

# UGANDA NATIONAL BUREAU OF STANDARDS



## FY 2018/19 STATISTICAL ABSTRACT

**Uganda National Bureau of Standards,**

P.O Box 6329 Kampala, Uganda

Tel: 0417333250 / 0417333251 / 0417333252

Fax: +256-414-286123

Email: [info@unbs.go.ug](mailto:info@unbs.go.ug)

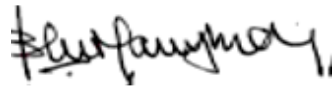
Website: <https://www.unbs.go.ug>

## Foreword

This is the third edition of the UNBS statistical abstract produced by the Corporate planning Division annually.

The UNBS statistical abstract covers information on developments in the standardization activities carried out by the Bureau. This publication covers statistics that are collected within the Bureau during the course of normal operations (administrative data). While a considerable part of these statistics is also available in other publications, those that are included in this abstract provide greater detail and coverage. The UNBS statistical abstract therefore is one of the Bureau's efforts aimed at enhancing data dissemination to the public, and provide demand driven statistics about standardization activities.

The Bureau welcomes feedback on this publication and other statistics disseminated such as those on the UNBS website. We hope that this publication will greatly benefit its users.



Dr Ben Manyindo

EXECUTIVE DIRECTOR

UGANDA NATIONAL BUREAU OF STANDARDS

## Table of Contents

Foreword.....	i
Statistical tables.....	iii
List of figures.....	iv
List of Acronyms.....	v
Glossary.....	vi
Executive summary.....	vii
Chapter 1: Standards development.....	1
Chapter 2: Measurements.....	4
2.1 Legal Metrology.....	4
2.2 National Metrology Laboratory.....	5
Chapter 3: Conformity Assessment.....	8
3.1 Imports inspection.....	8
3.2 Laboratory Testing.....	9
3.3 Certification.....	10
3.4 Market Surveillance.....	11
Chapter 4: Management and Financial services.....	12
4.1 Finance.....	12
4.2 Human resource.....	13
4.3 Information Technology.....	14
4.4 Public relations and marketing.....	15
Chapter 5: National Standard Indicator framework (NSI).....	16

## Statistical tables

Table 1 UNBS Key performance indicators.....	vii
Table 2 Standards Developed.....	1
Table 3 Standards Development Details .....	2
Table 4 Standards Development Activities.....	3
Table 5 Legal Metrology- Weights and measures .....	4
Table 6 National Metrology Laboratory- Calibration of Equipment.....	6
Table 7 Samples Tested.....	9
Table 8 Certification Activities.....	10
Table 9 Market surveillance Activities.....	11
Table 10 Funding.....	12
Table 11 Non Tax revenue sources .....	13
Table 12 Staff distribution .....	13
Table 13 ICT systems Developed.....	14
Table 14 Public relations and Marketing.....	15
Table 15 National standard Indicators .....	16
Table 16 UNBS Output indicaors .....	17
Table 17 UNBS intermediate outcome indicators .....	19

**List of figures**

Figure 1 Number of standards Developed .....1  
Figure 2 Number of Equipment verified.....4  
Figure 3 Number of Equipment Calibrated .....6  
Figure 4 Number of Import consignments inspected .....8  
Figure 5 Number of product samples tested .....9  
Figure 6 Number of certification permits issued.....10  
Figure 7 Number of Market outlets inspected .....11  
Figure 8 Funding.....12

## List of Acronyms

ARSO	African Organization for Standardization
COC	Certificate of Conformity
COMESA	Common Market for Eastern and Southern Africa
CRW	Certificate of Roadworthiness
EAC	East African Community
EAS	East African Standard
F&A	Finance and Administration
GOU	Government of Uganda
HRD	Human resource department
HRIMS	Human resource information management system
ICT	Information communication technology
IEC	International Electrotechnical Commission
ISO	International organization for standardization
LIMS	Laboratory information management system
NCR	Non-Conformity Report
NML	National metrology Laboratory
NSI	national standard Indicator
NSS	National statistical system
NTR	Non Tax revenue
PNSD	Plan for national statistical development
PT	Proficiency testing
PVoC	Pre-Export Verification of Conformity
SIMS	Standards Information Management System
SME's	Small and Medium-sized Enterprises
TC	Technical committee
UNBS	Uganda National Bureau of Standards
US	Uganda standard

## Glossary

Accreditation	This is the process in which certification of competency, authority, or credibility is presented
Certification	Issuance of a certificate or mark (or both) by a third party to demonstrate that a specific product meets a defined set of requirements such as safety, fitness for use and/or interchangeability characteristics for that product, usually specified in a standard
CODEX Alimentarius	This is a collection of internationally recognized standards, codes of practice, guidelines, and other recommendations relating to foods, food production, and food safety.
Consignment	This refers to a batch of goods destined for or delivered to someone to be sold.
Corrective Actions	These are improvements to an organization's processes taken to eliminate causes of non-conformities or other undesirable situations.
Imports	These refer to goods brought into a jurisdiction, especially across a national border, from an external source.
Inspection	Critical appraisal involving examination, measurement, testing, gauging, and comparison of materials or items. An inspection determines if the material or item is in proper quantity and condition, and if it conforms to the applicable or specified requirements.
Legal metrology	Application of legal requirements to measurements and measuring instruments.
Product Permits	A certificate or mark (or both) issued by a third party to demonstrate that a specific product meets a defined set of requirements such as safety, fitness for use and/or interchangeability characteristics for that product, usually specified in a standard
Standard	A document, established by a consensus of subject matter experts and approved by a recognized body that provides guidance on the design, use or performance of materials, products, processes, services, systems or persons

## Executive summary

This publication presents various statistics generated by UNBS during the process of execution of her mandate which is to provide standardization and metrology services to industry and consumer protection. The data provided is mainly administrative data, that is corrected on a routine basis.

