



APAI-CRVS
Everyone visible in Africa

Decade for Repositioning
of Civil Registration and
Vital Statistics in Africa
2017-2026

Annual Expert Group Meeting for Registrar Generals (EGMRG) on Civil Registration and Vital Statistics

RWANDA

Digitalization - Leveraging Technology for Sustainable CRVS

Implementation journey of Rwanda's NCI-CRVS System
Country Case Studies: Digitalization Journeys

Plenary Session 4: Digitalization — Leveraging Technology for Sustainable CRVS
EGMRG Victoria Falls, Zimbabwe | 18 July 2026

[Insert Country Flag]

Presenter: [Name], [Title]

[Country], Registrar General's Department



United Nations
Economic Commission for Africa

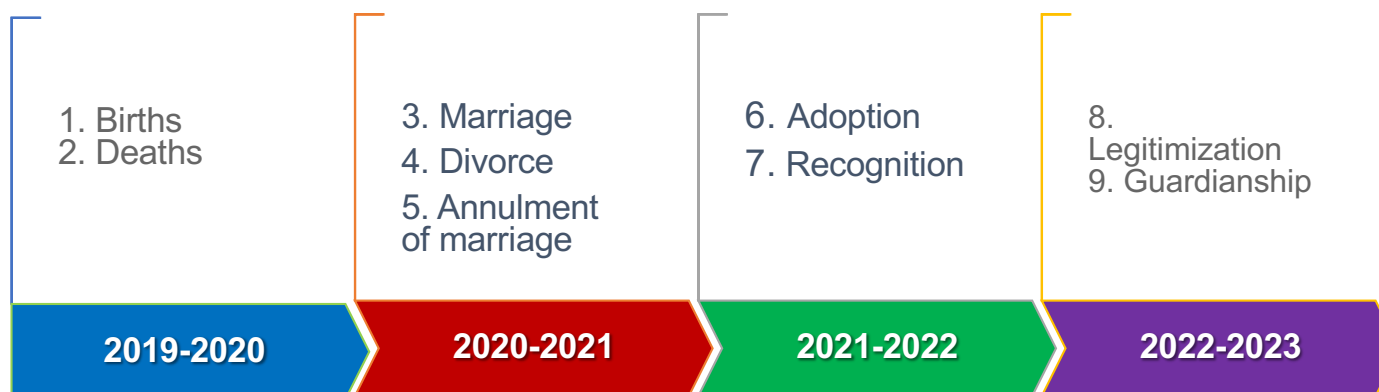


THE CONTEXT — Why Digitalization Was Needed

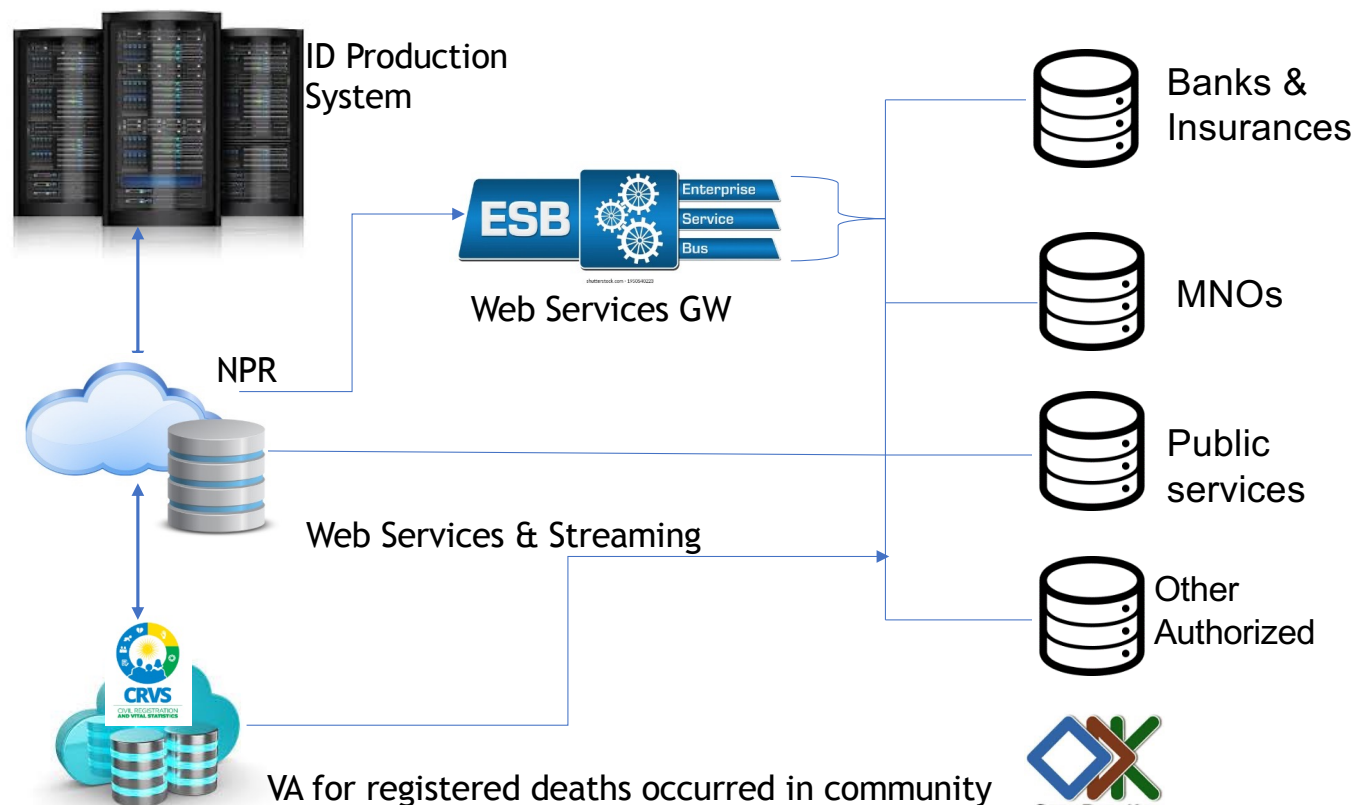
Issues identified in Comprehensive assessment (2016)	Strategic responses (Strategic plan 2017-2022)
Unfavorable legal framework to support CRVS improvement efforts	To amend the CRVS Act to decentralize civil registration services to the health sector and lower the administrative level at Cell and Village.
Cumbersome CR business processes	To re-engineer CRVS business processes
Absence of CRVS governance structure	To establish CRVS coordination and management committees (roles)
CRVS sub-systems not integrated.	To integrate CRVS system interoperable with ID & other systems to reduce duplication of efforts & increase efficiency
Underutilization of the strengths provided by health facilities.	To exploit existing high contact between health systems and the population
Limited knowledge of CRs and low awareness on CR	Carry out capacity building for CRs, create demand for CR, institutionalized the process for production and dissemination of annual VS report and conduct public awareness

