

UGANDA NATIONAL BUREAU OF STANDARDS



STATISTICAL ABSTRACT

FY 2022/2023

NOVEMBER 2023

FOREWORD

This is the seventh edition of the UNBS statistical abstract produced by the Corporate Planning Division annually.

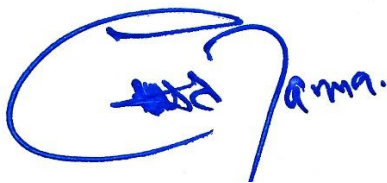
This statistical abstract covers information on developments in the standardization activities carried out by the Bureau. The abstract provides statistics gathered from administrative data collected within the Bureau during the course of normal operations.

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 UNBS' efforts aimed at enhancing data dissemination to the public.

The Bureau would like to appreciate the continued cooperation of all Departments and Divisions in providing the requisite data to produce this publication. The Bureau welcomes constructive comments from stakeholders that aim at enhancing the quality of its future publications.

Copies of this publication are available at the Bureau's Head Office located at Standards House, Plot 2-12, By-pass Link, Bweyogerere Buto, Kampala, and the official UNBS website: www.unbs.go.ug

It is my sincere hope that the statistical information in this publication will be useful to the readers and will guide in decision making.



Namgalama Daniel Richard Makayi
Ag. EXECUTIVE DIRECTOR

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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 Electro-technical Commission
ISO	International Organization for Standardization
LIMS	Laboratory Information Management System
NCR	Non-Conformity Report
NML	National metrology Laboratory
NSI	National Standard Indicator
NTR	Non Tax Revenue
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

EXECUTIVE SUMMARY

This section of the publication provides data on UNBS operations and areas of intervention. The data provided is official statistics that is generated by functions within UNBS while executing their mandate. The data is mainly administrative and a number of extracts have been made from the information management systems used at UNBS.

The Table below shows a summary of data about UNBS' key performance indicators from the FY 2018/19 to the FY 2022/23

Table 1: UNBS Key performance indicators

S/N	Key Performance Indicator	2018/19	2019/20	2020/21	2021/22	2022/23
1.	Number of standards developed	414	505	457	428	272
2.	Stock of standards	3,622	3,948	4,265	4,548	4,730
3.	Number of samples tested	17,770	19,796	24,014	26,217	25,287
4.	Number of equipment calibrated	3,538	3,354	4,233	6,629	5,678
5.	Number of certification permits issued	1,378	2,729	3,424	4,225	4,886
6.	Number of certification applications received	3,154	3,145	4,527	5,696	6,301
7.	Percentage of certification permits issued (out of total applications received)	43.7%	86.8%	75.6%	74.2%	77.5%
8.	Turnaround time to issue certification certificate (Days)	119	154	155	137	125
9.	Number of Ugandan certified products accessing Regional and International Markets.	1,378	2,776	3,576	4,200	4,942
10.	Number of permits issued to Micro & Small Enterprises	201	201	547	639	1,114
11.	Number of private laboratories recognized	14	13	13	14	21
12.	Number of ports of entry in Uganda					526
13.	Ports of entry physically manned by UNBS					32
14.	Ports of entry remotely manned by UNBS					494
15.	Number of market outlets inspected	6,646	7,345	10,614	11,982	4,537
16.	Number of equipment verified	1,000,787	1,063,277	1,217,915	1,274,641	924,692
17.	Number of profiled import consignments inspected	154,196	153,256	177,203	236,819	282,886
18.	Number of staff	337	435	439	444	492
19.	G.O.U (Released-Bn)	21.25	57.91	58.55	64.07	46.619

20.	NTR (Collected-Bn)	26.59	38.169	38.55	60.77	60.697
21.	Percentage of NTR Contribution to Total Budget	55.6%	65.9%	65.8%	94.8%	130.2%

1.0 STANDARDS DEVELOPMENT

By the end of FY 2022/23, 4,548 standards were in stock as indicated in the Fig 1 below

