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**UNBS STATISTICAL ABSTRACT**

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FY 2017/2018

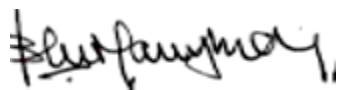
## **FOREWORD**

I am pleased to present to you the Annual Statistical Abstract on the successes and milestones registered by Uganda National Bureau of Standards (UNBS) for the Financial Year 2017/18.

In line with its mandate to formulate and promote the use of standards, UNBS has successfully developed 3,311 standards since inception which have played a major role in the protection of public health against substandard products, facilitation of fairness in trade and precision in industry and most importantly, strengthening of the economy of Uganda by emphasizing quality of locally manufactured product to enhance export competitiveness on the regional and international markets.

The launching of the 2<sup>nd</sup> Edition of the Annual Statistical Abstract for 2017/18 is a greatly commendable achievement and represents utmost professionalism and cooperation of the Management Team and its staff in their continued effort to move the Organisation forward with an aim of increasing UNBS's contribution towards the National Development Plan II and Vision 2040 at large.

The Bureau would like to commend the continued cooperation from the different Departments, Divisions and Units in providing timely requisite data to produce this publication. Special thanks go to the UNBS Planning Division for the job well-done in compiling this abstract.



**DR. BEN MANYINDO**

**EXECUTIVE DIRECTOR,**

**UGANDA NATIONAL BUREAU OF STANDARDS**

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## LIST OF ACRONYMS

ARSO	African Organisation for Standardisation
COC	Certificate of Conformity
COMESA	Common Market for Eastern and Southern Africa
CRW	Certificate of Roadworthiness
EAC	East African Community
ED	Executive Director
FY	Financial year
GOU	Government of Uganda
HRMIS	Human resource Management Information system
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
LIMS	Laboratory Information Management Systems.
NCR	Non-Conformity Report
PT	Proficiency Testing
PVoC	Pre-Export Verification of Conformity
SIMS	Standards Information Management System
SME's	Small and Medium-sized Enterprises
UNBS	Uganda National Bureau of Standards
US	Uganda Standard

## EXECUTIVE SUMMARY

The Statistical Abstract is an annual publication compiled by Uganda National Bureau of Standards, which provides the statistical summary on various indicators for the Bureau. Most of the data presented in this edition are based on the availability of data and is presented in a financial year basis.

The table below shows summary data of the level 4 indicators of UNBS from FY 2014/15 to FY 2017/18.

**Table 1 Key Performance Indicators**

<b>Key Performance Indicator</b>	<b>2014/15</b>	<b>2015/16</b>	<b>2016/17</b>	<b>2017/18</b>
<b>Number of standards developed</b>	466	451	355	254
<b>Number of samples tested</b>	9,526	9,883	12,439	14,472
<b>Number of equipment calibrated</b>	1,359	1,709	2,677	2,233
<b>Number of certification permits issued</b>	562	718	941	849
<b>Number of market outlets inspected</b>	1,153	1,093	1,128	2,278
<b>Number of equipment verified</b>	720,764	706,939	757,551	848,456
<b>Number of consignments inspected</b>	80,648	99,980	118,467	133,517

## GLOSSARY

Accreditation	This is the process in which certification of competency, authority, or credibility is presented
Certification	Refers to the confirmation of certain characteristics of an object, person, or organization
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	These indicate that a product has been certified and is safe for consumption.
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



## 1.0 CHAPTER ONE: STANDARDS DEVELOPMENT

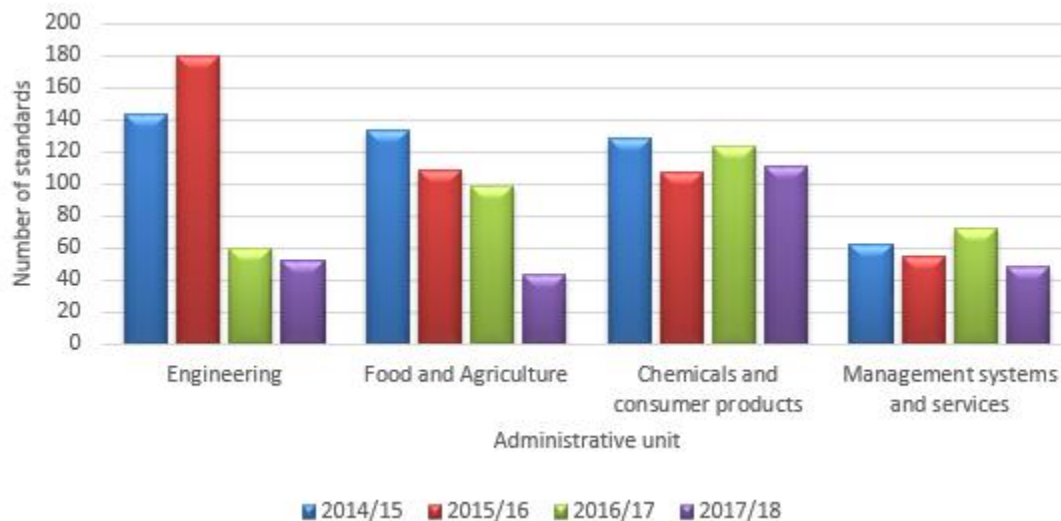
### 1.1 Standards Development.

