

Vote:154 Uganda National Bureau of Standards

VI: Vote Overview

(i) Snapshot of Medium Term Budget Allocations

Table V1.1: Overview of Vote Expenditures

Billion Uganda Shillings	FY2017/18 Outturn	FY2018/19		FY2019/20 Proposed Budget	MTEF Budget Projections			
		Approved Budget	Spent by End Sep		2020/21	2021/22	2022/23	2023/24
Recurrent Wage	6.356	6.356	1.588	6.356	6.673	7.007	7.358	7.725
Non Wage	5.447	5.316	0.999	5.316	6.113	7.336	8.803	10.564
Devt. GoU	8.279	9.580	0.192	9.580	11.496	11.496	11.496	11.496
Ext. Fin.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GoU Total	20.082	21.251	2.779	21.251	24.283	25.839	27.656	29.785
Total GoU+Ext Fin (MTEF)	20.082	21.251	2.779	21.251	24.283	25.839	27.656	29.785
<i>A.I.A Total</i>	18.387	26.590	6.263	40.050	45.707	48.636	52.055	56.063
Grand Total	38.469	47.841	9.042	61.301	69.990	74.475	79.711	85.848

(ii) Vote Strategic Objective

To provide standards , measurements and conformity assessment services for improved quality of life for all.

V2: Past Vote Performance and Medium Term Plans

Performance for Previous Year FY 2017/18

BUDGET PERFORMANCE

During FY 2017/18, UNBS received UGX 38.5 billion which was allocated to implement a number of activities under its approved annual work plan. The institution achieved all its targets at 100% and exceeded its Non Tax revenue collections by UGX 1.7 billion despite a shortfall from the government grants of UGX 1.488 billion.

EXTERNAL AUDIT REPORT

UNBS obtained an unqualified audit opinion from the Office of Auditor General on the annual accounts for FY2016/17

STAFFING LEVELS

At the close of the year, the staff levels were 290 of which 26% are women. This however represents 45% of the required 640 staff and forms the number one challenge for scaling up service delivery to Ugandans.

STANDARDS DEVELOPMENT

The Uganda National Bureau of Standards (UNBS) developed a total of 254 national standards . Out of 254 standards, 76 standards are compulsory standards because they are concerned with safety of consumers and the environment. Of the approved standards, 43 were for Food and Agriculture, 48 of them cover Management and Services, 111 standards cover Chemicals and Consumer products, while 52 are in Engineering sector.

The standards developed in the FY 2017/18 contribute to government efforts to promote locally manufactured products under the Buy Uganda, Build Uganda (BUBU) policy especially with standards for school clothing wear and furniture such as wooden door shutters and dining tables.

PRODUCT/SYSTEM CERTIFICATION

849 products and systems permits were granted against the set target of 820 most targeting MSMEs. The Bureau continued to support MSMEs in order to have the products exported within the region by granting them the quality mark, which is a requirement under the East African Community. The Quality Mark also provides consumers with assurance that products meet standard requirements, are safe and fit for purpose.

30 organizations' quality management and food safety management systems were certified to enhance product/service quality and food safety in order to access international markets. 8 laboratories were assisted to develop competence and implement good laboratory practices in order to expand testing capacity available to industry to test their products for compliance to standards. 256 MSMEs, mainly in agro-processing, were supported to implement standards and Good Manufacturing & Hygiene Practices. 12 MSME products were certified to enable market access. 66

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stakeholders engagements were undertaken. 35 trainings in Good Manufacturing/Hygiene Practices (GMP/GHP practices) and implementation of standards – product and HACCP, ISO Management System standards - were conducted.

To date 353 companies with 1,150 permits are on the UNBS certification scheme. Of these 92% are run by men, 6% by women and 2% by the youth. Further to this, out of the 1150 permits, 888 are from Central region, 122 from East, 17 from the North and 19 are offshore permits.

Mandatory certification as part of UNBS efforts to promote competitiveness of the local products in regional and international markets and support the BUBU Policy but also to safeguard public health, safety, and the environment from products that do not meet the standards, UNBS has come up with a new regulation: “Use Distinctive Mark Regulations, 2018” Under the new regulation, all products covered by compulsory standards must be certified with the UNBS Distinctive Mark (Q-Mark) before they are allowed on the market.

LABORATORY TESTING

14,472 samples were tested against the set target of 11,000 product samples. The Bureau also embarked on testing of energy meters to provide quality assurance in the sector. The laboratory continued to test samples for compliance to standards for both the regulatory function of UNBS as well as the certification process of MSMEs including exports.

