India: Ministry of Statistics & Programme Implementation (MoSPI)

National Statistical Office: HR Reforms
National Statistical System is highly decentralised, horizontally amongst Union Ministries and vertically between Union and States.
Coordination Activities of NSO

- Training Workshops for Central and State Governments
  - NAS, IIP, CPI, etc.
- Training programmes of NSSTA
- Conference of Central and State Statistical Organisations (COCSSO)
- Statistics Day celebration – 29th June
- Awards in Official Statistics
- Interaction with international agencies
Central level Statistical Personnel

• Two Organised statistical cadres in Central Govt.
  ▪ Indian Statistical Service (ISS)
  ▪ Subordinate Statistical Service (SSS)
  ▪ MoSPI manages these cadres

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<th>Cadre Strength</th>
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<tbody>
<tr>
<td>Indian Statistical Service (ISS)</td>
<td>814</td>
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<tr>
<td>Subordinate Statistical Service (SSS)</td>
<td>3977</td>
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Current Scenario

1. Multiplicity of data silos - Reduce
2. Multiple registries - Integration
3. Maintaining data in digital and portable format - Interoperability
4. Human Capital Management in national statistical system – Strengthen

**Ever-growing demand for reliable and credible data**
- At one place for real time monitoring
- Impact of socio-economic programmes and interventions
- Facilitate mid course corrections
- Data demands for SDG indicators
New Initiatives

• Sustainable Development Goals – National Indicator Framework
• New Surveys to bridge data gaps
• New and emerging data sources – telecom, taxation
• National Integrated Information Platform – a technology initiative

Need for

• Augmentation of workforce (in-house/outsourced)
• Skilling, Re-skilling existing and new workforce
• Assessment and Certification
• ICT interventions
• Widening and Deepening skilling ecosystem for data and statistics
Reform Approach

• **Reform for relevance**

• **Innovation**
  - Business/Government Process Reengineering
  - Technology
  - Open Data Architecture
  - Reliability
  - Data Quality Assurance
  - Deepen *Partnerships with key institutions*
  - Accountability, ownership
  - Promote usage, encourage private players to collaborate (open APIs/Web Services)
  - **Capacity building** on contemporary instruments and tools

• **Managing outsourced activities**

• **Transition**
  - From Provider of information
  - To Provider of statistical services/products

• **Statistics/Data as a Service**
Vision - 2024

Strengthen India’s national statistical system to provide Real-Time inputs for policy and
Stronger dissemination practices for public

1. Strengthening Institutional Framework
2. Strengthening Technological and Physical Infrastructure
3. Effective Human Capital Management
4. Integrated Statistics Approach
1. Strengthening National Statistical System
   • Policy framework for Official Statistics
   • National Statistical Commission to be strengthened
   • Enhancing statistical and analytical capabilities

2. Intensive use of technology
   • Faster data collection
   • Faster processing and release of results
   • Improved data quality

3. Improved measurement of economy
   • Augmentation of Sample Surveys and Administrative Data Sources
   • Closer integration with state statistical systems
Real-Time Monitoring of Economy

Economic Agents
- Households
- Agriculture
- Industry
- Services

Drivers in MoSPI
- Institutional Framework
- Technology and Infrastructure
- Human Capital Management

Dynamic Policy Initiatives

Integrated Statistics for Real Time Monitoring of Economy

Policy Makers

Public

Research

Economic Growth

Census data

Survey data

Administrative data

New / Alternate Sources
HR Interventions in the Indian context

1. SDGs provide a vibrant platform for innovation
2. Improving training capacity
   - Online courses – both contemporary and advanced
   - Assessment and Certification
   - Modular approach to courses (cohort-based)
   - Seminars on contemporary topics, methodologies (BDA, AI, ML etc)
   - Mapping of statistical products and processes with competencies
   - Deployment based on acquired and certified skills
3. Innovation and Incubation cells – promote R&D in official statistics
4. Enhance market for trained statistical personnel
   - Introducing statistical skilling courses for open market
   - Engaging with private survey agencies
   - For use by central and state governments as well as institutions
5. Creation of an agile institution to cater to emergent statistical demands
1. **Improved statistical processes and products that are**
   - Relevant
   - Accurate
   - Reliable
   - Timely / Punctual
   - Accessible
   - Coherent
   - Comparable – spatially, temporally and internationally

2. **Better data integration with minimal redundancies**
3. **Multi-disciplinary statistical products**
4. **Partnerships and intense collaboration among stakeholders of statistical products**
5. **Improved user-producer discussion and dissemination fora**
Thank You