

Budget : 2021-22

**Transforming the
Health Sector**



सत्यमेव जयते

**Ministry of Health and Family Welfare
Department of Health Research
Ministry of AYUSH
Department of Pharmaceuticals**

Vision : National Health Policy, 2017

To attain the highest possible level of health and well-being for all, at all ages, through Preventive and Promotive healthcare and Universal Access to good quality healthcare services without anyone having to face financial hardship as a consequence.



Achievements and Reforms

Achievements/Reforms

Ministry of Health and Family Welfare

Last mile coverage and equity in access and coverage

- **New-borns and Children:** Mission Indradhanush; Introduction of New Vaccines: Rotavirus Vaccine (RVV) in 2016 and Pneumococcal Conjugate Vaccine (PCV) in 2017 .
- **Maternal and Reproductive Health** : Pradhan Mantri Surakshit Matritva Abhiyan; Mission Parivar Vikas
- **Nutrition:** Anaemia Mukh Bharat, National Deworming Day, Home Based Young Child Care

Achievements/Reforms ...contd.

Reducing Disease Burden: Progress towards disease elimination

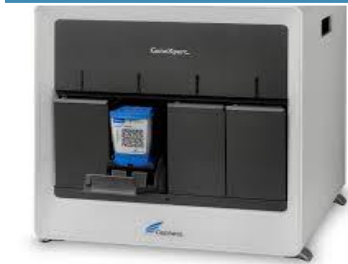
Tuberculosis:

21,717



5500 new
Microscopy Centres

3147



CBNAAT + True Nat

80



Mobile TB Vans

1.27 lakh additional cases



Active Case Finding

- Active engagement with community – TB forums in all States & districts, TB Champions
- The gap between estimated and detected cases reduced from 10 lakhs in 2017 to 2.9lakhs in 2019.
- Notification of TB cases increased from 18.2 lakhs in 2017 to 24 lakhs in 2019
- Rs. 1006.46 Cr disbursed (DBT) to 39.44 Lakh TB patients for nutritional support (since 2018)

Achievements/Reforms ...contd.

Towards Universal Health Coverage : Ayushman Bharat

❖ Reforms in Primary Health Care: Ayushman Bharat –Health & Wellness Centres

- Universal Free Access to comprehensive primary health care
- Promoting health and wellbeing
- Enabling close to community services
- Ensuring access to free medicines, diagnostics and teleconsultation
- Facilitating Continuum of care with two way referrals to secondary and tertiary care

❖ 59,829 HWCs functional ; well on the way to achieve target of 1.5 lakh by December 2022

Enabling secondary and tertiary care for the vulnerable: AB- PMJAY

13.79 Cr

E-Cards Issued

(incl. 4.68 Cr e-cards issued by State IT systems)



1.62 Cr +

₹ 20,127 Cr+

Hospital Admissions



24,361

(45 % Private)

Hospital Empanelment



70 Lakh

Inbound Calls on
14555 Answered



1.73 Lakh

₹ 381 Cr

Portability Cases



Female -

47%

Gender Parity



24 Lakh

Mobile App Downloads



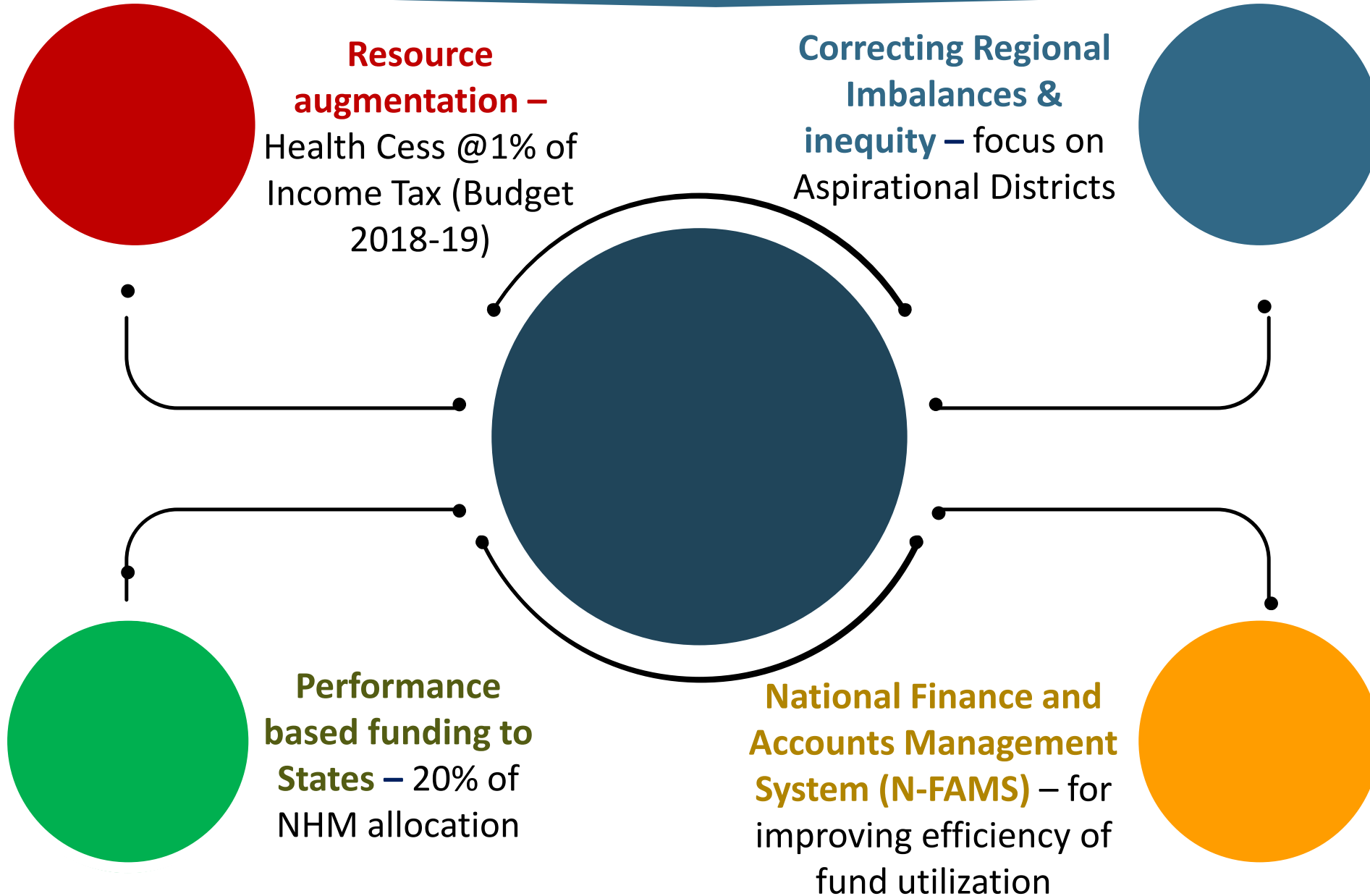
General Medicine
General Surgery

Top Specialties (by count of pre-auths requested)



32 States/UTs on-board (only Delhi, Odisha, Telangana, and West Bengal non-implementing)

Financing Reforms



Reforms for Good Governance and Quality Healthcare

- ❖ **National Medical Commission Act** –National Medical Commission constituted and operational.
- ❖ **Bill for National Commission for Allied and Healthcare Professions** – Introduced in Rajya Sabha.
- ❖ **Dental Commission Bill** –Public comments on draft bill received.
- ❖ **Nursing and Midwifery Bill** – Public comments invited.
- ❖ **Public Health Bill** – Draft bill under consultation with the States.
- ❖ **Prohibition of e-Cigarettes Act** – enacted in December 2020
- ❖ **Amendments to Cigarettes and Other Tobacco Products Act (COTPA)** are under stakeholder consultation

