

**Government of India**  
**Ministry of Statistics & Programme Implementation**  
**National Statistical Office**

**A Report on Celebration of World Statistics Day – 2020 in India**

The third World Statistics Day (WSD) was celebrated globally on 20th October, 2020 with the theme "**Connecting the world with the data we can trust**". This theme reflects on the importance of trust, authoritative data, innovation and the public good in national statistical systems.

**Background:**

The first World Statistics Day was celebrated on 20 October 2010 with the theme "Service, professionalism, integrity: celebrating the many contributions and achievements of official statistics". On 3 June 2015, the United Nations General Assembly adopted a resolution, in which it designated 20 October 2015 as the second World Statistics Day and decided to celebrate the Day every five years on 20 October. The second Day was celebrated on 20 October 2015 with the theme "Better data, better lives".

The celebration of World Statistics Day 2020 is a global collaborative endeavor, organized under the guidance of the United Nations Statistical Commission. The Statistics Division of the United Nations Department of Economic Affairs is the global coordinator of the campaign, defining global key messages and making available outreach resources to countries and other partners. In this connection, national statistical offices act as national coordinators, translating promotional materials into national languages and organizing events and outreach efforts at national and sub-national levels. Also, International organizations play a key role in amplifying campaigns at the global and regional levels and organizing their own events.

**Events organised by Central/ State Government in India:**

In India also, the World Statistics Day – 2020 was celebrated on 20<sup>th</sup> October, 2020 by various Central Government Ministries and State Governments in tune with the theme of the WSD- 2020.

National Statistical Office, Ministry of Statistics & Programme Implementation, as a part of its outreach efforts, had encouraged other Ministries/Departments dealing with some statistical work and States/UTs, to observe WSD 2020 and launch their organizational initiatives in tune with the theme of WSD 2020.

The various events organized on World Statistics Day, 2020 were as follows:

**(A) At the Central Level**

(i) National Statistical Office, Ministry of Statistics & Programme Implementation had released a digital poster (**Annexure-I**) demonstrating the MoSPI Activities in tune with the theme of the WSD-2020, on various social media platforms.

(ii) M/o Health & Family Welfare (MoHFW) organized the event wherein Secretary, MoHFW and DG (Health Statistics) highlighted the importance of the occasion. During this interactive event, the biennial publication “Health & Family Welfare Statistics in India, 2019-20” was released which is regularly brought out by the Statistics Division of MoHFW. This time a new dimension was introduced in the publication with a new chapter titled “Sustainable Development Goals-Indicators on Health”. The key note address and related photographs of the celebration is enclosed at **Annexure-II**.

(iii) Ministry of Corporate Affairs conducted a webinar to mark the World Statistics Day – 2020 and was webcasted live over NIC platform. The event was organized with a view to showcase statistical approach as applied and maintained by India in almost every field it works with or deals with. The webinar was full of statistical thoughts, views, life experiences and knowledge. 1867 Webinar Login Sessions were recorded, of the users’ individuals and groups who attended the webinar. A report on the events conducted along with photographs is enclosed at **Annexure-III**.

**(B) At the State level**

(i) Directorate of Economics & Statistics, Government of Tamil Nadu organized a comprehensive three day Virtual Events on the occasion starting from 19.10.2020 to 21.10.2020 wherein various topics including Use of Big data in Governance, Artificial Intelligence for Data Analysis, Data Quality Framework for data we trust, Evidence based Policy making, Sustainable Development Goals, Technological Innovation in Census Methods and “connecting the world with data we can trust ” -Indian Perspective, etc. were deliberated. On 20.10.2020, the Programme was inaugurated by Hon'ble Minister for Co-operation, Statistics and Ex- Servicemen Welfare. A report on the events conducted along with photographs is enclosed at **Annexure-IV**.

(ii) Directorate of Economics & Statistics, Government of Gujarat had celebrated the WSD-2020 virtually through video conferencing. The celebration was attended by more than 150 officers and employees of Statistics Cadre of the State as well as officers from General Administration Department (Planning) of the State. The report on event organised is enclosed at **Annexure-V**.



सत्यमेव जयते

Government of India  
Ministry of Statistics and Programme Implementation  
National Statistical Office



# World Statistics Day 20 Oct 2020

THEME :

**CONNECTING THE WORLD WITH  
DATA WE CAN TRUST!**



**ISO 9001:2015  
Certification of  
Products**

**National Accounts  
Division**

**Price Statistics  
Division**

**Advance Release  
Calendar**

**Gross Domestic  
Product**

**Consumer Price  
Index**

**Index of Industrial  
Production**

**ICT Intervention for**

**Data Collection,  
Compilation  
and  
Dissemination**

**Best Practices**

**Statistical Data and  
Metadata eXchange  
(SDMX) Programme**

**Adoption of United  
Nations Fundamental  
Principles of Official  
Statistics**

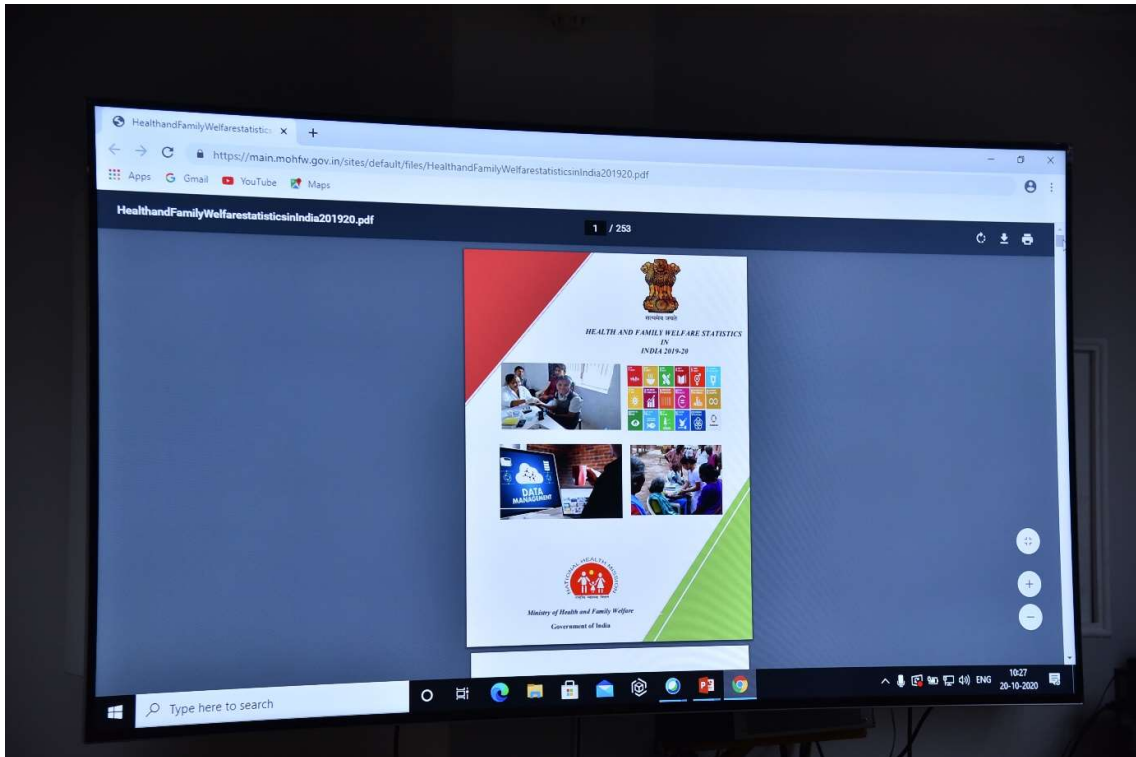
**Ministry of Health and Family Welfare releases biennial publication “Health and Family Welfare Statistics in India, 2019-20” on the occasion of Third World Statistics Day celebrated on 20<sup>th</sup> October, 2020.**

Ministry of Health and Family Welfare celebrated 3<sup>rd</sup> World Statistics Day on 20<sup>th</sup> October, 2020 at Nirman Bhawan, New Delhi. In this auspicious occasion, Director General (Statistics), MoHFW appreciated the importance of statistics in guiding and monitoring the developmental programs of Government of India. It is therefore very important to improve the quality and availability of statistics. Statistics are not just about numbers but also the key ingredients in formulation of right plans and policies of a country. MoHFW has been making all efforts to improve the data quality of Health Management Information System in which about 2 lakhs facilities are directly uploading data into the portal on more than 200 indicators. The information available through NFHS on Health and other parameters is beneficial in evidence based decision and policy formulation for the researchers and concerned stakeholders

The Secretary, MoHFW expressed that the theme of the 3<sup>rd</sup> World Statistics Day celebrated around the globe, “**Connecting the world with data we can trust**” is very relevant. Statistics is a public good and theme adopted for the World Statistics Day reflected the importance of trust in bringing out quality administrative data, innovation in the statistical systems placed in every Ministry and Organization. Data collection, its analysis & interpretation are the backbone for successful monitoring and evaluation of any programme or scheme. In India, there are various sources for health related data but this Ministry mostly depend on National Statistical Office for various health related surveys. Ministry of Statistics & Programme Implementation, as the coordinators of National Statistical System, has to take the challenge of redefining their role to assure quality as the information providers, and not just the data producers.

During this interactive event, the biennial publication “Health & Family Welfare Statistics in India, 2019-20” was released which is regularly brought out by the Statistics Division. This time a new dimension was introduced in the publication with a new chapter titled “Sustainable Development Goals-Indicators on Health”. This report has insightful analyses of comprehensive demographic and health indicators classified by various socio-economic categories. This event raised public awareness especially among younger generation about the role of Statistics in socio-economic planning and policy formulation.

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# Report on Webinar Conducted by Ministry of Corporate Affairs



STATISTICS DIVISION  
MINISTRY OF CORPORATE AFFAIRS  
NEW DELHI



Webinar Summary Report:

## WORLD STATISTICS DAY 2020

### CONNECTING THE WORLD WITH THE DATA WE CAN TRUST

20<sup>th</sup> October, 2020

#### Acknowledgements –

A Webinar on World Statistics Day with theme “CONNECTING THE WORLD WITH DATA WE CAN TRUST” was held on 20<sup>th</sup> Oct, 2020 at 10 a.m., organized by Statistics Division of Ministry of Corporate Affairs. The organizers would like to thank **Shri Rajesh Verma**, Secretary, Ministry of Corporate Affairs for providing the opportunity and consent to Statistics division of MCA to celebrate World Statistics Day, **Smt Geeta Singh Rathore**, DDG, Ministry of Corporate Affairs for Opening the ceremony, honorable speakers, **Prof Bimal Kumar Roy**, Chairman NSC, **Dr. O.P. Mall**, Executive Director of RBI, **Shri Awadhesh Kumar Mishra**, ADG, MOSPI, **Prof Abhiman Das**, IIM Ahmedabad and Shri Rahul Tiwari, Chief Consultant, CDM-MCA for their valuable time, presentations and sessions. **Smt Geeta Singh Rathore**, DDG, MCA shared the Key Take away and concluded the Webinar. The Webinar was compered by **Shri Nirnay Pratap Singh**, AD (Stats), MCA. Special thanks to Shri Jaskaran Singh Modi and the entire NIC Team for their prompt and quick support for smooth organization of the Webinar.

#### Introduction –

Ministry of Corporate Affairs experienced the privilege to celebrate the 3<sup>rd</sup> World’s Statistics Day on 20<sup>th</sup> October, 2020, with the theme “CONNECTING THE WORLD WITH THE DATA WE CAN TRUST”, with entire world. MCA being India’s biggest depository of corporate data and CDM efficiently defining itself as a data lab for the Statistics Division of MCA, successfully conducted a webinar to celebrate the same.

The event was organized with a view to showcase statistical approach as applied and maintained by India in almost every field it works with or deals with. The webinar was full of statistical thoughts, views, life experiences and knowledge. It was an endeavor by the Statistics Division of the Ministry of Corporate Affairs which intended to raise awareness on the importance of trustworthy and authentic data.

