



HIGHER EDUCATION STATISTICS- NIGERIA EXPERIENCE IN DATA COLLECTION

By

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Countries , Windhoek 17th – 21st October 2010*

FEDERAL REPUBLIC OF NIGERIA – General Information

- **Government: Type:** Federal Republic. Located on S/Coast of W/Africa. 36 States, 1 Capital Territory.
- **Population:** 150,000,000 (Estimated)
- **Pop density:** 415.9 per sq. ml. 160.6 per sq. km.
Urban: 46.2%.
- **Life Expect:** 45.8 Male; 47.3 Female. **Infant Mortality** (per 1,000 live births); 95.7. **HIV Rate:** 3.1%.
- **Education:** Basic Compulsory: Ages 6-14. **Literacy:** 72%.(regional averages vary)

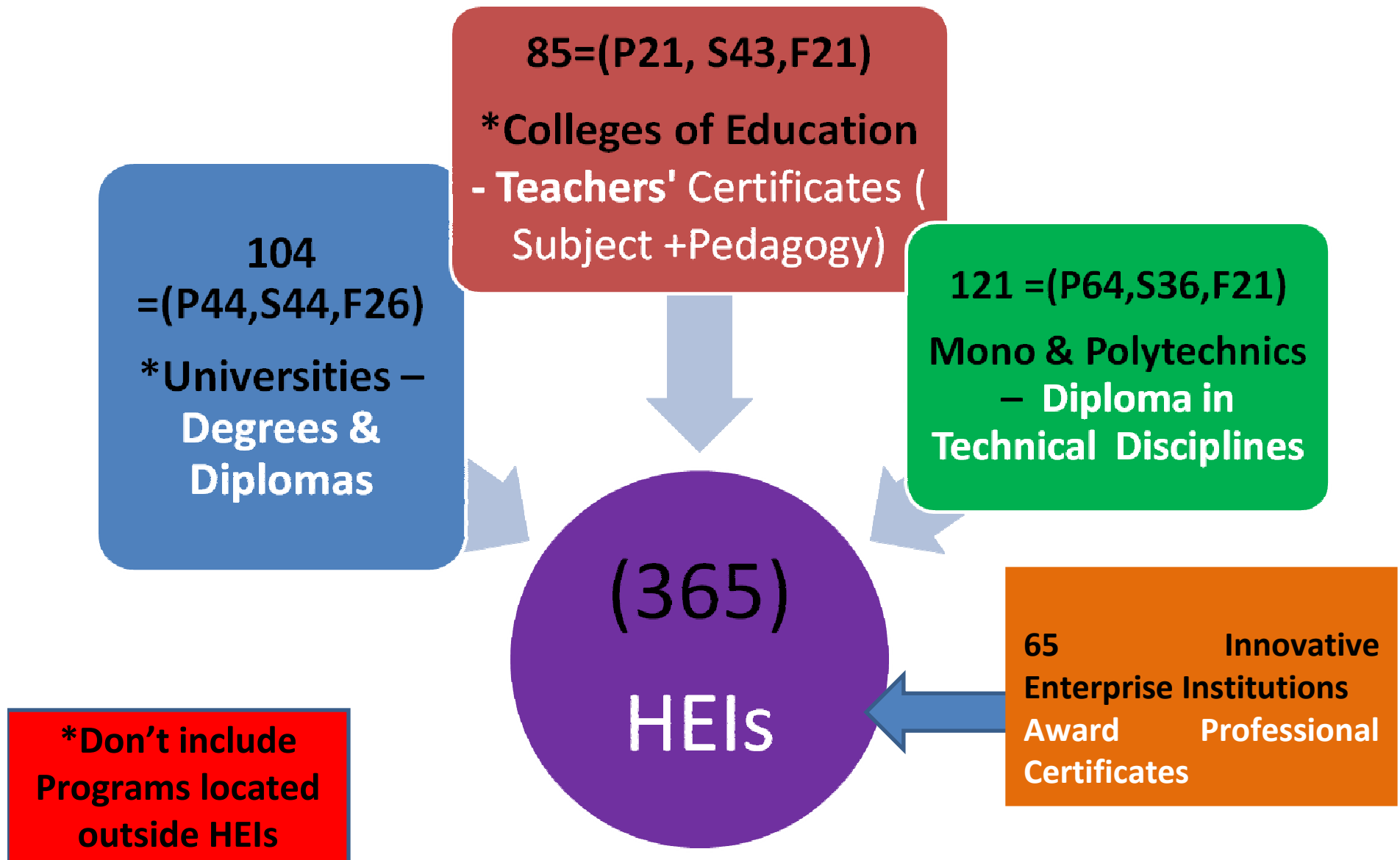
FEDERAL REPUBLIC OF NIGERIA — General Information

- **Ethnic groups:** 250 +. Hausa & Fulani 29%, Yoruba 21%, Igbo (Ibo) 18%, Ijaw 10%, Kanuri 4%, Ibibio 4%, Tiv 3%
- **Principal Languages:** English(official), Hausa, Yoruba, Igbo (Ibo), Fulani,
- **Chief Religions:** Muslim 50%, Christian 40%, indigenous beliefs 10%.
- **Land Area** 351,650 sq ml, 910,768 sq. km. **Arable Land:** 33%.
- **Neighbors.** Benin on West, Niger on North, Chad & Cameroon on East.
- **Capital: Abuja**, (5,000,000Est). Other Mega Cities : Lagos, (11,500,000 Est) Kano, (9,500,000 Est); Ibadan, (5,600,000 Est).

FEDERAL REPUBLIC OF NIGERIA – General Information

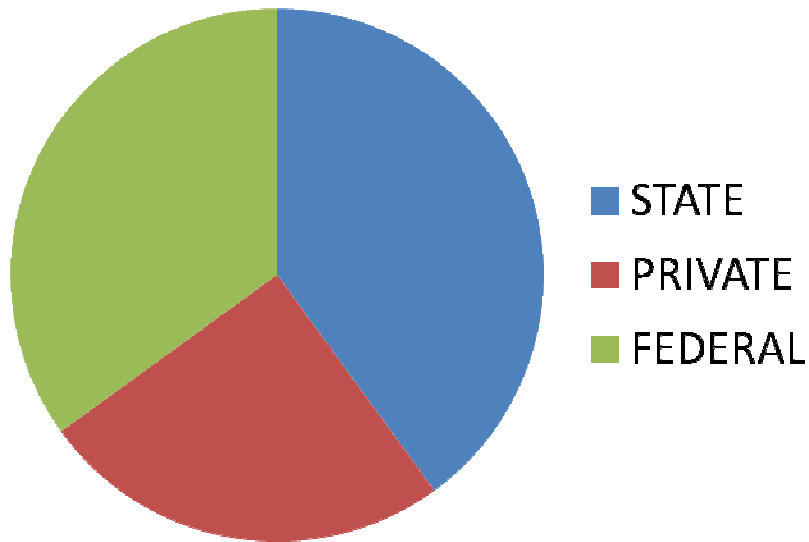
- **Natural Resources:** Natural Gas, Oil, Tin, Iron Ore, Coal, Limestone, Niobium, Lead, Zinc.
- **Crude Oil Reserves:** 36.2 Billion Barrels .
- **Livestock :** Cattle: 16.3 mil; Chickens: 166.5; Goats: 28.6 mil; Sheep: 24 mil; Fish Catch: 636.901 metric Tons (est) .
- **Electricity Generation :** 4000 Mega Watts
- **Labour Force (1999 est):** Agric. 70%, Industry 10%, Services 20%.
- **Monetary Unit:** Naira (NGN) (150 = \$1 U.S). **Per Capital GDP:** \$2,000: **GDP Growth:** 6.4%.