Expanding Human Resources for Health

- **Medical Education**
 - National Medical Commission constituted in 2020.
 - Regulatory reforms to ensure quality while scaling up
 - District Hospitals to be upgraded as Medical Colleges
- **Six AIIMS under Phase-I : (AIIMS-Patna, AIIMS- Rishikesh, AIIMS-Jodhpur, AIIMS-Bhopal, AIIMS-Bhubaneswar and AIIMS-Raipur)**
- **15 new AIIMS sanctioned / approved by Cabinet.**
- **Up-gradation of existing Government Medical Colleges (GMCs) under PMSSY**
 - **38 Super Specialty Block / Trauma Centres**
 - **22 being utilized as COVID Hospital contributing over 5000 beds.**
- **District Residency Scheme: a compulsory three month training of PG-Medical student at District Hospitals notified**
- **2 year Diplomas in 8 disciplines using private sector hospitals notified by DNB**

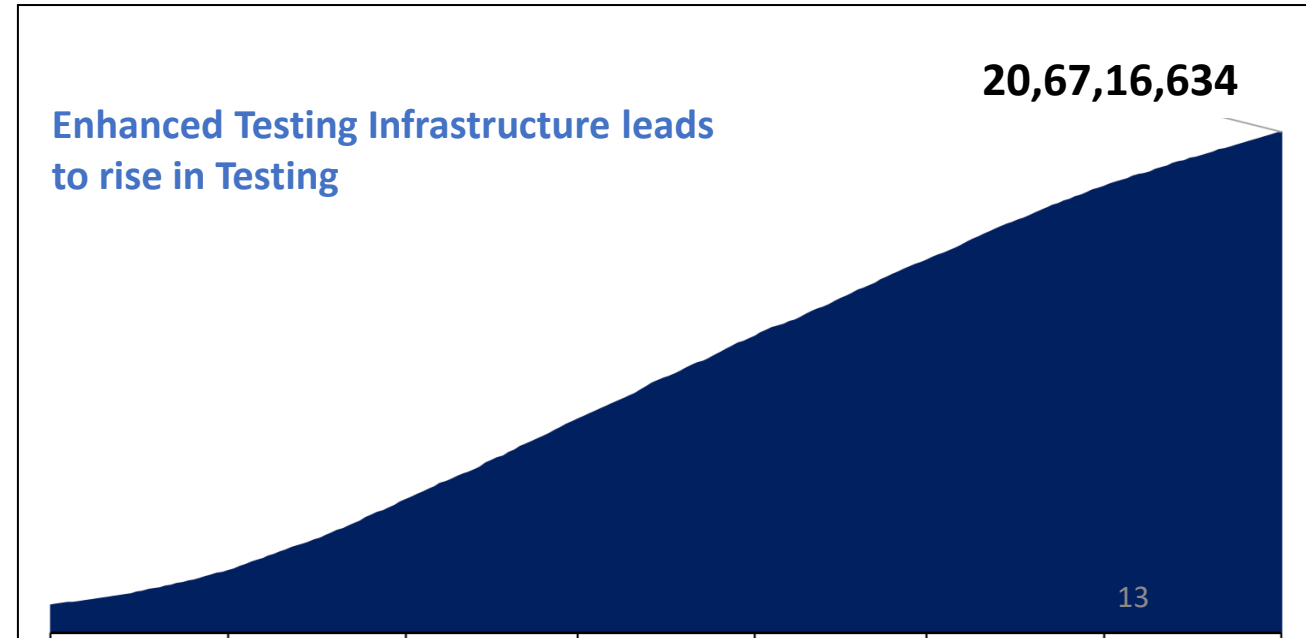
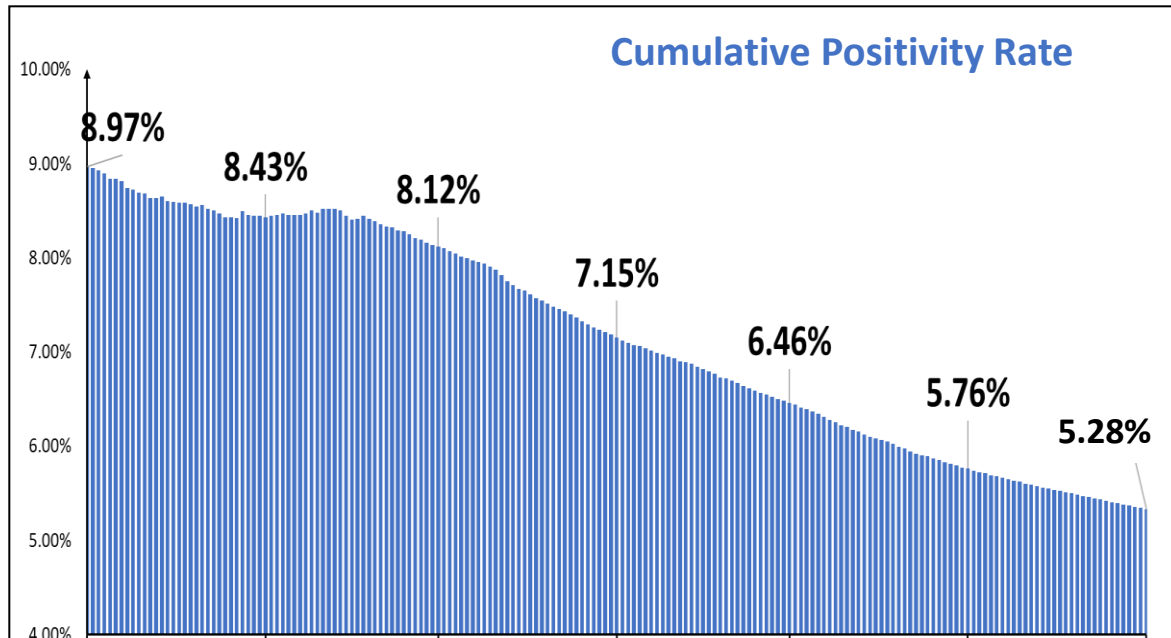
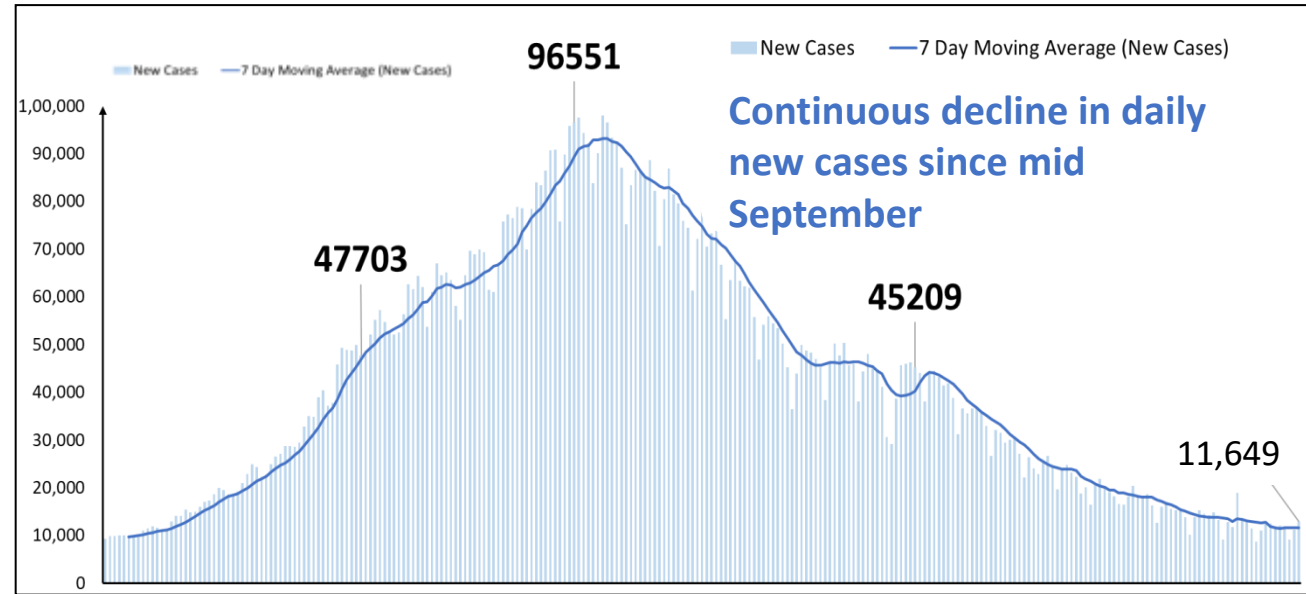
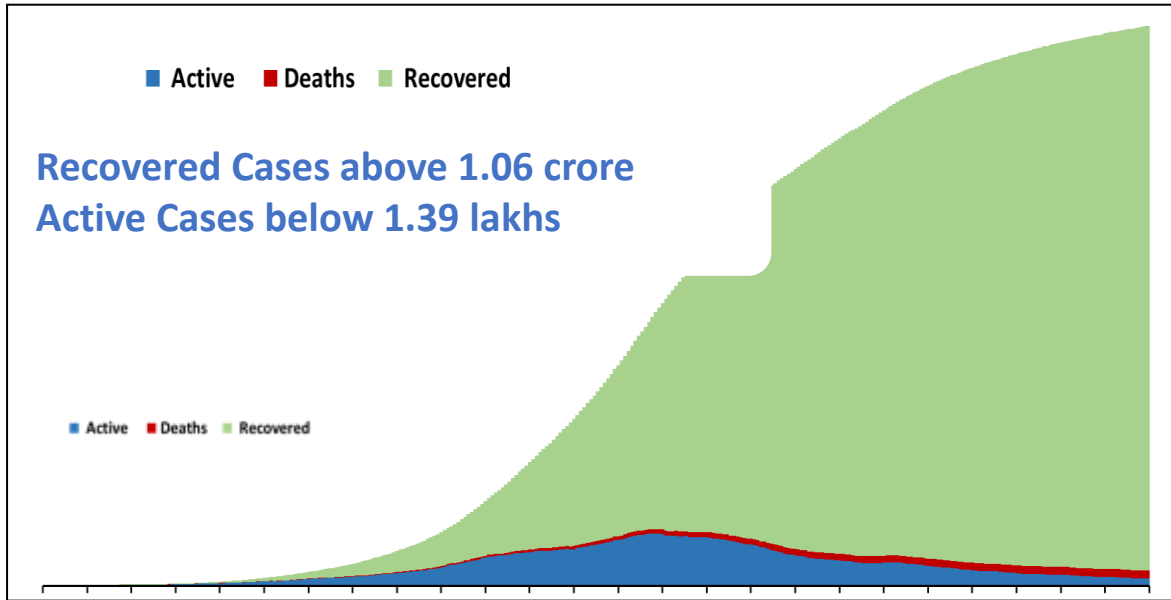
Expanding Human Resources for Health

