International Workshop on data disaggregation for the SDGs, Bangkok 28-30 January 2019

Education Equity Measurement

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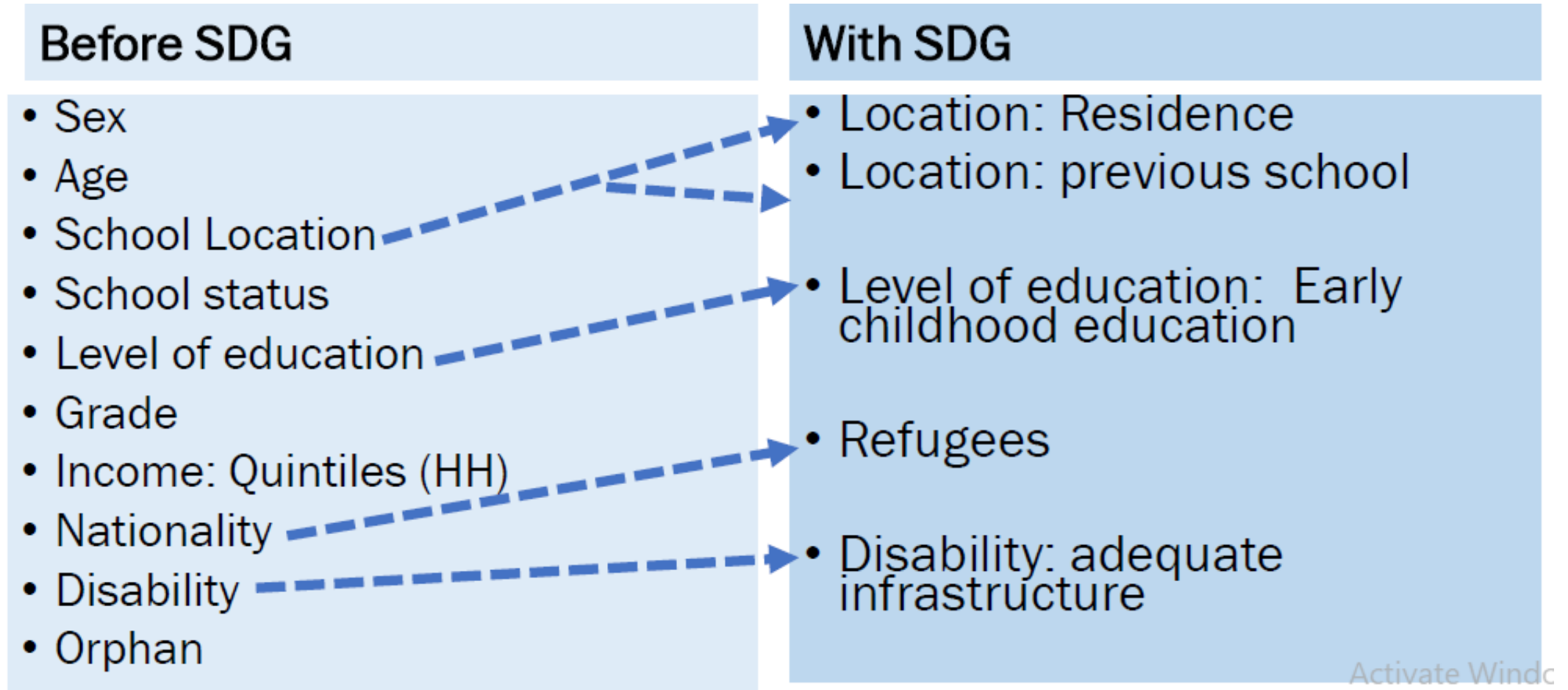
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Introduction

Education data collected once a year through decentralized levels:

↰Districts (30) ↰Sector (416) ↰ Schools (12,974)

- Review of data collection tools to meet data users needs (in specific variables were added for SDGs)

- Data collection tools downloadable on Ministry website

- Elaboration of Education statistical yearbook

  - Administrative data -------- Ministry of Education

  - Household surveys ---------National institute of statistics

Data disaggregation components and categories

Before SDG	With SDG
• Sex	• Location: Residence
• Age	• Location: previous school
• School Location	
• School status	• Level of education: Early childhood education
• Level of education	
• Grade	
• Income: Quintiles (HH)	• Refugees
• Nationality	
• Disability	• Disability: adequate infrastructure
• Orphan	