THE JOURNEY — Our Digitalization Approach

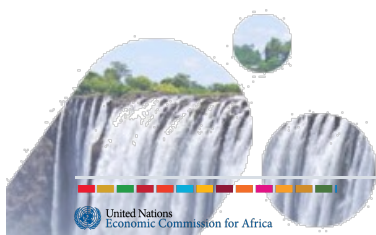
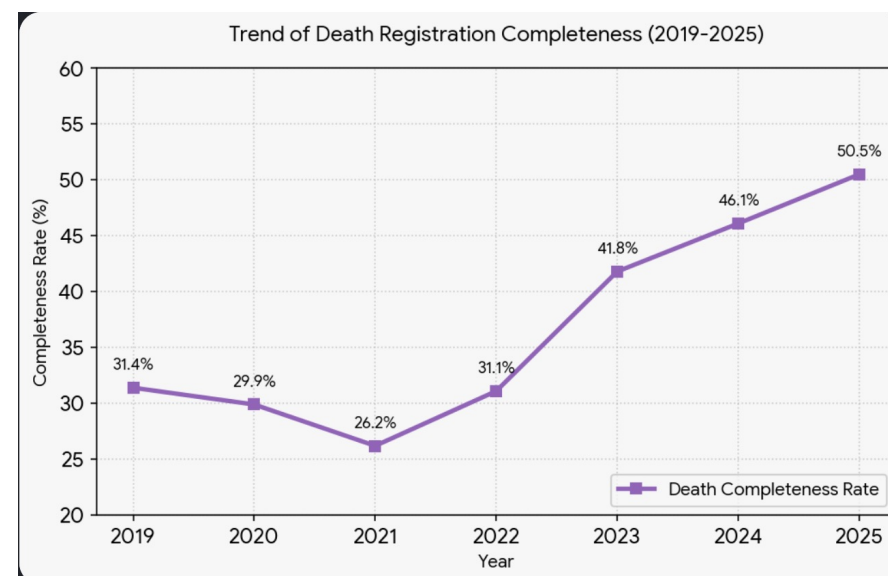
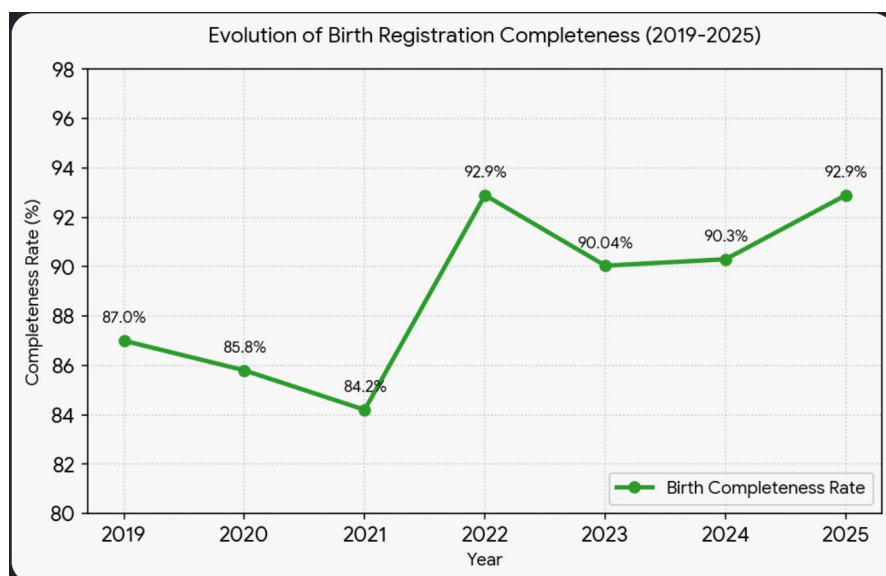
NCI-CRVS System Implementation Phases