| | 2014 | 2020 | Comments |
|----------------------------|--------|--------|-----------------------------|
| Number of Medical Colleges | 381 | 562 | Increase of 47.5% |
| No. of UG Seats | 54,348 | 84,649 | Increase of 48% |
| No. of PG Seats | 30,191 | 54,275 | Increase of 79% |

Partnership with Private Sector

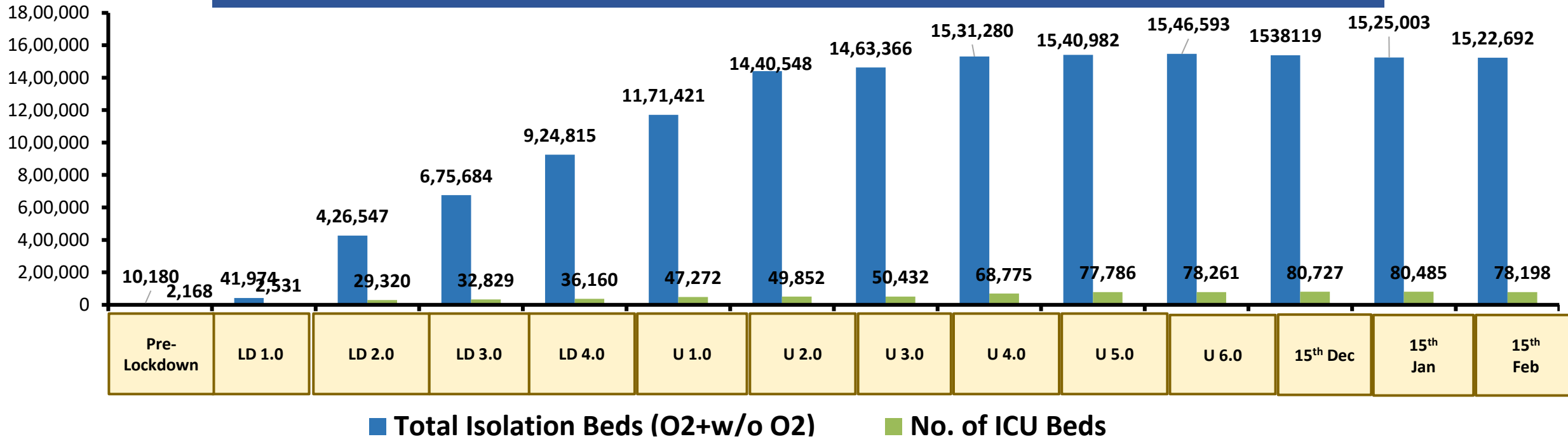
- **Private Sector is engaged in the provision of following services in public healthcare facilities**
 - **Pradhan Mantri Jan Arogya Yojana (PM-JAY)**
 - **Prime Minister National Dialysis Programme**
 - **Diagnostic Services – Hub and Spoke Model**
 - **Emergency Referral Transport (Dial 108 Ambulances)**
 - **Mobile Medical Units**
 - **Bio-Medical Waste Management System**
 - **Ancillary services at District Hospitals**
- **Private Sector is encouraged for following**
 - **Establishment of Hospitals in Tier-II and Tier-III cities**
 - **VGF scheme for establishment of Medical Colleges**

Corona Virus (nCOVID-19) -Situational Status in India as on 15th February 2021



Augmentation of Hospital Infrastructure

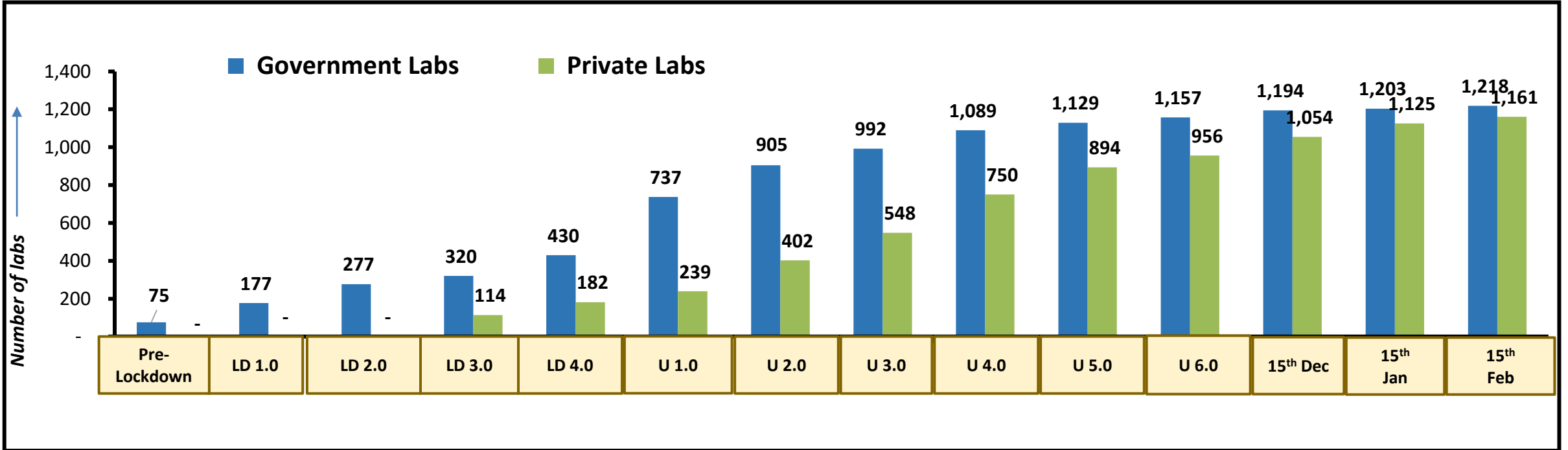
Increase of **151 times** in isolation beds and **35 times** in ICU beds