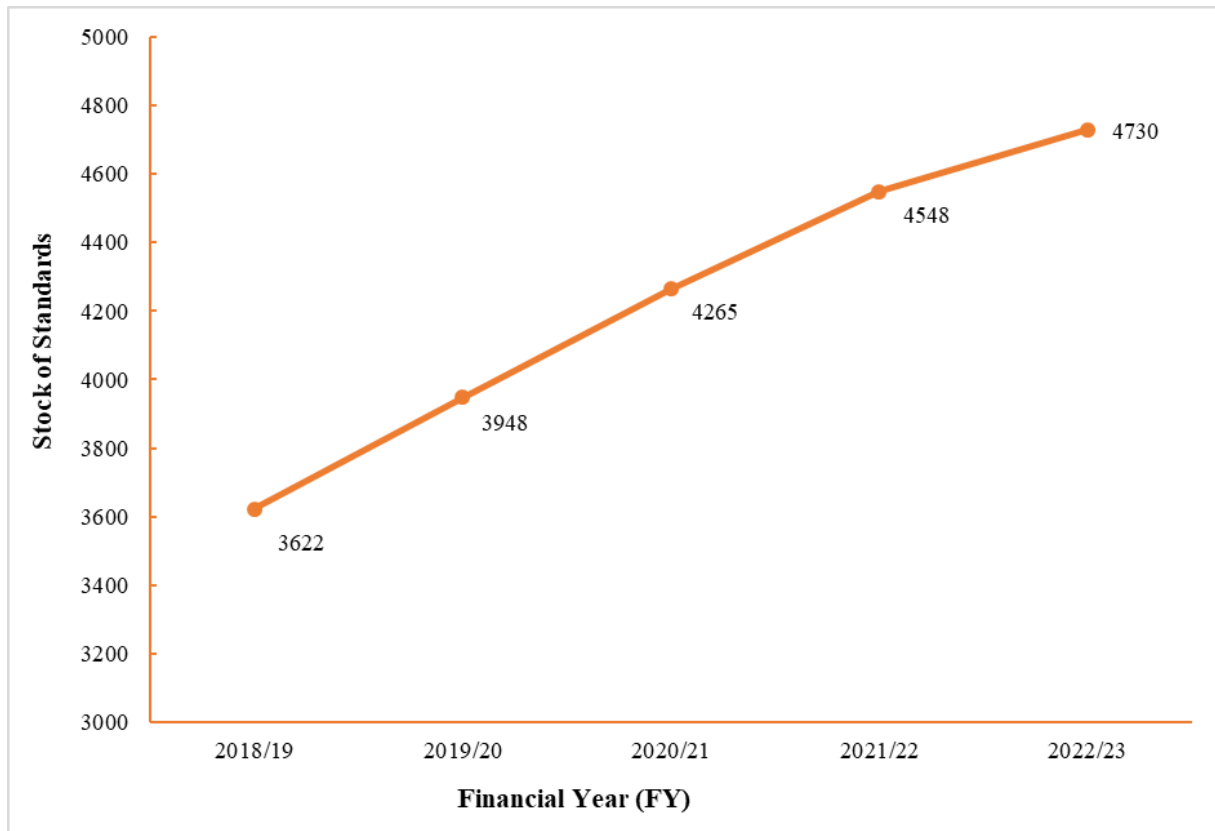


Figure 1: The current stock of Uganda standards indicating origin as of 30th June 2023

In the FY 2022/23, 272 standards were developed and approved by National Standards Council. During the same period, 117 Final Draft Uganda Standards (FDUs) were developed and were awaiting approval by the National Standards Council.