254 standards were developed in the FY 2017/2018. This was a 28% decline from the number of standards developed in the previous FY. The decline is heavily attributed to a 15% reduction in the number of Food and Agriculture standards. The decline may also be attributed to lack of a Board from March 2018 that resulted in 219 final draft standards pending approval in June 2018. Majority of the standards developed were for chemicals and consumer products (111 standards) which represented 43.7% of the total number of standards developed. These were followed by engineering standards (52), Management systems and services (48) and lastly Foods and agriculture standards (43).

**Table 2: Number of standards developed from 2014/15 to 2017/18**

Administrative units	2014/15	2015/16	2016/17	2017/18	Total
Engineering	143	180	60	52	435
Food and Agriculture	133	109	99	43	384
Chemicals and consumer products	128	107	124	111	470
Management systems and services	62	55	72	48	237
<b>Total</b>	<b>466</b>	<b>451</b>	<b>355</b>	<b>254</b>	<b>1526</b>

**Figure 1: Illustration of standards developed from 2014/15 to 2017/18 by administrative unit**

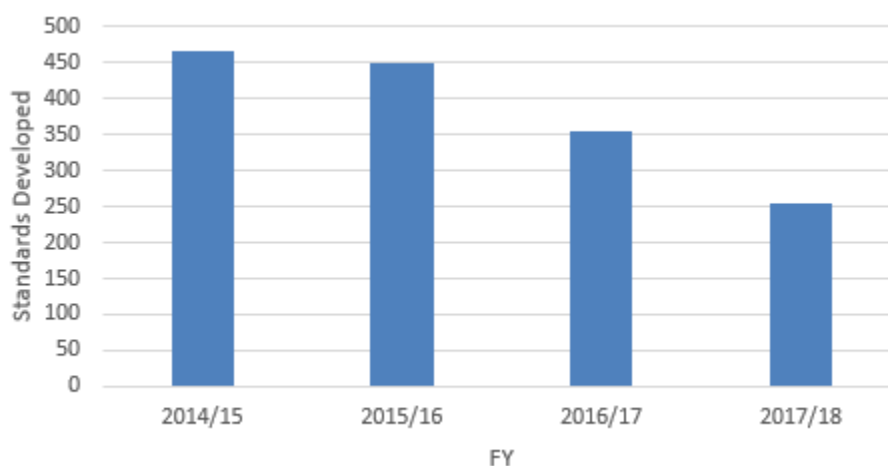


The standards developed are classified into standards adopted (ISO, IEC & CODEX), regional standards (EAS), indigenous standards (US). The table below shows a breakdown of the number of standards developed from FY 2014/2015 to FY 2017/2018 including the number of standards withdrawn.

**Table 3: Breakdown of standards developed from 2014/15 to 2017/18**

<b>Administrative units</b>	<b>Indicator description</b>		<b>2014/15</b>	<b>2015/16</b>	<b>2016/17</b>	<b>2017/18</b>	<b>Total</b>
<b>Engineering</b>	No. of standards adopted	ISO	97	128	34	15	274
		IEC	19	32	0	6	57
	No. of regional standards (EAS)		26	5	5	0	36
	No. of indigenous standards (US)		1	15	21	31	68
	No. of withdrawn standards		58	53	18	7	136
<b>Food and Agriculture</b>	No. of standards adopted	ISO	79	55	44	21	199
		CODEX	0	34	5	8	47
	No. of regional standards (EAS)		29	12	28	0	69
	No. of indigenous standards (US)		25	8	22	14	69
	No. of withdrawn standards		72	12	27	12	123
<b>Chemicals and consumer products</b>	No. of standards adopted (ISO)		105	98	61	79	343
	No. of regional standards (EAS)		16	7	11	0	34
	No. of indigenous standards (US)		7	2	52	32	93
	No. of withdrawn standards		22	13	1	11	47
<b>Management systems and services</b>	No. of standards adopted (ISO)		55	55	72	27	209
	No. of regional standards (EAS)		0	0	0	0	0
	No. of indigenous standards (US)		7	0	0	21	28
	No. of withdrawn standards		4	5	24	0	33

**Figure 2: Total Number of standards developed over the 3 FYs**



### Standards Development activities.

The table below summarises the standards development activities from FY 2015/2016 to FY 2017/2018.

