


School level EMIS: An experience of flash reporting system in Nepal

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Nepal Area: 147,181 Sq. Km. Population: 28.8 Million – Mosaic of 102 social groups; 92 languages



- Number of Total Primary Schools: 32684
- Total number of primary school students: 4.95 million
- Number of primary teachers: 167216
- GNP per capita: 400 USD (GMR 2001)
- Adult literacy: 58 %+ (71% male, 45% female (GMR 2001)

Policies and plans supporting EFA

- Interim constitution of Nepal 2006
- Education act and regulation
- EFA NPA (2001-2015)
- Three Year Interim Plan (TYIP), 2007
- School Sector Reform Plan (2009-2015)

Policy Focus

- Improving equitable access (More schools, alternative schooling, flexible schooling, free school, free textbooks, school feeding, Incentives, Scholarships)
- Improving quality and relevancy (Curriculum improvement, teacher training, RC Professional support, Minimum enabling conditions, School environment, Examination reform,
- Enhancing institutional capacity (EMIS/ Flash report, decentralized management, HRD plan, Community school management, Block grant, performance based incentives school accreditation and social audit)

Components of EFA

1. Expanding early childhood development
2. Ensuring universal access to free and quality primary education
3. Meeting the learning needs of all young people and adults with life skill education
4. Reducing adult illiteracy
5. Eliminating gender disparity
6. Improving all aspects of quality education
7. Ensuring the rights of indigenous and linguistic minorities people to quality basic and primary education in their mother tongue

EFA Indicators and targets for 2015

| NO | Indicators | Target for 2015 |
|----|--|-----------------|
| 1 | Gross Enrolment Rate of Early Childhood / Pre School | 80 |
| 2 | Percentage of New entrants at Grade 1 with ECD | 80 |
| 3 | Gross Intake Rate at Grade 1 | 102 |
| 4 | Net Intake Rate at Grade 1 | 98 |
| 5 | Gross Enrolment Rate | 105 |

EFA Indicators and targets for 2015

| NO | Indicators | Target for 2015 |
|----|--|-----------------|
| 6 | Net Enrolment Rate | 100 |
| 7 | % GNP channelled to Primary edu | 2.5 |
| 8 | % of Education Budget channelled to Primary edu | 65 |
| 9 | % of teachers with required qualification & training | 100 |
| 10 | Percentage of teachers with required Certification/License | 100 |

EFA Indicators and targets for 2015

| NO | Indicators | Target for 2015 |
|------|--------------------------|-----------------|
| 11 | Pupil Teacher Ratio | 30 |
| 12 | Repetition Rate: | |
| 12.1 | -- Grade 1 | 10 |
| 12.2 | -- Grade 5 | 8 |
| 13 | Survival rate to Grade 5 | 90 |

EFA Indicators and targets for 2015

| NO | Indicators | Target for 2015 |
|------|---|-----------------|
| 15 | Percentage of Learning Achievement at Grade 5 | 80 |
| 16 | Literacy Rate | |
| 16.1 | -- Age Group 15-24 | 95 |
| 16.2 | -- Age Group 6+ years | 90 |
| 17 | Adult Literacy Rate (15+ years) | 75 |

Flash Reporting System

- Comprehensive school level educational planning, implementation and monitoring
- EFA 2004-2009: New System in School Census: Flash Reporting System
- Easy and quick tool for indicators based data collection, compilation and analysis
- Systematic practice of data reporting and dissemination

Flash Reporting System cont..

- Data collection twice a year
 - beginning of the school year (Flash I)
 - end of the school year (Flash II)
- Flash I School Census: Input/Process
- Flash II School Census: Outcome/Output
- Consolidated report once a year

Main features

- Student related data
 - General information
 - Student achievement (being initiated in some districts)
 - Teacher related data
 - School related data
 - school profile
 - physical facilities
- Indicators based on : Schools, V.D.C, Community and District levels

Process of Flash Reporting System

- ❖ CRC of School Census Forms are develop at central level [Flash I PSL.xls](#)
- ❖ Consultation meeting with respective institutions (DOE Sections, other institutions and DPs)
- ❖ Dissemination of survey forms to Districts and REDs
- ❖ Printing and Distribution to all schools through DEOs
- ❖ Orientation at DEOs and RCs

Process contd.