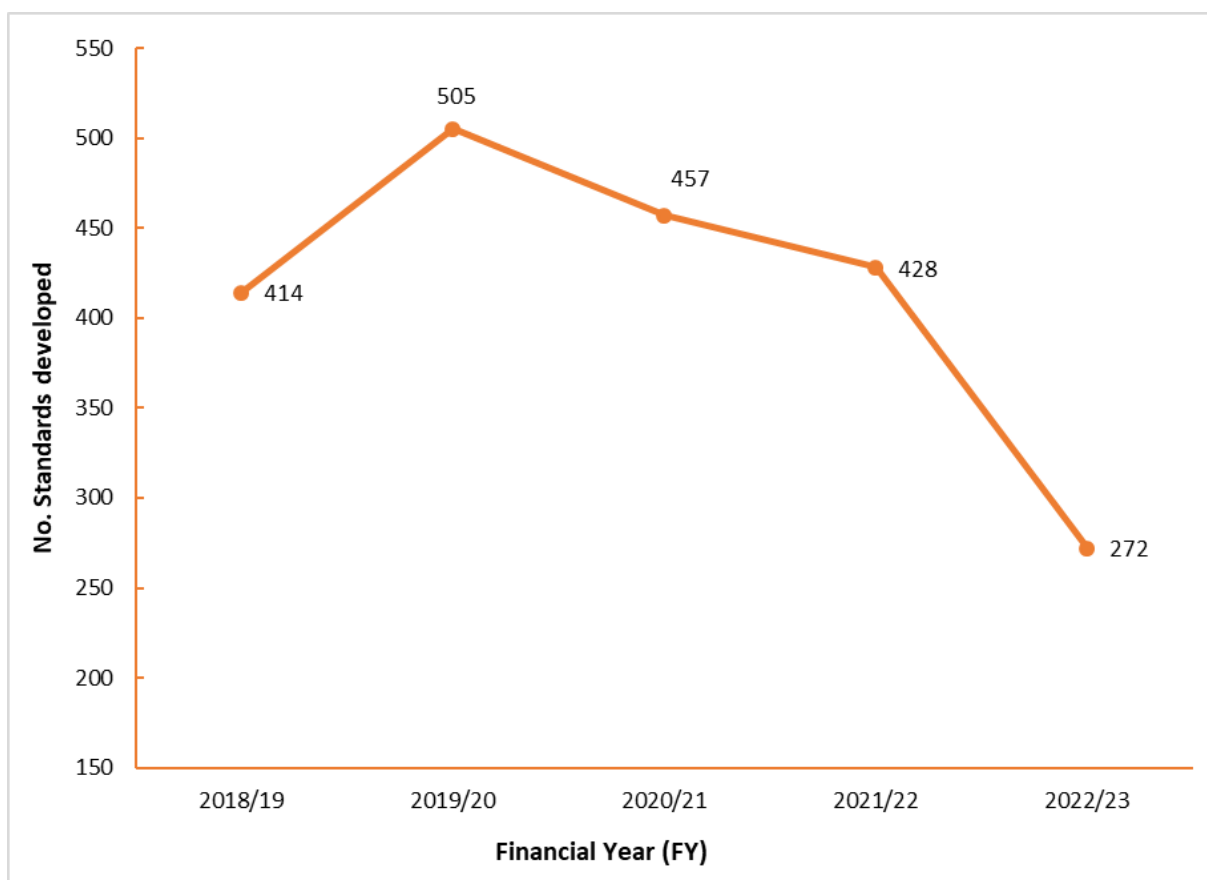


Figure 2: Number of standards Developed

The table below illustrates a breakdown of standards developed in the four categories of Engineering, food and agriculture, chemical and consumer products, management and financial services from the FY 2018/19 to FY 2022/23.

Table 2: Standards developed per category

Standards Development Categories	2018/19	2019/20	2020/21	2021/22	2022/23
Engineering	62	125	101	73	44
Food and Agriculture	96	110	65	66	43
Chemicals and consumer products	212	148	224	178	100
Management systems and services	34	122	67	111	85

2.0 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. The figure below indicates the number of equipment verified from the FY 2018/19 to the FY 2022/23. The number of equipment have been on an increasing trend to date.