UNBS has 2 national standard indicators, whose data is required frequently and include;

1. Level of prevalence of substandard imported and locally produced products on the Ugandan Market.
2. Number of Ugandan certified products accessing Regional International Markets.

UNBS also has output indicators that are reported on and include;

1. Number of standards developed.
2. Number of product samples tested.
3. Number of certification permits issued.
4. Number of market outlets inspected.
5. Number of equipment verified.
6. Number of import consignments inspected.
7. Number of equipment calibrated.

*Table 1 UNBS Key performance indicators*

Key Performance Indicator	2014/15	2015/16	2016/17	2017/18	2018/19
Number of standards developed	466	451	355	254	414
Number of samples tested	9,526	9,883	12,439	14,472	17,770
Number of equipment calibrated	1,359	1,709	2,677	2,233	3,538
Number of certification permits issued	562	718	941	849	1,378
Number of market outlets inspected	1,153	1,093	1,128	2,278	6,646
Number of equipment verified	720,764	706,939	757,551	848,456	1,000,787
Number of profiled import consignments inspected	80,648	99,980	118,467	133,517	154,196



## Chapter 1: Standards development

One of the core function of Uganda National Bureau of standards is to develop and promote national standards. As of end of FY 2018/19, 3,622 standards were in stock. The major objectives of the function include;

1. Develop and gazette standards in line with national needs and priorities and to maintain relevant data for standardization
2. Improve the collaboration with and awareness among stakeholders to participate in standards development and enhance uptake and implementation of standards for the benefit of society
3. Provide an efficient information service on standardization and related matters

Figure 1 Number of standards Developed

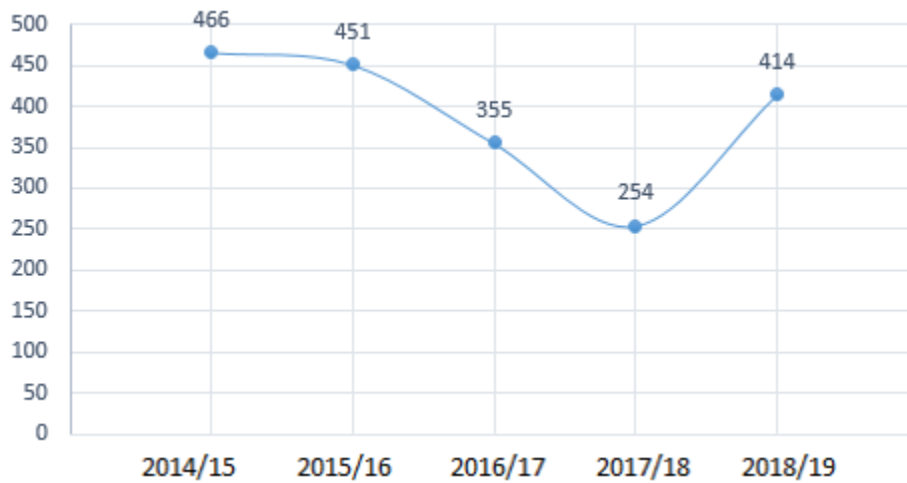


Table 2 Standards Developed

Standards Development Categories	2014/15	2015/16	2016/17	2017/18	2018/19
Engineering	143	180	60	52	62
Food and Agriculture	133	109	99	43	96
Chemicals and consumer products	128	107	124	111	212
Management systems and services	62	55	72	48	34

Table 3 Standards Development Details

Administrative units	Indicator description		Jul-14	2014/15	2015/16	2016/17	2017/18	2018/19
<b>Engineering</b>	No. of standards adopted	ISO	261	89	117	34	15	39
		IEC	0	19	33	0	0	0
	No. of regional standards (EAS)		0	34	5	5	6	0
	No. of indigenous standards (US)		13	1	15	20	31	23
	No. of withdrawn standards		23	48	52	8	7	13
<b>Food and Agriculture</b>	No. of standards adopted	ISO	6	79	55	43	22	39
		CODEX	84	0	34	5	7	4
	No. of regional standards (EAS)		0	29	13	29	0	21
	No. of indigenous standards (US)		0	25	8	22	14	32
	No. of withdrawn standards		3	72	11	22	12	47
<b>Chemicals and consumer products</b>	No. of standards adopted (ISO)		25	105	97	60	35	52
	No. of regional standards (EAS)		2	16	7	11	0	68
	No. of indigenous standards (US)		13	7	2	53	52	92
	No. of withdrawn standards		4	30	14	12	9	33
<b>Management systems and services</b>	No. of standards adopted (ISO)		41	55	55	71	27	11
	No. of regional standards (EAS)		0	0	0	0	0	0
	No. of indigenous standards (US)		1	7	0	1	21	23
	No. of withdrawn standards		0	4	5	22	0	1

