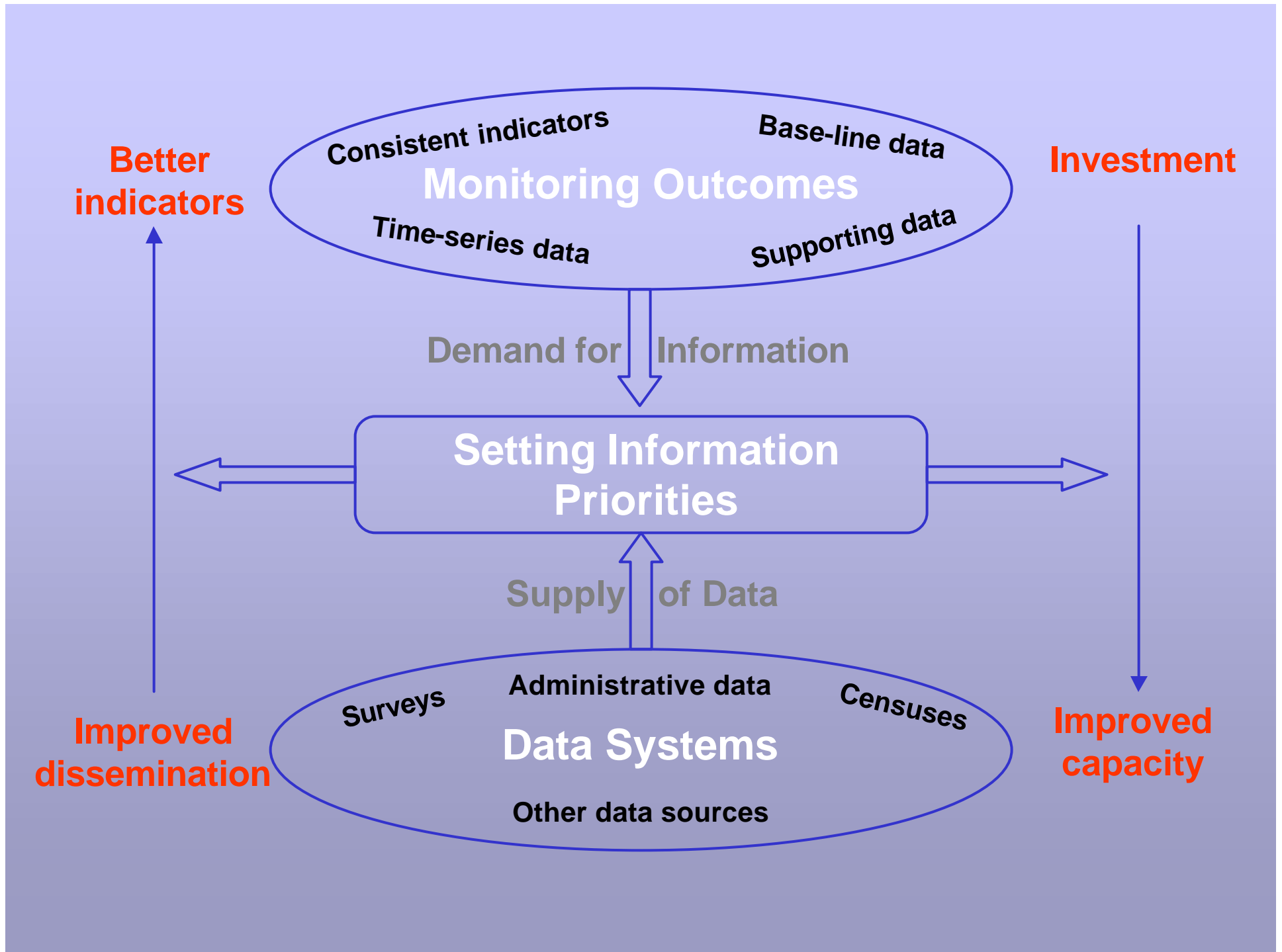


Building effective statistical systems

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Statistical Systems

- Concerned with the generation and use of data
- **Statistical agencies operate statistical processes to generate indicators**
- Most national statistics are public goods, financed from government budgets
- Need for mechanisms to balance supply and demand and to provide feedback



Economic and social agents

Households and individuals
Enterprises
Service providers
Community and other groups

Data Collection Methods

Surveys and censuses
Qualitative surveys
Management information systems

Statistical Organizations

Statistical agency
Central Bank
Ministry of Finance
Other ministries etc
Local govt
Other agencies

Statistical Products

Economic statistics
Social statistics
Demographic statistics
Environmental statistics
Governance statistics
Other data

Data Users

Legislators
Government planners, analysts etc
Lobbyists etc
Researchers
Media
General public
Markets
Donors, etc

Indicators of Effective Statistical Systems 1

- **At system/agency level**
 - Adequate resources
 - Mechanisms to balance supply and demand
 - Independence from political interference
 - Responsive to users' needs
 - Awareness of need for quality
 - Emphasis on dissemination of results and methods

Indicators of Effective Statistical Systems 2

- **At indicator level**
 - Methodologically sound
 - Accurate and reliable
 - Meets users needs in relation to:
 - Timeliness
 - Periodicity
 - Coverage, etc

Building Statistical Capacity

- Emphasis on country ownership and importance of locally-owned strategies
- Good statistics require effective statistical agencies
- Need for medium to long-term perspective
- Focus on supply and demand
- Promote accountability and transparency

Supporting the Development of National Statistical Systems

External Assistance

Short/medium-term

Finance for surveys
Technical assistance
Frameworks and standards

Medium/long-term

Capacity building
Strategic planning
Technology transfer
Skills training

Outputs

Indicators

Data Processes

Collection/compilation
Processing/classification
Storage/retrieval Dissemination

Statistical Agencies

Running costs Equipment
Skills/experience
Management/organization

Statistical Systems

Resources Integrity Professional
standards Accountability Legislation
Coordination



Some Tools and Resources

- PRSP Sourcebook chapter on “Assessing Statistical Capacity”
- IMF’s General Data Dissemination System (GDDS)
- Data Quality Assessment Framework (DQAF) – in preparation
- Indicators of statistical capacity building – being prepared by PARIS21
- WBI Poverty Analysis Initiative
- Trust Fund for Statistical Capacity Building