### Table Standards development activities.

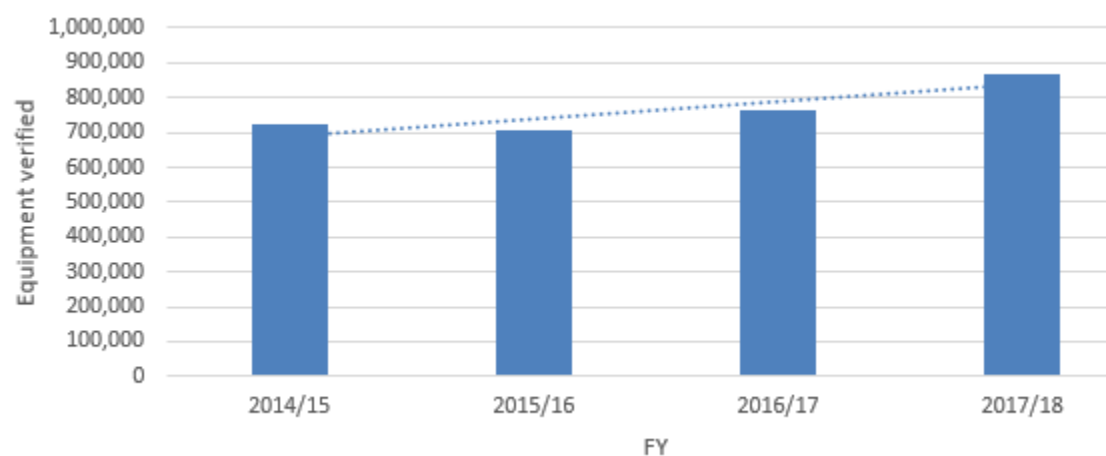
<b>Objective: Develop and gazette standards in line with national needs and priorities</b>				
Activity	Output quantities			Remarks
	2015/16	2016/17	2017/18	
<b>Standards development</b>				
Approved Uganda Standards	451	357	254	
Harmonized East African Standards	25	45	44	
New work items (NWI) requests	351	671	714	New work items registered during the financial year. Records are improving.
<b>Meetings</b>				
Technical Committee meetings	52	95	200	
EASC TC meetings	10	26	32	
ARSO	03	05	05	Participation in ARSO THC's and General Assembly
ISO/IEC/CAC TC meetings	27	41	13	Including ISO webex meetings convened internally
Other Local, regional or international meetings		05	16	SQMT and SPS/TBT related local, regional and international activities
<b>Notifications</b>				
National gazettes and publications	02	02	02	
World trade organization notifications	27	232	215	Notification of national draft/standards and other measures to WTO as required

<b>Objective: Improve collaboration with and create awareness among stakeholders to participate in standards development and enhance up take and implementation of standards</b>				
<b>National meetings</b>	52	184	262	Workshops/meetings where we <ul style="list-style-type: none"> <li>collaborate with stakeholders in development and /or the implementation of standards; and</li> <li>provide standards and standards related information available at UNBS to stakeholders</li> </ul>
<b>EAC Meetings/workshops/seminars</b>	39			
<b>ARSO</b>				
<b>COMESA</b>				
<b>ISO/IEC/CAC</b>				
<b>Objective: Provide an efficient information service on standardization and related matters</b>				
<b>Information materials identified and collected</b>	4100	3904	4229	New materials on standardization and quality management
<b>Information materials withdrawn from the collection</b>		1116	664	
<b>Client who accessed and obtained information on standardization and related matters</b>		996	1039	
<b>Provision of information at UIA One stop Centre</b>		135	102	Includes investors who were provided information
<b>Sale of standards</b>		1688	1312	
<b>Objective: Other activities relevant for standardization</b>				
<b>Staff training</b>	11	08	18	Training seminars or workshops or online learning where staff benefit with skills

## 2.0 CHAPTER TWO: MEASUREMENTS

### 2.1 Legal Metrology.

A total of 867,301 equipment were verified in the FY 2017/2018. This was a 14% increase in the number of equipment verified in the previous financial year. The increase is heavily attributed to increased coverage and sensitization resulting into increased voluntary submissions. The number of equipment verified from the FY 2014/2015 has been on an increasing trend to the FY 2017/18 as illustrated by the figure below.



The table below shows the number of equipment verified distributed regionally.

**Table 4: Number of Equipment verified from 2016/17 to 2017/18**

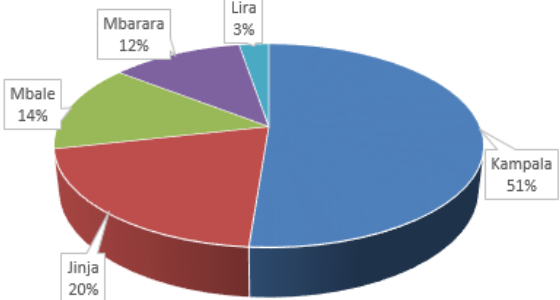
Indicator description		2014/15	2015/16	2016/17	2017/18
<b>Counter Machines</b>	Kampala	65,857	63,967	60,106	71,507
	Jinja	26,973	23,550	25,552	28,506
	Mbale	12,680	14,544	18,288	19,131
	Mbarara	13,374	14,227	15,434	14,838
	Lira	2,195	2,615	3,288	2,812
<b>Spring Balances</b>	Kampala	1,919	1,967	1,390	1,497
	Jinja	1,253	1,087	852	994
	Mbale	648	738	601	824
	Mbarara	1,940	1,969	2,238	1,947
	Lira	950	1,122	1,057	949
<b>Plat Form Scales</b>	Kampala	1,776	2,511	1,786	2,225
	Jinja	315	372	292	292
	Mbale	186	413	319	611
	Mbarara	453	473	603	571
	Lira	152	202	207	158
<b>Weights</b>	Kampala	297,669	286,184	310,098	351,127