Infrastructure

- **Total isolation beds** (with/without oxygen) **increased to more than 15 lakhs** as compared to 10,180 before lockdown
- The number of **ICU beds** has **increased to around 78,000** as compared to just **2,168 before lockdown**

Augmentation of Testing Labs



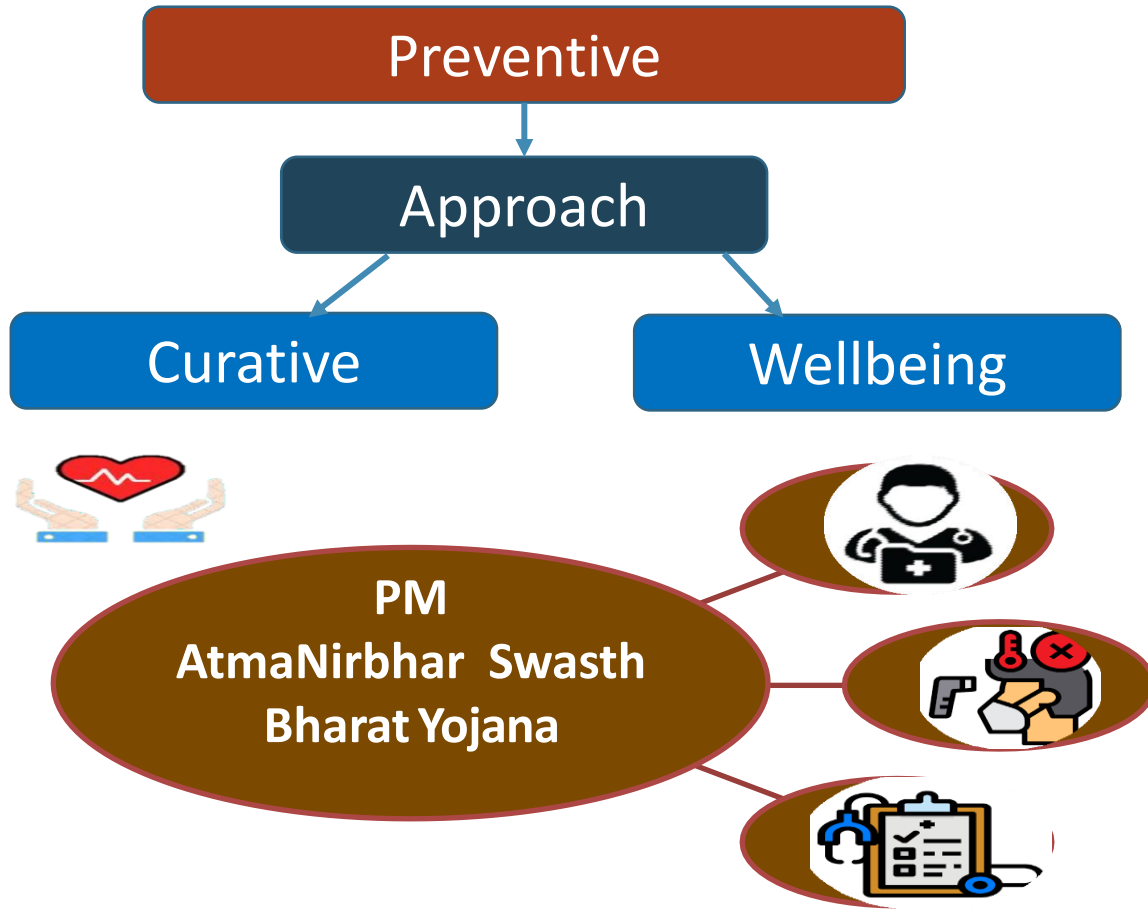
Testing Labs

- **More than 2,300 testing** facilities now as compared to just 1 in January
- Utilizing TruNAT, CBNAAT machines and Rapid antigen tests.
- More than **200 million tests conducted**
- Testing capacity day increased to **18.93 lakh tests / day from 30,000 in April**



**Budget
Announcements
FY 21-22**

Holistic Approach to Health



- ❖ Pneumococcal Conjugate Vaccine to be rolled across the country
- ❖ ₹35000 crore for Covid-19 Vaccine in 2021-22

Supplementary Nutrition Programme and Poshan Abhiyan to be merged and launched as Mission Poshan 2.0

- ❖ Outlay ₹64180 crore over 6 years
- ❖ Support for Health and Wellness centres

- ❖ Setting up of Integrated Public Health Labs
- ❖ Establishing critical care hospital blocks

- ❖ Strengthening NCDC
- ❖ Expanding integrated health information portal

- ❖ National Commission for Allied Healthcare Professionals Bill
- ❖ The National Nursing and Midwifery Commission



Translating Budget to Implementation



Prime Minister Atmanirbhar Swasth Bharat Yojana (PMASBY)

Objectives of PMASBY

- ❖ **To develop / strengthen** health systems across continuum of care to meet challenges of current and future pandemics
- ❖ **To expand and build** IT enabled disease surveillance systems
- ❖ **To strengthen** pandemic research, multi-sectoral national institutions and platform for One Health
- ❖ **To supplement** the needs for emergency response for COVID.

Centrally Sponsored Scheme Components of the Proposal

- 1. 1.5 lakhs Health and Wellness Centers (AB-HWCs) across the country by December 2022: Support to Building-less Public healthcare facilities in 7 High Focus States and 3 NE States.**
- 2. Urban HWCs (11,024) to provide public health functions and strengthen surveillance, focussed on slums**
 - **Comprehensive package of 12 services.**
 - **Health Promotion and Healthy Life Style (Eat Right / Fit India / Yoga)**
 - **Provision of Essential Medicines and Diagnostics for Expanded Services**
- 3. Block Public Health Labs with expanded range of diagnostic services – 3,382 Blocks in 11 High Focus States**
- 4. Integrated Public Health Labs to enhance diagnostic capacities in all 730 districts**
- 5. Critical Care Hospital Blocks in 602 major districts for health system preparedness for future outbreaks.**

Central Sector Components of the Proposal

1. **12 Central Hospitals to have 150 bedded Critical Care Blocks to provide advanced treatment, training and mentoring.**
2. **Strengthening Surveillance**
 - **20 Metropolitan Public Health Surveillance Units**
 - **Strengthened NCDC, 5 new Regional NCDCs (Ahmedabad, Dehradun, Bengaluru, Bhopal and Guwahati)**
 - **Implementation of Integrated Health Information Platform (IHIP) in all States**
3. **Strengthening 50 major Points of Entry (32 Airports, 11 Sea-Ports and 7 Land crossings)**
4. **Pandemic Preparedness during health emergencies to provide secondary and tertiary level medical care to affected population in difficult and inaccessible areas of the country**
 - **Two Self-contained container based mobile hospitals to provide Emergency Medical Services**
 - **15 Health Emergency Operation Centres (HEOCs) to coordinate response during health emergencies**

