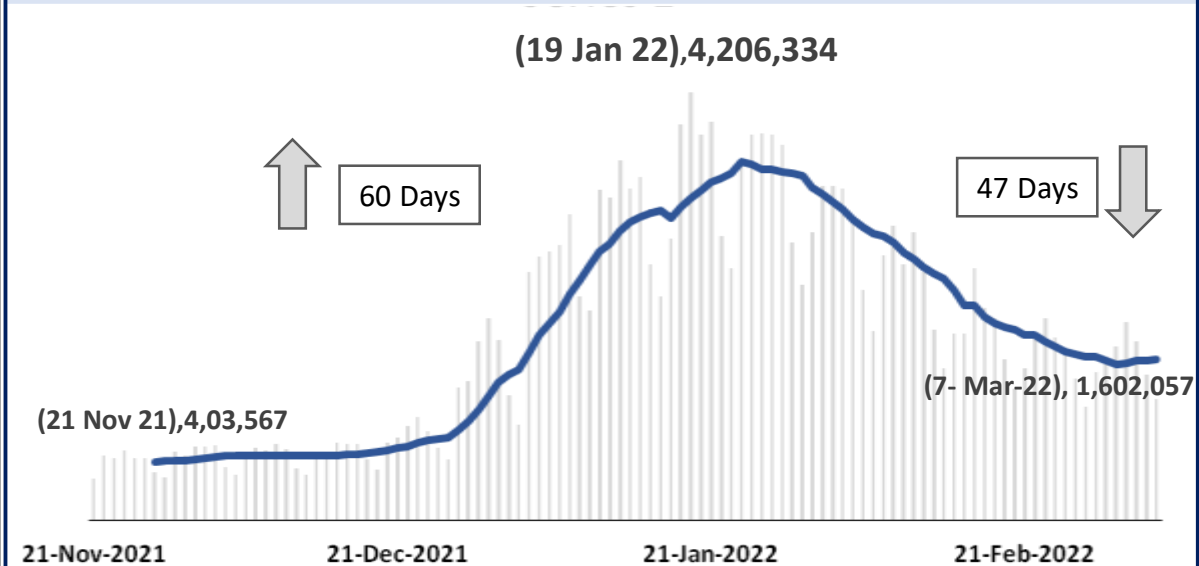
* : Eligible population was HFW, FLW, 60 yrs+, 45 - 59 yrs with co-morbidities

Omicron Surge – India vis-a-vis World

India – New Cases Trajectory



World – New Cases Trajectory

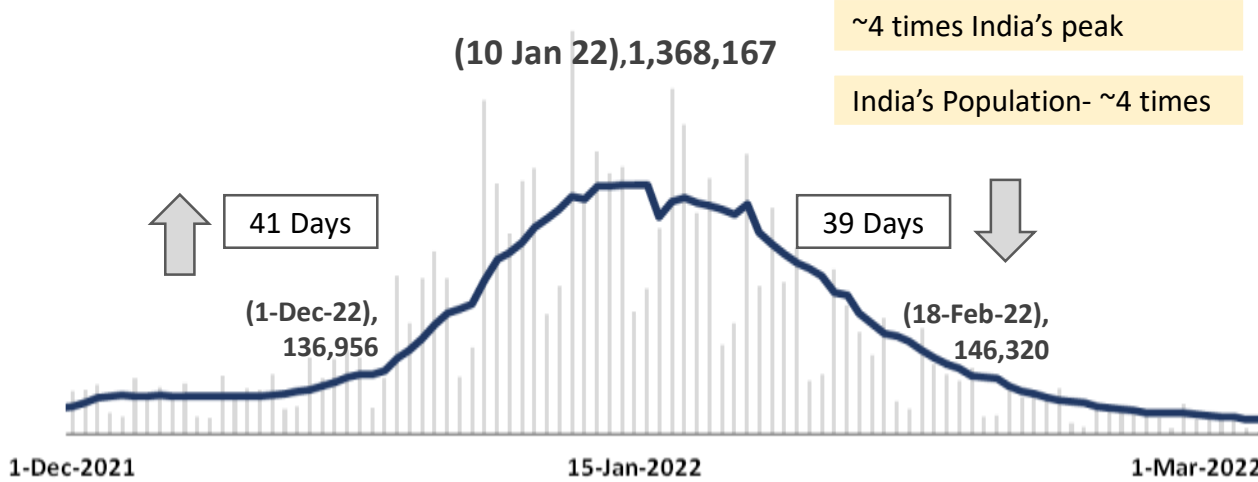


	India (4 th Jan – 14 th Feb 22)	World (21 st Nov 21 – 7 th Mar 22)	Comparison
Days	42	107	Still Large Cases reported in the world
Peak Cases	3,47,254	42,06,334	
Deaths	27,118	8,56,544	
CFR	0.35 %	0.45%	1.28 times
CFR (without reconciled deaths)	0.02 %	0.45%	23 times