Table 4 Standards Development Activities

Activity	2015/16	2016/17	2017/18	2018/19
<b>Objective: Develop and gazette standards in line with national needs and priorities</b>				
<b>Standards development</b>				
Approved Uganda Standards	451	357	254	414
Harmonized East African Standards	25	45	44	89
New work items (NWI) requests	351	671	714	650
<b>Meetings</b>				
Technical Committee meetings	52	95	200	180
EASC TC meetings	10	26	32	27
ARSO	3	5	5	5
ISO/IEC/CAC TC meetings	27	41	13	20
Other Local, regional or international meetings		5	16	12
<b>Notifications</b>				
National gazettes and publications	2	2	2	2
World trade organization notifications	27	232	215	397
<b>Objective: Improve collaboration with and create awareness among stakeholders to participate in standards development and enhance up take and implementation of standards</b>				
National meetings	91	184	262	289
EAC Meetings/workshops/seminars				
ARSO				
COMESA				
ISO/IEC/CAC				
<b>Objective: Provide an efficient information service on standardization and related matters</b>				
Information materials identified and collected	4,100	3,904	4,229	6,517
Information materials withdrawn from the collection		1,116	664	1,317
Client who accessed and obtained information on standardization and related matters		996	1,039	2,232
Provision of information at UIA One stop Centre		135	102	75
Sale of standards		1,688	1,312	2,012
<b>Objective: Other activities relevant for standardization</b>				
Staff training	11	8	18	30

## Chapter 2: Measurements

### 2.1 Legal Metrology

UNBS implements the Weights and Measures Law (Cap 103) of the Laws of Uganda. The main objective is to ensure that the equipment used for trade is verified for correct measurements and accuracy at regular intervals as required by the Law and therefore protects society from the consequences of wrong measurements.

Figure 2 Number of Equipment verified

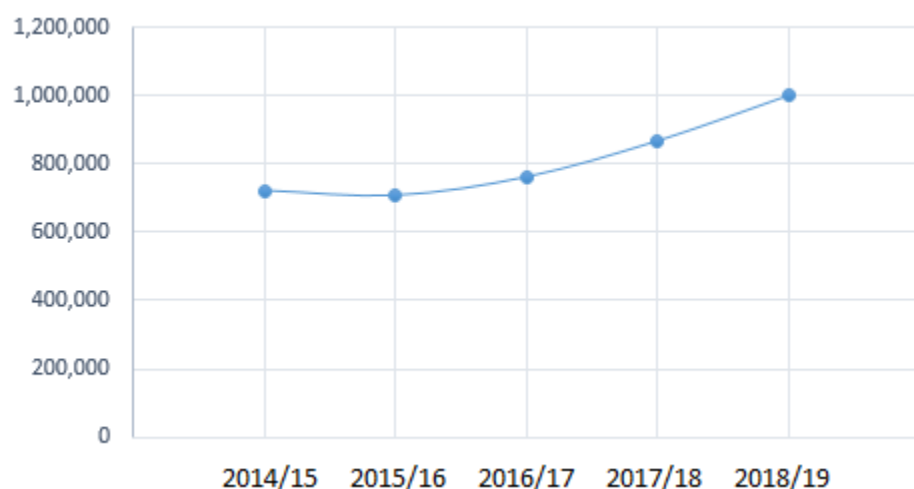


Table 5 Legal Metrology- Weights and measures

Indicator description	2014/15	2015/16	2016/17	2017/18	2018/19
<b>Counter Machines</b>					
Kampala	65,857	63,967	60,106	71,507	75,152
Jinja	26,973	23,550	25,552	28,506	32,885
Mbale	12,680	14,544	18,288	19,131	18,487
Mbarara	13,374	14,227	15,434	14,838	13,167
Lira	2,195	2,615	3,288	2,812	5,100
<b>Spring Balances</b>					
Kampala	1,919	1,967	1,390	1,497	1,511
Jinja	1,253	1,087	852	994	1,030
Mbale	648	738	601	824	829
Mbarara	1,940	1,969	2,238	1,947	1,856
Lira	950	1,122	1,057	949	1,257
<b>Plat Form Scales</b>					
Kampala	1,776	2,511	1,786	2,225	2,261

Jinja	315	372	292	292	373
Mbale	186	413	319	611	459
Mbarara	453	473	603	571	872
Lira	152	202	207	158	337
<b>Weights</b>					
Kampala	297,669	286,184	310,098	351,127	342,075
Jinja	133,795	115,695	128,370	133,651	153,074
Mbale	63,015	72,590	73,391	94,987	94,375
Mbarara	66,831	68,732	74,950	79,862	68,224
Lira	10,039	12,965	16,647	12,927	18,300
Fuel Dispensers	13,526	14,480	14,731	15,238	15,743
Pressure Gauges	337	337	337	323	467
Road Tankers	624	1,348	1,702	3,052	2,151
Bulk Measures	260	305	264	292	266
Static Tanks	330	357	463	416	823
Consumer goods	3,855	4,189	4,585	4,940	5,510
Electric Meters	-	-	3,689	23,624	144,471
<b>Total</b>	<b>720,952</b>	<b>706,939</b>	<b>761,240</b>	<b>867,301</b>	<b>1,001,055</b>

## 2.2 National Metrology Laboratory

The UNBS NML handles both scientific and industrial measurements. The role of the laboratory is to maintain the primary measurement standards and ensure that all measurements performed in the country in all spheres and fields of life are comparable, linked and traceable to the International System of units (SI).

This in turn helps to support fair trade, interoperability, technological development and transfer. Accurate measurements in process controls of factors like temperature, dimensions and mass have greatly contributed to the quality of Ugandan products and their acceptability in the region and internationally.

