

FIFTH POPULATION CENSUS OF SUDAN

Southern Sudan Commission for
Census, Statistics and Evaluation

Presented By
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SSCCSE Chairman



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Background

- Preparations for the 5th Sudan Population and Housing Census began in 2005, soon after the signing of the Comprehensive Peace Agreement (CPA) on January 9th.
- The CPA identified the Central Bureau of Statistics (CBS) and the Southern Sudan Commission for Census, Statistics and Evaluation (SSCCSE) as the two Government agencies to implement the census in the 15 states of Northern Sudan and the 10 states of Southern Sudan, respectively.



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GONU and GOSS

- The Government of National Unity (GONU) is the Federal government with members from North and South Sudan
 - The GONU provided census funding on a national level for both the CBS and SSCCSE.
- The Government of Southern Sudan (GOSS) is the government in charge of the semi-autonomous Southern Sudan
 - The GOSS provided additional census funding for Southern Sudan for security, transport, and advocacy.



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PCC and SSPCC

- The Population Census Council (PCC) was established by Presidential Decree in January 2006 to supervise and coordinate the implementation of the census
- The Southern Sudan Population Census Council (SSPCC) was established by a GOSS Presidential Decree in September 2006 to supervise implementation of the census in Southern Sudan.
- Both the PCC and SSPCC have to agree on census forms, methodologies, dates and results

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TWG and MOC

- The Census Technical Working Group (TWG), comprised of national and international stakeholders, coordinates and harmonizes all technical aspects of the census
- The Monitoring and Observation Committee (MOC) is charged with monitoring the entire census process to ensure transparency and the use of internationally accepted standards and procedures.
- The MOC reports to the PCC.



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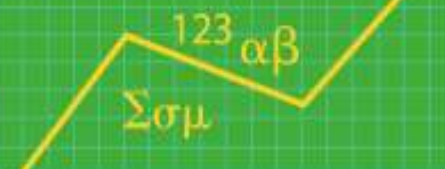
Census Phases

- **Pilot Census** (April 2007)
 - Test maps, questionnaires, logistics and data processing
 - Keyed data entry was used
 - Modified tools and procedures based on pilot evaluation
- **Pre-Enumeration** (January 2005 - April 22 2008)
 - Mapping
 - Recruitment, training, and deployment
 - Material distribution
- **Enumeration** (April 22 to May 6)
- **Post-Enumeration** (May 6 2008 - Completion)
 - Data capture
 - Structure editing
 - Merging of SSCCSE and CBS data sets
 - Consistency editing of first ten questions
 - Coding from image for Industry and Occupation
 - Consistency editing of remaining variables



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Mapping

- 15 months in duration with 900 mapping staff
- Approximately 60,000 GPS points collected, indicating place names and facilities covering 10,095 EAs
- Urban EA size was 150 - 200 Households/Enumerator
- Rural EA size was 100 - 150 Households/Enumerator

• Complete EA, Boma, Payam, & County level polygons were linked with names and codes in attribute table

• 12,095 enumerator and supervisory field maps were produced in 2 months



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Advocacy and Publicity

- The Census Advocacy and Publicity campaign was officially launched by the Vice President of GOSS
- Advocacy Committees were formed at GOSS and State levels and all States were provided with public address systems
- Census Publicity Materials were produced and distributed throughout the 10 States. Many workshops involving traditional leaders, civil society, government officials
- Radio stations had regular programs on the Census

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Recruitment

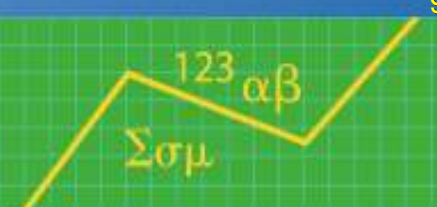
- Recruitment targets were based on 11,000 EAs and average control ratios;
- Recruiting criteria and appropriate tests were developed for each of the positions.
- Entire process took 5 months

Position	Number of Staff
Enumerators	11,570
Supervisors	2,317
Field Officers	234
Field Coordinators	79
Principle Trainers	40
HQ Resource Persons	12



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Material Distribution

- Seven shipments of materials (~120 tons) were received, warehoused and unpacked by the SSCCSE
- The materials were re-packed and pre-positioned in the field for the 14,000 enumerators and supervisors.
- Over 150 cargo movements coordinated with UNMIS, SSCCSE, and local government officials
- Over 40 flights, 71 long-range patrols, more than 30 convoys, and 12 county supply missions by boat and barge
- Started March 5th and was completed in about 6 weeks



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Staff Training and Deployment

- Cascade training using verbatim training materials was used at all levels.
- Principle Trainers Juba training, 17 - 29 February 2008
- State Trainers in State Capitals, 9 -15 March 2008
- Supervisor Training at County level, 19 - 25 March 2008
- Enumerator Training for Long Questionnaire at County/Payam level, 30 March - 9 April 2008
- Enumerator Training for Short Questionnaire at Payam/Boma level, 2 - 9 April 2008



Enumeration

- **Duration**

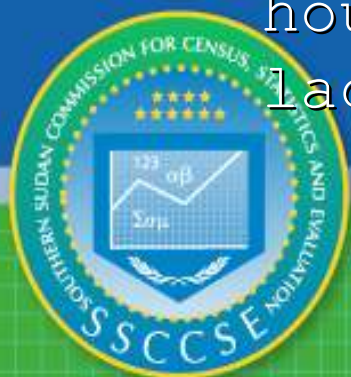
- 22nd April – 6th May (two weeks)

- **Method**

- De Facto (people were counted where they spent the night April 21-22)

- **Special Population groups (Cattle camps, institutional households, homeless, and night travelers)**

- Were enumerated in the early morning hours of April 22 in the South due to lack of electricity



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Material Retrieval

- Retrieval started 7th May and ended July 27th (2 Months)
- Materials were collected from EAs, transported to state headquarters and then sent to the Rumbek Data Processing Centre
- 814 cartons of enumeration materials were received and stored in five secure shipping containers upon arrival.