UNBS has also opened up this testing function to other government and private laboratories that have been assessed and recognized by UNBS to boost the testing capacity to meet the large volumes of samples to be tested. To date, 8 laboratories are assisting UNBS in undertaking laboratory analysis with their results being recognized and used by UNBS. These include among others: UIRI, GAL, Chemiphar etc.

IMPORTS INSPECTION FUNCTION

133,517 consignments were inspected against planned inspection of 120,000. The increase was largely due to increased compliance to the PVOC program that requires imports to be inspected from their countries of export before entering Uganda. This is to ensure that Uganda is not a dumping ground for substandard products which are detrimental to health and safety of both consumers and the environment, and promotion of fair trade.

MARKET SURVEILLANCE

2,278 outlets were inspected against the set target of 2,000. UNBS carries out regular market inspections to ensure that traders are selling quality products in right quantities. The UNBS market surveillance team seized 413 metric tonnes of goods worth Shs3.5 billion. The seized goods would have otherwise been detrimental to the health and safety of consumers.

MEASUREMENT SYSTEMS (METROLOGY)

UNBS calibrated 2,233 industrial equipment against a planned target of 2,000 from over 350 large, Medium, Small & Micro companies, academic and research institutions, testing and Medical Laboratories, Regulatory bodies and authorities. These calibrations have enabled a number of large, medium, small and micro firms to effectively control manufacturing processes and meet certification requirements, in support of industrial development and export promotion in the sectors of construction, beverages, foods etc.

Verification of Weights and Measures

848,456 equipment used in trade were verified against a set target of 595,348. This is geared at promoting fair trade within the market place.

PUBLIC AWARENESS AND CONSUMER EDUCATION

The Bureau continued to engage with stakeholders to create awareness and increase compliance with quality and safety standards. Conducted 479 media stories in print, radio, TV and online against a target of 212 media stories. Participated in 408 radio talk shows, 25 TV talk shows. Majority of the talk shows were free government airtime.

Under Stakeholder engagements, School outreach programme was kick-started which resulted in reaching 1,872 students from 29 schools and 7 districts to raise awareness on the need for standards and quality products. A consumer awareness forum was held to raise and it attracted over 200 participants.

DECENTRALISATION OF UNBS SERVICES

UNBS decentralized its services of Certification and Market Surveillance to regional offices in Gulu, Mbale and Mbarara effective July 2018 in an effort to bring services closer to its clients. This will further promote production of good quality products by Micro Small and Medium Scale Enterprises (MSMEs) at regional level thereby contributing to the government’s effort of promoting industrialization of the economy while UNBS continues to protect consumers and the environment from dangerous substandard products.

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Performance as of BFP FY 2018/19 (Performance as of BFP)

STANDARDS DEVELOPMENT

46 Final Draft Uganda Standards have been developed awaiting approval by the National Standards Council. These standards help to create competitive products, facilitate design and manufacture, rationalize process and operations, facilitate trade and simplify communication and trade

PRODUCTS AND SYSTEMS CERTIFICATION

213 certification permits issued against a planned target of 520. 205 were product certification permits and 8 were System certification permits. 20 stakeholders were trained.

43 MSMEs visited UNBS for onsite assistance and gap analysis.

There was sensitization of District Commercial Officers in Western Uganda about distinctive mark regulation, UNBS services and opening up of regional offices to offer Certification and Market surveillance services to rid the market of substandard goods thereby protecting consumer health and safety.

UNBS participated in SMEs exhibition particularly in the Sheema Agribusiness 1st Expo organized by Sheema district at Arch View Motel gardens, Sheema district. The exhibition was attended by 50 exhibitors. SMEs dealing in wine making and honey packing. The objective of the exhibition was to enable SMEs access information regarding certification procedure and requirements for certification of products.

UNBS further participated in sub-regional consultative meeting with agro-based SMEs organized by SEATINI (Southern and Eastern African Trade Information and Negotiation Institute) in Gulu. This was to understand challenges faced by SMEs and quality issues were amongst the challenges faced.

LABORATORY TESTING

4353 product samples were tested against a set target of 3750. Of the 4353 samples, 2227 samples were tested in the chemistry Lab, 321 samples in the electrical lab, 716 samples in the materials lab and 1089 samples in the microbiology

IMPORTS INSPECTION

35,990 consignments were inspected.

MARKET SURVEILLANCE

786 market outlets were inspected against a set target of 1275. Of the 786 inspections done, 272 were in Central region, 30 in Eastern region, 51 inspections in Northern, 76 Inspections in Western Uganda. In addition, 106 inspections were done in supermarkets, 167 inspections in shops and distribution outlets, 68 in factories, 64 in hardware shops, and 24 in ICDs.