HIGHER EDUCATION INSTITUTIONS (HEIs)



HIGHER EDUCATION INSTITUTIONS (HEIs)

PROPRIETORSHIP



HEIs Regulatory Agencies

- National Universities Commission (NUC)
- National Commission for Colleges of Education (NCCE)
- National Board for Technical Education (NBTE)
- Joint Admissions & Matriculation Board (JAMB)

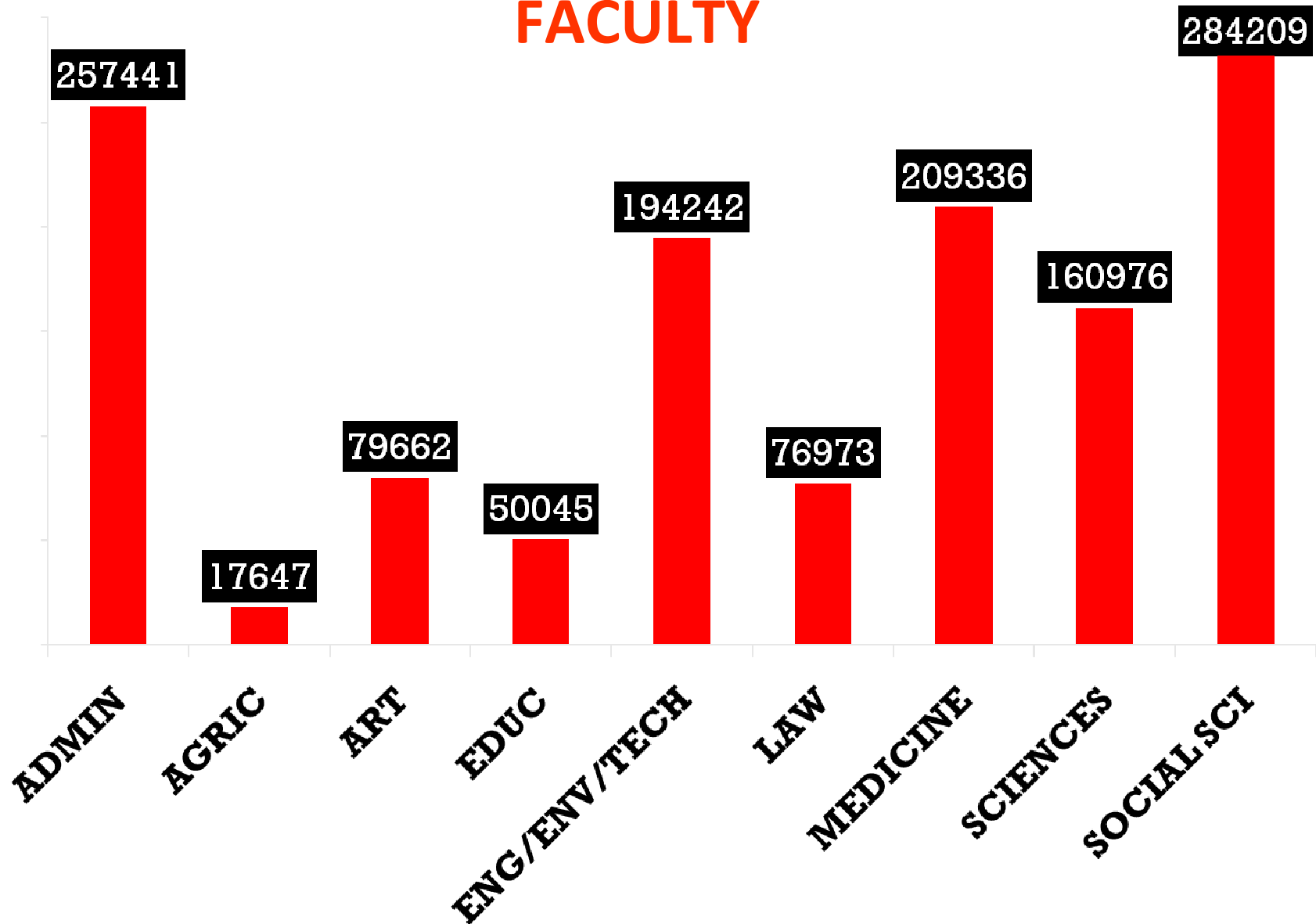
HEIs STUDENTS' PREFERENCES - MATRICULATION EXAMINATIONS