Legal Reforms

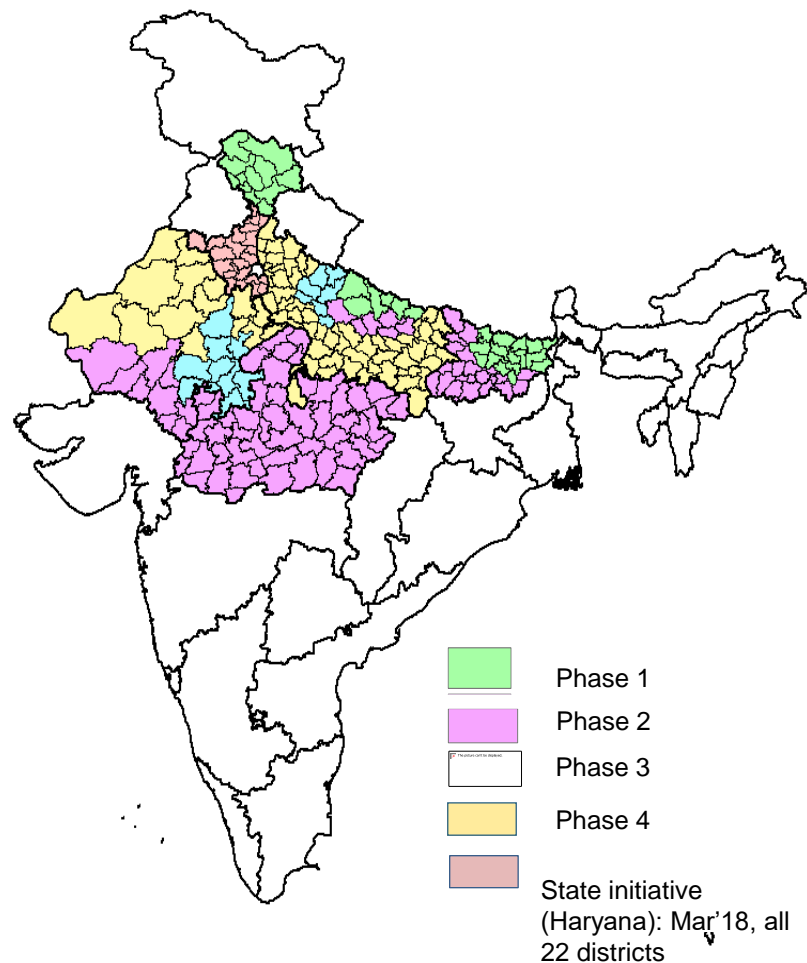
THE NATIONAL COMMISSION FOR ALLIED AND HEALTHCARE PROFESSIONS (NCAHP) BILL, 2021

- Landmark reform to regulate hitherto unregulated Allied & Healthcare Professions
- Bill introduced in Parliament and likely to be passed in ongoing Budget session)

THE NATIONAL NURSING AND MIDWIFERY COMMISSION BILL, 2021

- A draft Bill to reform the sector of nursing education by replacing Indian Nursing Council with a National Nursing & Midwifery Commission, on the lines of National Medical Commission
- Provides for regulation and maintenance of standards of education & services by nursing & midwifery professionals, assessment & rating of institutions & registration of professionals
- The Schedule to the Bill provides for various professional categories of Nursing and Midwifery personnel

Pneumococcal Conjugate Vaccine (PCV) Expansion Plan, India



Budget announcement 2021-22: PCV to be expanded nation wide in 2021

- 13% of under five deaths caused by Pneumonia of which 50% U-5 deaths due to Pneumococcal Pneumonia.
- Around 50,000 under five deaths can be averted annually by Pneumococcal Conjugate Vaccine (PCV).
- **PCV introduced in 5 States:** Bihar, Madhya Pradesh, Uttar Pradesh, Himachal Pradesh and Rajasthan. **Haryana introduced on its own.**
- **Around 50% of the Country's birth cohort is being covered by PCV in these 6 States.**

Roll-out of COVID-19 vaccination

Health Care Workers (1.01 crore registered)

- 61.07 lakh HCWs received 1st dose.
- Timeline of 25th Feb'21 for 1st dose to all HCWs including mop-up.
- 1.60 lakh HCWs received 2nd dose.

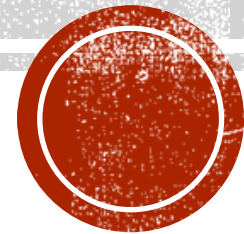
Front Line Workers (93.30 lakh registered, ongoing for revenue & PRI)

- 24.53 lakh FLWs received 1st dose
- Timeline of 6th March for 1st dose to all FLWs including mop-up.

Prioritized Age-groups (Approx 27 crore)

- Consultative process ongoing with States for finalizing operational strategy
- Vaccination planned to begin by mid of March'21

THANK YOU!



Budget Announcements: Implications in Health Research



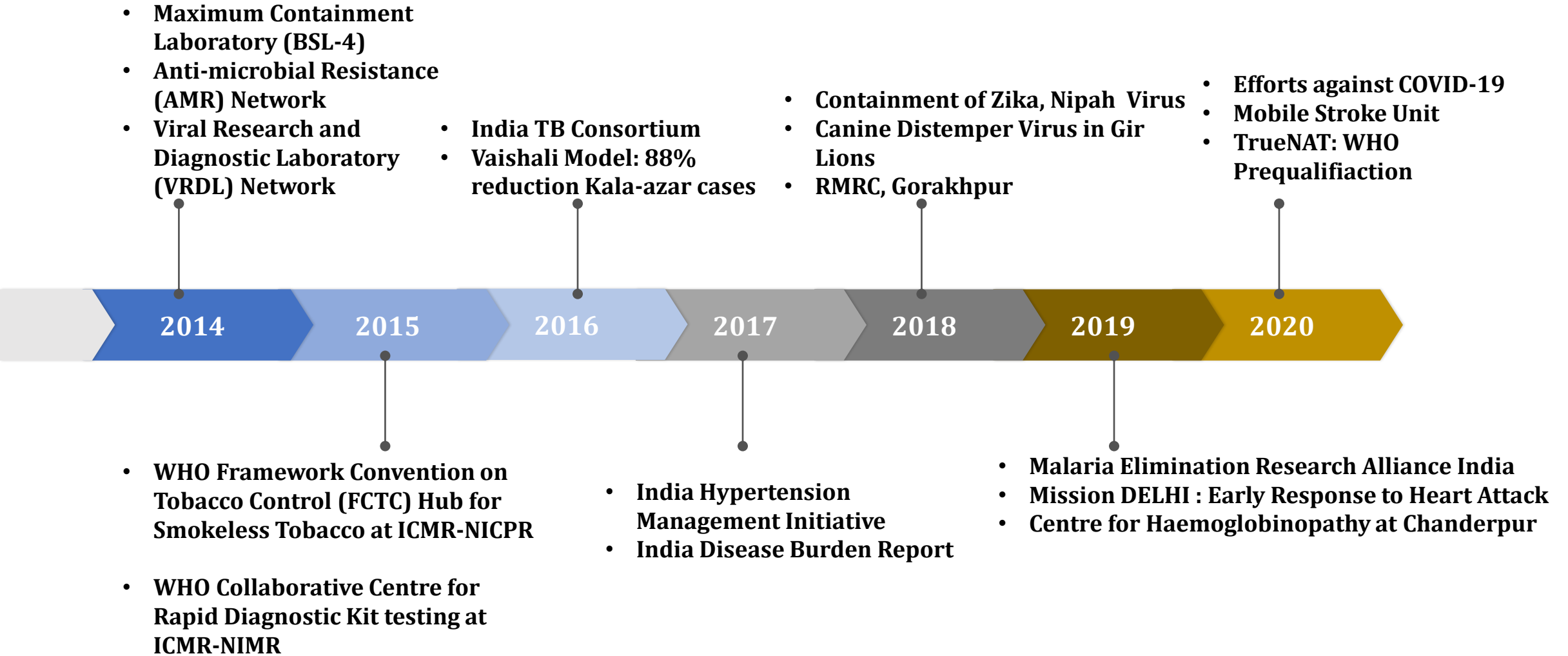
सत्यमेव जयते

Professor (Dr.) Balram Bhargava
Secretary DHR & Director General, ICMR
Department of Health Research
(Ministry of Health & Family Welfare)