LEGAL METROLOGY

231,335 equipment were verified against a set target of 2,763. Two bulk Measures Units were established at border entry points (Malaba & Busia). This increased the coverage of mass tank trucks(Bridger).

NATIONAL METROLOGY LABORATORIES

872 equipment were calibrated. 77% of the equipment calibrated were in Central region, 10% in Eastern region, 4% in Northern and 9% Western region. The calibrations covered the following sectors; Agriculture and Forestry, Aviation and Transportation, Construction and Engineering, Government Ministries, Departments and Agencies (MDAs), Laboratory and Equipment suppliers, Manufacturing and processing, Pharmaceuticals, Research and Health Services.

PUBLIC AWARENESS AND CONSUMER EDUCATION

Stakeholder Engagement: Organized and participated in 8 stakeholder engagement meetings and events. Carried out media training in Gulu facilitated by an external facilitator from African Centre for Media Excellence.

Participated in 12 radio and 4 Television talk shows focusing on UNBS Distinctive Mark.

FY 2019/20 Planned Outputs

400 standards developed (1.126Bn)

185,000 import consignments inspected (1.080Bn).

3,500 certification permits issued (product and management systems)(1.756Bn)

20,000 product samples tested (2.244Bn).

6,000 market inspections conducted (0.898Bn).

4,000 equipment calibrated (0.988Bn).

1,326,000 weighing instruments verified (2.811Bn).

Medium Term Plans

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- i. Continue to scale up UNBS' capacity and collaboration with other MDAs and Private sector to reduce substandard goods on the market.
- ii. Enhance laboratory testing of imported and locally manufactured goods as well as exports by equipping and accreditation of new laboratories under construction (Food safety, Metrology & Engineering)
- iii. Recruitment of additional 100 staff per year where at least 30% are females. This will enable the Bureau to man all entry points and provide tailored services to the vulnerable groups like SMEs , and support outreach through the decentralization program.
- iv. Enhancement of decentralization of all UNBS services to all the regional offices for improved service delivery and outreach to stakeholders.
- v. Scaling up the registration and certification of MSMEs in all regions.
- vi. Support to BUBU, SGR and other Government programs.

Efficiency of Vote Budget Allocations

Completion of Food safety laboratories; Micro Biology and Chemistry laboratories which were allocated Ugx 6.3Bn will increase quality infrastructure in the country . The structures will enable UNBS to install state of the art machinery which will enable analysis of many parameters concurrently hence reducing turn around time and cost of doing business . This will further enable the Bureau to absorb the current pressures created by BUBU policy and increased demand due to increase in compliance across the industry sector.

Vote Investment Plans

- Construction of laboratory infrastructure (National Metrology Laboratory) (6.3bn)
- Procurement of assorted ICT equipment and software (2bn)
- Procurement of assorted laboratory specialized machinery and equipment (2.5bn)
- Procurement of assorted furniture and fittings (0.45bn)
- Procurement of 7 field vehicles (1.4bn)

Major Expenditure Allocations in the Vote for FY 2019/20

- i. Staff related costs
- ii. Completion of Food safety Laboratories and construction of National Metrology Laboratory.
- iii. Operating costs
- iv. Capital Development costs

V3: PROGRAMME OUTCOMES, OUTCOME INDICATORS AND PROPOSED BUDGET ALLOCATION

Table V3.1: Programme Outcome and Outcome Indicators

Vote Controller :							
Programme :	06 Standards Development, Promotion and Enforcement						
Programme Objective :	To provide standards, measurements and conformity assessment services for improved quality of life for all.						
Responsible Officer:	Dr. Ben Manyindo						
Programme Outcome:	Efficient and effective UNBS						
<i>Sector Outcomes contributed to by the Programme Outcome</i>							
N / A							
	Performance Targets						
Programme Performance Indicators (Output)	2017/18 Actual	2018/19 Target	Base year	Baseline	2019/20 Target	2020/21 Target	2021/22 Target
N / A							
Programme Outcome:	Fair trade and consumer protection						
<i>Sector Outcomes contributed to by the Programme Outcome</i>							
1. Increased productivity in the manufacturing industry.							