Figure 3 Number of Equipment Calibrated

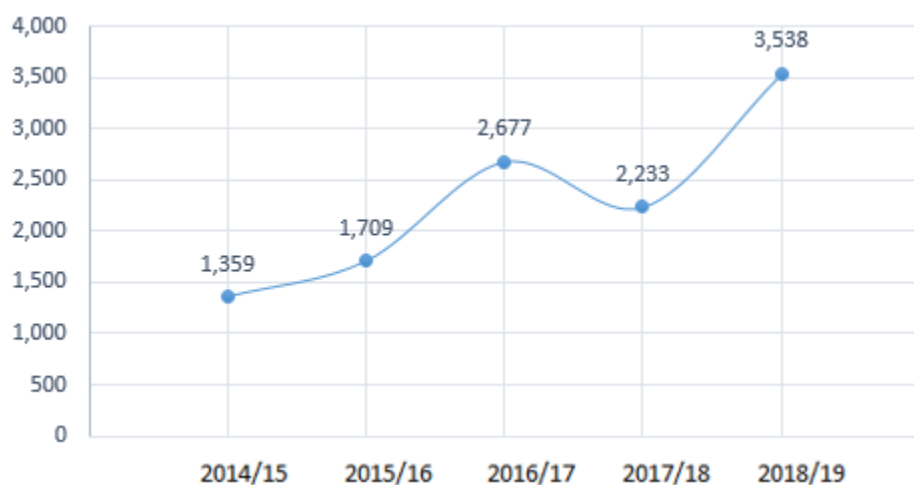


Table 6 National Metrology Laboratory- Calibration of Equipment

Description	2014/15	2015/16	2016/17	2017/18	2018/19
<b>Mass</b>					
<b>Balances/scales</b>					
Weigh bridges					
Analytical Balances					
Platform & Top load balances	396	602	946	673	1007
Crane weighers					
Fillers (auto, gas, volume)					
Tensile testers					
<b>Mass pieces</b>					
Standard weights					
Roller weights	253	34	327	317	458
Pressure tester dead weights					
<b>Dimensional</b>					
Vernier Calipers & Micrometers					
Dial gauges	118	177	152	178	282
Steel rulers/tapes					
<b>Temperature and Density</b>					
<b>Thermometry</b>					
Liquid in glass, PRT & thermocouples	172	273	384	490	710
Ovens/mantles					
Water baths & Incubators					
Temperature controllers					
Vacuum coolers & Cold rooms					

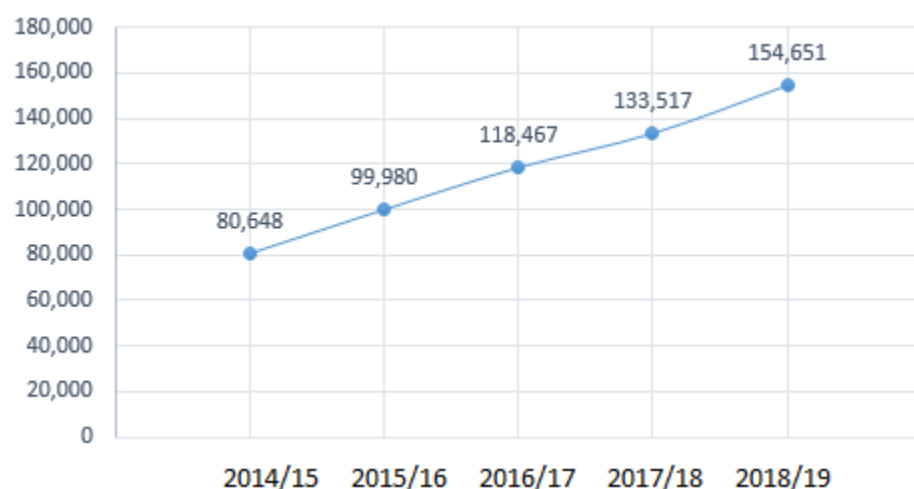
<b>Density measures</b>					
Hydrometers	1	25	23	78	101
Density meters					
<b>Volume and flow</b>					
<b>Flow</b>					
Flow meter	35	17	72	32	25
Road and rail wagons(tankers)					
<b>Volumetric</b>					
Proving tanks & Verification cans					
Single-mark-flasks					
Storage tanks	144	163	262	254	299
Volume fillers					
Pipettes & burettes					
Graduated cylinders					
<b>Electrical and Instrumentation</b>					
PH & Conductivity meters	88	219	238	321	317
Millimeters					
voltmeters, ammeters & ohmmeters					
Moisture					
<b>Force and Torque</b>					
Compression machines	25	9	24	50	45
Torque wrenches					
<b>Pressure</b>					
Pressure gauges	127	190	249	255	294
Pressure balances					
Pressure sensors					

## Chapter 3: Conformity Assessment

### 3.1 Imports inspection

UNBS undertakes inspection of imported consignments to prevent Uganda from being a dumping ground for substandard imports, protecting consumers/the public and the environment from harmful/substandard products, promote fair trade and to ensure value for money.