***Universities Matriculation Examinations (UME)**

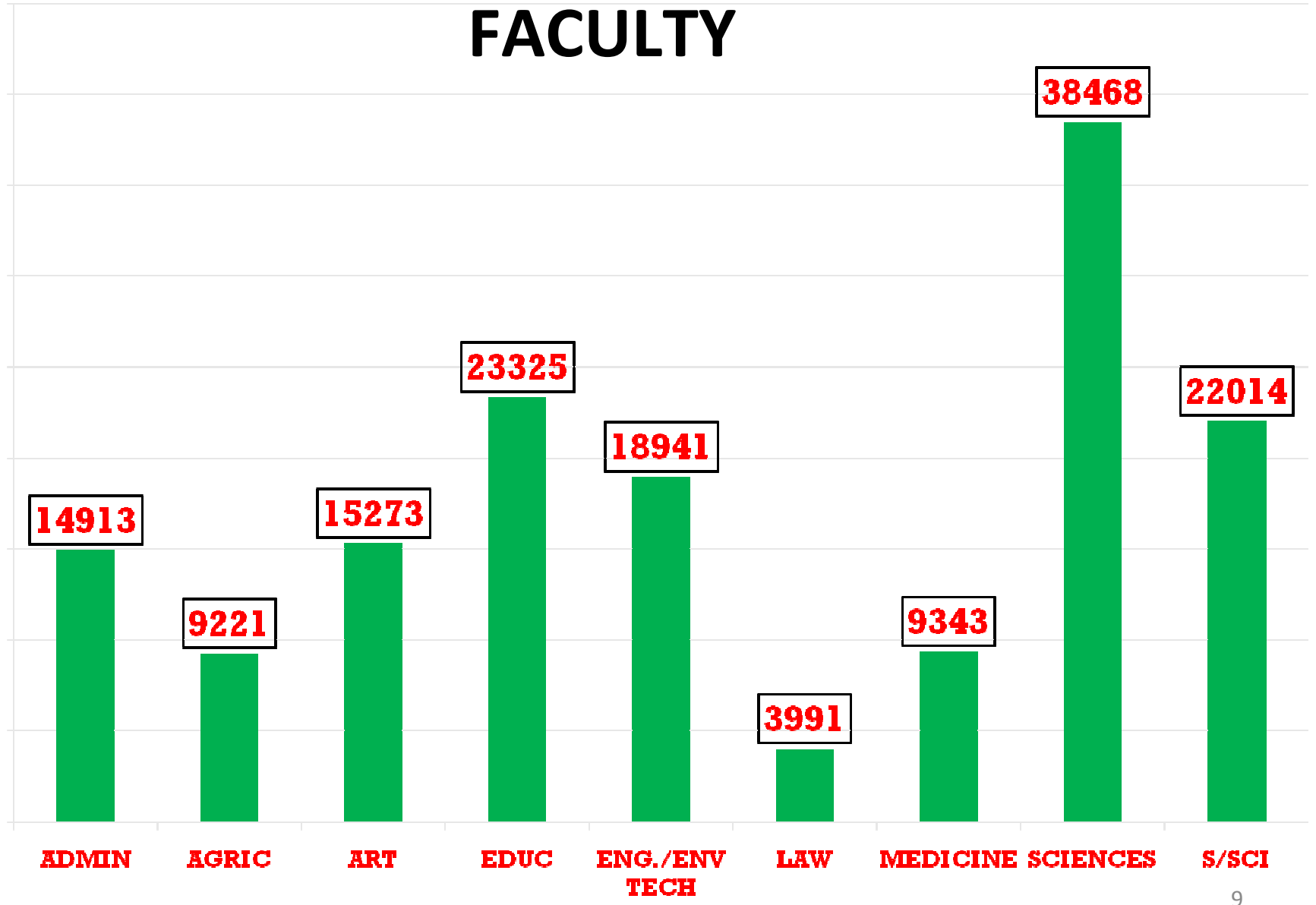
***Monotechnics, Polytechnics & Colleges of Education(MPCE)**

YEARS	*UME	*MPCE	TOTAL
2007	911,679	167,836	1,079,515
2008	1,192,050	310,022	1,502.072
2009	1,184,651	342,908	1,527,559
2010	1,330,531	45,140	1,375,671

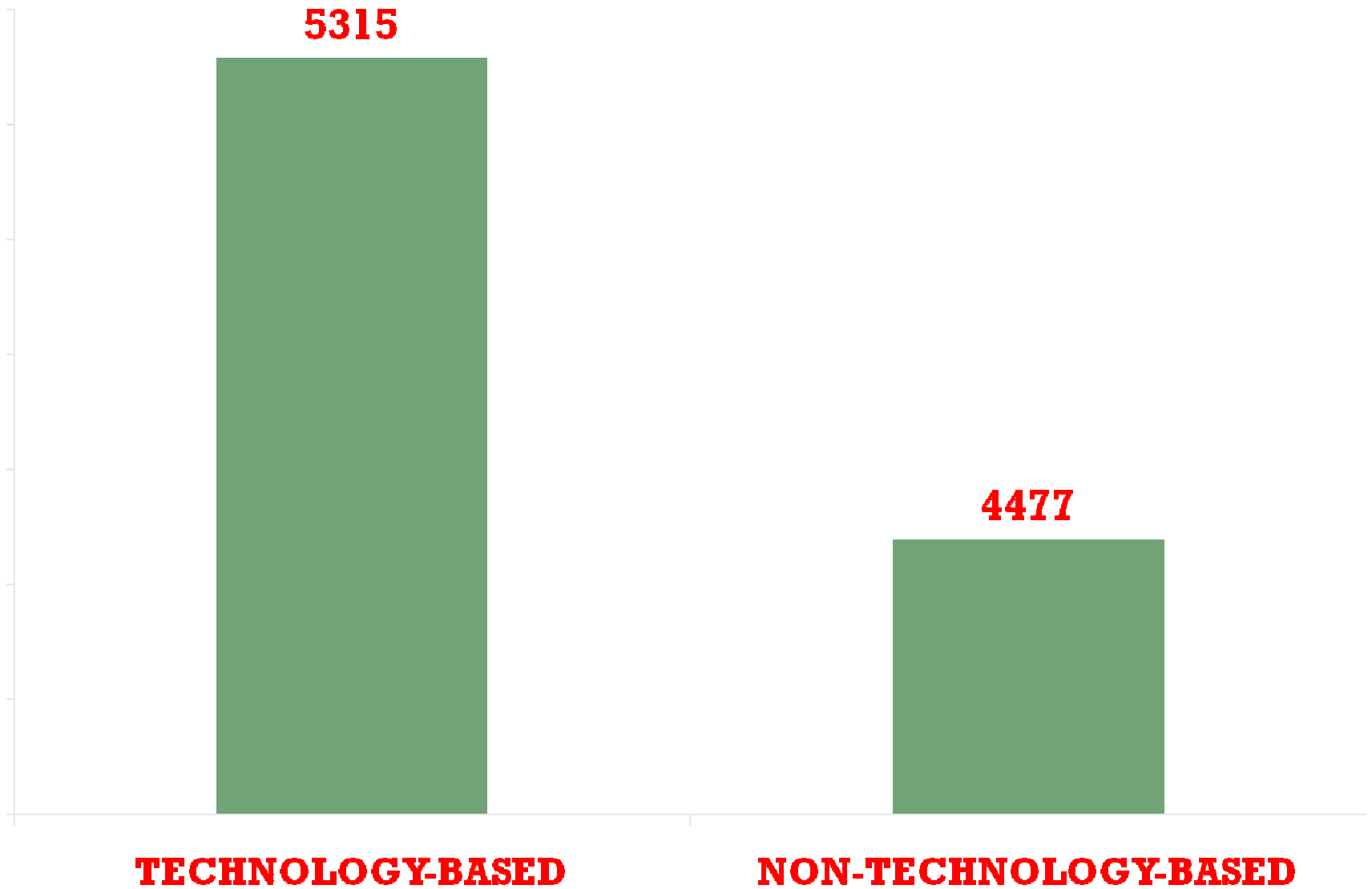
STATISTICS 2010 UTME APPLICATIONS BY FACULTY