	Jinja	133,795	115,695	128,370	133651
	Mbale	63,015	72,590	73,391	94987
	Mbarara	66,831	68,732	74,950	79862
	Lira	10,039	12,965	16,647	12927
<b>Fuel Dispensers</b>		13,526	14,480	14,731	15238
<b>Pressure Gauges</b>		337	337	337	323
<b>Road Tankers</b>		624	1,348	1,702	3052
<b>Bulk Measures</b>		260	305	264	292
<b>Static Tanks</b>		330	357	463	416
<b>Consumer goods</b>		3,855	4,189	4,585	4940
<b>Electric Meters</b>		-	-	3,689	23624
<b>Total</b>		720,952	706,939	761,240	867,301

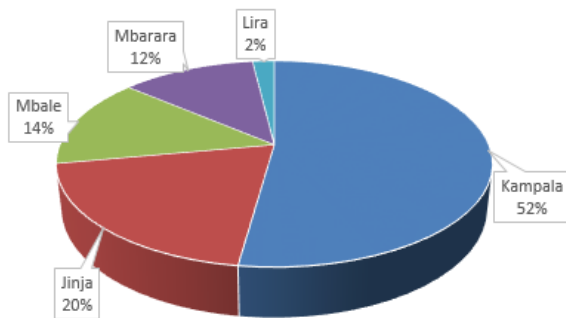
**Weighing equipment and weights by region**

Considering the FY 2017/18, Kampala had the Majority of both the weighing equipment and weights compared to other regions accounting for 51% and 52% respectively of the total number of equipment verified. This was followed by Jinja with 20% of both weighing equipment and weights and Lira with 14% of both. This is illustrated by the figures below and the summaries indicated in the table below.

**Figure 3: Weighing equipment by region**



**Figure 4 weights by region from 2014/15 to 2016/17**



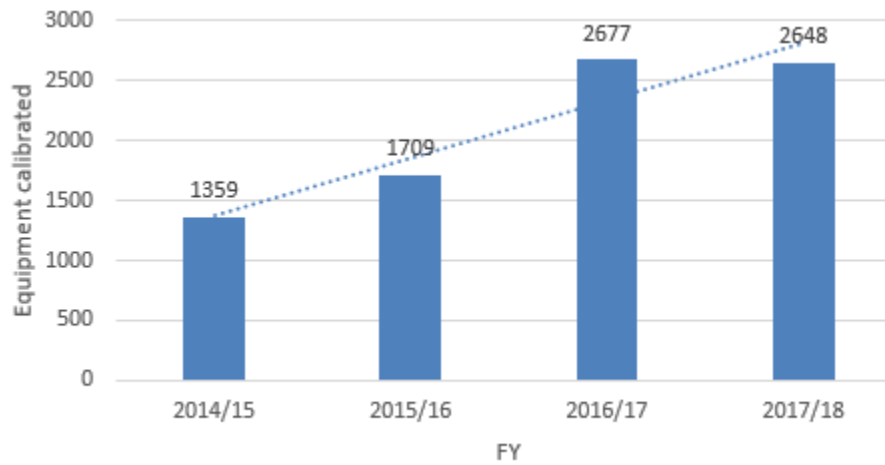
**Table 5 Weighing equipment and weights by region**

		2014/15	2015/16	2016/17	2017/18
<b>Weighing equipment</b>	Kampala	69,552	68,445	63,282	75,229
	Jinja	28,541	25,009	26,696	29,792
	Mbale	13,514	15,695	19,208	20,566
	Mbarara	15,767	16,669	18,275	17,356
	Lira	3,297	3,939	4,552	3,919
<b>Total</b>		130,671	129,757	132,013	146,862
<b>weights</b>	Kampala	297,669	286,184	310,098	351,127
	Jinja	133,795	115,695	128,370	133,651
	Mbale	63,015	72,590	73,391	94,987
	Mbarara	66,831	68,732	74,950	79,862
	Lira	10,039	12,965	16,647	12,927
<b>Total</b>		571,349	556,166	603,456	672,554

## 2.2 National Metrology Laboratory

A total of 2,648 equipment were calibrated in the FY 2017/2018. This was a slight decline in the number of equipment calibrated in the FY 2016/2017 which were 2,677. However, the number of equipment calibrated were higher than the target for the financial year which was brought about by increased demand for calibration services country wide. The figure below illustrates the number of equipment calibrated from FY 2014/15 to FY 2017/18.

**Fig Number of equipment calibrated**



The table below provides a detail of the number of equipment calibrated during the 4 financial years.