Figure 4 Number of Import consignments inspected



Indicator description	2014/15	2015/16	2016/17	2017/18	2018/19
Total Inspections	80,648	99,980	118,467	133,517	154,651
CoCs	16,265	16,595	18,976	24,486	54,112
CWRs	24,432	20,156	29,823	36,966	22,655
Destination Inspections				38,629	77,378
NCRs	436	664	629	499	506
Corrective Actions	1,830	1,956	2,667	4,312	1,459
Goods RUS	293	135	390	458	324
Seized Goods	99	135	100	103	99
Samples	809	588	1,596	2,798	2,580



### 3.2 Laboratory Testing

One of the key functions of UNBS is to establish and operate national testing laboratories to assist industry and other stakeholders from the private and public sectors in testing of product samples as part of conformity assessment. Under this mandate, which is legally provided for under the UNBS Act, UNBS is required to;

- a) Provide for the testing of locally manufactured or imported commodities with a view to determining whether such commodities conform to standard specification.
- b) Make arrangements or provide facilities for the examinations, testing or analysis of commodities and any material or substance from which or with which and the manner in which they may be manufactured, produced, processed or treated.

Figure 5 Number of product samples tested

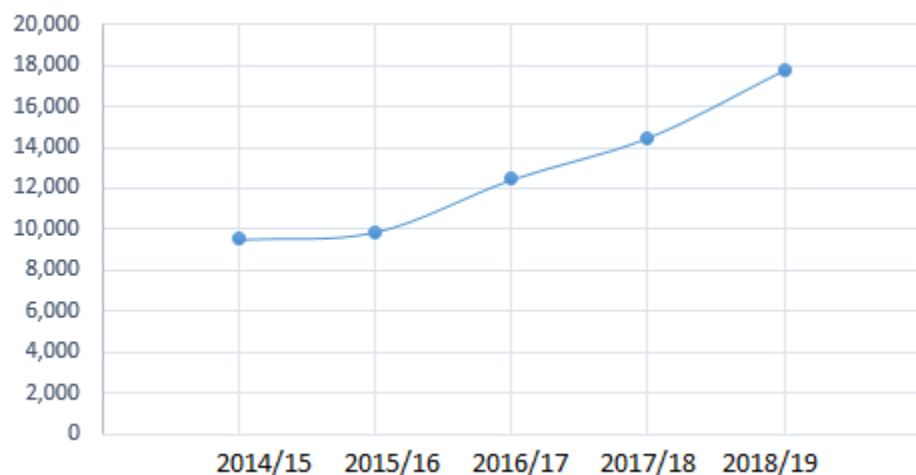


Table 7 Samples Tested

Laboratory	2014/15	2015/16	2016/17	2017/18	2018/19
<b>No of samples tested</b>					
Chemistry Lab	4889	4876	6406	6421	8669
Microbiology Lab	2470	2489	2931	3698	4679
Electrical Engineering Lab	320	477	939	992	1355
Engineering Materials Lab	1847	2041	2163	3361	3067
No of PT samples tested	8	17	41	74	44

Np of PT matrices provided	1	1	2	2	2
Number of Labs accredited	2	2	2	2	2

### 3.3 Certification

UNBS is the custodian of the principal seal of quality in Uganda, the Q-Mark (Distinctive Mark). The Q-Mark provides consumers with assurance that products meet standard requirements, and are safe and fit for purpose. The Q-Mark is awarded for products that have been tested against specific requirements in UNBS or UNBS recognized laboratories, whose production has been audited and found compliant to requirements of quality control and quality assurance.

Figure 6 Number of certification permits issued

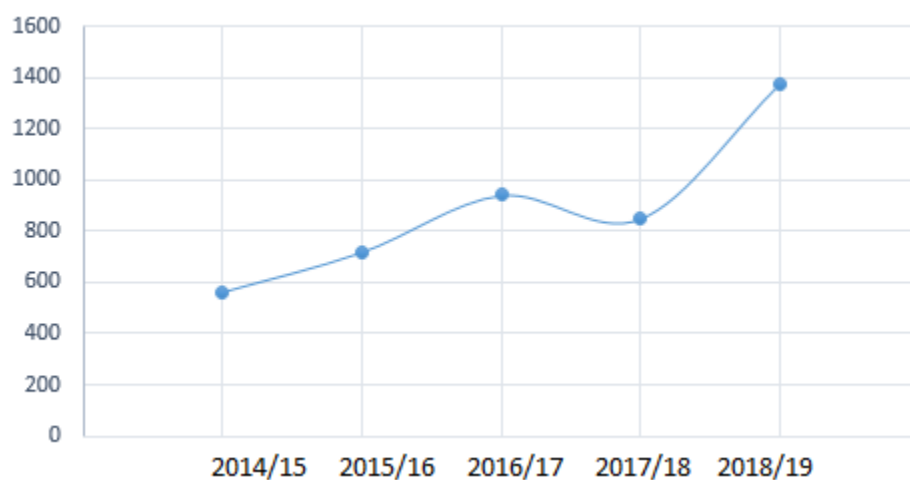


Table 8 Certification Activities

Indicator description	2014/15	2015/16	2016/17	2017/18	2018/19
No. of product permits issued	542	706	900	849	1,350
No. of system permits issued	20	12	30	23	28
No. of Audits	298	472	522	668	1,418
No. of SME's inspected/supported	456	140	40	256	1,466
No. of SME's products certified	30	60	14	12	1,249
No. of companies provided with Technical assistance (trainings undertaken)	20	22	11	33	33
No. of SME's registered					1,466

### 3.4 Market Surveillance

UNBS undertakes market surveillance activities to remove substandard goods from the market both to ensure consumer safety and to create a level playing field for the local and imported goods. These activities are important in ensuring socio-economic transformation of our people and the development of our local manufacturing industry in the long term.