2009 UME ADMISSIONS STATISTICS BY FACULTY



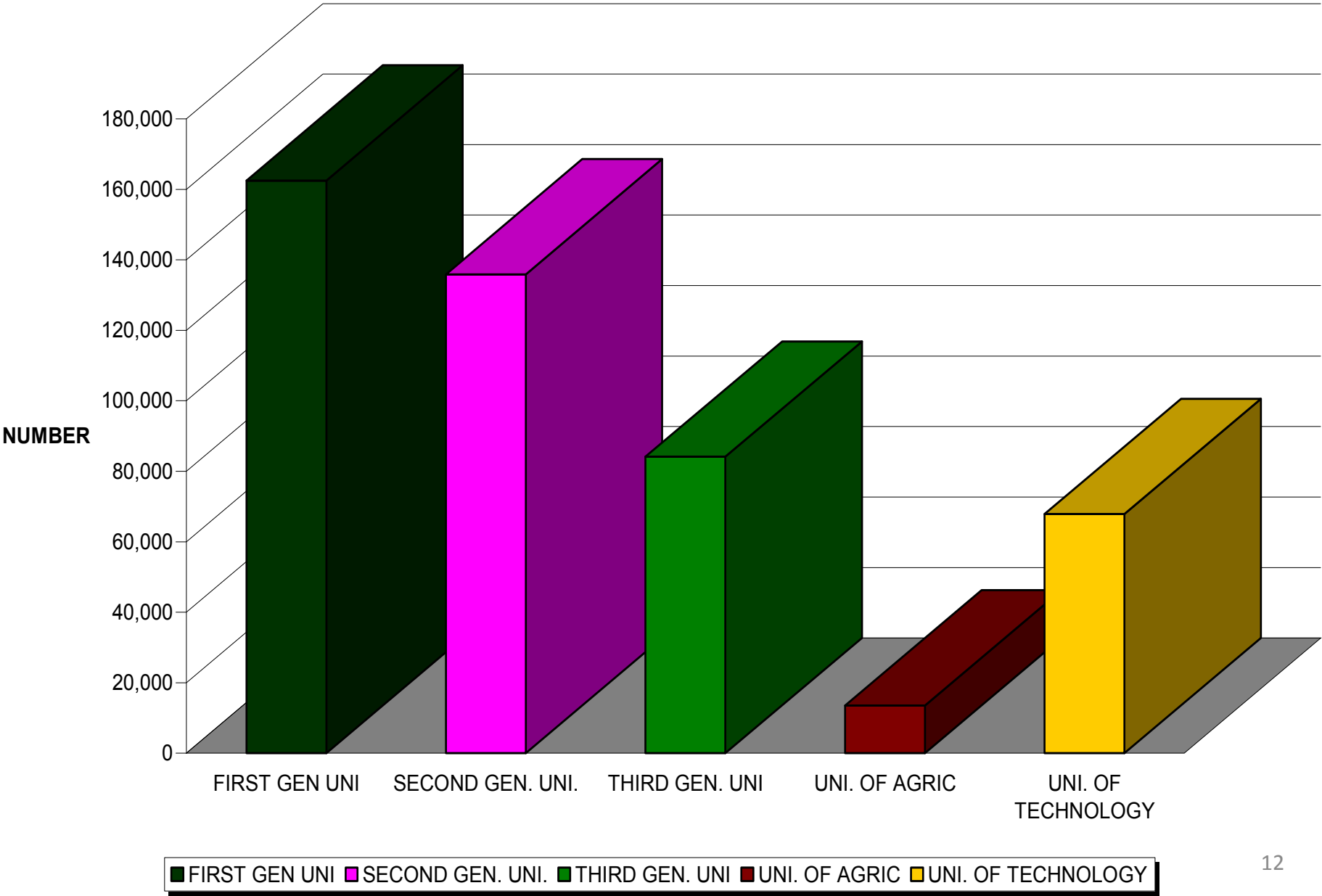
2010 UTME APPLICATIONS BY TECHNOLOGY & NON-TECHNOLOGY BASED COURSES MONO/POLYTECHNICS /IEIs)



APPLICATION AND ADMISSION PROFILES INTO NIGERIAN UNIVERSITIES

Year	No. of Applicants	No. Admitted	% Admitted
2004/05	841,878	122,492	14.5
2005/06	916,371	76,984	8.4
2006/07	803,472	88,524	11.0
2007/08	911,653	107,370	11.8
2008/09	1,054,060	200,000	18.9

ENROLMENT BY CATEGORY OF UNIVERSITY



HEIs – SUMMARY OF STUDENTS ENROLMENT

INSTITUTIONS 2005/2005	MALE	FEMALE	MF
Universities	494822	285179	780001
Mono/Polytechnics	198455	143979	332434
Colleges of Education	150093	201162	351255
GRAND TOTAL			1,463690

INSTITUTIONS 2008/2009	MALE	FEMALE	MF
Universities			1,014,337
Mono/Polytechnics	183717	127864	311581
Colleges of Education	182790	182433	365223
GRAND TOTAL			1,691,141

Faculty Staff in Tertiary Institutions

System	Academic	No. Required	Shortfall
1. Colleges of Education	11,256	26,114	14,858 (56.9%)
2. National Teachers Institute	6,526	7,000	474 (06.8%)
3. Poly/Monotechnics	12,938	30,016	17,078 (56.9%)
4. Universities	30,452	50,000	19,548 (39.1%)
5. NOUN	5,220	15,000	9,780 (65.2%)

