

Four Births Every Second

0:59

Clock

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Birth Count

Infant mortality rates (per 1,000 live births): **Low-income countries: 49; High income countries: 5**

No. of Childbirths in India: ~25 million/year

Infant-ID: Civil Registration For All



Infants: 0 to 12 months

What is the youngest age at which we can recognize a child?

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Infant-ID: Requirements

- Persistence and uniqueness of biometric trait
- Compatibility with Legacy System
- Usability (ergonomics)
- Throughput (time to process an infant)
- Low-cost solution (reader + matcher)
- Recognition on time-separated data (longitudinal study)

InF15 SPOTLIGHT ON INFANT BIOMETRICS

5-5:04 Moderator's Opening Remarks, **Anil K. JAIN**, *Michigan State University*

5:04-5:16 Infant-Prints: Fingerprint recognition of infants, **Joshua ENGELSMA**, *Michigan State University*

5:16-5:28 Biometric Recognition of Children, **Yaseen MOOLLA**, *CSIR, South Africa*

5:28-5:40 KidPrint: Biometrics for everyone, **Elijah ARONOFF-SPENCER**, *UC San Diego*

5:40-5:52 Infant Biometrics: The point of entry to a legal Identity, **Paul MACHARIA**, *Ministry of Health, Kenya*

5:52-6:02 Infant Biometric Identity: A mobile deep learning approach, **Barbara IYAYI**, *Element*

6:02-6:30 Panel Discussion