With due permission of Secretary, MCA, Shri Rajesh Verma and under guidance of Additional Secretary Ms. Anjali Bhawra along with constant effort by entire team of Statistics Division the event flew high on the date capturing pretty good number of audience. 1867 Webinar Login Sessions were recorded, of the users’ individuals and groups who attended the webinar.

This report presents a summary of the presentations and key takeaways from the sessions of the most intellectual delegates as honorable speakers - Secretary, MCA, Shri Rajesh Verma, DDG, MCA, Smt. Geeta Singh Rathore, Prof. Bimal Kumar Roy, Chairman NSC, Dr. O P Mall, Executive Director RBI, Shri Awadhesh Kumar Mishra, ADG, MoSPI, Prof. Abhiman Das, IIM Ahmedabad and Shri Rahul Tiwari, MCA-CDM.

## Webinar - Panel Discussion –

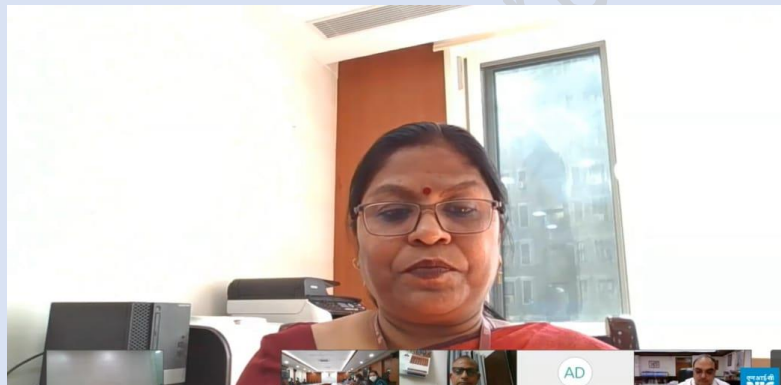
Some of the thoughts shared by the honorable speakers illuminating the need and existence of statistics in India are as mentioned below.

### Shri Nirnay Pratap Singh –



Shri Nirnay Pratap Singh, Assistant Director, Ministry of Corporate Affairs compered the Webinar. He explained the concept of World Statistics Day and its importance. He introduced all the speakers and ensured smooth running of the event from start to end.

### Smt. Geeta Singh Rathore –



With due permission of Secretary MCA, Smt. Geeta Singh Rathore, DDG initiated the Webinar with the opening session where she welcomed and thanked the panel and the webinar audience for participating.

She also shared the history of the Statistics and how the good data and statistics play an important for decision making for sustainable development goals. Correct, reliable and trusted data are necessary to understand the evolving world we live in.



She also shared that this day remarks the need of trusted and authoritative data which will help in innovation. Statistics day is an opportunity for us to recognize the importance of statistics in guiding and monitoring the developing programs. It also helps in improving the quality and availability of statistics.

**Shri Rajesh Verma –**



The event began with Secretary of Ministry of Corporate Affairs, Shri Rajesh Verma sharing his views on how the very first World's Statistics Day was celebrated on 20th October, 2010 with theme "Service, Professionalism, Integrity, celebrating many contribution and achievements of Statistics" and then after 5 years in 2015, 2nd World's Statistics Day was celebrated with theme "Better data better life". However, India celebrates its own Statistics every year on 29th of June, on the birth anniversary of Prof. P C Mahalanobis in recognition of his invaluable contribution in establishing the National Statistical System.

India being member of global fraternity celebrates World's Statistics Day. He explained how India aims at enhancing statistical awareness and developing confidence of people in official statistics. He also stated how statistics is important and crucial for economic development and contribute to progress of nation and is indispensable from academics and research works. Timely and reliable data is essence of work either done by government or any corporate.

He also threw some light on how MCA21 since 2006 have the largest electronic depository of corporate data. CDM-MCA was established as forward linkage in 2015, now holds about one and half decade old corporate data in electronic form and is still growing. He included some of the details such as more than 20 lakh companies are registered till date in India which increased by about 80% over the period of ten years (2009-2019).

Thoughts of Hon'ble Secretary, MCA actually enabled everyone to get idea about MCA's strength in corporate data and the statistical approaches to manage and use the same.

Prof. Abhiman Das –



The first speaker was Prof. Abhiman Das from IIM Ahmedabad. He started sharing his ideas with how United Nation has come up with this theme of “CONNECTING THE WORLD WITH DATA WE CAN TRUST” which reflects the importance of trust on authoritative data, innovation and the public good in National Statistics System.

He continued with how Statistics was not so encouraging always, as many low-middle income countries are using outdated base year for national accounts and price statistics. Prof. Abhiman Das took up the stage to explain the concept of Authoritative data and its need in Statistics.

He brought forward the cons as attached with data and so talked about existence of political interference in data and how it hinders trust on data. After that he explained how Big data are helpful for Official statistics by taking example of Geospatial Data and Data 2X project (2017).

He concluded his speech with a noble idea that Data could be used fearlessly so building of TRUST in data is necessary and expressed his perspective on, how Spread as well as recovery of COVID-19 critically depends on Statistics of same as being shared around.

## Shri Awadhesh Kumar Mishra



The second honorable speaker in the Third World Statistics Day Webinar of Ministry of Corporate Affairs was Shri Awadhesh Kumar Mishra, ADG, MoSPI.

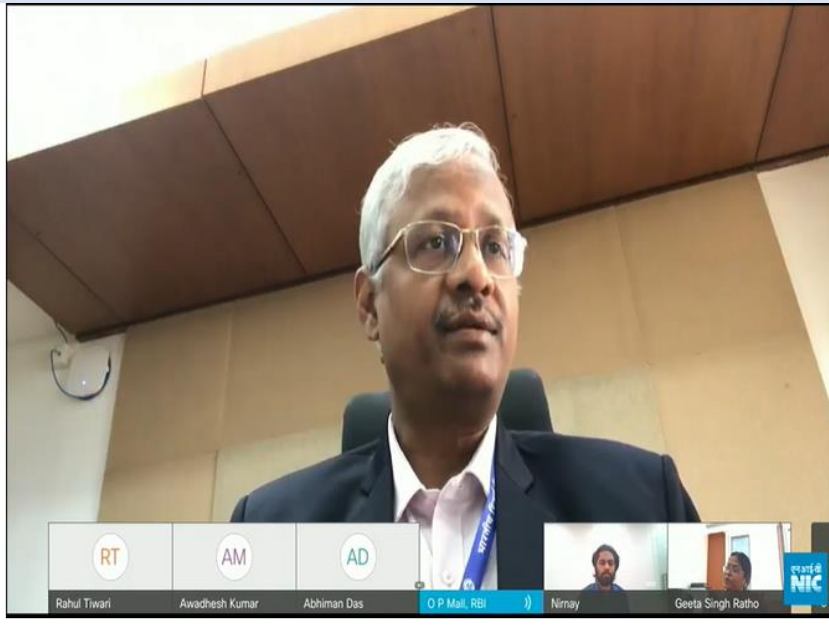
He started sharing his views with the notion on how data is necessary for Decision making and so requirement for building trust worthy data in world.

He further talked about cost effectiveness of data in case of Big data requirements. He further added the role of NSO in same. Shri Mishra explained NSO's concept of NIIP i.e. National Integrated Information Portal being developed where combining data from traditional source could be done.

He explained 2 major initiatives of NSO regarding 2030 Agenda for SDG and 7<sup>th</sup> Economics Census.

The ideas that were shared by Shri Awadhesh Kumar Mishra were quite descriptive along with supporting details and examples.

## Dr. O P Mall



The third honorable speaker who took up the stage was Dr. O P Mall, Executive Director RBI.

Dr. Mall started with expressing his detailed experienced knowledge and ideas about Statistics from perspective of Non- statistical people to emphasis on the global requirement of theme “CONNECTING THE WORLD WITH DATA WE CAN TRUST”.

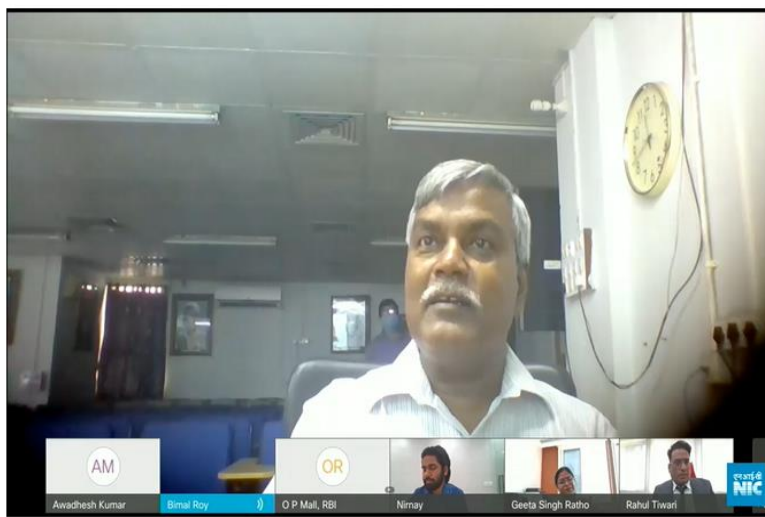
He further elaborated the requirement of transparency to be maintained with Data to make it more reliable and relevant. He further explained the effects of Globalization on Statistics. Dr. Mall emphasized the role and requirement of balance sheet whether of government, world, corporate or household in world statistics

He added how globally people’s perspective is being changing and they are so much interested in statistics.

Dr. Mall came up with different branches of statistics like Data science and how it is included in various departments like banking, pharma, engineering etc.

He concluded his views with thoughts that Statistic day is being celebrated since last 10 years and aims at making the life of common people better and convenient.

## Prof. Bimal Kumar Roy



The last speaker for the event was Mr. Bimal Kumar Roy, Chairman NSC who started his powerful speech with thorough description on what India has contributed to world in field of Statistics. Mr. Roy explained statistics very mathematically taking up the concept of “Notion of Distance”.

Then Mr. Roy explained the concept of statistics by taking tools like Sampling, law of chances, Law of black hole, Motion of efficiency, Maximum root test etc.

He illuminated that the concept of “ $D^2$  Statistics (D Squared)” was not only statistics but was a scientific concept given by India to world which is most referred statistical work. He also illuminated the contribution of Indian Statisticians R R Bahadur, S N Roy, R C Bose, C R Rao to world of statistics. He called 30s to late 60s as the era of development of statistics in India.

**These enlightening speeches were succeeded by Professor. Bimal Kumar Roy launching the social media handles, along with that he also launched the enhanced version of MCA CDM portal.**

### **MCA CDM Portal:**

<https://www.mcacdm.nic.in/>

### **Social Media Handles-**

Facebook

<https://www.facebook.com/CorporateStatistics/>

Handle - @CorporateStatistics

Instagram

<https://www.instagram.com/cdmstats/>

Handle - @cdmstats

Twitter

<https://twitter.com/CorporateStats>

Handle - @CorporateStats

## **Shri. Rahul Tiwari**



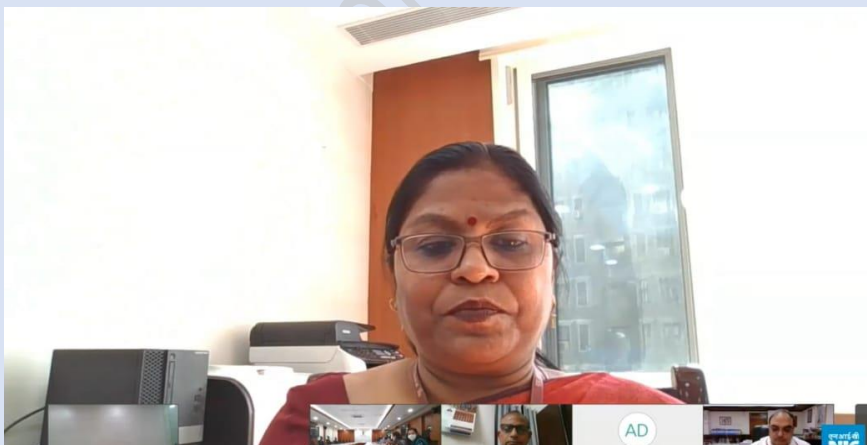
A detailed presentation was given by Mr. Rahul Tiwari, Chief Consultant, CDM. Mr. Tiwari started his presentation with showing the importance of the theme “CONNECTING THE WORLD WITH DATA WE CAN TRUST”, so selected by United Nations for celebrating the 3rd World’s Statistics Day.