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Programme Performance Indicators (Output)	Performance Targets						
	2017/18 Actual	2018/19 Target	Base year	Baseline	2019/20 Target	2020/21 Target	2021/22 Target
• Level of prevalence of substandard imported and locally produced products on the Ugandan Market		54%			50%	45%	40%
• Number of Ugandan certified products accessing Regional International Markets		3,000			3,500	3,675	3,858

Table V3.2: Past Expenditure Outturns and Medium Term Projections by Programme

Billion Uganda shillings	2017/18	2018/19		2019-20	MTEF Budget Projections			
	Outturn	Approved Budget	Spent By End Q1	Proposed Budget	2020-21	2021-22	2022-23	2023-24
Vote :154 Uganda National Bureau of Standards								
06 Standards Development, Promotion and Enforcement	20.042	21.251	2.779	21.251	24.283	25.839	27.656	29.785
52 Quality Assurance and Standards Development	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total for the Vote	20.042	21.251	2.779	21.251	24.283	25.839	27.656	29.785

V4: SUBPROGRAMME PAST EXPENDITURE OUTTURNS AND PROPOSED BUDGET ALLOCATIONS

Table V4.1: Past Expenditure Outturns and Medium Term Projections by SubProgramme

Billion Uganda shillings	2017/18	FY 2018/19		2019-20	Medium Term Projections			
	Outturn	Approved Budget	Spent By End Sep	Proposed Budget	2020-21	2021-22	2022-23	2023-24
<i>Programme: 06 Standards Development, Promotion and Enforcement</i>								
01 Headquarters	11.763	11.672	2.587	11.672	12.787	14.343	16.161	18.289
0253 Support to UNBS	8.279	9.580	0.192	9.580	11.496	11.496	11.496	11.496
Total For the Programme : 06	20.042	21.251	2.779	21.251	24.283	25.839	27.656	29.785
<i>Programme: 52 Quality Assurance and Standards Development</i>								
Total For the Programme : 52	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total for the Vote :154	20.042	21.251	2.779	21.251	24.283	25.839	27.656	29.785

N / A

Table V4.3: Major Capital Investment (Capital Purchases outputs over 0.5Billion)

FY 2018/19		FY 2019/20
Appr. Budget and Planned Outputs	Expenditures and Achievements by end Sep	Proposed Budget and Planned Outputs
Vote 154 Uganda National Bureau of Standards		
Programme : 06 Standards Development, Promotion and Enforcement		
Project : 0253 Support to UNBS		

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Output: 72 Government Buildings and Administrative Infrastructure

Food safety Laboratories (Micro-Biology and Chemistry) constructed	Construction of Laboratories is ongoing and is at 38.9% completion of Physical works. sample reception is at plastering level, 50% plaster done, first fixes for electrical and plumbing at 100%. Main building is at 100% block work, 60% roofing, 80% first fixes for electrical and mechanical.	Food safety Laboratories completed and National Metrology Laboratory (NML) construction started	
Total Output Cost(Ushs Thousand):	6.000	0.012	6.300
Gou Dev't:	5.470	0.000	5.470
Ext Fin:	0.000	0.000	0.000
A.I.A:	0.530	0.012	0.830

Output: 75 Purchase of Motor Vehicles and Other Transport Equipment

3 station wagons, 3 field vehicles (double cabins), and 2 Motorcycles procured	Initiated Payment for the Vehicles in IFMS and expected delivery before end of October.	7 Field vehicles procured to support market surveillance and certification.	
Total Output Cost(Ushs Thousand):	1.400	0.000	1.400
Gou Dev't:	1.400	0.000	1.400
Ext Fin:	0.000	0.000	0.000
A.I.A:	0.000	0.000	0.000

Output: 76 Purchase of Office and ICT Equipment, including Software

40 Desktop computers 20 smart. Phones/Tablets. Software purchase of Data bases. 3 projectors. Electronic Document Management system (EDMS). One DR Backup site. 9 Networked UNBS sites. Manufacturers E-Registration	Contracts signed for procurement of 25 desktop computers, 30 laptops and projectors. Delivery expected in second quarter. Procurement is ongoing for Networking sites, and E-registration. These are expected in the second quarter. EDMS is pending a document management policy.	50 Laptops 39 Printers 40 systems of servers Networking 9 UNBS sites Firewall 4 tablets 6 mobile projectors Ms Exchange server upgrade E-Procurement System Queue management system System Data Center & Desktop Standardization Two way radio comm system	
Total Output Cost(Ushs Thousand):	1.000	0.000	2.000
Gou Dev't:	1.000	0.000	1.000
Ext Fin:	0.000	0.000	0.000
A.I.A:	0.000	0.000	1.000

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Output: 77 Purchase of Specialised Machinery & Equipment