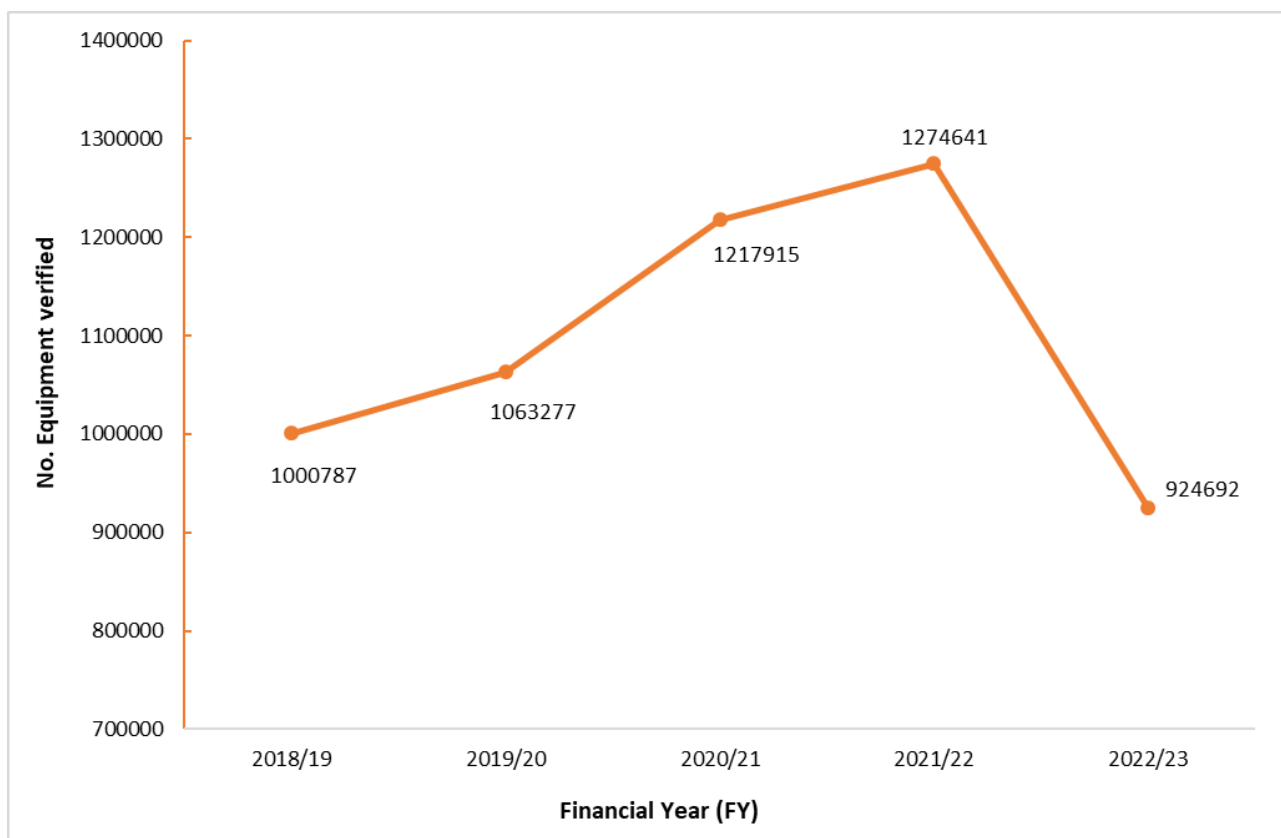


Figure 3: Number of Equipment verified

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 the process controls factors like temperature, dimensions and mass have greatly contributed to the quality of Ugandan products and their acceptability in the region and internationally.

The figure below illustrates the number of equipment calibrated since the FY 2018/19.