His presentation then swiftly talked about how statistics matters in India’s growth story taking up the current trending example of India’s timely and planned response to COVID-19.

He talked about potential focus area in terms of data –Data Storage, Data Governance Standard, Data Security and Privacy, Emerging technology, International banking and Skill Development.

He shared the insights on the need and contribution of data to fight the COVID crises and so justified the big theme for celebrating 3rd World’s Statistics Day.

## **Smt. Geeta Singh Rathore**



After the most idiomatic and divine session of the guest speakers and the Secretary, DDG MCA Smt. Geeta Singh Rathore, closed the ceremony by sharing the key takeaways, thanking all the speakers and the organizing team.

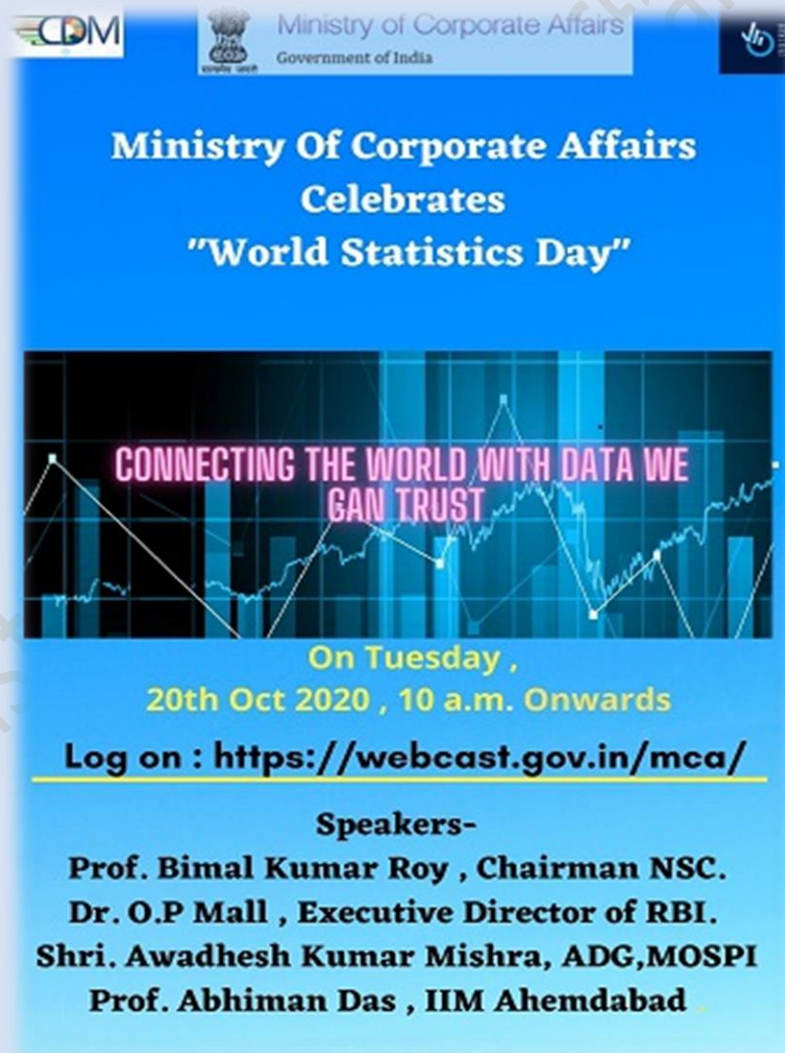
## Conclusion –

It was seen that the celebration of 3rd World's Statistics Day by MCA with the theme "CONNECTING THE WORLD WITH DATA WE CAN TRUST" was very successful.

The webinar was able to attract audience from across the world marking a visitor list of about 1867 people in Webcast.

The social media handles of Facebook page, Instagram page and Twitter is showing up with constant rise in followers since its launch. So MCA takes the event to be quiet successful as well as enlightening.

## Gallery –



Ministry of Corporate Affairs  
Government of India

**Ministry Of Corporate Affairs  
Celebrates  
"World Statistics Day"**

**CONNECTING THE WORLD WITH DATA WE  
CAN TRUST**

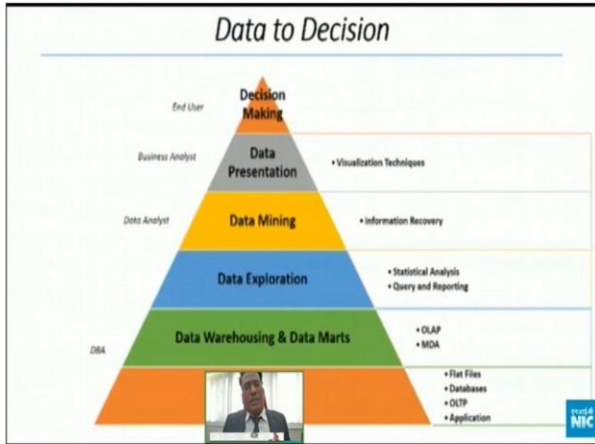
**On Tuesday ,  
20th Oct 2020 , 10 a.m. Onwards**

**Log on : <https://webcast.gov.in/mca/>**

**Speakers-**

- Prof. Bimal Kumar Roy , Chairman NSC.**
- Dr. O.P Mall , Executive Director of RBI.**
- Shri. Awadhesh Kumar Mishra, ADG, MOSPI**
- Prof. Abhiman Das , IIM Ahemdabad**

**Snaps from Presentations:**





**Big Data and Official Statistics**

- The United Nations (UN) Global Working Group on Big Data for Official Statistics
- Idea is to work together – Statistical agency and their private sector partners.
- The use of unconventional data sources to supplement official statistics.
- Any success stories?
- Statistics South Africa - assessing the use of detailed scanner data from retail chains as inputs to the consumer price index.
- Statistics Canada is investigating the use of data from smart meters to track electricity consumption.
- The World Bank Group is partnering with the government of Colombia to assess use of call detail records to measure income and inequality.
- SDG – big



## Statistics Day

- National Statistics Day
- World Statistics Day
- It is celebration of Statistics – past, present and what lies ahead
- As per the UN, 'this theme reflects the importance of trust, authoritative data, innovation and the public good in national statistical systems'
- Authoritative data?
  - *Cohesive set of data assets that provide trusted, timely, and secure information to support decision making*
  - *Information is visible, accessible, understandable, and credible to information users*

## Big Data and Official Statistics

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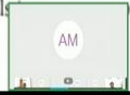

## Big Data and Official Statistics

- MIT Billion Prices Project
- Geospatial data - Data2X project (2017) - to improve the understanding of stunting, literacy and access to contraceptives in Bangladesh, Haiti, Kenya, Nigeria and Tanzania.
- Night Light data
- Aadhaar
- GSTN
- Finally, big data can complement and address data gaps in a variety of ways.
- But big data say a lot about 'who we are, what we do, when, with whom and where' – data privacy is a key concern



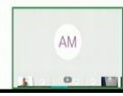

## Sustainable Development Goals

- The 2030 Agenda for Sustainable Development consists of 17 Sustainable Development Goals (SDGs) and associated 169 targets.
- Huge demand of reliable data for monitoring and implementation of SDGs.
- Government is committed to ensuring "Sabka Saath, Sabka Vikas, Sabka Vishwas" in the spirit of the Sustainable Development Goals' motto of "Leaving No One Behind".
- The ambitious programme of goals and targets, requires trackable indicators at disaggregated levels. No one is left behind



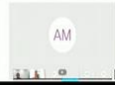
## Role of NSO in the realm of 'big data'

- A role of a trusted intermediary, where big datasets could be housed, curated, anonymised and disseminated under strict and controlled conditions.
- Accreditation or certification of data sets to keep control of quality and limit the risk data sets that fail the test of transparency, proper quality, and sound methodology.
- Ensure adherence to the UN Fundamental Principles of Official Statistics.
- Indicators to comply with the UN Statistical Quality Assurance Framework.



## Data and the NSO (Cont..)

- The extant data revolution is disrupting traditional modes of production, human interaction and public discourse.
- This revolution can help overcome enduring barriers and solve long-standing problems, bringing benefits to people previously left out, left behind or forgotten.
- NSOs worldwide are attempting to use a variety of sources to compile a wide range of official statistical indicators.
- These big data may be used in conjunction with or as a replacement for traditional data sources to improve, enhance and complement existing statistics.



## To learn from the Pandemic :: India's Data Needs

The labour migration during lockdown and state of public health system in India emerged as one of the critical subjects that w.r.t. maintenance and dissemination of data

On the other hand, Digital adoption has empowered people as well as businesses during this COVID crisis

India saw significant spike in internet usage and digital payments

From media habits to e-market places, work from home to virtual meetings; everything has become online

New trends like Use of BIG Data, Robotics, IoT & Industry 4.0 – Complete Digitisation and Robotics, Artificial Intelligence are empowering businesses

E-commerce has seen highest surge in India during COVID times

Significant increase in new company registrations (during Mar -Sep 20) has been witnessed in the wake of Aatmnirbhar Bharat Abhiyan and other relief measures taken by Govt.

Various initiatives of GoI such as EODB, ease in compliances and registration have led to a spur in new corporate registrations. Even during the pandemic, a rising trend has been witnessed.



While the data surge has been recorded, it also raises the need for working out parameters related to Data Governance, Data Storage and Data Security.






## Way Forward:: Need for Robust and Reliable Statistical Systems



Multifold increase in data generation due to massive digitalisation

Mass data generation and capture by existing and upcoming e-governance projects of the Govt.

Digital and Startup ecosystem

Public-Private Partnerships, research and innovations

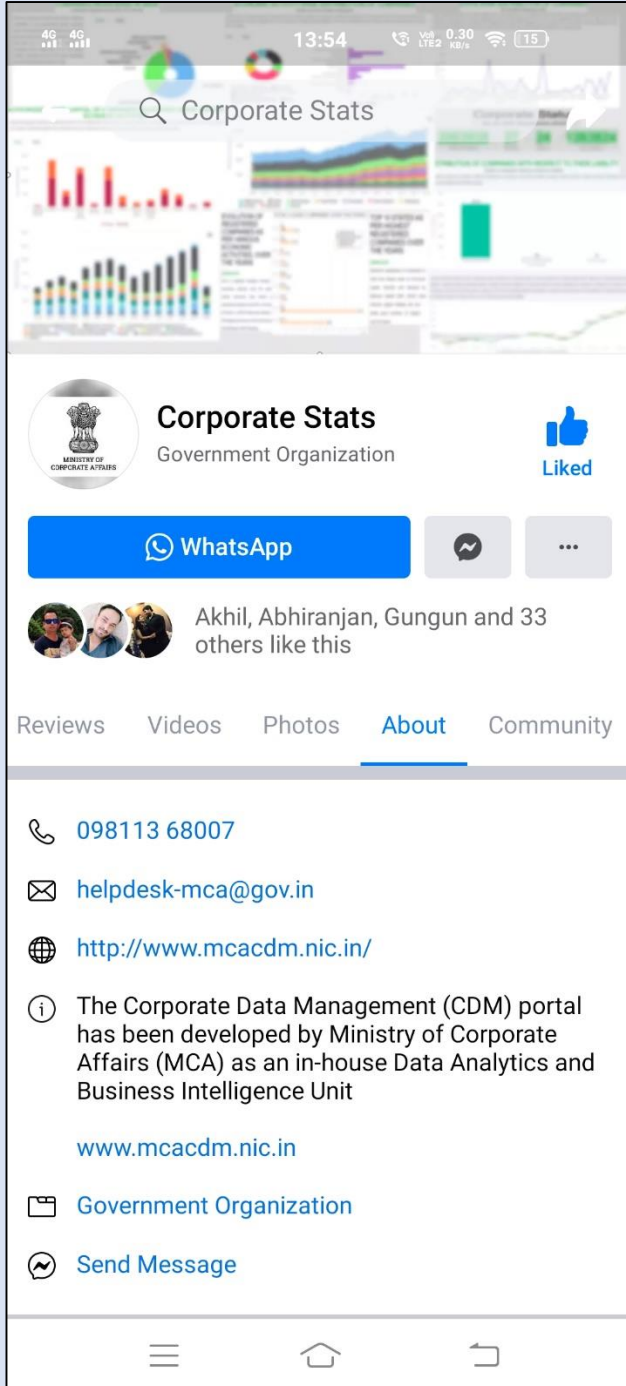


### Where to Focus!

- Data and use of AI can quickly tap the opportunity for economic and social revival
- There's a need to identify Important National Datasets to strengthen policy making exercise
- Building capabilities to increase data utilisation at important departments/agencies and creating synergies for data sharing across departments including Centre and State
- Enabling public access to data in a user friendly format (Machine Readable) to facilitate data analysis, research and innovation
- Working on data quality, new technologies, capacity and skill building and strategic implementation can help