**Table 6: Number of equipment calibrated from 2016/17 to 2017/18**

Indicator	Description	2014/15	2015/16	2016/17	2017/18
<b>Weigh bridges</b>	Weigh bridges	32	96	126	99
<b>Balances/scales</b>	Analytical Balances	364	506	820	574
	Platform & Top load balances				
	Crane weighers				
	Fillers (auto, gas, volume)				
	Tensile testers				
<b>Dimensional Measure</b>	Vernier Calipers & Micrometers	118	177	152	178
	Dial gauges				
	Steel rulers/tapes				



<b>Thermometry</b>	Liquid in glass, PRT & Thermocouples Ovens/mantles Water baths & Incubators Temperature controllers Vacuum coolers & Cold rooms	172	273	384	490
<b>Flow</b>	Flow meter Road and rail wagons(tankers)	35	17	72	32
<b>Volumetric</b>	Proving tanks & Verification cans single-mark-flasks storage tanks volume fillers pipettes & burettes graduated cylinders	144	163	262	254
<b>Electrical</b>	PH & Conductivity meters Millimeters voltmeters, ammeters & ohmmeters	88	219	238	321
<b>Force measures</b>	Compression machines	25	9	24	50
<b>Pressure</b>	pressure gauges pressure balances pressure sensors	127	190	249	255
<b>Density measures</b>	Hydrometers density meters	1	25	23	78
<b>Mass pieces</b>	Standard weights Roller weights pressure tester dead weights	253	34	327	317
<b>Total Equipment</b>		1359	1709	2677	2648

### 3.0 CHAPTER THREE: COMFORMITY ASSESSMENT

#### 3.1 Imports Inspection.

The tables below show summaries of goods inspected from FY 2014/15 to FY 2017/18. The inspections are categorized into PVoC and National inspections.

PVoC inspections.

PVoC inspections summary FY 2014/15 to FY 2017/18.

Indicator description	2014/15	2015/16	2016/17	2017/18
<b>Sum of total inspections</b>	41,133	37,415	49,428	62,217
<b>Sum of CoCs</b>	16,265	16,595	18,976	24,486
<b>Sum of CRWs</b>	24,432	20,156	29,823	36,966
<b>Sum of NCR</b>	436	664	629	499
<b>Sum of CAs</b>	1830	1956	2667	4,312

#### National Inspections

**Table 7: consignments inspected 2016/17 to 2017/18.**

Indicator description	2014/15	2015/16	2016/17	2017/18
No. of National inspections	48,485	60,978	69,042	88,778
No. of goods releases under seal	293	135	390	458
No. of goods sampled for quality testing	446	466	1,301	1,951
No. of goods sampled for routine testing	363	122	295	847
No. of consignments seized	99	135	100	103

Table National inspections summary FY 2017/18.

National Inspections	2017/2018
<b>Sum of National inspections</b>	88,778
<b>Sum of CoCs</b>	18,078
<b>Sum of CRWs</b>	31,503
<b>Sum of DI(PVoC Exempt)</b>	27,642
<b>Sum of DI(Not PVoC Exempt)</b>	10,987
<b>Sum of goods RUS</b>	458
<b>sum of Seized goods</b>	103
<b>samples</b>	2,798
<b>Failed samples</b>	319
<b>Destructions</b>	1

### 3.2 Laboratory Testing.

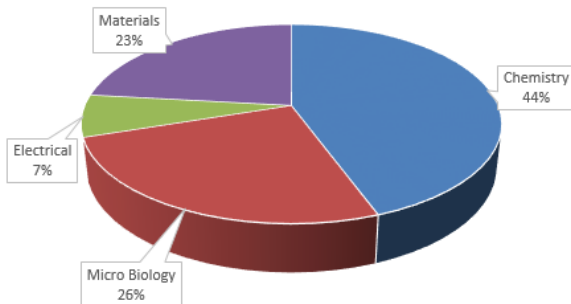
A total of 14,472 samples were tested in the UNBS testing labs in the FY 2017/18. This was a 16% increase in the number of samples tested in the previous FY. The increase in samples tested is heavily attributed to increased demand for certification and compliance. Most of the samples tested in the FY 2017/18 were in the chemistry lab accounting for 44% of the total followed by those in the Microbiology lab (26%), Materials lab (23%) and Electrical lab (7%). The number of samples tested were on an increasing trend from FY 2014/15 to FY 2017/18.

The table below shows details of the samples tested per lab from the FY 2014/15 to FY 2017/18.