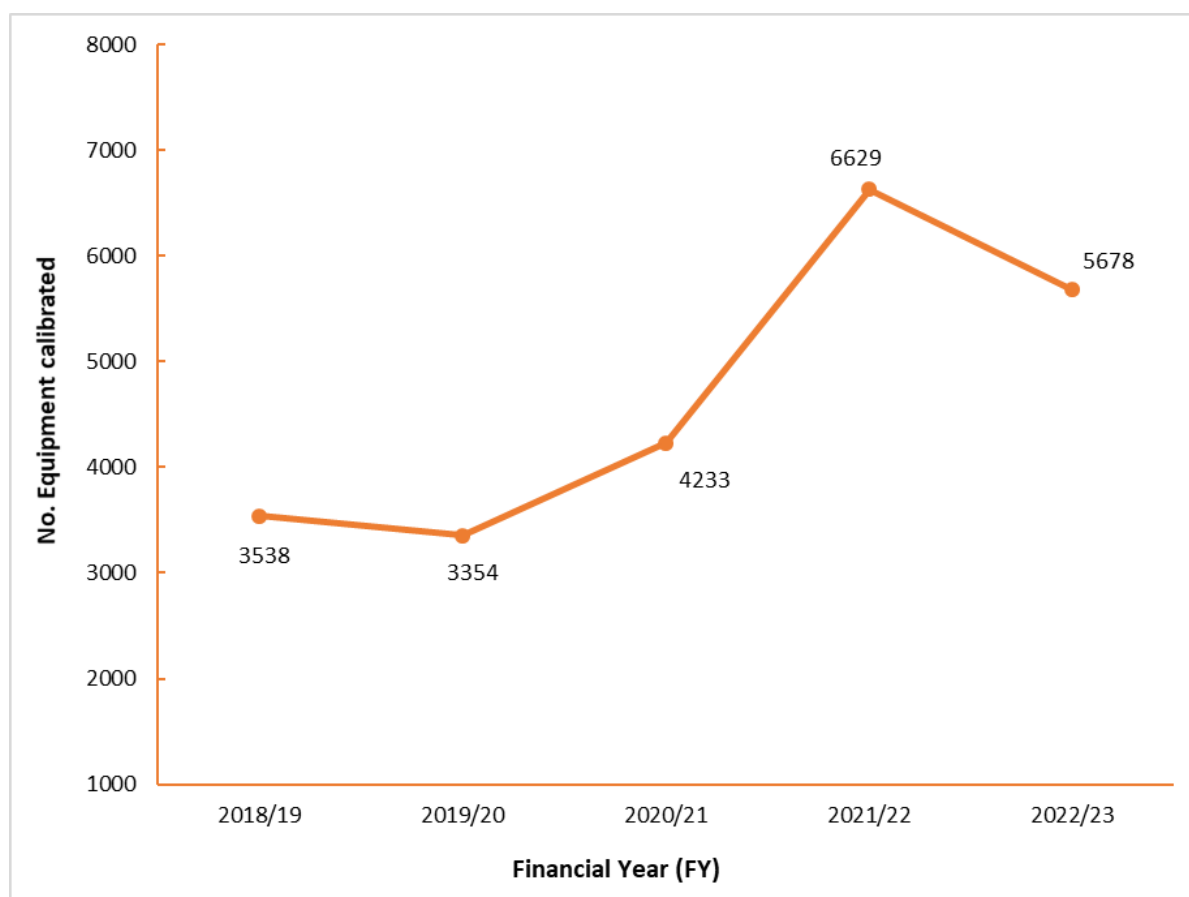


Figure 4: Number of Equipment Calibrated

3.0 CONFORMITY ASSESSMENT

3.1 Imports inspection

UNBS undertakes inspection of imported consignments to prevent Uganda from being a dumping ground for substandard imports, protect consumers/the public, and the environment from harmful/substandard products, promote fair trade and ensure value for money. The Figure below illustrates the trend in the number of consignments inspected from the FY 2018/19 to FY2022/23.