***2007 System wide Staff Audit**

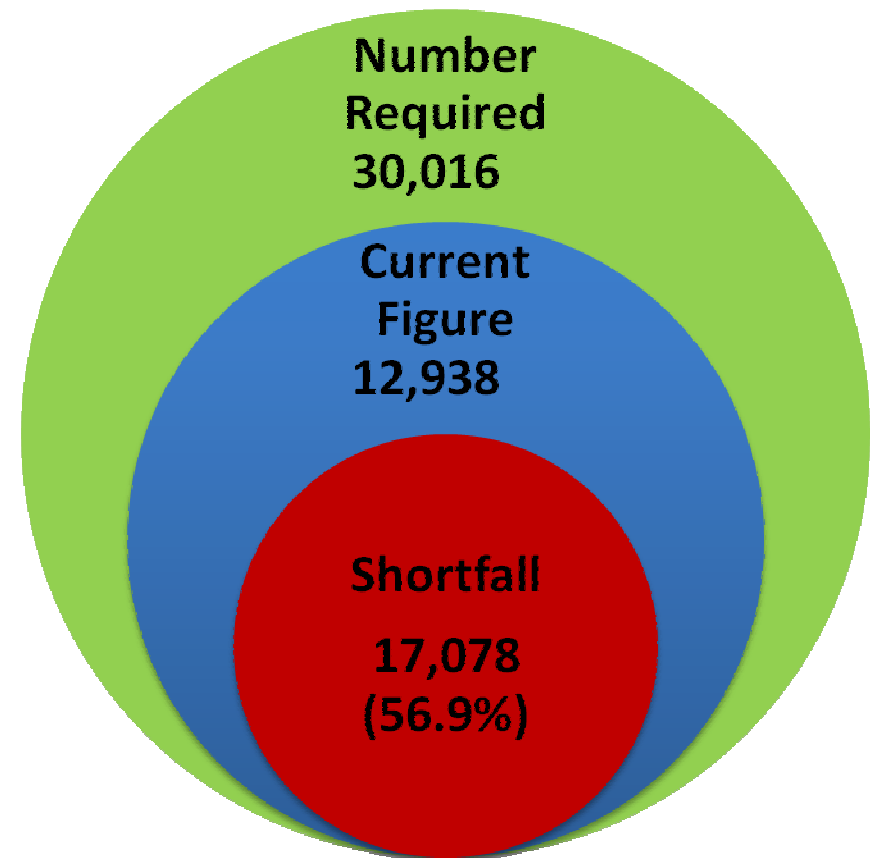
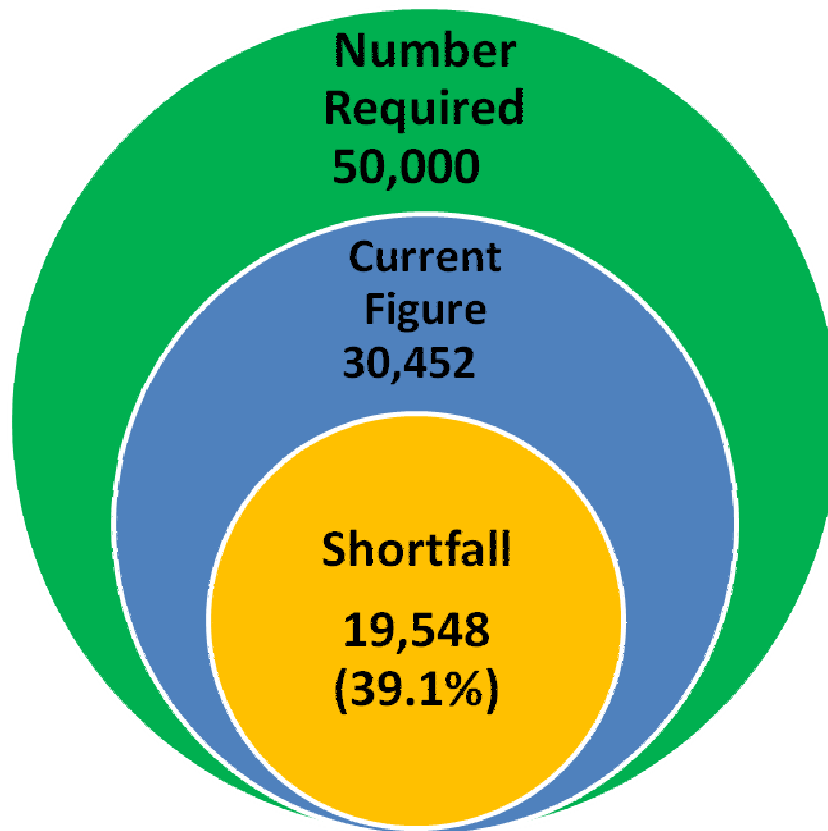
Universities – Academic/Non Academic Staff*

ACADEMIC STAFF 2006	TOTAL
PROFESSOR/READER	5483 (20%)
SENIOR LECTURER	6475 (23.6%)
LECTURER I AND BELOW	15436 (56.4%)
TOTAL	27394
NON-TEACHING STAFF	
SENIOR NON-ACADEMIC	30275 (42%)
JUNIOR	41795 (58%)
TOTAL	72070
GRAND TOTAL ALL STAFF	99464
Academic staff : Non-academic staff = 1:2.6	
*2007 System Wide Audit	

Faculty Staff in Tertiary Institutions

University - Academics

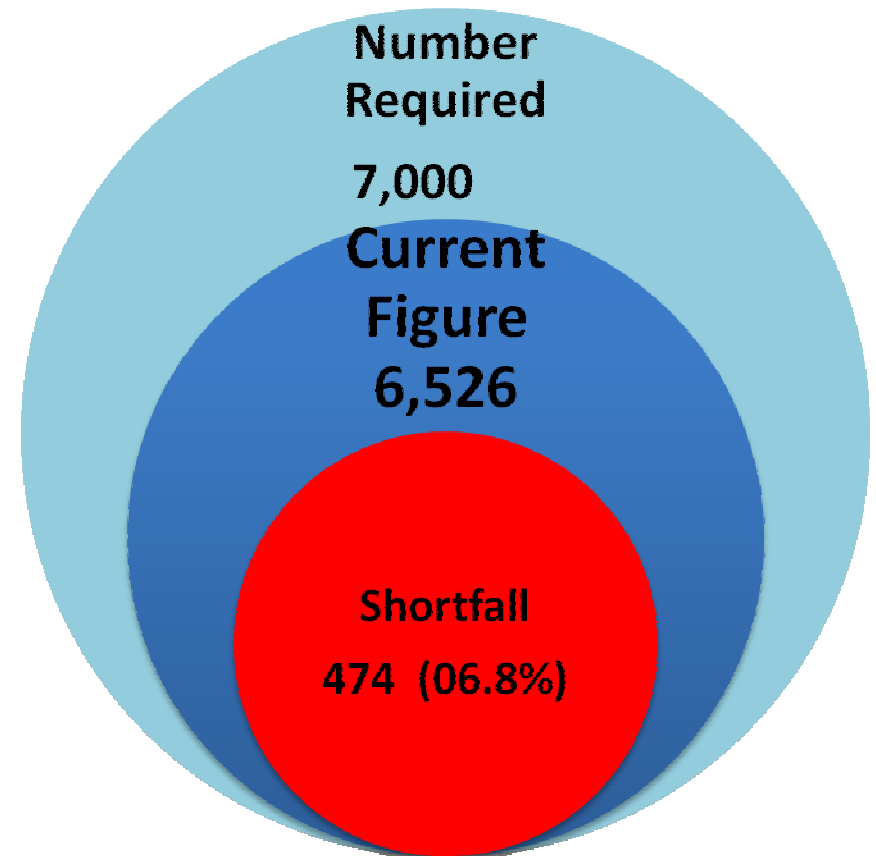
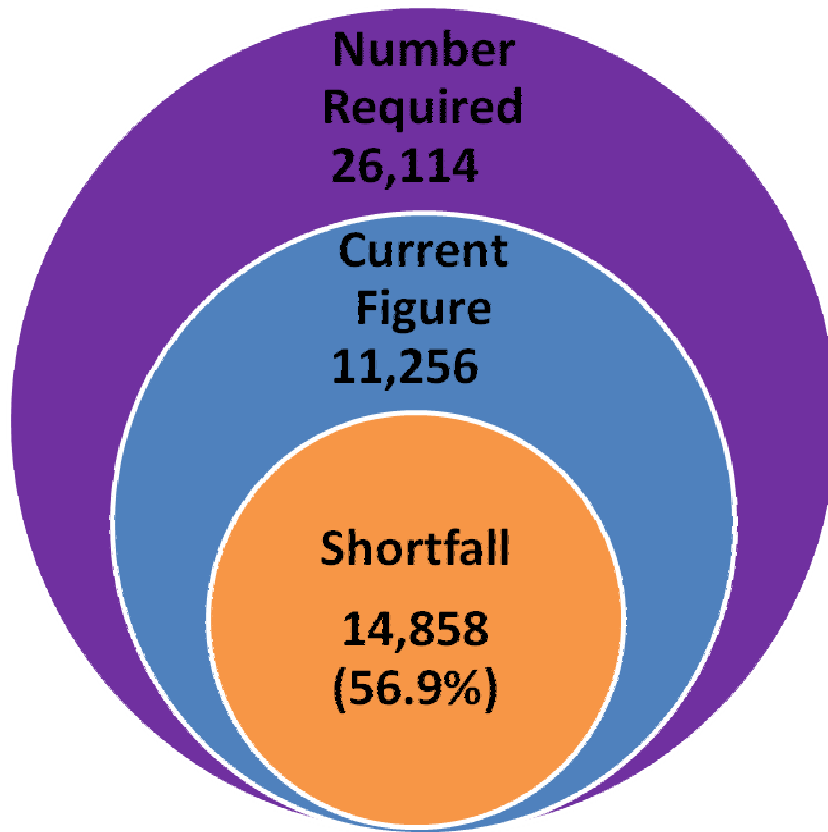
Poly/Monotechnics - Academics