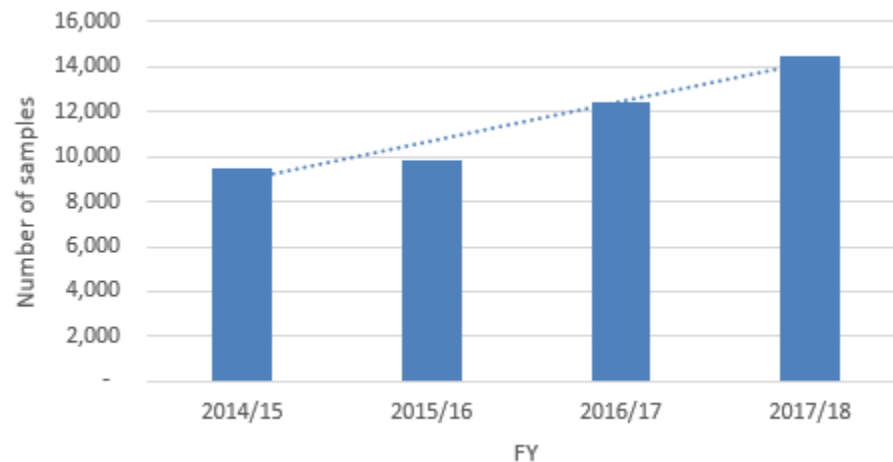
**Table 8: Samples Tested**

Indicator description	Laboratory	2014/15	2015/16	2016/17	2017/18
No. of samples tested	Chemistry Lab	4,889	4,876	6,406	6,421
	Microbiology Lab	2,470	2,489	2,931	3,698
	Electrical Engineering Lab	320	477	939	992
	Engineering Materials Lab	1,847	2,041	2,163	3,361
	Total	9,526	9,883	12,439	14,472
No. of PT schemes participated in		8	17	41	74
No. of PT schemes provided by UNBS Labs		1	1	2	2
Number of labs accredited		2	2	2	2

**Figure 5: 2017/2018 Samples tested by Lab**



**Figure 6: Illustration of samples Tested from 2016/17 to 2017/18**



### 3.3 Certification.

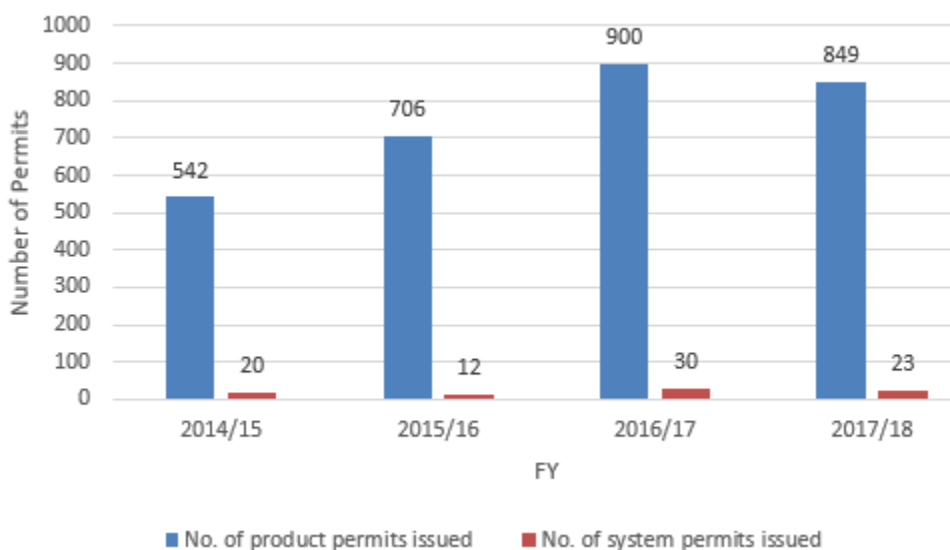
A total of 849 product certification permits were issued in the FY 2017/18. This was a slight decline compared to the number of product certification permits issued in the previous financial year. However, this was higher than the target for certification permits issued in a year due to increased market demand for product certification services. In the same FY year, 23 system certification permits were issued down from 30 in the previous FY. The table below shows the details of certification activities.

**Table 9: Certification statistics**

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

The figure below illustrates the number of product and system certification permits issued from FY 2014/15 to FY 2017/18.

**Figure 7 Certification permits issued**



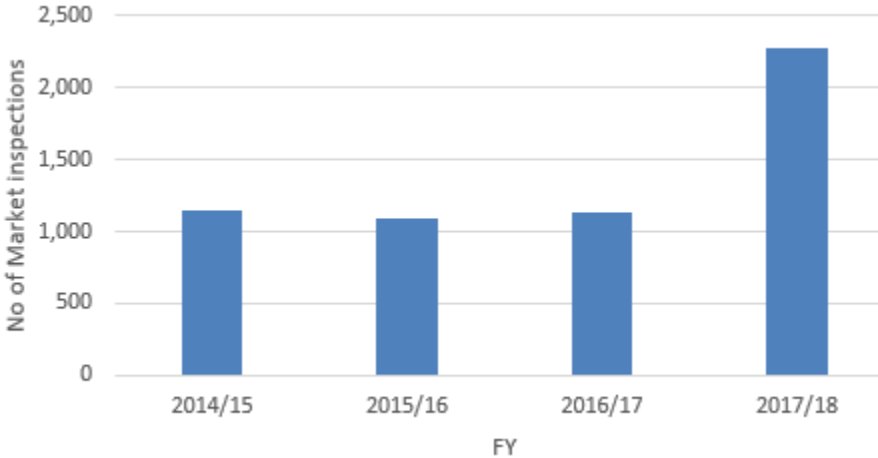
### 3.4. Surveillance.