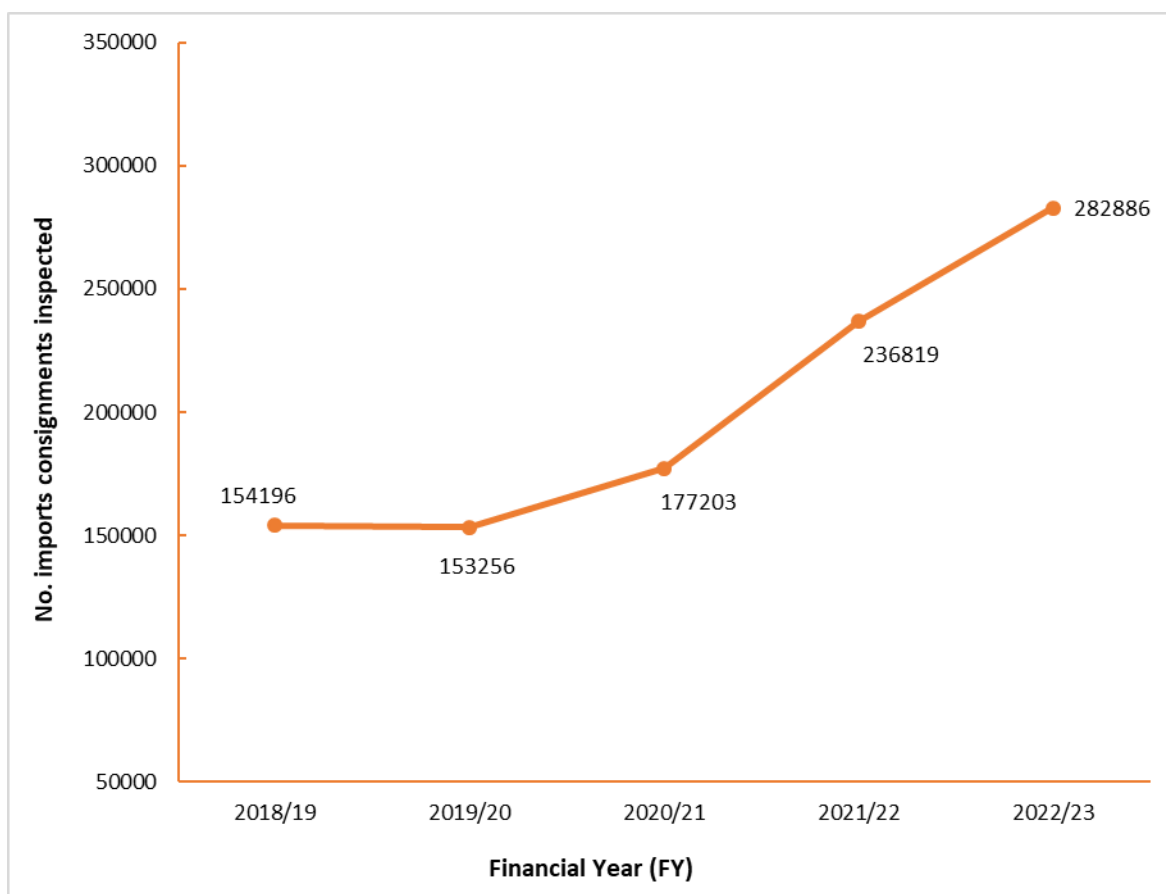


Figure 5: Number of Import consignments inspected

3.1.2 Inspections by category

Table 3: Inspections by category

Category	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
PVOC	78,818	109,527	117,338	65,189	82,083
DI	77,378	43,729	59,865	171,630	129,555
Total	154,196	153,256	177,203	236,819	282,886

3.2 Laboratory Testing

The number of samples tested has been on an increasing trend from FY 2018/19 to FY 2022/23 as illustrated in the Figure below. The increase in testing is attributed to the an increase in demand

for testing services in the country and most importantly the implementation of the Distinctive Mark regulations that made certification of products covered by compulsory standards mandatory.