Electricity Meters Test Bench. 3-Phase voltage stabilizer. Calibration of master meter Elcometer 2 Digital Vernier calipers. 2 Digital Micrometer screw gauges 4 tape measures 2 Lazer beam operated thermometers 2 Digital cameras Assorted items	Procurement process was completed and delivery is expected in the second quarter.	Field Kits for Testing and Measurements OES with accessories for testing steel Stainless Steel Ref prover cap 200L Fractional weights 10kg Mass Standards M2 Customized Electronic Balances Class II Electrical safety analyzer Roller weights	
Total Output Cost(Ushs Thousand):	1.500	0.139	2.500
Gou Dev't:	1.500	0.139	1.500
Ext Fin:	0.000	0.000	0.000
A.I.A:	0.000	0.000	1.000

V5: VOTE CHALLENGES FOR 2019/20 AND ADDITIONAL FUNDING REQUESTS

Vote Challenges for FY 2019/20

Inadequate staff

The number one challenge of the Bureau is inadequate staff to implement its mandate of trade facilitation and consumer protection (Standards Enforcement). There are currently only thirteen (13) staff under the function of Market Surveillance activities for the entire country; forty (40) staff under Imports Inspection function to man all the 170 border entry points; twenty (20) staff under verification of Weights and Measures for all trading enterprises, thirty (30) staff in the Laboratories to test all MSMEs products on the market and ten (10) staff under the Calibration Function for industrial measurements

Limited support to MSMEs (BUBU& Industrialization policy)

It is now a legal requirement to have all products that fall under mandatory standards to be marked with a Distinctive Mark (Q-mark) effective July 2018. However there are many of these products being produced by MSMEs and sold on the market without compliance to this requirement, hence putting the public at risk.

H.E the President has always noted the need to assist the enterprises to have their products certified. The challenge has been the public perception that the cost of certification is high. This is largely due to product testing costs and of course due lack of adequate sensitization and awareness.

Equipment for newly constructed laboratories

The Bureau is currently constructing modern Food safety laboratories at its headquarters in Bweyogerere which are expected to be completed by August 2019. Additional equipment for testing the products commonly produced by MSMEs such as juices, water, alcohol, soaps, cosmetics, confectioneries, maize flour etc. are needed to cater for the high volumes of samples expected to be tested a number of times before compliance is attained. The equipment is also needed to test imports that contribute to the level of substandard goods on the market.

Limited Market Surveillance monitoring and enforcement

There is need to scale up the Market Surveillance activities to rid the market of substandard goods whose prevalence is currently estimated at 54%. Currently UNBS has decentralized its Market Surveillance services to Gulu, Mbale and Mbarara. The three offices need additional staff, equipment, storage facilities and field vehicles to support their activities. The team are also required to interface with Local Government authorities and District Commercial Officers to sensitize the public on the dangers of consuming or using substandard products. This outreach requires radio programs, print media presence, workshops and seminars to support the enforcement programs.

Inadequate ICT infrastructure support

The Bureau is adopting e-governance and is currently automating all its core processes and services to make them simple, faster and transparent so that they can effectively support improved service delivery to the various stakeholders. These services are already accessing services through UNBS ICT Applications such Certification Information Management System (CIMS), Laboratory Information Management System (LIMS) and Electronic Portal which is linked to URA ASYCUDA World for Imports clearance. There are also other Online Help Applications which are to be rolled out in due course

Table V5.1: Additional Funding Requests

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Additional requirements for funding and outputs in 2019/20	Justification of requirement for additional outputs and funding
Vote : 154 Uganda National Bureau of Standards	
Programme : 06 Standards Development, Promotion and Enforcement	
OutPut : 02 Development of Standards	
Funding requirement US\$ Bn : 28.000	Enhance Capacity for quality Monitoring and Enforcement.
OutPut : 03 Quality Assurance of goods & Lab Testing	
Funding requirement US\$ Bn : 11.000	It is now a legal requirement to have all products that fall under mandatory standards to be marked with a distinctive mark (Q-mark) effective July 2018. However there are many of these products being produced by MSMEs and sold on the market without compliance to this requirement, hence putting the public at risk.
OutPut : 76 Purchase of Office and ICT Equipment, including Software	
Funding requirement US\$ Bn : 6.000	UNBS is leveraging on IT to provide E-Services for enhanced service delivery .Automation requires continuous investment in ICT Hardware and Software
OutPut : 77 Purchase of Specialised Machinery & Equipment	
Funding requirement US\$ Bn : 5.000	Additional equipment for testing the products commonly produced by MSMEs such as juices, water, alcohol, soaps, cosmetics, confectionaries, maize flour etc. are needed to cater for the high volumes of samples expected to be tested a number of times before compliance is attained. The equipment is also needed to test imports that contribute to the level of substandard goods on the market as well as support exports from various value chains