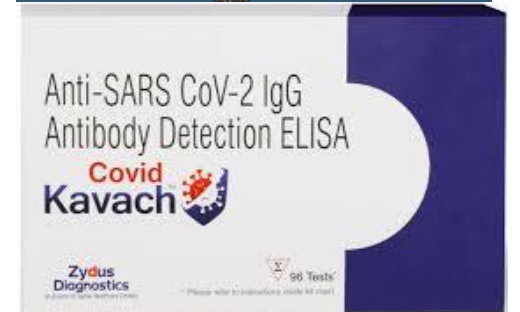
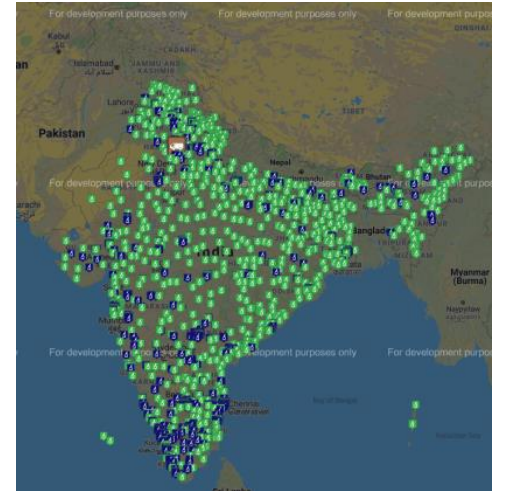
icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH
Serving the nation since 1911

Major Achievements in Last 6 years: Timeline



Tackling COVID-19 Pandemic

- Calibrated testing strategy
- Robust network of 2500 labs (20 Cr tests)
- Army of testing platforms (HTL, mobile, TrueNAT, Cobas)
- Diagnostics (RT PCR & Covid KAWACH ELISA)
- Vaccines (Covaxin & Covishield): EUA by DCGI
- National Serosurveys: 3 completed
- Isolation of virus & UK strain (One of the first countries in the world)
- National Task Force for policy decisions
- Validation of diagnostics kits/reagents
- Distribution of diagnostic supplies to labs across India



Biosafety & Biosecurity

(Major boost in the budget announcement)

- Rise in infectious disease outbreaks in recent years. **>60 outbreaks reported in 2020** across the world excluding COVID-19 (WHO)
- ICMR investigated **1240 regional outbreaks in last 6 years**



Setting up of a
National Institution
for One Health



A Regional Research
Platform for South
East Asia Region



9 Bio-safety Level III
laboratories

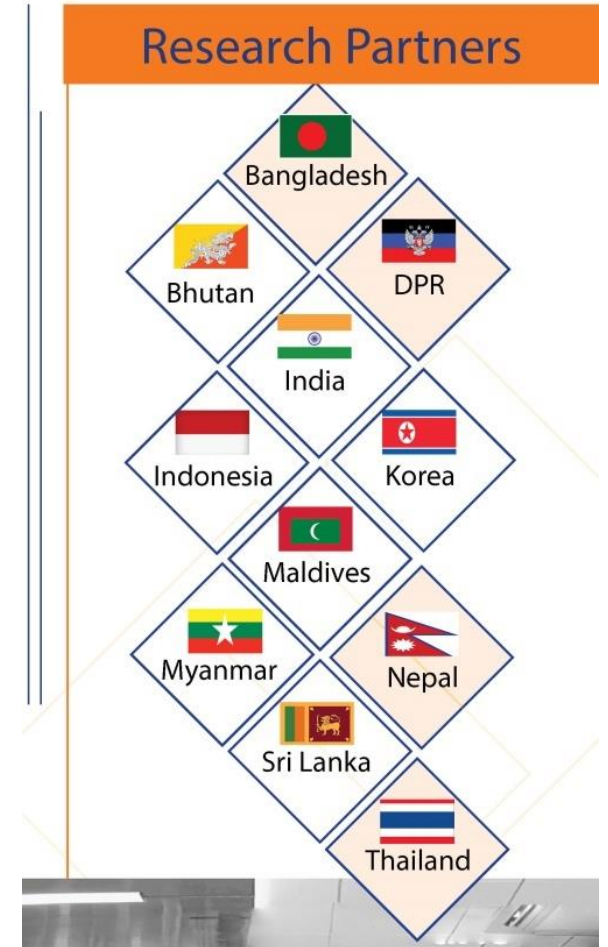


4 regional National Institutes
for Virology

Tackling Cross-border Infections

Regional RESEARCH Platform

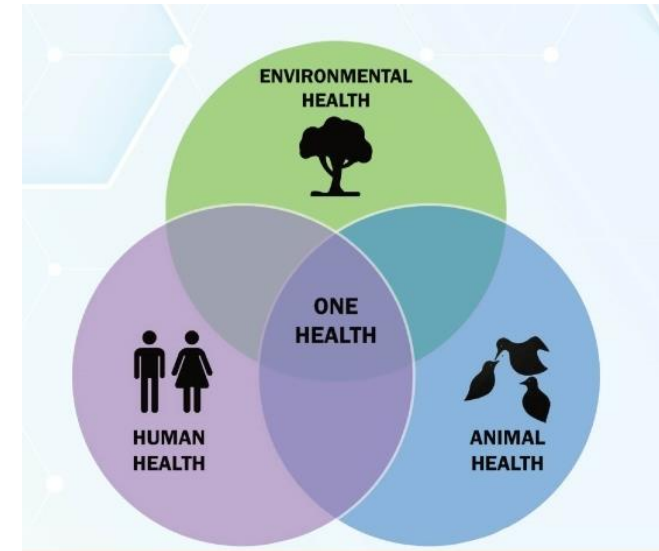
- Regional Enabler for South-East Asia Research Platform
- Platform to combat emerging infections
- To build research capabilities for biosecurity preparedness and strengthening pandemic research through multi-sectoral National Institutions



Epidemic Preparedness

National Institute of One Health

- 75% of the new diseases over the past 10 years caused by pathogens originating from an animal or from products of animal origin.
- One Health approach: to manage endemic and emerging epidemic threats of zoonotic diseases
- Dedicated infrastructure : National Institute of One Health (NIO) at Nagpur with Maharashtra Animal and Fishery Sciences University as the knowledge partner



Keeping the Promise: Disease Elimination

- **TB and Malaria Elimination in Mission Mode** to meet the target of 2025 & 2030 respectively
- DESH will empower elimination targets by providing mechanism of **real-time data management & roadmap development**
- Medical Device Mission Secretariat (MDMS) **to steer forward indigenous technologies** for being self-reliant



Setting up of a Disease Elimination Sciences & Health (DESH) division at ICMR-NARI, Pune