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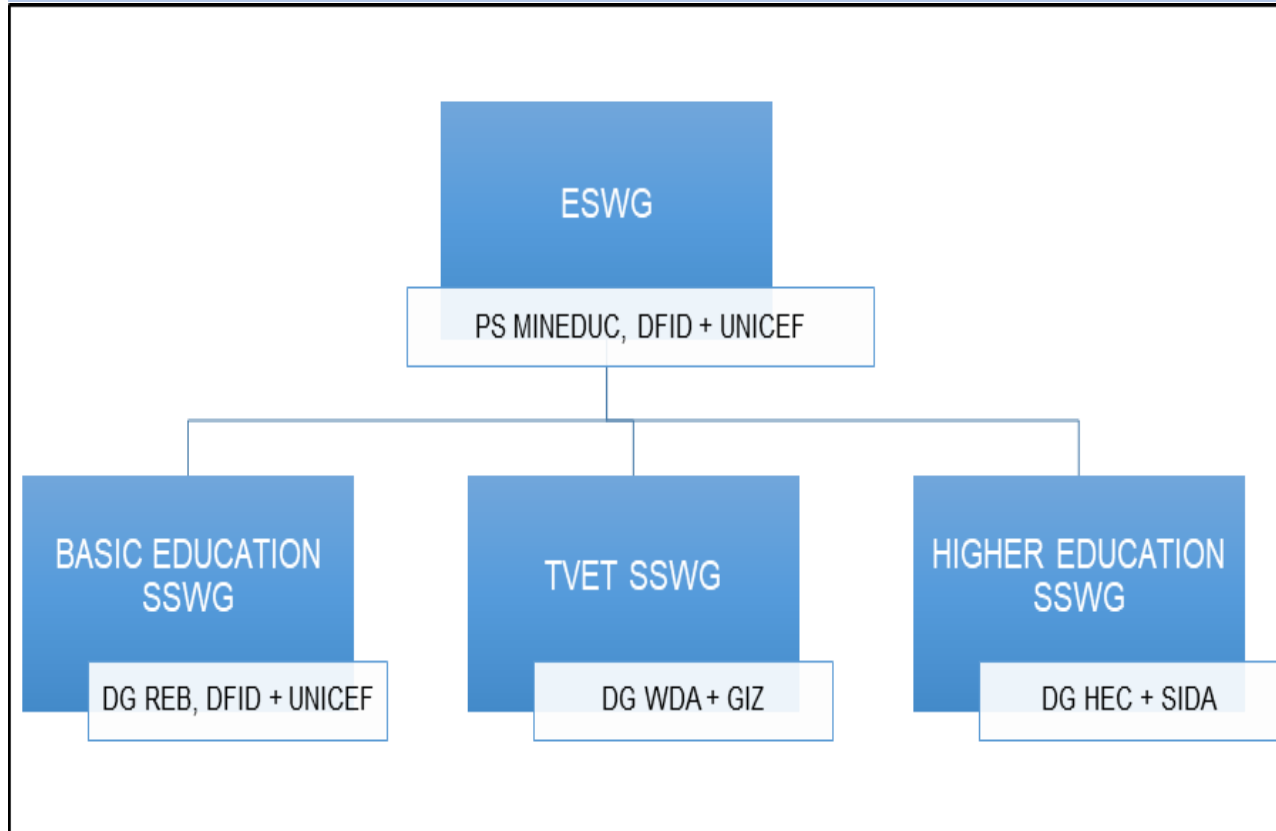
Data disaggregation practice

Leave no one behind

- **Details oriented within the existing data**

  e.g. Pupil per classroom

  Proportion of schools meeting standards pupils classrooms

- **Details oriented requires specific field visit**

  e.g. Schools with access to basic drinking water :SDG4.a.1

  number of tap water within the schools: access points

Specific program for specific targeted group

- Socio protection programs, introduction of nine year basic Education (Poor)

- Specific program to promote Gender equity (Female)

- Inclusive education (Disability)

- Integration of Refugees (Students, Teacher)

Coordination

Education Sector working group

ESWG

PS MINEDUC, DFID + UNICEF

BASIC EDUCATION SSWG — DG REB, DFID + UNICEF

TVET SSWG — DG WDA + GIZ

HIGHER EDUCATION SSWG — DG HEC + SIDA

National Institute of statistics

UNESCO Institute of statistics

School data Management system

- Web based application

- Individual data

III.4.a Number of Pupils by age, Sex and level

Age		Less than 6 years	6 years	7 years	8 years	9 years	10 y
P1	Male						
	Female						
	Total	0	0	0	0	0	
P2	Male						
	Female						
	Total	0	0	0	0	0	
P3	Male						
	Female						
	Total	0	0	0	0	0	
P4	Male						
	Female						
	Total	0	0	0	0	0	
P5	Male						
	Female						

STUDENT ADMISSION FORM

1. Student's Personal Identification Information

" Properties of picture to upload:
* It has to be cropped in portrait shape
* It has to be compressed into webpage picture size
* Microsoft picture manager is recommended to do this job"

| Be reminded that Student enrolling
| into Rwandan Basic Formal
| Education program
| are between 2 and 65 Years