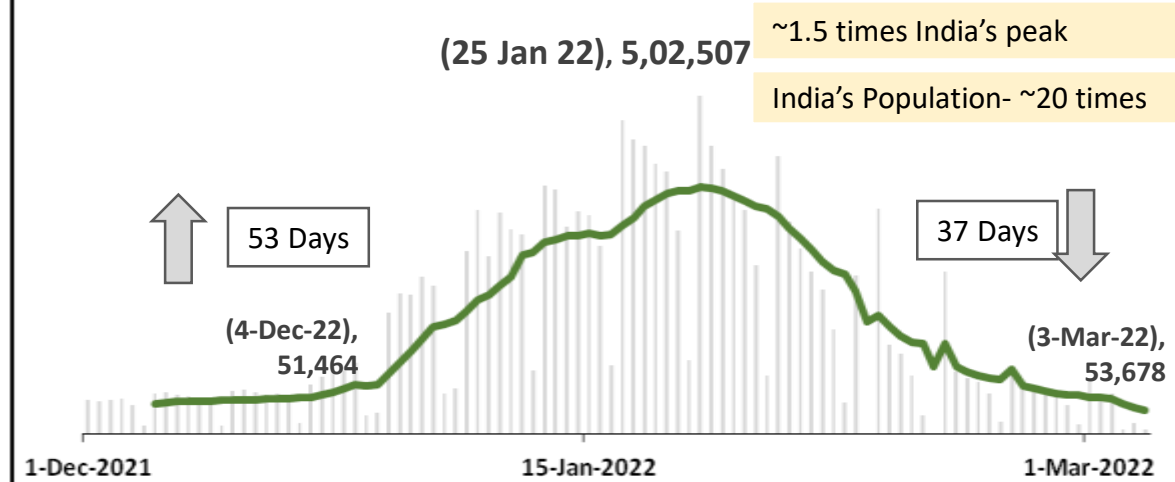
- Period for surge & fall in cases taken as 10 % of the cases during the peak on both ends

India performed much better than countries across the World

USA – New Cases Trajectory



France – New Cases Trajectory



	USA (1 st Dec, 2021 - 18 th Feb, 2022)	Comparison with India
Cases	2,98,44,470	3.85 times
Deaths	1,53,943	5.67 times
CFR	0.52%	1.48 times
CFR (excluding reconciled deaths)	0.52%	26 times

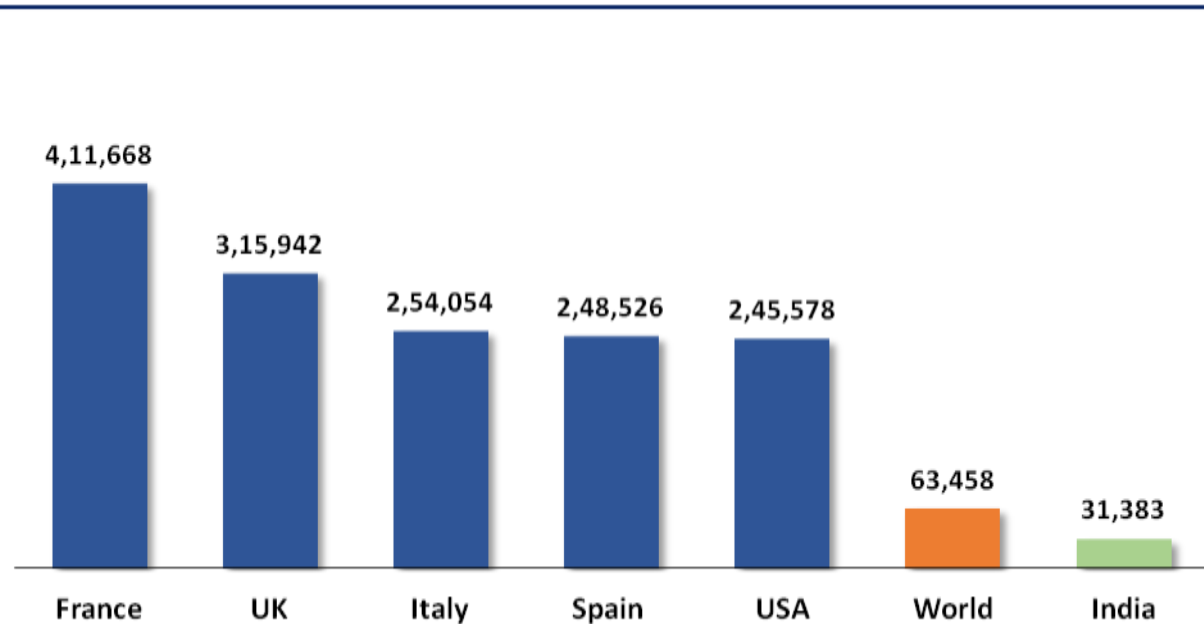
	France (4 th Dec, 2021 – 3 rd Mar, 2022)	Comparison with India
Cases	1,45,74,348	1.88 times
Deaths	18,117	
CFR	0.12%	
CFR (excluding reconciled deaths)	0.12%	6 times