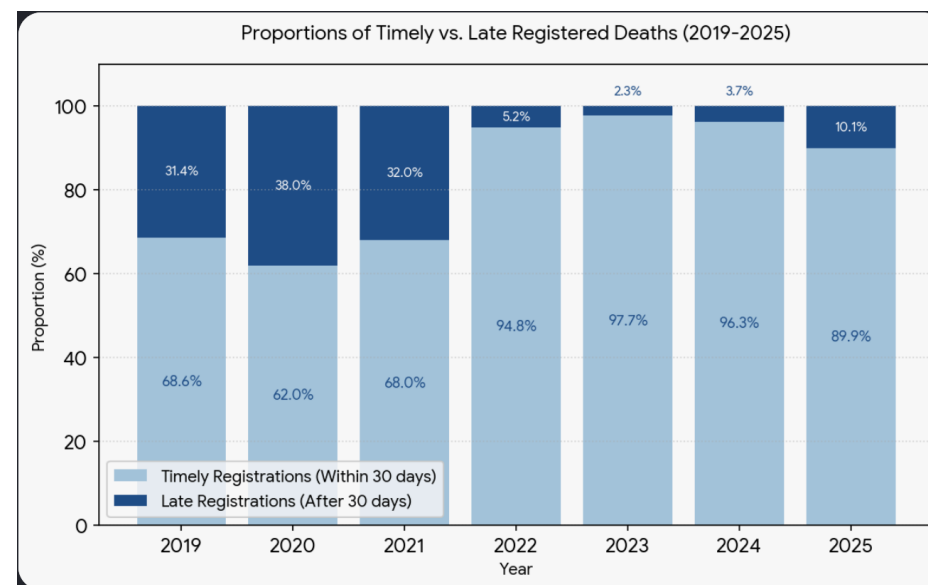
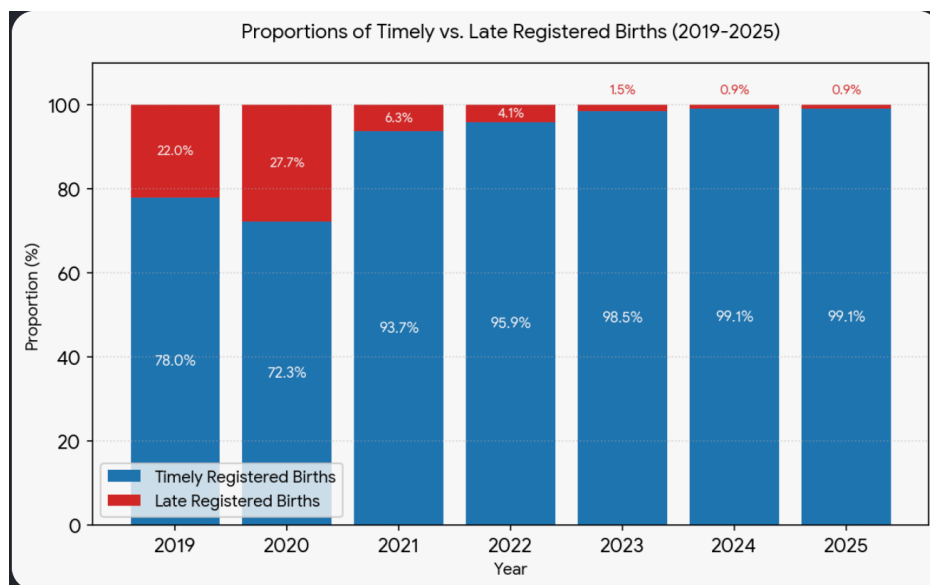
THE JOURNEY — Our Digitalization Approach



WHAT WE ACHIEVED — Results and Impact



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LESSONS LEARNED

Critical Success Factors

- Political will and leadership support
- Strong collaboration and coordination across key CRVS stakeholders in the CRVS improvement process
- Avail budget for modular implementation and continuous systems upgrades and maintenance from national budget and development partners
- Create value to the citizens to ensure timely registration of vital events.
- Ownership of the systems by countries for sustainability
- Change management from all stakeholders



WHAT'S NEXT — Our Vision for the Future

Sustaining and Scaling Digitalization

- Build demand for data use to improve communication of CRVS data
- Strengthening monitoring and feedback especially in community level
- Continuous training of technical staff
- Use of AI / technology to detect and prevent errors
- Continue with integrations with data sources (e.g. IECMS)
- Cross-border data sharing





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Thank you

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