Faculty Staff in Tertiary Institutions

Colleges of Education

National Teachers Institute



Faculty Staff In Tertiary Institutions

- **There are academic staff shortages across board particularly in the critical areas of science & technology;**
- **Over 60% of the academic staff in the Nigerian University System is in the category of Lecturer I and below;**
- **These shortages are compounded by inter- and intra-sectoral brain drain;**
- **These have implications on the quality of teaching and learning**

HEIs & SOURCES OF FUNDING

Public HEIs have the following sources of funding:

First Level – Appropriation from Government, Regular & Special Intervention - Education Trust Fund, NDDC, PTDF, IDAs,

Second level – Internally Generated Revenue (fees, other sundry charges. (largely under – reported)

Third Level – Donations, Endowments, etc. (Not much due to economic down turn)

The Total Receipts from the Federal Government Appropriation (1999 – 2009) for Federal Universities was N651,777,180,338.33 while Regular Intervention from ETF was N103,137,788,678.12. (**Special Intervention from ETF & other Agencies Niger Delta Development Corp, Petroleum Development Trust Fund, IDAs not included**)

Federal Government Appropriation*

YEAR	TOTAL FEDERAL BUDGET (N) Trillion	EDUCATION BUDGET (N) Billion	%
2009	3,445,410,000.00	226,676,000,000.00	7%
2010	N4,206,465,684.00,	271,196,102,115.00	6.45%

**Budget does not include expenditure for other Tiers of Government. Federal Education Budget includes funding for all Federal Institutions & subsectoral interventions. UBE is funded from the first charge of the Consolidated Revenue Fund. Education Trust Fund is a 2% Tax on Mega Companies/Industries*

HEIs FUNDING - FEDERAL UNIVERSITIES (1999 – 2009)

YEAR	RECURRENT	CAPITAL	TOTAL
	N	N	N
1999	10,362,430,271.98	1,469,500,000.00	11,831,930,271.98
2000	28,206,218,865.91	1,936,785,632.00	30,143,004,497.91
2001	28,419,719,502.84	4,226,691,359.00	32,646,410,861.84
2002	30,351,483,193.00	0.00	30,351,483,193.00
2003	34,203,050,936.33	0.00	34,203,050,936.33
2004	41,492,948,787.01	11,973,338,699.00	53,466,287,486.01

HEIs FUNDING - FEDERAL UNIVERSITIES (1999 – 2009)

2005	45,264,489,886.00	11,423,660,000.00	56,688,149,886.00
2006	89,195,206,559.26	7,080,757,723.10	96,275,964,282.36
2007	75,535,305,299.90	9,430,127,234.00	84,965,432,533.90
2008	93,558,110,781.00	15,402,382,798.00	108,960,493,579.00
2009	101,134,141,830.00	11,110,830,980.00	112,244,972,810.00
TOTAL	577,723,105,913.23	74,054,074,425.10	651,777,180,338.33

HEIs FUNDING - ETF ALLOCATIONS 1999 — 2010

YEAR	UNIVERSITIES	POLYTECHNICS	COLLEGES OF EDUCATION
1999	2,124,999,960.12	1,087,209,288.00	1,099,137,930.00
2000	1,050,000,000.00	450,000,000.00	520,000,000.00
2001	1,794,128,000.00	967,500,000.00	1,108,048,500.00
2002	3,243,500,000.00	1,642,500,000.00	1,742,625,000.00
2003	1,440,500,000.00	634,500,000.00	678,625,000.00
2004	1,515,750,000.00	722,750,000.00	744,625,000.00
2005	2,025,000,000.00	1,657,500,000.00	1,249,000,000.00

HEIs FUNDING - ETF ALLOCATIONS 1999 — 2010

YEAR	UNIVERSITIES	POLYTECHNICS	COLLEGES OF EDUCATION
2006	2,475,000,000.00	1,302,000,000.00	1,240,000,000.00
2007	3,659,000,000.00	1,430,000,000.00	1,579,900,000.00
2008	7,112,000,000.00	3,611,520,000.00	3,824,160,000.00
2009	6,858,000,000.00	3,472,320,000.00	3,760,920,000.00
2010	16,672,700,000.00	9,055,000,000.00	9,587,370,000.00
TOTAL	49,970,577,960.12	26,032,799,288.00	27,134,411,430.00
GRAND TOTAL			103,137,788,678.12

HEIs – General Issues

- Access/Equity – Number of HEIs not enough
- Funds & Funds Utilization – High Competing Demands
- Stable Academic Calendar – Aggressive Unionism
- Critical Infrastructure/ Facilities/Municipal Services -
- Number & Quality of Faculty – Inadequate
- Technology, Vocational Education& Training – 2nd Choice by Students/Parents
- Unpopular Disciplines - under threat of extinction
- Research & Development – weak private sector participation
- Standards & Quality Assurance – Degree/ Diploma Mills. Unaccredited Programmes

HIGHER EDUCATION STATISTICS - DATA COLLECTING AGENCIES IN NIGERIA

HEIs Statistics - generated by many Agencies in Nigeria

Tertiary Institutions

- Universities
- Colleges of Education
- Polytechnics
- National Teachers' Institute

1

HEIs Regulatory Agencies

NUC
NCCE
NBTE
JAMB
TRCN

2.

•Federal & State Ministries of Education – NEMIS/EMIS
•Development Partners

3.

National Bureau of Statistics

4.