MDMS Division for Development of technologies for epidemiological diseases





Ministry of AYUSH

**IMPLEMENTATION STRATEGY OF BUDGET
ANNOUNCEMENTS 2021-22**

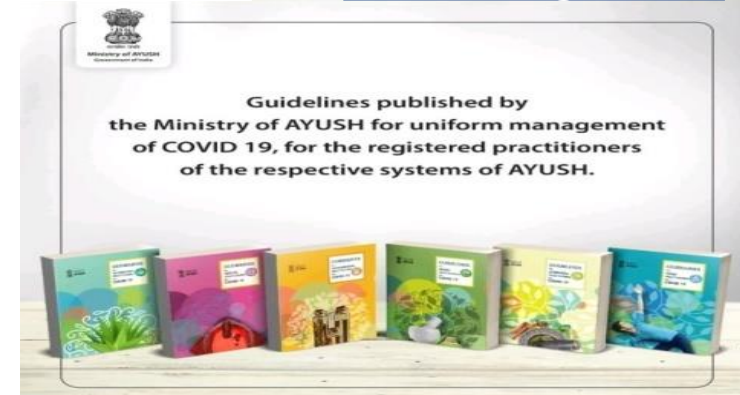
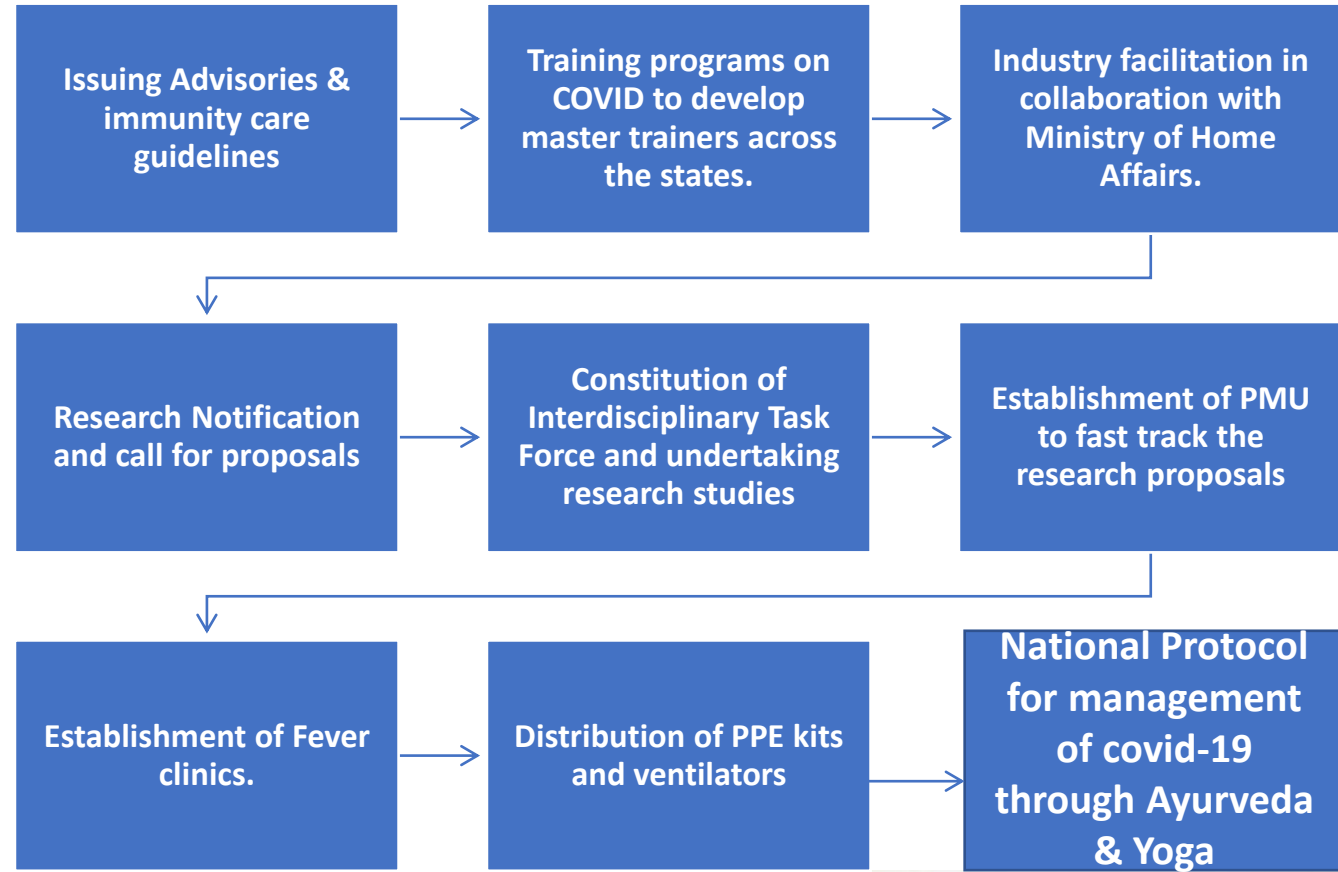
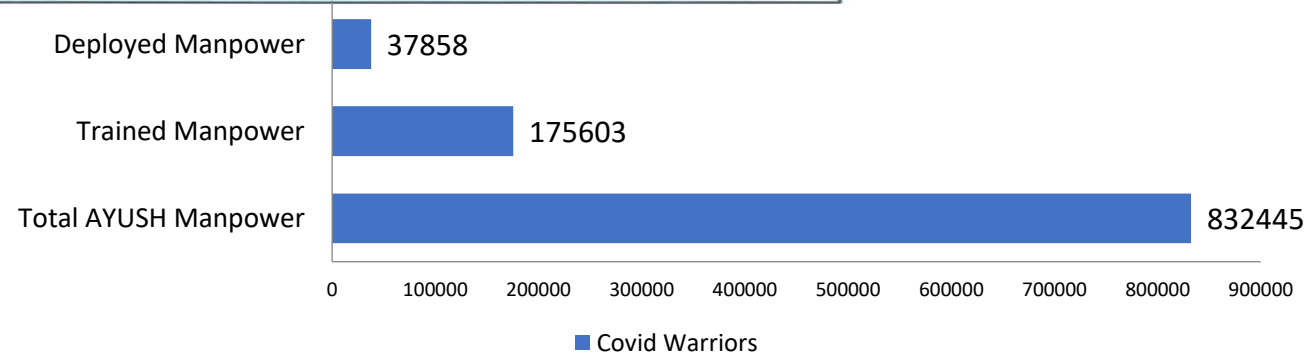
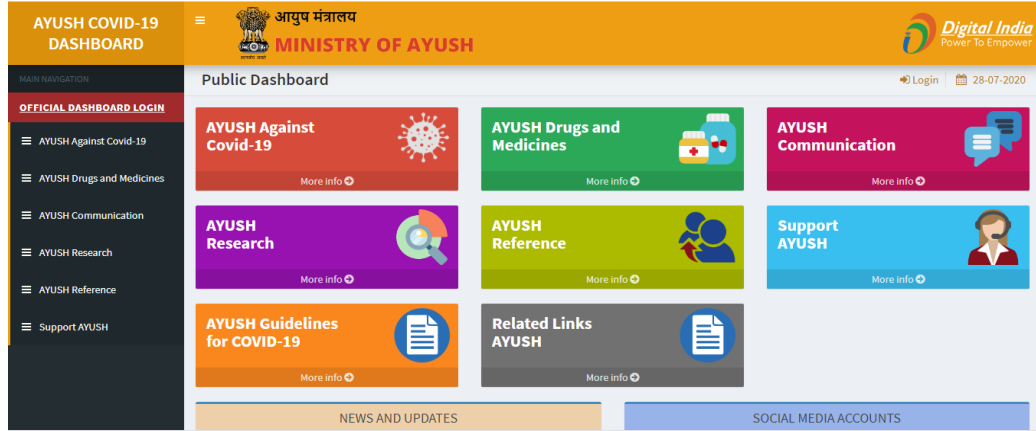
WEBINAR ON 23.02.2021