UNBS carries out regular market inspections to ensure that traders are selling quality products in right quantities. Any substandard goods found on the market are seized by UNBS Market Surveillance inspectors. During the year under review the department conducted 2,278 inspections of industries, supermarkets, warehouses, wholesale shops and retail outlets all over the country and seized.

Figure 7 Number of Market outlets inspected

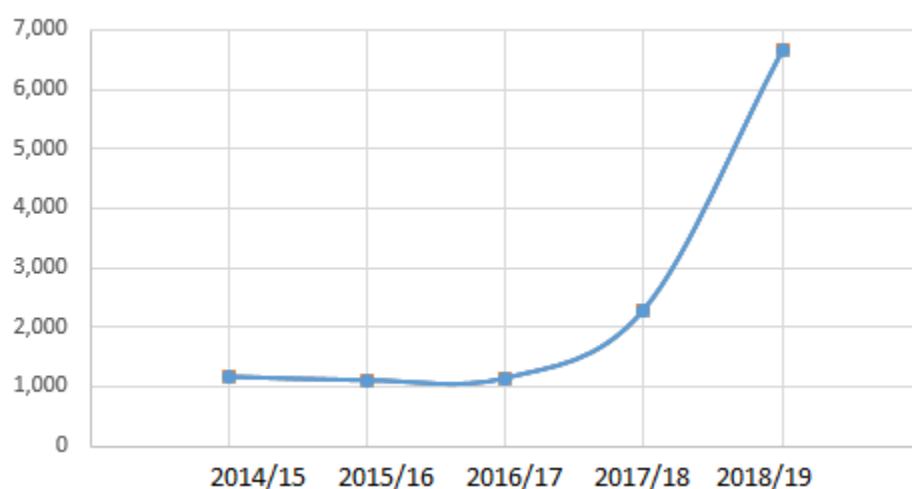


Table 9 Market surveillance Activities

Indicator description	2014/15	2015/16	2016/17	2017/18	2018/19
No. of inspections undertaken at factories, warehouses, supermarkets, shops	1,153	1,093	1,128	2,281	6,640
No of cases under inquiry and prosecution	7	21	51	38	62
Number of seizures				252	660

## Chapter 4: Management and Financial services

### 4.1 Finance

UNBSS obtains funding for its activities through GOU releases and Appropriation in Aid (NTR). The NTR revenue sources include the fees that clients pay to access some of the services that include; Verification fees, testing fees, calibration fees, certification fees, inspection fees, sale of standards.

Figure 8 Funding

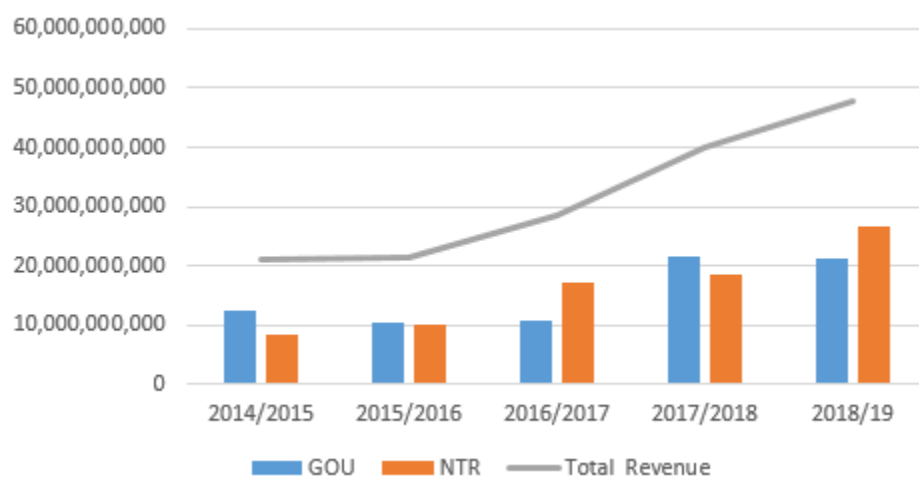


Table 10 Funding

Revenue source	2014/2015	2015/2016	2016/2017	2017/2018	2018/19
Government Recurrent	8,793,771,306	7,569,897,239	8,602,496,009	11,993,461,000	11,671,661,000
Government Development	3,565,924,768	2,839,398,641	1,991,401,837	9,579,748,000	9,579,748,000
<i>Total Government</i>	<i>12,359,696,074</i>	<i>10,409,295,880</i>	<i>10,593,897,846</i>	<i>21,573,209,000</i>	<i>21,251,409,000</i>
NTR	8,477,956,021	10,172,835,598	17,253,192,943	18,396,336,100	26,590,000,000
Projects	50,276,470	937,604,135	525,266,636	-	-
<b>Grand Total</b>	<b>20,887,928,565</b>	<b>21,519,735,613</b>	<b>28,372,357,425</b>	<b>39,969,545,100</b>	<b>47,841,409,000</b>