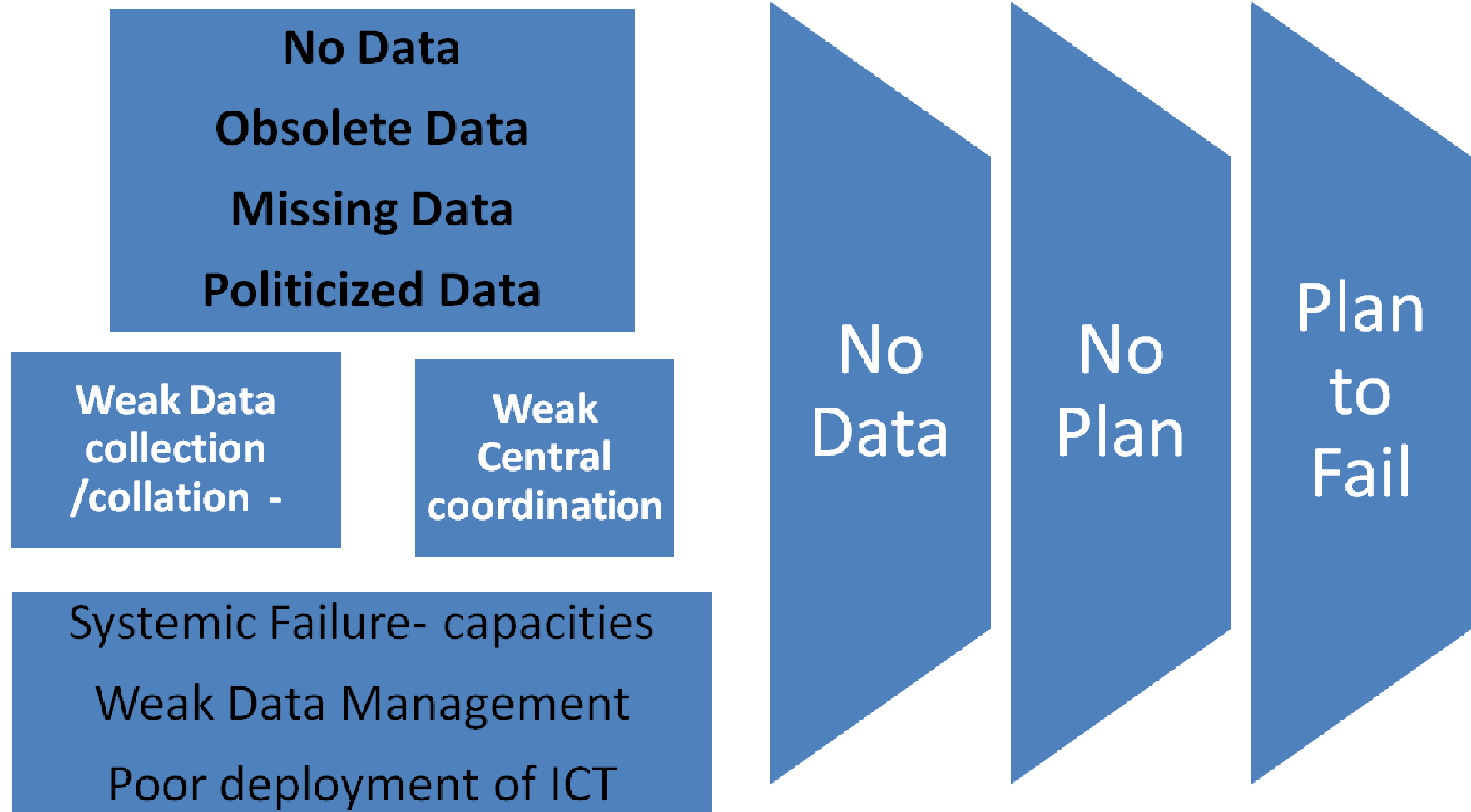
Nigeria Education Management Information System

NEMIS is an Education Data Management Information System operated at the centre by the Federal Ministry of Education, Abuja and with inputs from States and local Governments. Data such as Annual Census, HEIs Statistics etc are collated, published and kept in a Data Bank for future use. Fed Agencies more compliant & reliable on Data. www.nemis.gov.ng

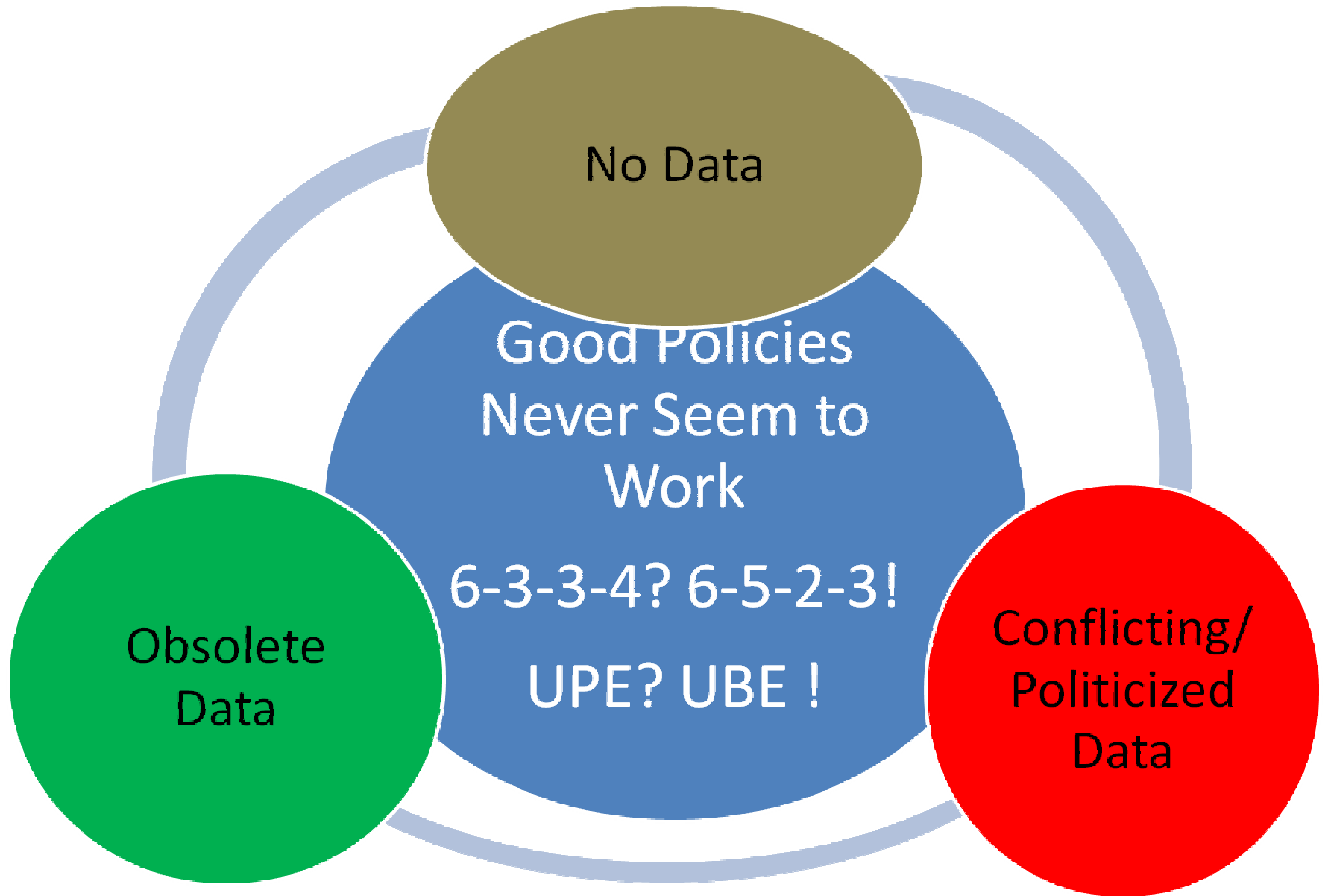


EMIS – Education Management Information System is operated by the 36 States of the Federation + FCT and other Generating Agencies of the Federal Ministry of Education. EMIS Offices are located in the States Ministries of Education and Data from the States are collected and imputed into the NEMIS Data Bank centrally controlled.