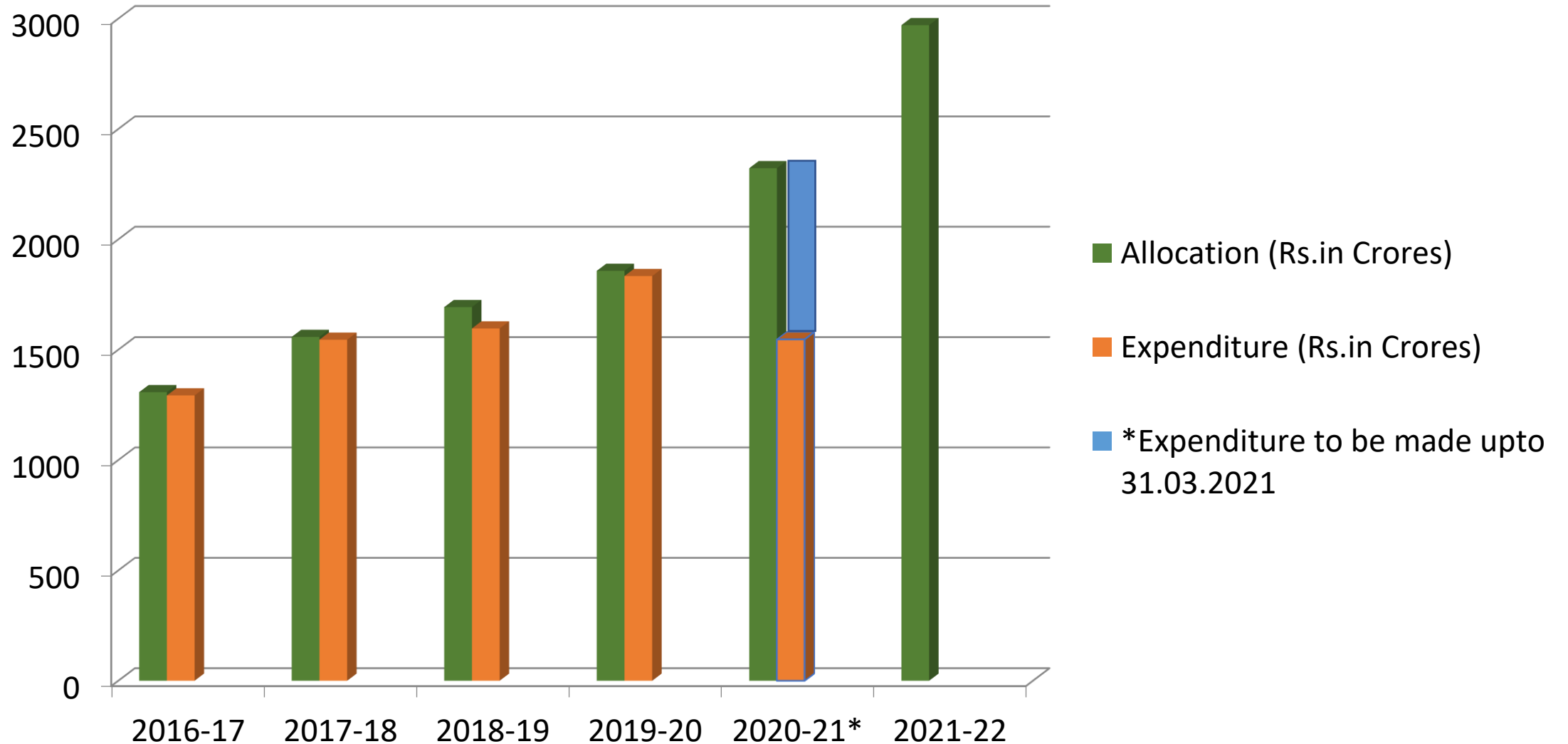
EMERGING ROLE OF AYUSH IN PUBLIC HEALTH

| | | |
|--|--|--|
| <p>101 Integrated AYUSH Hospitals supported under National AYUSH MISSION (NAM)</p> | <p>Holistic wellness Model launch of 12500 AYUSH Health & Wellness Centres under AYUSHMAN Bharat</p> | <p>Global recognition of Yoga for well being -International Day of Yoga on June 21</p> |
| <p>Establishment of Pharmacopeia Commission of Indian Medicine and Homeopathy for Standardisation & Quality Control of AYUSH drugs</p> | <p>Nationwide digital platform called "AYUSH GRID" – to bring onboard all AYUSH facilities, hospitals, laboratories and its alignment with NDHM.</p> | <p>Upgradation of Educational Institutes: -IHI at Jamnagar -Deemed University at Jaipur -Other National Institutes at advanced stage of Deemed University.</p> |
| <p>Setting up of satellite campuses of National Institutes for excellence in teaching and research</p> | | |

AYUSH RESPONSE DURING COVID-19 PANDAMIC



PROGRESSIVE ALLOCATION & EXPENDITURE IN AYUSH





Major initiatives proposed in Budget 2021-22 and in subsequent years.

- National AYUSH Mission-2.0 as Centrally Sponsored Scheme
 - 12,500 AYUSH Health & Wellness centres to be operationalised
 - Establishment of 100 integrated AYUSH Hospitals at district level
 - Focus on mainstreaming of AYUSH by public health initiatives like Chalo Bharat Abhiyan, Ayur Poshan, Supraja, Vayomitra etc.
- “Pradhan Mantri Vriksh AYUSH Yojana” for promotion of Herbal Cultivation under “Atma Nirbhar Bharat”
- Focus on completion of 4 satellite campuses of National Institutes for quality Education and Research



Major initiatives proposed in Budget 2021-22

Contd/-

- Strengthening of IT infrastructure in AYUSH Sector through AYUSH GRID.
- WHO Global Centre for Traditional Medicine in India.
- Champions Services Sector Scheme to establish super speciality AYUSH Hospitals in private Sector, skill development in AYUSH Sector to meet the domestic and International requirements.
- Initiative to promote investment in AYUSH Sector through Invest India's "Strategic Policy and Facilitation Bureau" in Ministry of AYUSH.
- Constitution of NCISM and NCH to improve quality and standards of AYUSH Education.



PM Vriksh AYUSH Yojana (PM-VAY)

- Rs.4000 crores financial package under Atma Nirbhar Bharat to promote cultivation, post harvest management and marketing of high value medicinal plants.
- 10 lakh ha. of farm land to be brought under cultivation in cluster approach involving farmers, FPOs and AYUSH entrepreneurs.
- 800 ha. area to be covered along banks river Ganga under National Mission on Clean Ganga.
- Emphasis **on post harvest management** for value addition, quality improvement and enhanced financial benefits to farmers.
- Backward integration with AYUSH industry.

Department of Pharmaceuticals

Webinar on 23rd February, 2021

Progress of last 6 years

| S No. | Budget Year | Para No | Budget Announcement | Progress |
|-------|-------------|---------|---|--|
| 1. | 2016-17 | 63 | Making quality medicines at affordable prices has been a key challenge. We will reinvigorate the supply of generic drugs. 3000 stores under PMBJP will be opened during 2016-17 | 3193 PMBJP stores were opened by end of FY 2017-18. (By end of FY 2016-17, this figure was 960). 7347 stores are functional as on 12 th February,2021. |
| 2. | 2020-21 | 28 | To expand Jan Aushadhi Kendra scheme to all districts offering 2000 medicines and 300 surgicals by 2024 | The scheme has been expanded to all the districts of the country. Product basket has been expanded to cover 1449 medicines and 204 surgicals and consumables. |
| 3. | 2020-21 | 42.02 | With suitable modifications, Scheme for incentivizing electronics manufacturing, to be adopted for manufacturing of medical devices too. | PLI scheme for medical devices was launched by DoP in July 2020. Total 28 applications have been received. 9 applications approved so far. Selection will be finalized by end of this month. |

Announcements during last one year (Covid period)

| S. No | Budget Year | Para | Budget Announcement | Progress |
|-------|-------------|------|---|---|
| 1. | 2021-22 | 40 | <p>Atma Nirbhar Bharat - Production Linked Incentive Scheme(PLI). For a USD 5 trillion economy, our manufacturing sector has to grow in double digits on a sustained basis. Our manufacturing companies need to become an integral part of global supply chains, possess core competence and cutting-edge technology. To achieve all of the above, PLI scheme to create manufacturing global champions for an Atma Nirbhar Bharat have been announced for 13 sectors. For this, government has committed nearly 1.97 lakh crores over 5 years starting FY 2021-22. This initiative will help bring scale and size in key sectors, create and nurture global champions and provide jobs to our youth.</p> <p><i>(New PLI scheme for Pharmaceutical drugs was also mentioned under Rs 1.46 lakh crore boost for Atmanirbhar Manufacturing- Production-linked incentives for 10 Champion Sectors- in the Atma Nirbhar 3.0 announcement made by FM on 12.11.2020)</i></p> | <p>DoP launched two PLI schemes in July, 2020. One for critical Bulk Drugs (Rs. 6940 crore) and another for Medical Devices (Rs. 3420 crore). 215 applications received for Bulk drugs and 28 applications for Medical Devices.5 applications approved in Bulk Drugs and 9 in medical devices so far. Selection would be over by end of this month. Another PLI scheme for pharmaceuticals drugs worth Rs 15000 crore is under approval.</p> |

What is proposed now & how will it be executed

Department proposes to promote and support pharmaceutical and medical device industry by :

- Setting up of Bulk Drug Parks and Medical Device Parks in next three years
- Bringing revised Pharmaceutical Technology Upgradation Assistance Scheme
- Promoting investment in Pharma sector by handholding through Pharma Bureau/ PDC and reduction of compliance burden and predictable policy initiatives
- Enhancing Regulatory Coherence by promoting transparency, timeliness and predictability in regulatory ecosystem
- Promoting R&D in the sector through policy measures
- Constant and Intense engagement with the Industry and other stakeholders to expeditiously resolve issues and remove bottlenecks