**Facebook Page –**



Corporate Stats  
Government Organization

WhatsApp

Akhil, Abhiranjan, Gungun and 33 others like this

Reviews Videos Photos **About** Community

098113 68007

helpdesk-mca@gov.in

<http://www.mcacdm.nic.in/>

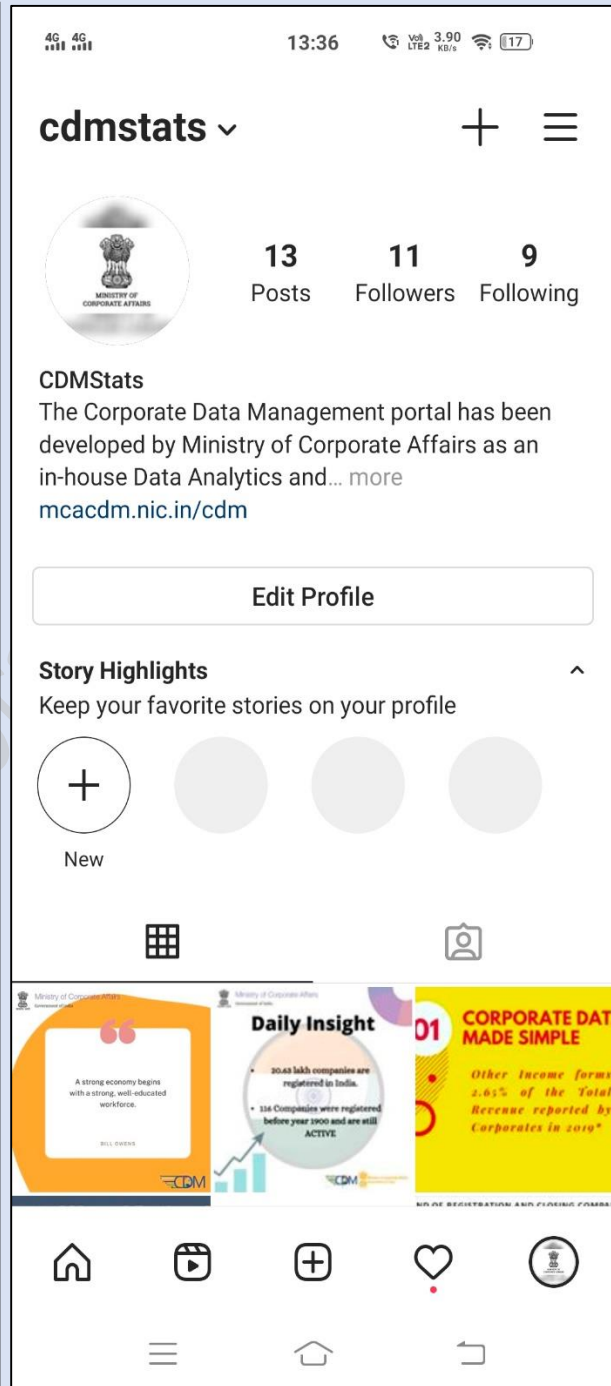
The Corporate Data Management (CDM) portal has been developed by Ministry of Corporate Affairs (MCA) as an in-house Data Analytics and Business Intelligence Unit

[www.mcacdm.nic.in](http://www.mcacdm.nic.in)

Government Organization

Send Message

**Instagram Page –**



cdmstats

13 Posts 11 Followers 9 Following

**CDMStats**  
The Corporate Data Management portal has been developed by Ministry of Corporate Affairs as an in-house Data Analytics and... more  
[mcacdm.nic.in/cdm](http://mcacdm.nic.in/cdm)

Edit Profile

**Story Highlights**  
Keep your favorite stories on your profile

New

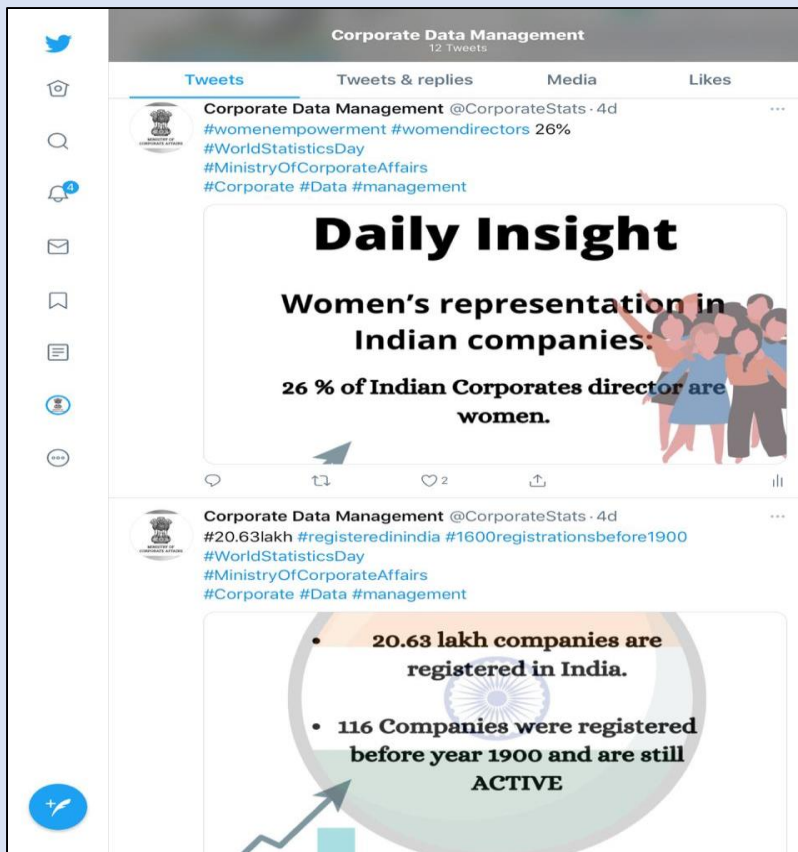
**Daily Insight**

- 20.43 lakh companies are registered in India.
- 116 Companies were registered before year 1900 and are still ACTIVE

**01 CORPORATE DATA MADE SIMPLE**

Other income forms 2.65% of the Total Revenue reported by Corporates in 2019\*

Twitter Page -



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## For Ministry of Statistics and Programme Implementation

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THIRD WORLD STATISTICS DAY – 2020

(19.10.2020 to 21.10.2020)

Government of Tamil Nadu, India

The Third World Statistics Day 2020 conducted by the Government of Tamil Nadu is indicative of the State's commitment at the highest levels towards achieving the Sustainable Development Goals and dealing with the extraordinary challenges of the times of the COVID-19 Pandemic, working in connectedness with the United Nations focus.

Under the leadership of the Head of Government of Tamilnadu, **Honourable Chief Minister Mr.E.Palaniswamy**, with the **Honourable Deputy Chief Minister Mr.O.Panneerselvam**, who heads the Department of Planning and Development, and the **Honourable Minister for Cooperation, Statistics & Ex-Servicemen Welfare, Mr.Sellur K. Raju**, the State conducted events of the Third World Statistics Day from 19<sup>th</sup> to 21<sup>st</sup> October 2020 with the theme "Connecting the world with data we can trust" and on a "Data strategy for action by everyone, everywhere". The events had participation of the **Chief Secretary to the Government of Tamil Nadu, Mr.K.Shanmugam, IAS**, Secretaries to the Government from Departments of Finance, Information Technology and Rural Development, Health, Revenue and Disaster Management, Industries, Agriculture, and Planning and Development, other senior government officials, including from the Government of India, Ministry of Statistics and Programme Implementation, domain experts, representatives of national and international institutions, research universities and organizations, District Collectors (the head of District administration) and Officials of the Department of Economics and Statistics who connected from across the State in the three day virtual programme.

The event of 20 Oct 2020, the World Statistics Day 2020 was live streamed for the first time in You Tube and till 23 Oct 2020 has received nearly 3000 views.

### **Day 1 : 19 Oct 2020**

On the first day of the virtual celebration of World Statistics Day – 2020 on 19/Oct/2020, Intra-department **quiz programme** on **Official Statistics** for the Staff of the Department of Economics and Statistics at the Regional and District level was organised in the forenoon session.

The afternoon session, commenced with the special address by the District Collectors of Thoothukudi, Thiruvannamalai, and Virudhunagar on the topic **“Use of Statistics for District Administration”**. The Collectors shared how they used different types of data for field work and programme implementation. Mr. Sandeep Nanduri I.A.S. District Collector, Thoothukudi, spoke about how data proved to be useful for planning during the COVID period where the vulnerable population – like old age persons, differently abled persons and those with diseases were mapped and awareness was created and necessary support provided. He also spoke about Data support in the planning for elections and also as the district is a disaster prone district, planning for early warning and disaster management.

The Mr. K.S.Kandasamy, IAS, District Collector of Tiruvannamalai pointed out how data on product prices and inputs, irrigation facilities available proved to be beneficial to people living in the remote Jawadhu hills and helped them to directly connect to the market. Data on coverage of schemes for Scheduled Castes and Scheduled Tribes, helped to formulate strategies to improve the coverage and improve their welfare. The importance of data reliability, the robust data framework required on a real time basis was highlighted to the department, so that the capacities of the staff are built suitably with the emerging technologies like geo-spatial mapping, data mining and other mobile or computer-based data collection methodologies.

The District Collector of Virudhunagar, Mr. R.Kannan spoke how under competitive federalism and Champions of Change, the officials were trained to look at data collection and presentation.

This was followed by a presentation on **“the use of Big Data in Official Statistics and Governance”** by Thiru. Brijendra Singh, Deputy Director General, NAD, Ministry of Statistics and Programme Implementation, Government of India. He spoke about the use of big data sets and different types of data such as mobile data, electrification, etc, to draw inferences and correlations on socio-economic indicators and data that is not directly available.