- 32 stores closed, unpacked, enumerated, logged-in, and shelved during two shifts.

	10 States	79 Counties
Distribution	UNMIS - 10	UNMIS - 57 SSCCSE - 22
Retrieval	UNMIS - 8 SSCCSE - 2	UNMIS - 17 SSCCSE - 62

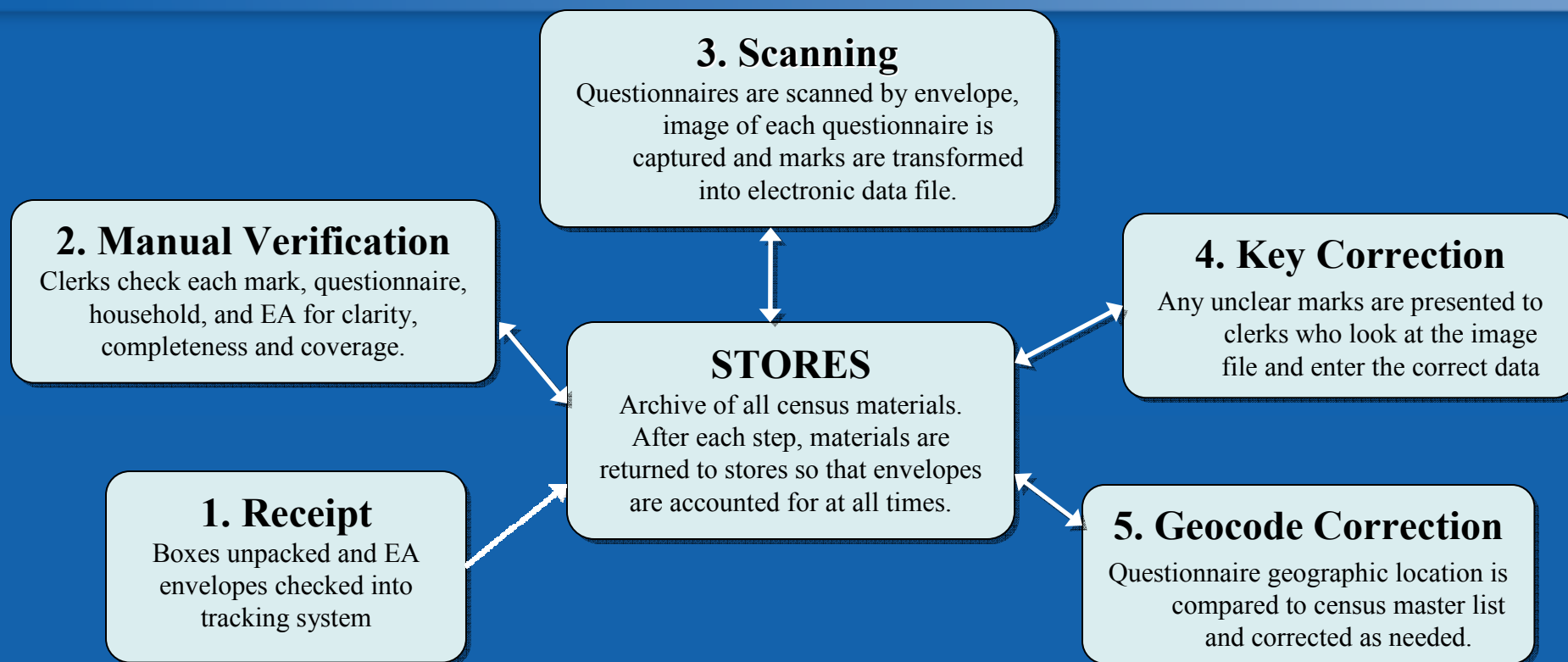


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Data Capture



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Structure Editing

- A team of 14 editing staff drafted structure edit specifications and programs using Census and Survey Processing (CSPro) software.
- Edited data were reviewed to ensure that no biases were introduced and that all person and household data were valid.
- Final run using completed programs 16 January



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Data Merge and Consistency Edits

- The SSCCSE and CBS data sets were merged into a national data set for consistency editing of the first ten questions from January 28 to February 7, 2009.
- Consistency editing of the Sudan Dataset was carried out jointly by the CBS and the SSCCSE at the Khartoum Data Processing Centre from February 7 to 10, 2009.
- Census Priority Tables have been produced and are currently being checked for consistency .



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Next Steps

- Decentralized code from image of industry and occupation questions
- Data merge after coding
- Consistency editing of remaining variables
- Master sample frame development and implementation
- Detailed census analysis and dissemination
- Produce spatial analysis of data after incorporation of official county and state boundaries



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Lessons Learned

- Early development of comprehensive work plan
- Timely mobilization of resources (human, finance, material, and equipment)
- Effective and coordinated leadership and management team
- Detailed logistics, communication, transportation, and storage plans
- Sufficient time for census planning and execution
- Aggressive advocacy and publicity
- Reasonable working environment (basic infrastructure)

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Thank You



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