- Period for surge & fall in cases taken as 10 % of the cases during the peak on both ends

Managing cases & deaths in a country of Continental Proportion

(As on 12th Apr 2022)

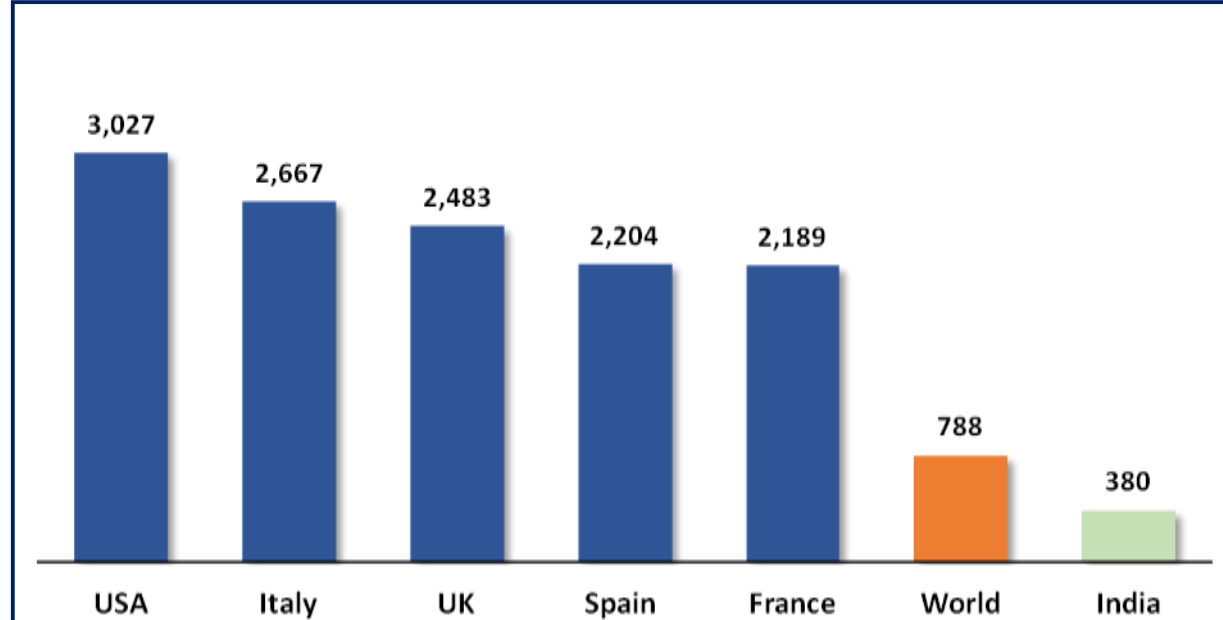
Cases per Million



- **Globally – 63,458 cases** reported per million population
- **India – 31,383 cases** reported per million population
- **India has been able to limit the spread of infection**