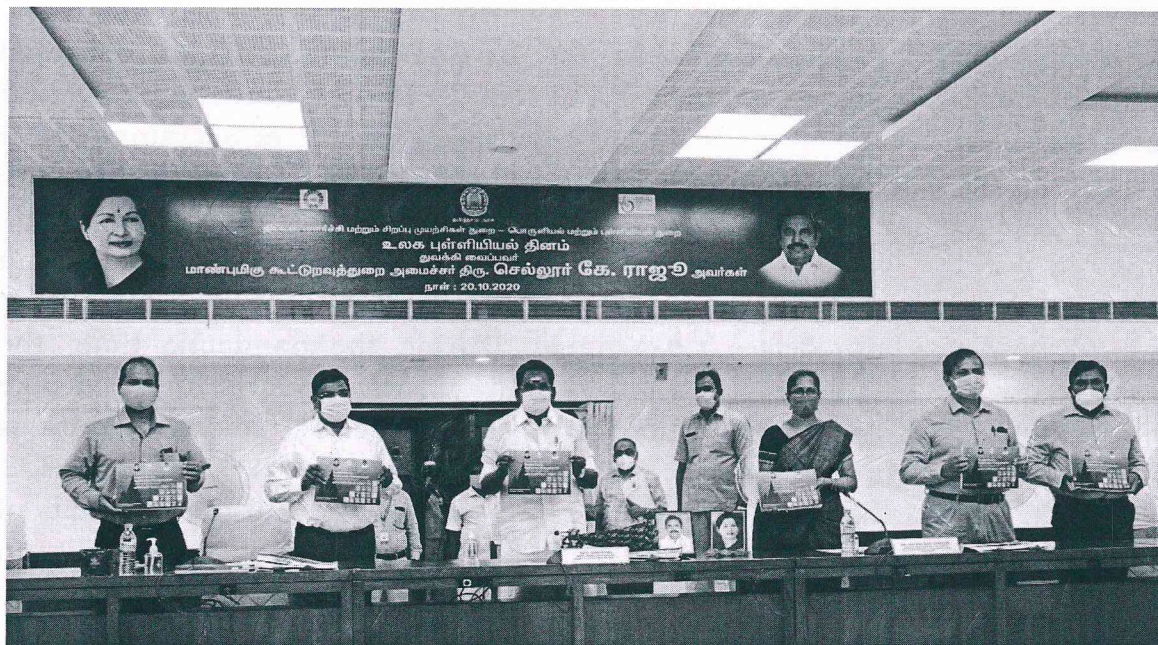
The technical session for the day ended with the presentation by Ms. Aparna Krishnan, Project Director, JPAL-South Asia on the topic **“Data quality Framework for data we trust”**. Ms. Aparna Krishnan spoke about data quality framework for data we trust and how JPAL - South Asia focused on using large scale survey data and other administrative data and a shift from paper based to computer based data and moving on to the open data initiative. She discussed about the availability of a lot of statistical

capabilities that were already existent and how the department has become now updated with the technologies and tools to look at data and present it.

Officials and staff of the Department from 125 locations across the State, participated virtually.

### **Day 2: 20<sup>th</sup> October, 2020**

The inaugural function of the World Statistics Day was held in the TamilNadu Secretariat at the Conference Hall, 10th Floor, Namakkal Kavingnar Maaligai, Secretariat, Chennai.



The **Hon'ble Minister for Co-operation, Statistics and Ex-servicemen Welfare, Mr. Sellur K. Raju** inaugurated the World Statistics Day on 20.10.2020 and delivered the inaugural address. He emphasised the importance of Sustainable Development Goals (SDGs). He pointed out that the SDGs were based on People, Planet, Prosperity, Peace, and Partnerships and covered 17 critical goals. The State has taken various steps to ensure the achievement of these goals so as to achieve the social, economic and environmental concerns of the State. The role of the Department of Economics and Statistics has been to continuously support the administrative functions of the various departments. The Hon'ble Minister in his inaugural address commended the department and highlighted the importance of Statistics in policy making and framing programmes which would pave way for achieving the SDG goals for Sustainable Development of the State.



***“Data collected by the Department is useful for the effective and successful planning and also for the implementation of the Sustainable Development Goals”- Mr. Sellur K. Raju, Hon’ble Minister for Co-operation, Statistics and Ex-servicemen Welfare, Government of Tamil Nadu, India***



The Chief Secretary to Government, **Mr. K. Shanmugam, I.A.S.**, delivered the **Special Address** wishing everyone on the World Statistics Day and acknowledged the role of the Statistics department. The Chief Secretary spoke about the importance of a robust statistical system and how data helped to look at the past and present and helped in the projections for the future. He encouraged the department to develop an innovative and reliable data collection system that after analysis would help in forming a framework that would be both impressive and reliable. During the pandemic time, the availability of data allowed the State to ramp up its infrastructure and take necessary action at the right time and right place. He said that data is important in the context of micro economics, macro economics - employment growth, the market trends and pointed out that the reliability of the information is what is useful for the administrators and their ability to have the assessment of various parameters. The Chief Secretary pointed out that the Department of Economics and Statistics has helped the State to interlink all Stakeholders and this celebration is due recognition for its services.

***“Data is useful in looking at various socio-economic parameters and how they were in the past, their present position and projection how with the specific interventions they are likely to move. Globally every system depends on agriculture and that is dependent on the right kind of data which is trustworthy, comes from a competent authority and is a public good” - Chief Secretary, Government of Tamil Nadu, India***

On this occasion, the following **four books prepared by the Department of Economics and Statistics were released by the Hon’ble Minister** reflecting the State’s commitment to publish Official Statistics and reliable data.



1. **SDG Tamil Nadu Indicator framework:** The book has presented the indicators that would be used at the State, district and block level to monitor the progress of the State in the Sustainable Development Goals.

2. **Tamil Nadu at a glance –** October 2020 is a compilation of the State's current Statistical profile.

3. **Key Development Indicators – Tamil Nadu –1950-2020** compiles the historical data sets of the key development indicators.

4. **Estimates of State Domestic Product Tamil Nadu – 2019-2020** presents the State's current economic situation with details of the shares of the different sectors.

The Hon'ble Minister gave away the Prizes to the winners of the quiz competition for the headquarters while for the other regions, winners were announced and prizes have been sent to them.



The **Key Note** address was given by the Senior Officials of the Government – **Mr. Hans Raj Verma, I.A.S.**, Additional Chief Secretary to Government, Rural Development & Panchayat Raj and Information Technology Department discussed the need for reliable data and the need to embrace techniques of Artificial Intelligence, block chain technologies that would be available for the State to utilise for inclusive growth. **Dr. Atulya Misra, I.A.S.**, Additional Chief Secretary to Government, Revenue & Disaster Management Department highlighted that the Department of Revenue collected its own set of data which has been utilised for the implementation of the various social security schemes and also utility of Statistics in building preventing measures under disaster management. **Mr. N. Muruganandam, I.A.S.**, Principal Secretary to Government, Industries Department quoting William Deming that apart from trust in God everything else would need to be backed by data, said that this function is being conducted by all those who are involved in the official data collection, analysis and presentation of data for utilisation by the

administration, highlighted that the department would be setting up data centres and hubs for real time data collection that would allow for the interaction and interface for data driven decision making for policy makers.

**Mr. Gagandeep Singh Bedi, I.A.S.**, Agricultural Production Commissioner & Principal Secretary to Government, Agriculture Department spoke about how the State had bagged 5 Krishi Karman awards based on the inputs received from the department of Economics and Statistics. He pointed out how the department was able to utilise the data generated for improving farmers welfare and income including crop productivity.

The programme had an audience of 60 members seated with 7 dignitaries and a virtual audience from 300 locations across the Country/State who had tuned in live through the virtual Youtube platform.

In the afternoon of 20.10.2020, the virtual sessions commenced with the inaugural address by **Hon'ble Vice Chairman, Mr. C. Ponnaiyan**, State Development Policy Council, who stressed on the **Importance of data and statistics in policy making and policy coherence**. The Hon'ble Vice Chairman insisted that the focus area of Data Collection should be towards Primary Data particularly for addressing Agriculture, Poverty Reduction, Reducing Malnutrition, improving better intervention in the Public Distribution System, Self-Help Groups and Women Empowerment. The Vice Chairman was present throughout the deliberations of the afternoon and spoke about household food security which can be achieved by moving from livelihood security to the nutritional security. He highlighted that these aspects are the top priorities of Government towards all sections of people. The Vice Chairman also highlighted about need of the demand driven data collection by the Department of Economics and Statistics.



***“ Demand Driven data collection is critical and government is the greatest beneficiary of official data and it is necessary that Data be***

*guided by the three essential principles of - service, professionalism and integration.” - Thiru. C. Ponnaiyan, Hon’ble Vice Chairman of the State Development Policy Council, Government of Tamil Nadu, India*

The technical session had senior most officers of Departments from finance, health and training who shared their views on how the data was being used for decision making and how data system process can be enhanced further in the State. The Additional Chief Secretary to Government, Finance Department, **Mr. S. Krishnan, I.A.S.**, spoke on **Evidence based Policy making for Good Governance** with a stress on sharing of data among the departments to facilitate decision making and it being available at the right time being critical. He highlighted that the public have very high expectations and that policy decisions are often complex with whole mechanisms of data that get disseminated at multiple levels, and that policy decisions based on big data fails to take into account those who are not even within the data range and therein arising a need to build a system which is more inclusive. He urged the department to come out with periodical analytical reports and take up evaluations of the programmes and schemes on a regular basis to improve the reach and performance. He also encouraged the department to look for institutional partnerships in their surveys and data collection.

The Principal Secretary, Health and Family Welfare, **Dr. J. Radhakrishnan, I.A.S.**, in his talk on the **Role of Statistics in Health Management** shared how statistics was critical for tracking the vital events and also highlighted the importance of the State Health Intelligence Unit which was helpful in analysing the COVID-19 situation in the State and also take necessary and suitable actions to revamp the State’s health system to deal with the exigencies that may arise during the pandemic.

**Dr. V. Irai Anbu, I.A.S.**, Additional Chief Secretary to Government/DDG, Anna Institute of Management, in his address stressed the importance of the **Training needs in Statistics in Modern Era** and need to train people who are working in that particular area so that they could use it effectively. He insisted on the need for capacity building in the department under recent additions in field of Statistics like Machine learning, Artificial Intelligence in data analysis, big data analysis, neural network and python programming.

**Dr. Pinaki Chakraborty**, Director, National Institute of Public Finance and Policy, New Delhi delivered his speech on **Sustainable Development Goals** (SDGs) and how it helps in connecting the world. He spoke about the non-linearity of data and how the incremental improvement is the challenge for

States like Tamil Nadu who have already achieved the national targets and are still aiming high.

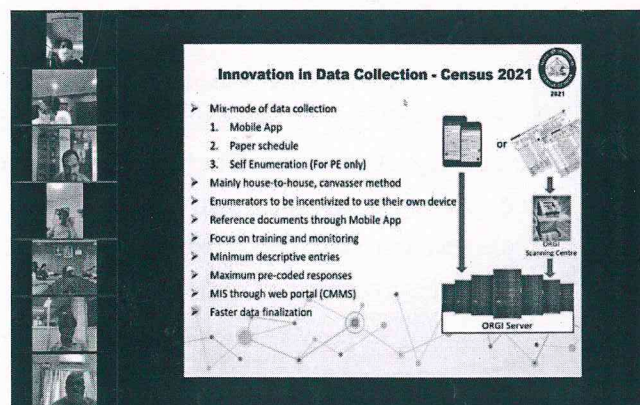
**Dr. Rajeswari Kasthuri**, Deputy Director General (FOD), NSO, Chennai elaborated on the **Need for Socio-Economic Surveys** and how understanding the various facets of socio-economic conditions like health, education, rural debt, housing conditions, tourism etc. in the country is possible only through periodic socio-economic surveys backed by secondary data sources. **Dr. Kripa Anantpur**, Associate Professor, Madras Institute of Development Studies (MIDS) spoke on the importance of **Panel Surveys for Policy decisions** and highlighted how the panel survey provide valuable, data to the Government, to help make informed policy decisions. She also pointed out how the next 2 waves of Survey of Covid -19, alongwith the recent survey they have conducted in collaboration with Department of Economics and Statistics, would help track changes over time for the same households for some of the same variables and provide information on new issues that are likely to emerge as a consequence of the pandemic. The data focus was also on online Education and Risk Perception.

The session had virtual presence of participants in 127 locations of the State virtually.

### **Day 3 : 21<sup>st</sup> October, 2020**

The forenoon of the third day of the virtual celebrations on 21-Oct-2020 focused on the innovations, challenges and also a look at the emerging data scenario with artificial intelligence, big data and data processing techniques with new technologies and tools.

**Dr. Rajnikanthan, I.A.S.,** Director of Census Operations of India, Tamil Nadu delivered the speech on the **Technological Innovation in Census methods** and how data collection, validation and quality check has become easier with technology and how these would be implemented in the Census of 2021 which would be bringing in the interactive data submission by the individuals themselves onto the census portal.