Table 11 Non Tax revenue sources

Revenue source	2014/2015	2015/2016	2016/2017	2017/2018	2018/19
Verification fees	2,732,718,508	2,533,124,050	3,562,714,368	5,771,847,226	7,137,951,540
Laboratory testing	864,476,832	948,634,000	1,107,503,130	1,664,746,358	4,166,733,866
Calibration fees	237,694,640	352,979,243	417,785,200	481,812,357	666,248,101
Certification fees	832,500,239	888,341,565	1,132,292,173	1,274,745,500	1,723,234,800
Professional fees (Training and advisory)	61,342,200	146,427,500	160,795,000	104,500,000	134,452,300
Inspection fees	3,551,887,853	5,378,144,080	10,414,636,737	15,750,785,020	18,640,365,968
Sale of standards	54,209,000	57,467,500	211,502,220	88,787,418	113,472,716
Miscellaneous income	143,126,749	(132,282,340)	245,964,115	265,332,626	39,927,516
<b>Total</b>	<b>8,477,956,021</b>	<b>10,172,835,598</b>	<b>17,253,192,943</b>	<b>25,402,556,505</b>	<b>32,622,386,807</b>

## 4.2 Human resource

Uganda National Bureau of Standards closed the financial year 2018/19 with a total staff number of 337 staff. This is a significant increase from last financial year that closed at 292 staff. The staff are distributed among the departments and divisions as follows;

Table 12 Staff distribution

S/N	Department	No. Of Staff	
		2017/18	2018/19
1	Audit	3	5
2	Certification	20	23
3	Corporate planning	2	3
4	ED Office	8	9
5	F&A	51	60
6	HRD	12	10
7	ICT	8	10
8	Imports Inspection	43	59
9	Legal	2	2
10	Legal Metrology	30	41
11	NML	8	13
12	Public Relations	9	10

13	Procurement and Disposal	3	3
15	Standards	21	23
16	Surveillance	8	16
17	Testing	37	43
18	Graduate Interns	28	7
	<b>TOTAL</b>	<b>293</b>	<b>337</b>

The male/female (gender) ratio profile is approximately 3:1 (252 males and 85 female staff) which is consistent with the ratio at the end of the last financial year.

### 4.3 Information Technology

Table 13 ICT systems Developed

Year	Programmes	Notes
2014/2015	E-Portal	Imports Clearing
2015/2016	LIMS	Laboratory information management
	Online support	Support to stakeholders
	Mobile payments	Easy method of payment via mobile networks
	sure Bill	Telephone usage billing
	Ticketing system	ICT support reporting tool
2016/2017	SIMS	Standards development process and tracking progress
	Mobile App	Information and processing tool
	HRMIS	It enables staff to apply for jobs, be appraised online, apply for leave online, access payroll and pay slips online
	Web store	Buy standards online
	Generator power monitoring	Power monitoring
	Website	Information sharing
2017/2018	Certification Information Management System (CIMS)	It enables online applications for certification, billing, schedules for auditing companies, audit reports, Certification reviews and recommendations for permits, executive decisions and e-permits, Extracting report etc.
	Equipment's Register	It handles all information about UNBS assets/equipment , allocations to staff , dates, procurement costs and extracting reports
	Trucks Information Management system	Handles information on trucks calibration, certificates, payments, and extracting reports
2018/19	HRIMS Development	New features were added
	Trucks Verification Information Management System	New features were added

Standards Information Management System	Developed
E-MINZANI IMS	Developed
Certification information management system (CIMS)	Development and additional features
LIMS	Development, Support and Maintenance
UNBS APP Version 1.1.2	New features were added
E-Portal:	Re-structure of new submission data-sets based on package weights

#### 4.4 Public relations and marketing

*Table 14 Public relations and Marketing*

Indicator description	2014/15	2015/16	2016/17	2017/18	2018/19
No. of media publications	30	50	48	295	269
No. of stakeholder engagements (sensitization activities)	15	25	7	30	33
No. of trade fairs exhibitions	7	10	10	16	9
No. of TV/ Radio talk shows and Announcements	20	30	46	34	55

## Chapter 5: National Standard Indicator framework (NSI).

UNBS being a government body is part of the national standard indicator framework. This is part of the national statistical system NSS that is used to track data on indicators from MDAs. It is being implemented through the Plan for national statistical development (PNSD), currently the second, aligned with the NDP. Plans are underway to develop the 3<sup>rd</sup> PNSD, that will be sector based. The major reason behind this was to harmonise government reporting and enhance accountability.

In collaboration with UBOS, and other oversight agencies like OPM, NPA and MoFPED that operate the national statistical system, meta data was developed track the indicators UNBS produces in the tables below.

UNBS has 2 national standard indicators that include;

3. Level of prevalence of substandard imported and locally produced products on the Ugandan Market.
4. Number of Ugandan certified products accessing Regional International Markets.

*Table 15 National standard Indicators*

Indicator	FY 2014/15	FY 2015/16	FY 2016/17	FY 2018/19	FY 2018/19
Level of prevalence of substandard imported and locally produced products on the Ugandan Market.	-	-	54%	51%	50%
Number of Ugandan certified products accessing Regional International Markets.	562	718	941	849	1,378