23

Deaths per Million



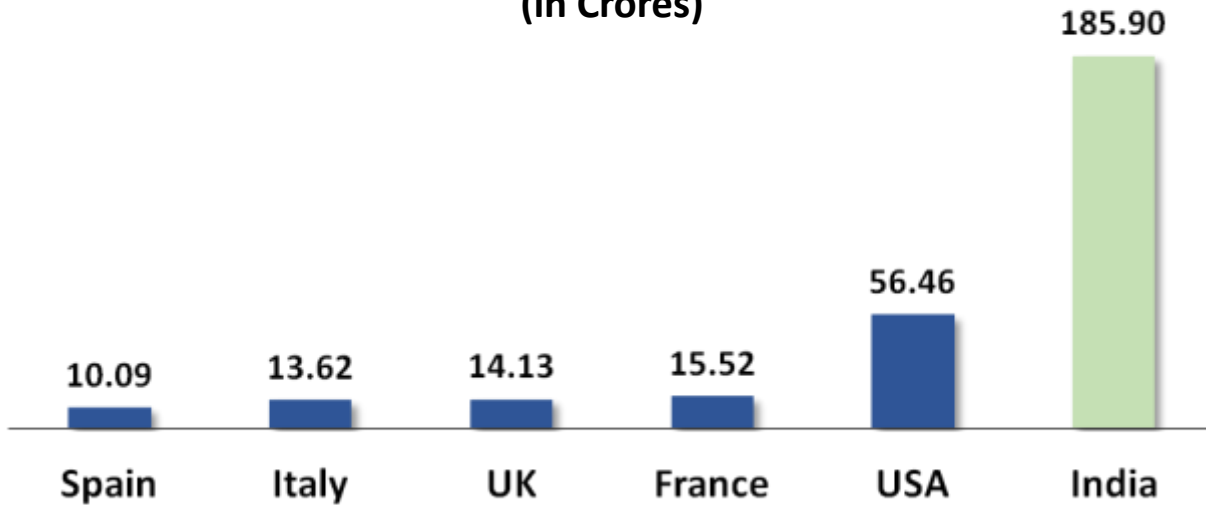
- **Globally – 788 deaths** reported per million population
- **India – 380 deaths** reported per million population
- With its focus on **early identification, seamless admission & effective implementation of clinical management protocols**, India has been able to limit the number of deaths

Source : OurWorldInData, Worldometer

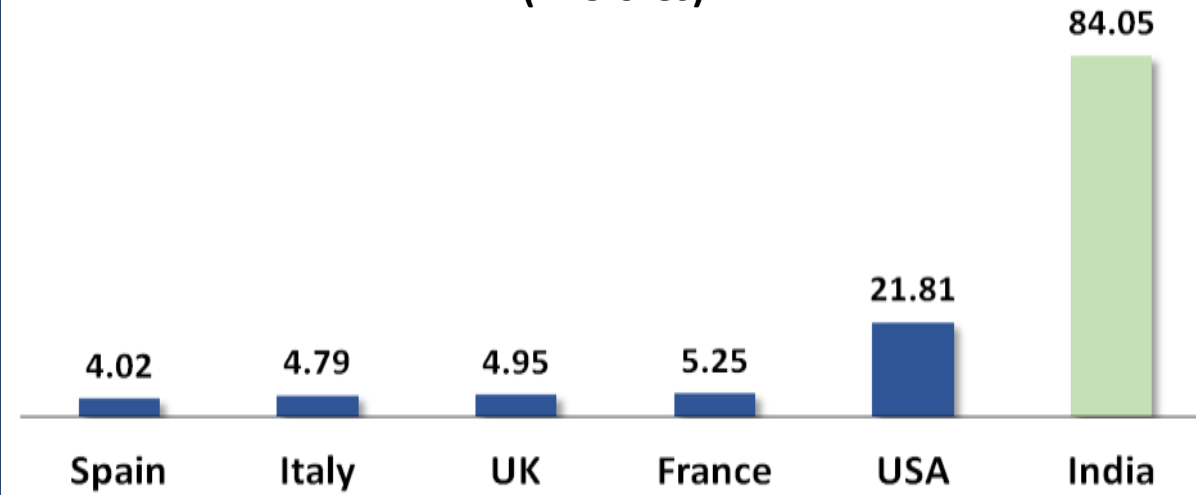
Vaccinating a country of Continental Proportion

(As on 12th Apr 2022)

Total Doses Administered
(in Crores)



Fully Vaccinated Beneficiaries in absolute numbers
(in Crores)



- **99.39 crore eligible beneficiaries** received 1st dose in India
 - (3 times the population of the USA and 6.8 times the population of Russia)
- **84.05 crore eligible beneficiaries** have been fully vaccinated in India
 - (3.9 times the population of Brazil and 12.3 times the population of the UK)
- **2.5 crore vaccine doses administered in a single day on Hon'ble PM's birthday**
 - (Equivalent to the population of Australia)

Way Forward

- Continued focus on 5-Fold strategy of 'Test-Track-Treat-Vaccination & CAB'
- States supported with Rs. 23,000 Crores under Emergency Covid Response Package –II
- Rs. 64,180 Crores under Ayushman Bharat Health Infrastructure Mission (ABHIM) to upgrade network of labs, infectious disease hospitals & research infrastructure for managing any present & future pandemic
- 'One Earth – One Health' & 'India for World' as guiding philosophy

Thank You