DATA – NATIONAL ISSUES & CHALLENGES



DATA – NATIONAL ISSUES & CHALLENGES



Higher Education Statistics – National Experience

Data Collection

Data Production

Quality Assurance

ISSUES

- Politics of Data - For What? From Whom? By Who?
- Regulatory Agencies determine Parameters & coordinate. HEIs submit Responses form part of a whole. Feds have high response rates
- General Data - Parameters good & Reliable but need indepth expansion
- Finance – Correctness difficult to ascertain
- Data Timeliness!!! – Unstable Academic Calendar.

- Data Production- different compliance Rates
- Storage & Use of ICT - weak
- Systemic Capacities -high turnover of Personnel
- Funding - competing Demands

- Convergence & NEMIS Data Bank - need for synergy, regular updating
- Erring States/Sector - concurrency of education in the Constitution, need for stiffer penalties;

Weak Planning & Policies

Higher Education Statistics – National Experience

ISSUES

Data Collection

- Politics of Data - For What? From Whom? By Who?
- Regulatory Agencies determine Parameters & coordinate, HEIs submit Responses which form part of a whole. Feds have high response rates
- General Data - Parameters good & Reliable but need indepth expansion due to globalization
- Finance – Correctness difficult to ascertain
- Data Timeliness!!! – Unstable Academic Calendar.
- Under/Over reporting – States are culprits -

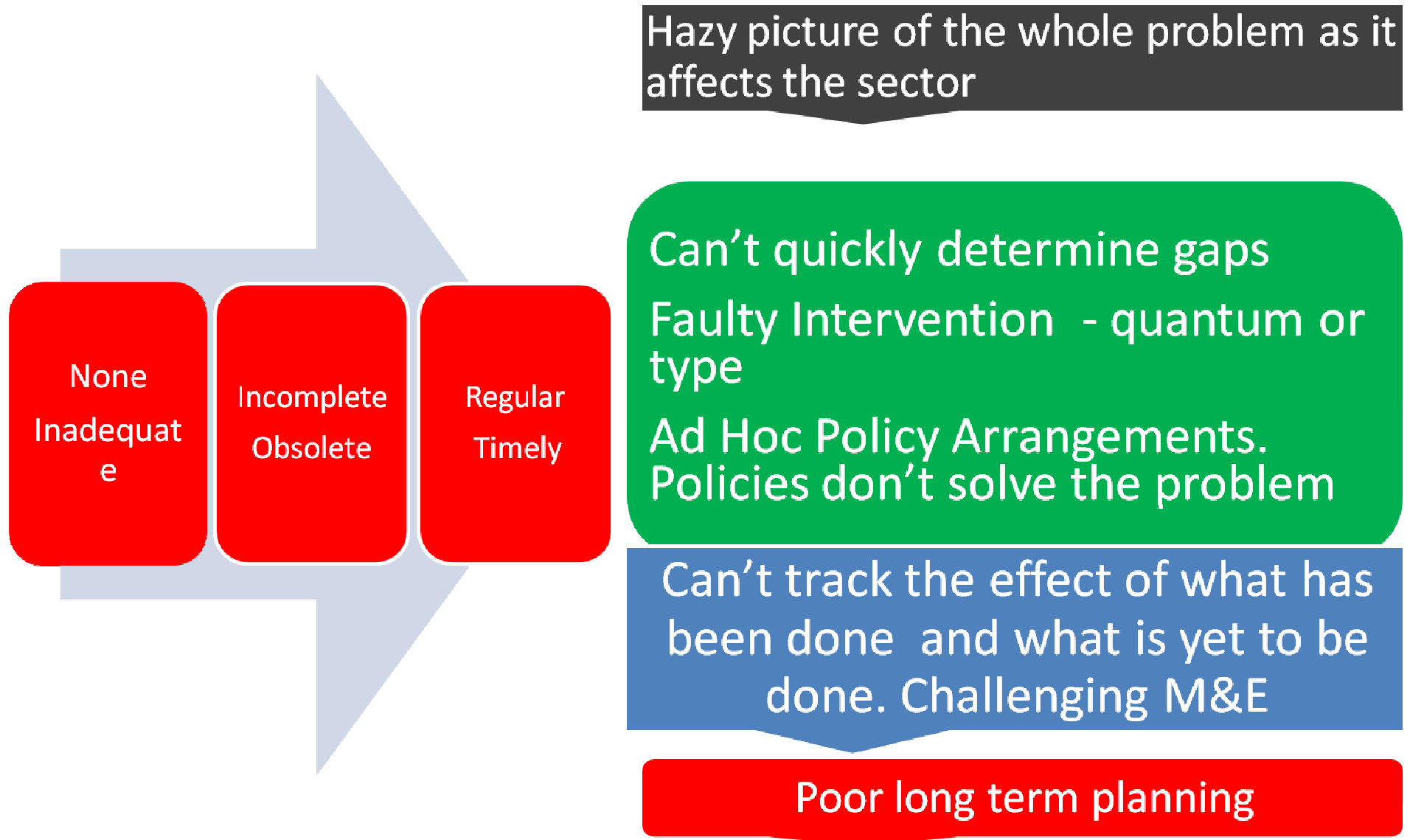
Data Production

- Data Production- different compliance Rates
- Storage & Use of ICT -weak
- Systemic Capacities -high turnover of Personnel
- Funding - competing Demands

Quality Assurance

- Convergence & NEMIS Data Bank - need for synergy, regular updating
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HIGHER EDUCATION STATISTICS – National Experience



National Education Data Management : Futuristic Outlook

**De - Politicize
Transparent
Funding**

- De – emphasize politics in data management
- Transparency in Data Management - Engage critical stakeholders constantly on benefits.
- Avoid Policy Summersault – NEMIS - it takes time to get a good result!
- Regular Funding & Judicious use of Funds

**ICT
Capacities
Plan B**

- Deployment of ICT in Data Management (Collation, Storage & Retrieval) - Explore International Partnerships
- Need for viable NEMIS Convergence Platform
- Strengthen Capacities & avoid high turn over
- Have a Fall Back Plan in Data Management in case of the inevitable

National Education Data Management : Futuristic Outlook

Synergies
Constantancy

- Tertiary Regulatory Agencies and HEIs must collaborate and agree on Time Lines for Systems Audit, Data Collection, Collation and Submission
- Ensure Regular Data Collection and give Adequate Feed Back

Feedback
Penalties
Network

- Data should produce policies or be published- Feeder Units want to see effect of their effort
- Regular Reliability Tests, Constant Monitoring & Evaluation
- Stiffer Penalties for erring Agencies/States
- ***Political will – Dare to Change the Status Quo***
- Linkages & Networking – AU, EC, UNESCO, etc

Other Websites

- www.ncceonline.org
- www.nuc.edu.ng
- www.nbte.ng

Thank You