2,281 inspections were undertaken at factories, warehouses, supermarkets and shops in the FY 2017/18. This was more than an 100% increase from the number of inspections carried out in the previous financial year. The more than double increase in performance was due to increased coverage of market surveillance activities country wide. The number of market inspections have been on an increasing trend from FY 2014/15 to FY 2017/18.

**Table 10: Surveillance statistics**

Indicator description	2014/15	2015/16	2016/17	2017/18
<b>No. of inspections undertaken at factories, warehouses, supermarkets, shops</b>	1,153	1,093	1,128	2,281
<b>No. of complaints received for goods under compulsory standards</b>	44	17	63	138
<b>No of cases under inquiry and prosecution</b>	7	21	51	38
<b>No. of partnership building meetings held</b>	11	15	10	15
<b>No. of stakeholder Standards awareness &amp; guidance workshops held</b>	2	3		2
<b>Number of seizures</b>				252

**Figure 8 Market inspections**



## 4.0 CHAPTER FOUR; MANAGEMENT AND SUPPORT SERVICES.

### 4.1 Finance and administration.

#### Revenues

The total approved budget for FY2017/18 was shs 39,969,545,000 of which shs 21,573,209,000 was from GOU Grants and shs 20,085,283,435 from Non Tax Revenue (NTR).

During the year, there was a cumulative shortfall in releases amounting to shs 1,491,779,007 mainly attributed to GOU i.e. shs 1,300,747,678 – Development; and shs 187,177,887 – Recurrent. The net shortfall in NTR/AIA amounted to shs 3,853,442.

**Table 11: Summary of Revenue**

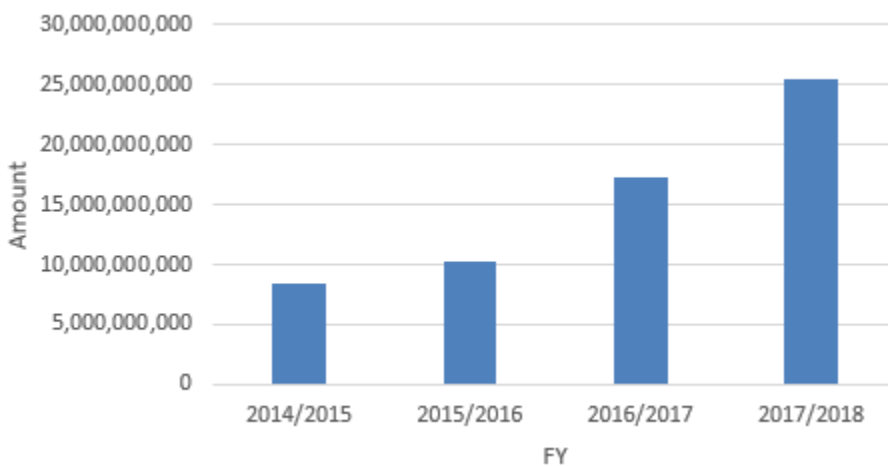
Revenue source	2014/2015	2015/2016	2016/2017	2017/2018
<b>Government Recurrent</b>	8,793,771,306	7,569,897,239	8,602,496,009	11,993,461,000
<b>Government Development</b>	3,565,924,768	2,839,398,641	1,991,401,837	9,579,748,000
<b>Total Government</b>	12,359,696,074	10,409,295,880	10,593,897,846	21,573,209,000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

**Table 12: NTR revenue collections (excluding gain/loss on foreign exchange)**

Revenue source	2014/2015	2015/2016	2016/2017	2017/2018
<b>Verification fees</b>	2,732,718,508	2,533,124,050	3,562,714,368	5,771,847,226
<b>Laboratory testing calibration fees</b>	864,476,832	948,634,000	1,107,503,130	1,664,746,358
<b>certification fees</b>	237,694,640	352,979,243	417,785,200	481,812,357
<b>Professional fees (Training and advisory)</b>	832,500,239	888,341,565	1,132,292,173	1,274,745,500
<b>Inspection fees</b>	61,342,200	146,427,500	160,795,000	104,500,000
<b>sale of standards</b>	3,551,887,853	5,378,144,080	10,414,636,737	15,750,785,020
<b>Miscellaneous income</b>	54,209,000	57,467,500	211,502,220	88,787,418
<b>Total</b>	143,126,749	(132,282,340)	245,964,115	265,332,626
<b>Total</b>	8,477,956,021	10,172,835,598	17,253,192,943	25,402,556,505

The NTR increased by 47% in FY 2017/18 from the previous FY. Imports inspection was the highest revenue earner contributing 62% of the total NTR collections. This was followed by Legal metrology that contributed 22% of the total. Sale of standards was the least revenue earner contributing around 0.35% of the total NTR collections. The increase in revenue collection has led to an increase in performance of physical outputs.