The **Challenges and issues in Agricultural Statistics** was discussed by **Dr. K.R. Ashok**, Director, Tamil Nadu Agriculture University (CARDS) highlighted how agricultural data is required to support policy level interventions and optimum use of resources from the farm level up to the State level. **Dr. R. Gopinath**, Principal Scientist, M.S. Swaminathan Research Foundation spoke about dissemination of data and the need of unit level data and how input surveys are required to capture climate change impact on agriculture including changes in the cropping pattern of variety wise area under major crops. **Mr. M.R. Jagannathan**, Joint Director, Agriculture Department discussed how the data related to the indicators of SDGs were relevant and need to understand the minimum data requirements along with the interlinkages and integration service framework between data of different departments. He also spoke about utility of satellite images in assessing crop coverage and yield estimation and predominant role played by the department of Economics and Statistics in using remote sensing data.

The second part of the session had three speakers who spoke about the use of Technology in Data and Statistics today and future, on the advances in data analytics and challenges to be addressed, State's capability and preparedness to collect, analyse and present data for decision making for the policy makers. **Dr. Santhosh K.Misra, I.A.S.**, CEO, TNeGA delivered his address on responsible **Artificial Intelligence for social empowerment using Data Analysis** and the challenge being in the development of an integration and exchange platform for looking at and presenting intelligent inferences from the huge data that is available with the government departments. He spoke about the State Family Database Survey that the State had initiated. **Ms. N. Shanthi**, DGM, ELCOT and Thiru. Senthilkumar, Dy. DGM, ELCOT spoke on the topics of **IT Tools in Data Processing** and how the State had scaled up its capabilities and technology to provide data analytics and projections as required by the policy makers. **Mr. Vijaya Kumar**, Joint Director, Centre for Development of Advanced Computing (CDAC) made his presentation on **Big Data and Statistics**.

This session was witnessed virtually by participants from 211 locations across the State.

The afternoon session of 21<sup>st</sup> October, 2020 focused on training and capacity building needs of the department and also a talk on making data work for the people, **Thiru. Vinit Dev Wankhede, I.P.S.**, Additional Director General of Police, State Crime Records Bureau (SCRB) made a presentation on **Crime Statistics** and how the crime tracking and networking has been

able to improve the State's safety and security based on the data collected through the CCTVs and also through its data networking of crime spots.

**Dr. Akila Radhakrishnan**, UNICEF, Social-Policy Specialist, Chennai spoke on the Theme for 3<sup>rd</sup> World Statistics Day, **“connecting the World with data we can trust” – Indian Perspective**. Her point on how data collected from the public should be made available to the people and also the need for building in a human face to it along with a focus on it being available at the disaggregated level with regular updation, put in a fresh perspective on the utility of data.

**Dr. D. Sampangi Raman**, Head, Indian Statistical Institute, Chennai highlighted the importance of **Industrial Statistics**.

The last session on the **Capacity Building on Statistics** was by **Dr. B. Viswanathan**, Director, Tamil Nadu State Statistical Training Institute (TNSSTI), Department of Economics and Statistics.

This session was viewed virtually in 227 locations by the Stakeholders and department officials.

The three-day 3<sup>rd</sup> World Statistics Day – 2020 programme in Tamilnadu, India, on “Connecting the world with Data we can trust” has also showed how the Department of Economics and Statistics is gearing itself to the changing concepts of digital India. The programme was held with social distancing considering the COVID situation and the sessions were held in the virtual mode with participants from 135 locations across the nation.

The programme from the inception has received strong political commitment and involvement of the Chief Secretary to the Government of Tamilnadu. The programme was organised under the leadership of the administrative heads of the Departments, Additional Chief Secretary to Government, Planning and Development Department **Ms. Jayashree Raghunandan, I.A.S.**, and the Commissioner, Department of Economics and Statistics **Dr. Atul Anand, I.A.S.**, who worked closely with a core team of officers of the Economics and Statistics Department throughout the planning, designing and conduct of the Third World Statistics Day 2020, showing the important position accorded to the development of the statistical framework of the State. All the sessions had good virtual attendance of an average of 125 locations across the State, indicating that the commitment of the department does not stop at the headquarters level who are more tuned to the State's visioning, but is supported ably by the district and sub-district teams. The presence of the senior officers and administrators in the different sessions highlighting the State's capabilities on the current technological advances like Big data and AI shows that the State is clearly working on its

potential that is poised to take the State along the path of a high growth trajectory with evidence based decision making rooted in a strong framework of integrated data collection systems that would leave no one behind. The 3<sup>rd</sup> World Statistics Day 2020 primarily helped to understand the inter-departmental strengths and availability of technological know-how for cross learning and building on the State's strengths with interactions at the national and global levels, while at the same time also using these for people on the last mile of connect. It would also ensure that there would be equity and inclusiveness in the policies of the State where all the citizens of the State would enjoy a high standard of living and a peaceful life. It would be transformative and also used for monitoring the SDGs in the decade of action and able to deal with the challenges of time.

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WORLD STATISTICS DAY 2020



3<sup>rd</sup> World Statistics Day: 20<sup>th</sup> October, 2020

Theme: Connecting the World with Data We can Trust

# WORLD Statistics Day Celebration Report 2020

Directorate of Economics and Statistics  
General Administration Department (Planning)  
Government of Gujarat

## 1. General Introduction

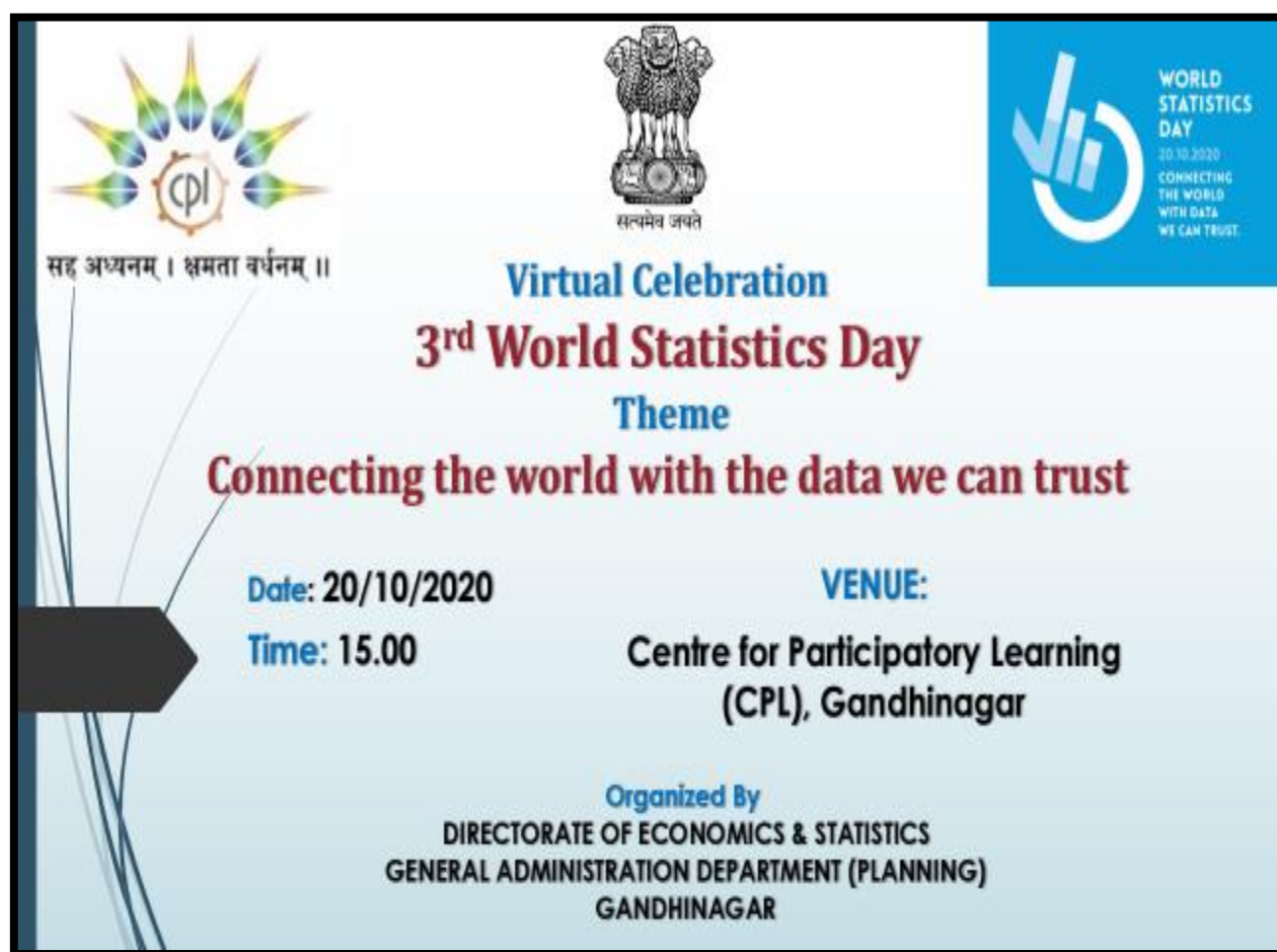
World Statistics Day is an international day to celebrate statistics. Created by the United Nations Statistical Commission. The first World Statistics Day was celebrated on 20 October 2010 with the theme “Service, professionalism, integrity: celebrating the many contributions and achievements of official statistics” and the second World Statistics Day celebrated on 20 October 2015 with the theme "Better data, better lives". The day is celebrated every five years. As of 2010, 103 countries celebrate a national Statistics Day, including 51 African countries that jointly celebrate African Statistics Day annually on 18 November. India celebrates its statistics day on 29 June, the birthday of the statistician Prasanta Chandra Mahalanobis. The Royal Statistical Society in the UK also launched its getstats statistical literacy campaign on the same day (on 20.10.2010). This year third World Statistics Day was celebrated on 20 October 2020 with the theme ***“Connecting the world with the data we can trust”***.

On account of the prevailing situation due to the covid-19 pandemic, it has been decided to organise the main event of the world statistics day, 2020 through web base online virtual conferencing. The event has been attended (Virtually) by statistical cadre officer from Directorate of Economics and Statistics, Directorate of Evaluation, Gujarat Social Infrastructure Development Society, Line Department, District offices and Deputy secretary, under secretary-official from General Administration Department (Planning), Government of Gujarat.

Director, Directorate of Economics and Statistics, Gandhinagar felicitated to those officers who taken efforts to make this event successful. Detail programme and List of participants are stated in annexure -1 and annexure – 2 respectively.

## 2. Inauguration Session

The Directorate of Economics & Statistics Gujarat State has celebrated the 20th October, 2020 as 3rd World Statistics Day through web base online virtual conferencing with the theme “Connecting the world with the data we can trust”. As proposed by United Nations Statistical Commission and suggested by MoSPI, GOI celebrated at Centre for Participatory Learning (CPL), Gandhinagar having the presence of more than 150 participants (virtually).