Last Name*: eg: Kabano   Official Papers*: Id ○ Passport ○ None ○   Date of Birth*: 2016 ▾ 01 ▾ 01 ▾

First Name*: eg: Paul   Id Card Number: 16 digits no blank spaces   Father Names: Full name

Gender*: ▾   Passport: passport number   Mother Names: Full name

Portrait(Picture): Choose File No file chosen

2. Student's Birth Country | Do not let select Option with "Choose"
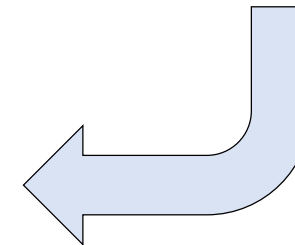
Country: Rwanda ▾

3. Student Academic Information by the time of his first Registration | Academic Level is a required Field, Make sure you have set classes.

Academic Grade*: ▾   Academic Year*: ▾   Boarding Situation: Boarding ▾   Academic Sponsor: FAMILY ▾

NEXT..   RESET

Activate Windows

School data Management system

- Unique identifier for schools, students and staff

Eg: Student Unique Identifier/ Student Serial Number
a 21 digit sequence to represent a student

| 450501 | 2004 | 1 | 32 | 2016 | 0053 |

Student's enrollment order per sector per year

Year of registration

Student's Academic Level by the time of registration

Student's Gender (Sex)

Student's Year of birth

Full Address of student's admission school (Province, District ,sector and school)
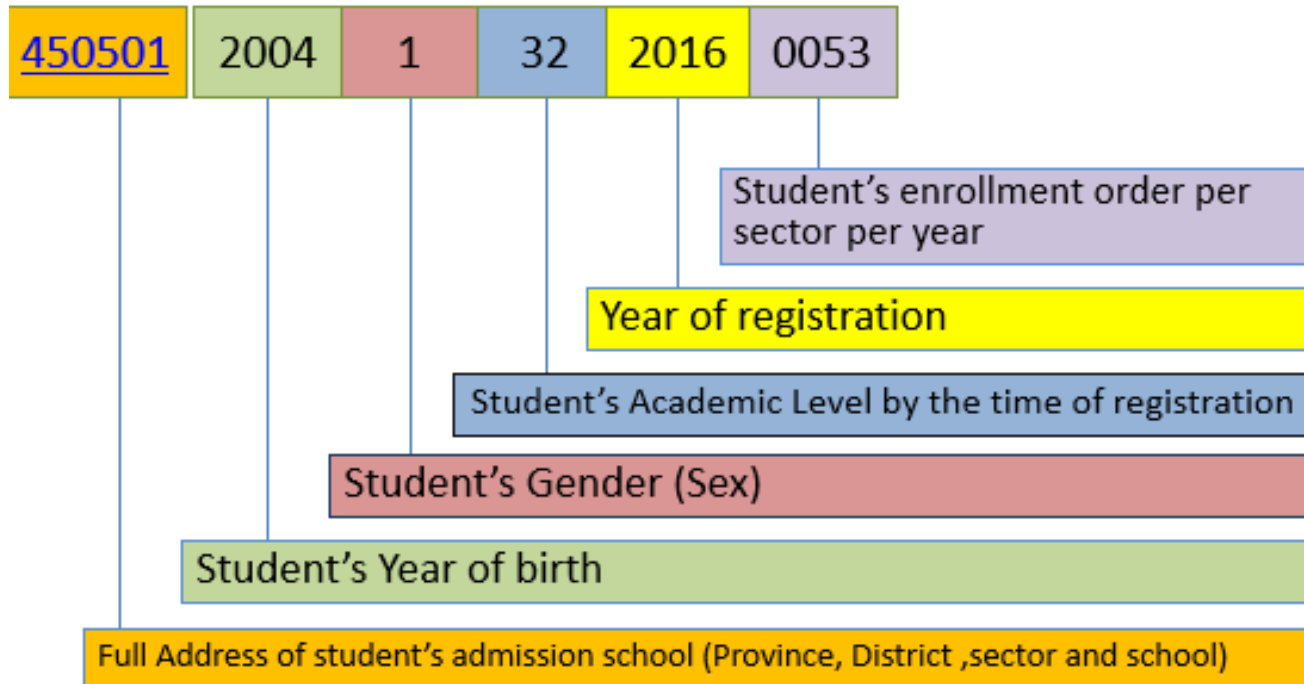
- Improve data quality: no duplicates
- School history: cohort
- Easy data disaggregation
- Monitoring and Evaluation

Challenges and solutions

- Delay----Punctuality

    Use of statistics at school/sector/district level

    Performance contract/Imihigo

- ICT infrastructures and materials

    National priority/National budget

- Capacity

    Periodic/continuous training

THANK YOU

Rwanda Education Statistics: http://mineduc.gov.rw/resource/statistics/