Table 16 UNBS Output indicators

Indicator	METADATA														Comments	Source of discrepancies between national and global figures	
	Description								Base line	Available data							Target
	Definition & Standard Classification	Unit of Measure	Disaggregation	Compilation practices	Data Source	Computation method	Accessibility and availability of Data	Periodicity of production		2014/15	2015/2016	2016/2017	2017/2018	2018/2019			
<b>Uganda National Bureau Of standards (UNBS)</b>																	
Number of standards developed	This is the number of standards developed / harmonized / adopted	Number	National/ Regional/ international, Engineering/ chemical and Consumer products/ Management and Services/ Food and Agriculture	Data generated from routine activities at UNBS & used to compile the indicator	Administrative data from Standards Department	Count of standards developed	UNBS statistical abstract, UNBS annual report, National gazette	Bi annually, Annually	466	451	357	254	414	400	None	None	
Number of certification permits issued	This is the number of certification permits issued	Number	National, Regional, Products /Services	Data obtained from Routine certification activities by UNBS & used to compile this indicator	Administrative data from Certification Department	Count of certification permits issued	UNBS statistical abstract, UNBS annual report	Quarterly, Bi annually, Annually	542	718	941	872	1,378	3500	None	None	
Number of product samples tested	This is the number of product samples tested in UNBS laboratories	Number	National, laboratory	Data generated from routine testing activities at UNBS and used to	Administrative data from Testing Department	Count of product samples tested	UNBS statistical abstract, UNBS annual report, UNBS	Quarterly, Annually	9526	9883	12439	14472	17,770	20000	None	None	

Indicator	METADATA														Comments	Source of discrepancies between national and global figures	
	Description								Base line	Available data							Target
	Definition & Standard Classification	Unit of Measure	Disaggregation	Compilation practices	Data Source	Computation method	Accessibility and availability of Data	Periodicity of production		2014/15	2015/2016	2016/2017	2017/2018	2018/2019			
				compile this indicator			laboratory Data analytical report										
Number of equipment calibrated	This is the number of industrial equipment calibrated	Number	National	Data generated from routine calibration activities at UNBS	Administrative data from National Metrology Laboratory	Count of equipment calibrated	UNBS statistical abstract, UNBS annual report	Quarterly, Bi annually, Annually	1359	1709	2677	2233	3538	4000	None	None	
Number of consignments inspected	This is the number of import consignment inspected	Number	National	Data generated from routine Import inspection activities at UNBS and used to compile this indicator	Administrative data Imports inspection Department	Count of consignment inspected	UNBS statistical abstract, UNBS annual report	Quarterly, Bi annually, Annually	76618	99980	118467	133517	154196	185000	None	None	
Number of equipment verified	This is the number of equipment verified	Number	National, Regional	Data generated from routine activities at UNBS and used to compile this indicator	Administrative data	Count of equipment verified	UNBS statistical abstract, UNBS annual report	Monthly, Quarterly, Bi annually, Annually	720764	706939	757551	848456	1000787	132600	None	None	
Number of market outlet	This is the number of market outlets inspected	Number	National, Regional	Data generated from routine market surveillance	Administrative data from Market Surveillan	Count of market outlets inspected	UNBS statistical abstract, UNBS	Quarterly, Bi annually	1153	1093	1128	2278	6646	6000	None	None	

Indicator	METADATA														Comments	Source of discrepancies between national and global figures	
	Description								Base line	Available data							Target
	Definition & Standard Classification	Unit of Measure	Disaggregation	Compilation practices	Data Source	Computation method	Accessibility and availability of Data	Periodicity of production	2014/15	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020			
inspections conducted.				activities at UNBS and used to compile this indicator	ce Department		annual report	, Annually									

Table 17 UNBS intermediate outcome indicators

Indicator	METADATA														Comments / limitations	source of discrepancies between national and global figures	
	Description									Baseline	Available data						Target
	Definition & Standard Classification	Unit of Measure	Disaggregation	Compilation practices	Data Source	Computation method	Accessibility and availability of Data	Periodicity of production	2014/15	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020			
<b>Uganda National Bureau Of standards (UNBS)</b>																	
MPS, BFP and Annual Report in place	This is the availability of MPS, BFP and Annual report	Yes/No	Agency	This indicator is qualitative data based on whether MPS, BFP, Annual report are available or not	Administrative data from Corporate Planning Division	If the MPS, BFP and annual report are in place we code the indicator as Yes or else No.	Upon request from Corporate Planning Division at UNBS	Annual	Yes	Yes	Yes	Yes	Yes	Yes	None	None	
No of sub-programmes with updated administrative data online	This is the number of sub-programmes that have administrative data online	Number	Agency	The number of sub-programmes with administrative data online are counted	Administrative data from ICT department at UNBS	The number of sub-programmes with administrative data online are counted	UNBS statistical abstract	Annually	1	6	12	15	18		None	None	
Statistical Abstract in place	This is the availability of the statistical Abstract	Yes/No	Agency	This indicator is qualitative data based on whether Statistical abstract is available or not	Administrative data from Corporate Planning Division of UNBS	If the statistical abstract is in place we code the indicator as Yes, else No.	Upon request from Corporate Planning Division at UNBS	Annually	No	No	Yes	Yes	Yes	Yes	None	None	
Final Accounts in place.	The presence of final accounts.	Yes/No	Agency	This indicator is qualitative data based on whether Final accounts are available or not	Administrative data from Finance and Administ	If the final accounts are in place we code the indicator as Yes or else No.	Upon request from Finance and Administration	Annually	Yes	Yes	Yes	Yes	Yes	Yes	None	None	

Indicator	METADATA														Comments / limitations	source of discrepancies between national and global figures	
	Description								Baseline	Available data							Target
	Definition & Standard Classification	Unit of Measure	Disaggregation	Compilation practices	Data Source	Computation method	Accessibility and availability of Data	Periodicity of production	2014/15	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020			
					ration Department of UNBS		Department of UNBS										