**Figure 9: Movement of NTR**



### **Budget Utilization.**

In the FY 2017/2018 total Budget was 39.970 Billion UGX, 38.482 Billion UGX was released which represented 96.3% of budget. Of the amount released, 38.469 Billion UGX was spent which was 96.2% of budget and approximately 100% of releases.

	2014/2015	2015/2016	2016/2017	2017/2018
<b>Budget</b>	18,914,370,394	20,728,194,000	28,328,194,000	39,969,545,000
<b>Expenditure</b>	20,179,193,220	20,161,523,260	24,708,016,549	38,469,000,000

### **4.2 Human resource**

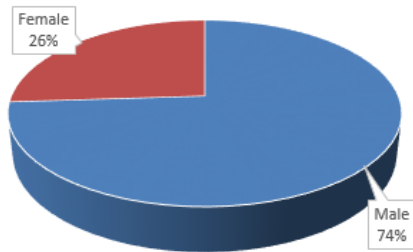
Uganda National Bureau of Standards closed the financial year 2017/18 with a total staff number of 264 staff and 28 graduate interns, which is an overall total of 292 members. The number has reduced from the 297 staff in previous financial year.

The male/female (gender) ratio profile is approximately 3:1 (216 male and 76 female staff) which is consistent with the ratio at the end of the last financial year.

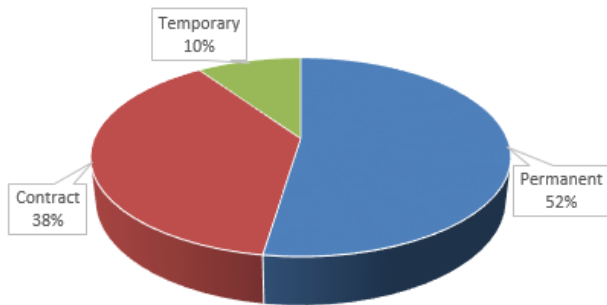
Out of the 292 staff, 153 are on contract basis representing 52% while 111 are on permanent placements representing 38% and 28 on temporary/ short term contracts representing 10%.



**Figure 10: Gender distribution**



**Figure 11: Employment status**



### **Trainings**

Under the training component, the planned staff trainings were conducted with the overall goal of developing and strengthening capacities of staff to be effective and efficient in their job performance. The trainings were conducted in form of internal and external work shops and interactive presentations. A total number of 28 national/internal trainings were conducted and 4 International/External trainings for all the staff in various departments within the FY 2017/2018.

The student internship program attracted 30 student interns from the various institutions of higher learning across the country and were deployed to various departments based on their fields of study. This was aimed at enhancing students learning experience in order to help them develop further skills and knowledge in their various disciplines of study.

### 4.3 Information Technology

**Table 13: ICT Programmes 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
	Webstore	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 e.t.c.
	Equipments 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

#### 4.4 Public relations and Marketing

There was a significant growth in the number of media stories published in the FY 2017/18 with 295 media stories in print, radio, TV and online against a target of 288 media stories. UNBS participated in 24 radio talk shows, 10 TV talk shows. Majority of the talk shows were free government airtime. The summaries are shown in the table below.

**Table 14: Public relations and marketing**

<b>Indicator description</b>	<b>2014/15</b>	<b>2015/16</b>	<b>2016/17</b>	<b>2017/18</b>
No. of internal publications (magazines, newsletters)	18	20	16	14
No. of media publications	30	50	48	295
No. of stakeholder engagements (sensitization activities)	15	25	7	30
No. of internal activities or celebrations	8	10	5	6
No. of trade fairs exhibitions	7	10	10	16
No. of TV/ Radio talk shows and Announcements	20	30	46	34

## 5.0 CHAPTER FIVE: PREVALENCE OF SUBSTANDARD GOODS ON THE MARKET

This chapter presents highlights on the prevalence of substandard goods on the market, one of the national standard indicators of UNBS.

As of March 2018, the prevalence of substandard goods on the market was estimated at 54% according to results from a survey conducted in the same year. This was determined by scientifically testing the product samples at the UNBS laboratories. However, the methodology used in this study to select the sample size was risk profiling, a technique similar to the one used by the market surveillance team to pick samples for testing and yielded results in the table below.

	2016/2017	2017/2018
<b>Prevalence of substandard goods on the market.</b>	57%	51%

From the survey, Prevalence as perceived by consumers was at 80%, down from 88% at baseline in 2013. Areas along the border points (Kenya, south Sudan, and DR Congo) showed the highest prevalence rates all above 80% while areas in the Centre showed the lowest rates.

80.1% of the respondents have ever bought a good and found it substandard.

79.4% of the consumers in 2017 up from 71% in 2013 know a substandard product

The proportion of consumers knowingly buying substandard products is at 10.9% down from 28% at baseline in 2013. 69.8% knowingly buy substandard products because of low prices.

More than 50% of the respondents in the survey demonstrated knowledge of UNBS as an institution that develops and enforces standards.

Of the 165 gazetted import clearing points (including customs bonded warehouses), UNBS has presence on 5 boarder points (including Mombasa) and 17 customs bonded ware houses.