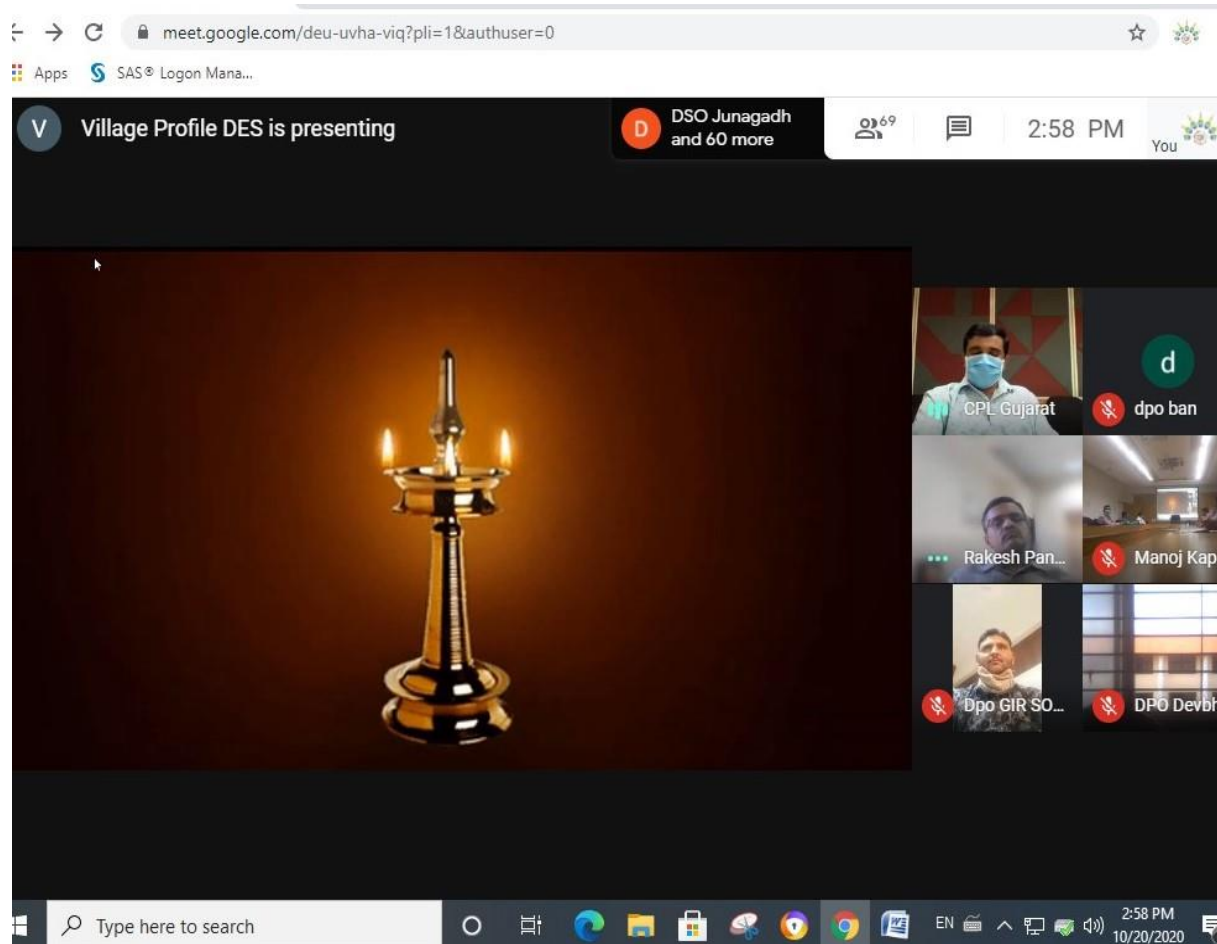


The poster features the following elements:

- Top Left:** Logo of the Centre for Participatory Learning (CPL) with the motto "सह अध्यनम् । क्षमता वर्धनम् ॥" (Sah Adhyanam. Kshamata Vardhanam. ||).
- Top Center:** State Emblem of India with the motto "सत्यमेव जयते" (Satyameva Jayate).
- Top Right:** World Statistics Day logo with the text "WORLD STATISTICS DAY 20.10.2020 CONNECTING THE WORLD WITH DATA WE CAN TRUST."
- Center:** "Virtual Celebration 3rd World Statistics Day" in blue and red, followed by the theme "Connecting the world with the data we can trust" in red.
- Bottom Left:** A black arrow pointing right, with "Date: 20/10/2020" and "Time: 15.00" in blue text next to it.
- Bottom Center:** "VENUE: Centre for Participatory Learning (CPL), Gandhinagar" in black text.
- Bottom Right:** "Organized By DIRECTORATE OF ECONOMICS & STATISTICS GENERAL ADMINISTRATION DEPARTMENT (PLANNING) GANDHINAGAR" in blue and black text.

The celebration was started with virtual lightening of lamp and recitation of distich by Shri D.A. Chauhan, Joint Director, DES.

तमसो मा ज्योतिर्गमय!



शुभं करोति कल्याणं आरोग्यं धनसंपदा ।  
शत्रुबुद्धि-विनाशाय दीपज्योती नमोऽस्तुते ॥

On the occasion of the 3<sup>rd</sup> World Statistics Day celebration on 20<sup>th</sup> October, 2020, Shri R.R. Pandya, Director, Directorate of Evaluation welcome Hon. Secretary (Planning) Shri Rakesh Sankar, IAS for being with to grace the occasion, Shri Ketan Suthar, Smt. Maya M. Dabhi, Shri B.J.Thakkar, other officers from GAD (Planning) and Director DES Shri S.S.Suthar for organizing such a special event. Shri R.R. Pandya proud privilege and pleasure to welcome all Officers of Statistical Cadre from all the districts, line departments, DES, GSIDS and Evaluation department

and delighted to have all with us even in a prevailing condition that we are facing due to Covid-19 Pandemic.

He said World Statistics Day is observed on October 20, once every 5 years. The first World Statistics Day was celebrated on 20 October 2010, as decided in resolution 64/267, and was deemed an overwhelming success, with activities organized in more than 130 Member States and by at least 40 international and regional organizations and entities. In October 2015 the second World Statistics Day was celebrated under the Theme: Better Data, Better Lives.

This year World Statistics Day coincides both, with the celebrations of the 75th Anniversary of the United Nations. The United Nations marks its seventy-fifth anniversary and the world deploys data to face a common challenge.

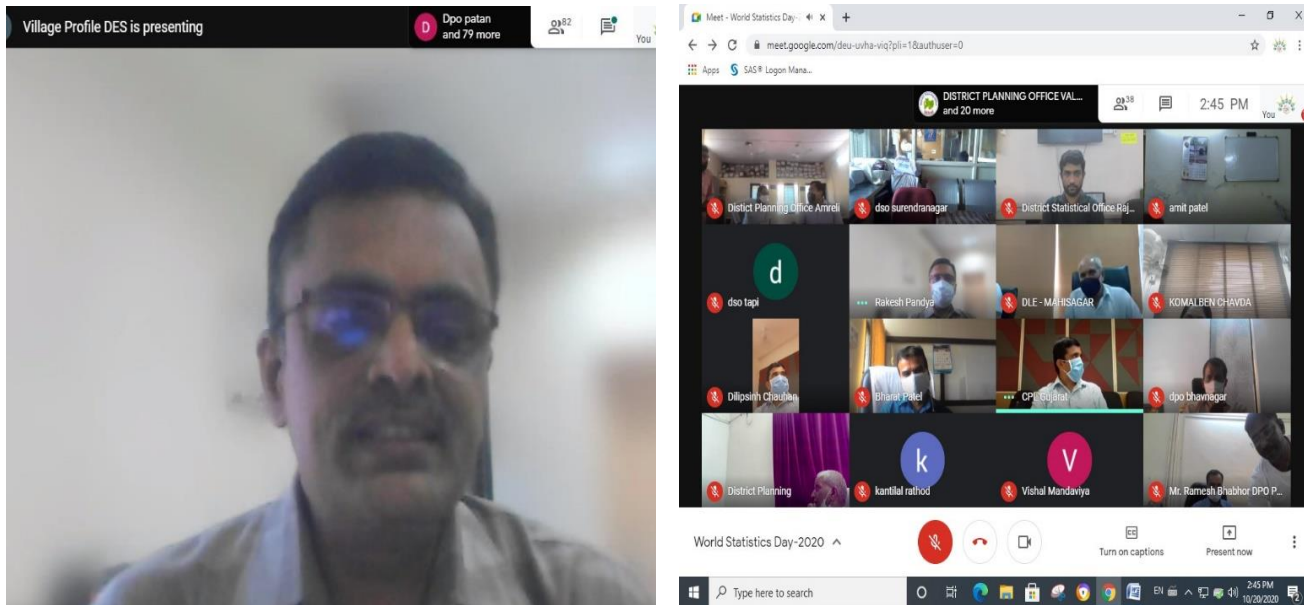
The third World Statistics Day is being celebrated around the globe on 20 October 2020 with the theme “Connecting the world with data we can trust”. Current, reliable, timely and trusted data are necessary to understand the changing world in which we live. The Fundamental Principles of Official Statistics contribute to and build trust in the data and statistics produced by the statistical systems and used for evidence-based decision making.

This theme reflects on the importance of trust, authoritative data, innovation and the public good in national statistical systems. The information obtained from statistics is used for development and planning, central and local financial allocation, providing education facilities, health care planning, etc. Statistics also help to monitor and evaluate ongoing economic reforms. Any regional progress cannot take place without empowering the statistical system.

The celebration of World Statistics Day 2020 is a global collaborative endeavor, organized under the guidance of the United Nations Statistical Commission and being celebrated globally with local events organized by national statistical offices, regional and international statistical organizations, including the UN system organizations, and universities with an objective of creating public awareness among people, especially the younger generation about the role of statistics in administration, planning and policy formulation and importance of Statistical system of the country. It also aims to motivate data producers and researchers.

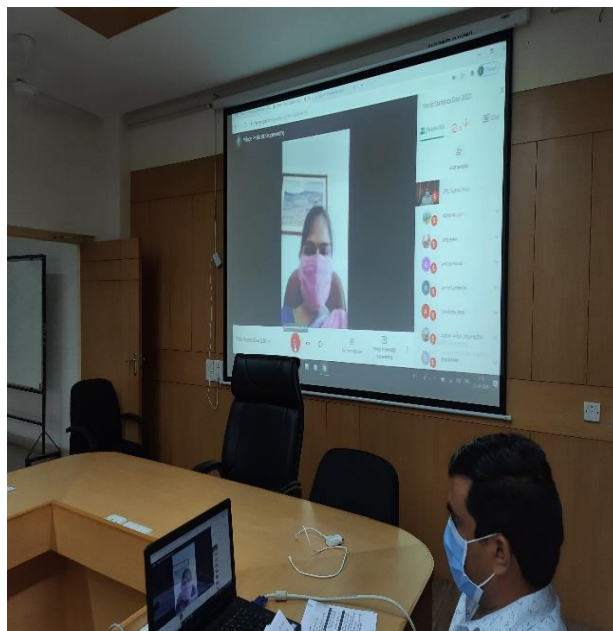
On this occasion, he extend our greetings and felicitation to all those associated with the celebrations and to the statistical fraternity who are involved in the production and use of Statistics. On this day he spotlight the role of statistics in advancing sustainable development for all. He wished the Statistics Day every success.

Lastly, Shri Pandya was thanked everyone for participating in this celebration and Shri D.A. Chauhan welcomed honorable Deputy Secretary (Planning), Smt. Maya M. Dabhi to grace the occasion.



### Addressing by Hon. Deputy Secretary (Planning) Smt. Maya M. Dabhi

The conference was chaired by Smt. Maya M. Dabhi, Deputy Secretary (Planning). She deliberated in detailed and built vision among the participants towards future role of statistics and challenges ahead.



### 3. Technical Session

#### (I) Connecting the World with the data we can trust – Administrative Data

Shri R.R. Pandya, Director, Directorate of Evaluation, Gandhinagar gave a presentation on the “Connecting the World with the data we can trust – Administrative Data”.

**Administrative Data/Statistics**

- Administrative sources are sources containing information which is not primarily collected for statistical purposes but collected primarily for administrative purposes (not research).
- Administrative statistics are derived as a by-products of (usually) large scale administrative systems.
- Government Departments and other organizations collect information about their staff, expenditure, receipts, activities, output etc. through registration, transaction and record keeping.
- The records are collected with a specific decision-making purpose in mind, and so the identity of the unit corresponding to a given record is crucial.

**Administrative Data for Statistical Purposes**


Administrative data is mainly collected for following three purposes:

- Monitoring of government programmes and other forms of government intervention
- Enabling regulatory activities and audit actions
- Targeting outcomes of government interventions.