- Updating the school information and code by DEOs
- Orientation (Software installation, data entry, report/output generation)
- Compilation/analysis/ publishing/ dissemination at District, RED and Centre
- Submission to respective RED and DoE electronically.

Time table for Flash System

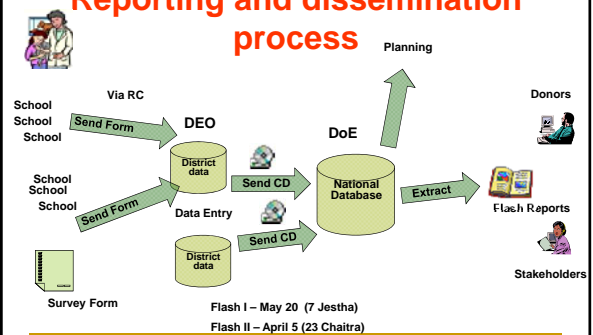
Flash I time table

| S.N. | Steps | Date |
|------|---|------------------------|
| 1 | Flash I Forms arrive in districts | End of March |
| 2 | Fill-in by school (Flash I School Census) | 21 st . May |
| 3 | Forms collection at RCs | 24 th . May |
| 4 | Forms collection at DEOs | June 15 th |
| 5 | District submits Flash I data to DOE | July 15 th |

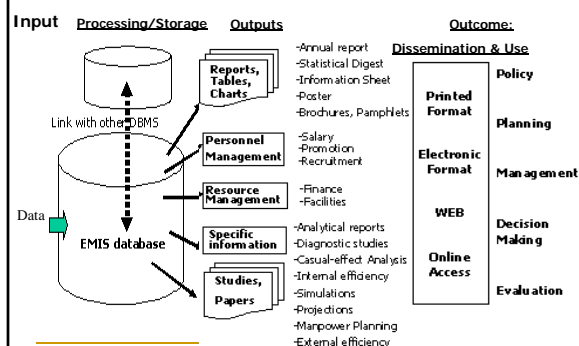
Flash II time table

| S.N. | Steps | Date |
|------|--|-----------------------------|
| 1 | Flash II Forms arrive in districts | End of March |
| 2 | Fill-in by school (Flash II School Census) | April 5 th |
| 3 | Forms collection at RC | April 8 th |
| 4 | Forms collection at DEOs | April 28 th |
| 6 | District submits Flash I data to DOE | June 2 nd . Week |

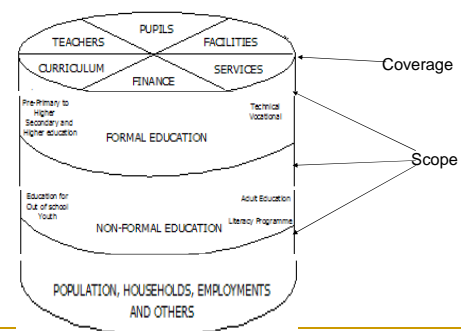
Reporting and dissemination process



Operational Structure



Data coverage and scope



Use of information

- MOE– broad policy concern
- DOE – Planning and resource management
- RED – Monitoring, Evaluation and Reporting
- District – Planning and Implementation
- School, teachers and parents – operations, transactions and teaching learning process

Issues and challenges

- Quality of data
- Verification and Validation
- Coverage (NFE, HSE and HE)
- Effective use of flash information in planning, resource allocation and monitoring at all levels
- Linking EMIS with other MIS
- Difficulty in addressing the expectations of various stakeholders (i.e. dis-aggregated information)

Future plan

- Capacity development (especially at school and district level)
- Develop Comprehensive EMIS System at all levels (i.e. School as an unit of complete EMIS at local level)
- Establishing the School Record Keeping System at all school and link with Flash Reporting System

Future plans

- Linking each school's TMIS and Physical facilities with Flash database
- Linking student achievement data flash database
- Establish Email/ Internet and FTP facilities
- Web base data collection and updating
- Students and teachers ID
- Data verification through independent bodies (periodic basis)
- Local network (DEO, RED and DOE)