*In India, a very large volume of data is generated by administrative ministries and state governments for each of these purposes.*

**Store Cards**

In return for a few benefits, users give the stores a lot of data:



- Name, address, sex, age
- Family circumstances (e.g. baby products, toys, pet food)
- Indicators of work status and income (time of shopping and type of goods)
- Car ownership (petrol purchases)

**Why use administrative sources for official statistics**

- Cost efficiency – more statistics with less costs
- Reduce response burden
- Avoid overlap in data collection
- Normally good coverage, quality and updating of basic information

**Improving performance**

- Improving communications with users
- Building trust in products and focusing on data quality
- Making better use of existing data
- Using new technology to reduce costs and improve efficiency
- Improving coordination and management
- Making statistical systems more transparent, responsive and accountable

**Summary and conclusions**

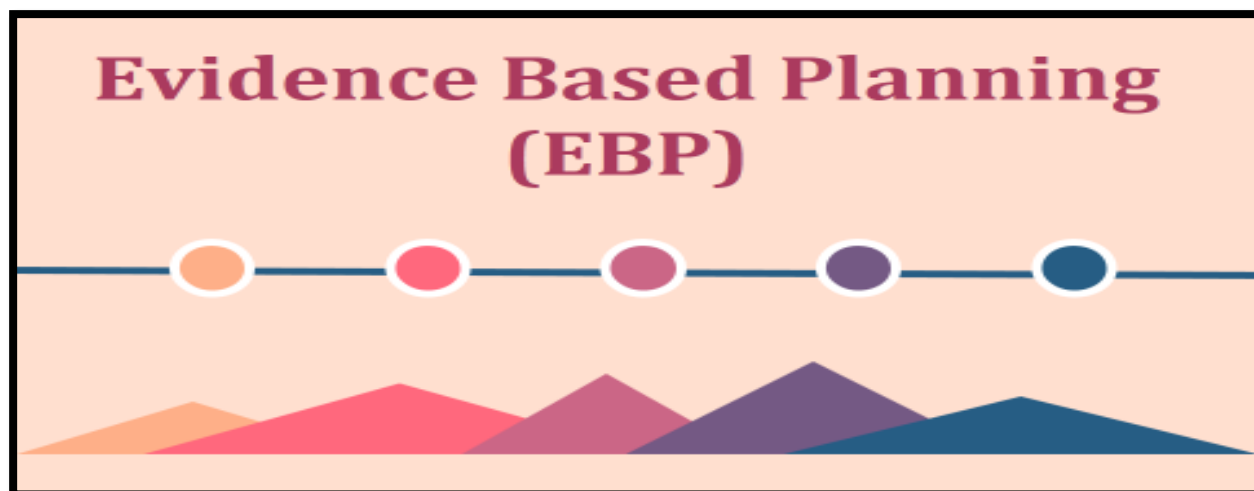
- With the development of administrative sources in electronic form they should be used as much as possible for the production of official statistics
- This development requires
  - Proper legal frameworks
  - Good understanding of benefits and possibilities by politicians and the public
  - Good understanding of the differences between administrative data and statistical data, concerning quality and usage
  - Good cooperation between administrative and statistical authorities

Even though different types of data collection exist, the best estimates are based on a combination of different sources providing the strengths and reducing the weakness of each individual source.

Shri R.R. Pandya elaborated on "Connecting the World with the data we can trust" and focused on Administrative Data. Shri S.S. Suthar, Director, Directorate of Economics and Statistics thanked Shri R.R. Pandya. Shri D.A. Chauhan invited Shri M.B. Pandya for next presentation on "Connecting the World with the data we can trust – Evidence Based Planning".

## (II) Presentation on Connecting the World with the data we can trust – Evidence Based Planning

Shri M.B. Pandya, Joint Director, Directorate of Economics and Statistics gave a detailed presentation on "Connecting the World with the data we can trust – Evidence Based Planning".



### Why EBP ?

- Just Update Last Year's Plan
- Cut & Paste Approach
- Opinion based Approach
- Ideology based Approach

In most areas of social policy like education, poverty reduction, and crime prevention the programs often are implemented with little regard to evidence, costing billions of Rupees yet failing to address critical social problems.

### What is EBP ?

Evidence-based planning is harnessing the knowledge gained from data and information and using it to optimize our planning process and improve results.

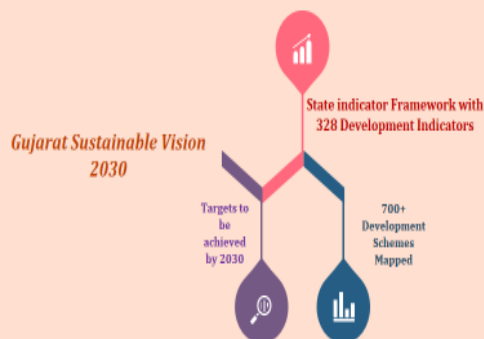
- 01 Collection of data
- 02 Authentic Information (Based on research)
- 03 Knowledge (Transmission of Data/ Information for planning)



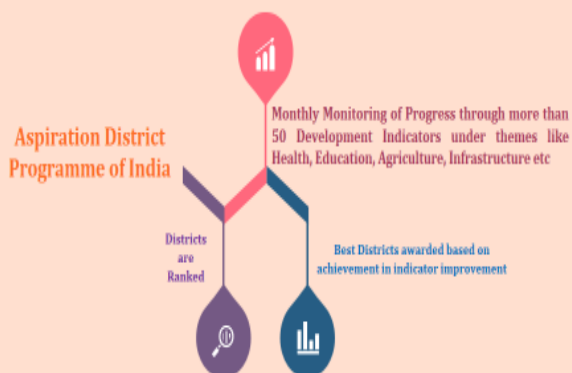
## Enabling factors for EBP

- 01 High-quality information bases
- 02 Professionals with skills in data analysis
- 03 Political support for using evidence-based analysis

## Best examples EBP



## Best examples EBP



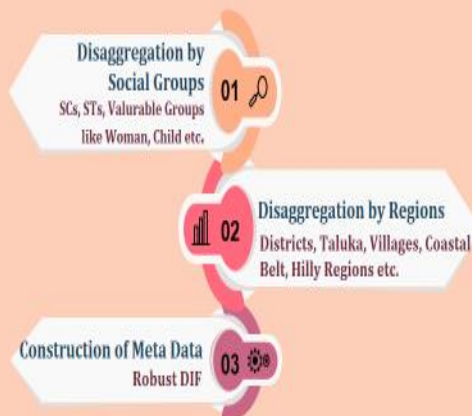
## EBP Framework

- 01 Vision & Strategy
- 02 Sector Plans
- 03 Departmental plans
- 04 Budgetary allocations
- 05 Development outcomes

## How to go about EBP?



## The Way Ahead EBP : Master Data Plan



## 4. Valedictory

Shri S.S. Suthar, Director, Directorate of Economics and Statistics, Gandhinagar. He briefed about the key milestones achieved by Directorate of Economics & Statistics in the recent times.

## 5. Vote of Thanks

Shri H.K. Shukl, Joint Director, Directorate of Economics and Statistics, Gandhinagar expressed his gratitude for active participation made by officials to make an event a grant success.



## 6. The glimpse of this event





**Annexure – 1**  
**PROGRAMME**  
 World Statistics Day 20<sup>th</sup> October, 2020  
 (Virtual Celebration)


































































































**Theme: CONNECTING THE WORLD WITH THE DATA WE CAN TRUST**

**TIME: 15:00 TO 16:50**

































































































20th October 2020		
<b>15:00-15:10 Hrs.</b>	Welcome address	Shri R.R. Pandya, Director, Evaluation, Gandhinagar
<b>15:10-15:30 Hrs.</b>	Key Note Address by Hon. Secretary (Planning)	Shri Rakesh Shankar, IAS
<b>Technical Session</b>		
<b>15:30-16:00 Hrs.</b>	Connecting the World with the data we can trust – Administrative Data	Shri R.R. Pandya, Director, Evaluation, Gandhinagar
<b>16:00-16:30 Hrs.</b>	Connecting the World with the data we can trust – Evidence Based Planning	Shri M.B. Pandya, Joint Director, DES, Gandhinagar
<b>16:30-16:40 Hrs.</b>	Feedback	All Participants
<b>16:40-16:50 Hrs.</b>	Valedictory	Shri S.S.Suthar, Director, DES, Gandhinagar





































































































Participants: All the class 1, 2 Officers from Statistical Cadre

## Annexure - 2 List of Officials Present in the Webinar

People	Info	People	Info
 Snehal Parmar (You)		 CPL Gujarat	 ..
 CPL Gujarat	 ..	 Dpo patan	 ..
 dso girsomnath	 ..	 So y1	 ..
 Chetan Birai	 ..	 Shital Mandaviya	 ..
 Dumaniya Dharmendr...	 ..	 sachin Chaudhary	 ..
 DPO SRN	 ..	 shailesh suthar	 ..
 amit patel	 ..	 spmrm guj	 ..
 dso tapi	 ..	 DSO Jamnagar	 ..
 Vadodara DSO	 ..	 GAD Planning	 ..
 dso surendranagar	 ..	 Vaghela Jitendra	 ..
 Bharat Patel	 ..	 nanji mali	 ..
 District Planning	 ..	 Ashokbhai Patel	 ..
-		 drkiran gajera	 ..
 Vadodara DSO	 ..	 DSO Jamnagar	 ..
 dso surendranagar	 ..	 GAD Planning	 ..
 Bharat Patel	 ..	 Vaghela Jitendra	 ..
 District Planning	 ..	 nanji mali	 ..
 MPLADS GAD,GANDH...	 ..	 Ashokbhai Patel	 ..
 DLE - MAHISAGAR	 ..	 Dipak Chauhan	 ..
 District Statistical O...	 ..	 richa maher	 ..
 CPL Gujarat	 ..	 vaishali sangada	 ..
 CPL Gujarat	 ..	 Dpo GIR SOMNATH	 ..
 Manoj Kapadia	 ..	 song of your choice	 ..
 bhavin lalapara	 ..	 drkiran gajera	 ..
 dpo bhavnagar	 ..	 kiran patel	 ..

WORLD STATISTICS DAY 2020

People	Info	People	Info
 shukl milan		 Dso Godhra	
 jigar darji		 Mangubhai Patel	
 Sm Gohel		 Village Profile DES	
 sachin Chaudhary		 DSO Valsad	
 Shreedhar Vasani		 Vaghela Jitendra	
 Bharat Patel		 Yogesh Patel	
 Abhishek Jain		 vaishali sangada	
 U.T. Chaudhari		 JAINISH anaghan	
 Dso Godhra		 Rakesh Pandya	
 Mangubhai Patel		 drkiran gajera	
 Village Profile DES		 Dpo GIR SOMNATH	
 DSO Valsad		 Dpo patan	
 Vaghela Jitendra		 drkiran gajera	
 DPO SRN		 DPO SRN	
 amit patel		 dso tapi	
 dso tapi		 dso surendranagar	
 dso surendranagar		 District Planning	
 Bharat Patel		 DLE - MAHISAGAR	
 District Planning		 District Statistical O...	
 DLE - MAHISAGAR		 CPL Gujarat	
 District Statistical O...		 CPL Gujarat	
 CPL Gujarat		 dpo bhavnagar	
 CPL Gujarat		 Nrup Shah	
 Manoj Kapadia		 Distict Planning Offic...	

People	Info	People	Info
 DSo Chhotaudepur		 Madhavi Tank	
 Village Profile DES		 Tapankumar Patel	
 JAY Patel		 Anil devmurari	
 Shital Mandaviya		 Ashokbhai Patel	
 Shailesh Leuva		 So y1	
 Nitin Rana		 dpo ban	
 Jashavantbhai Chavda		 District Statistical offi...	
 DSO Dahod		 DPO Devbhoomi Dwa...	
 umesh Halvadiya		 Nikhil Chauhan	
 Vadodara DSO		 District Planning Offi...	
 shailesh suthar		 dipika vasava	
 Raviraj Jhala		 Maya	
 Jivaram Bhai J D Boga		 Rohit Dhimmar	
 DS MLP		 amit patel	
 DPO Devbhoomi Dwa...		 dso tapi	
 GAD Planning		 Vadodara DSO	
 Ashwin અશ્વિન Jatiya ...		 dso surendranagar	
 Vadodara DSO		 Bharat Patel	
 Smita Patel		 District Planning	
 Dipak Chauhan		 MPLADS GAD,GANDH...	
 Vijay Chaudhari		 DLE - MAHISAGAR	
 DSO AHD		 District Statistical O...	
 shukl milan		 CPL Gujarat	
 jigar darji		 CPL Gujarat	
 Sm Gohel		 Manoj Kapadia	



सह अध्ययनम् क्षमता वर्धनञ्च ।

**Centre for Participatory Learning**

**Directorate of Economics and Statistics**

**GAD (Planning), Government of Gujarat**

**Gandhinagar**