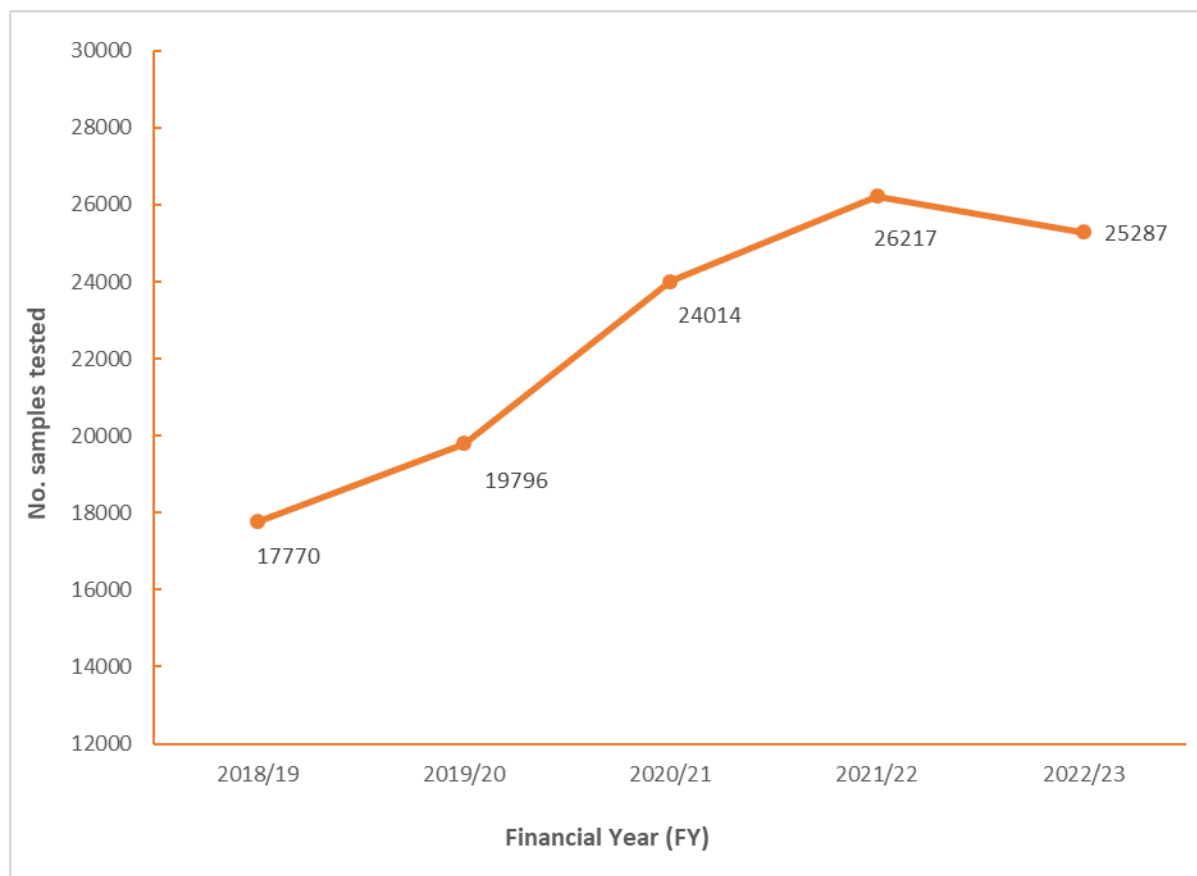


Figure 6: Number of product samples tested

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.

The number of certification permits issued have been on an increasing trend. This was as a result of the introduction of distinctive mark regulation that made certification of products mandatory for products covered with compulsory standards. The trend is indicated in the graph below.

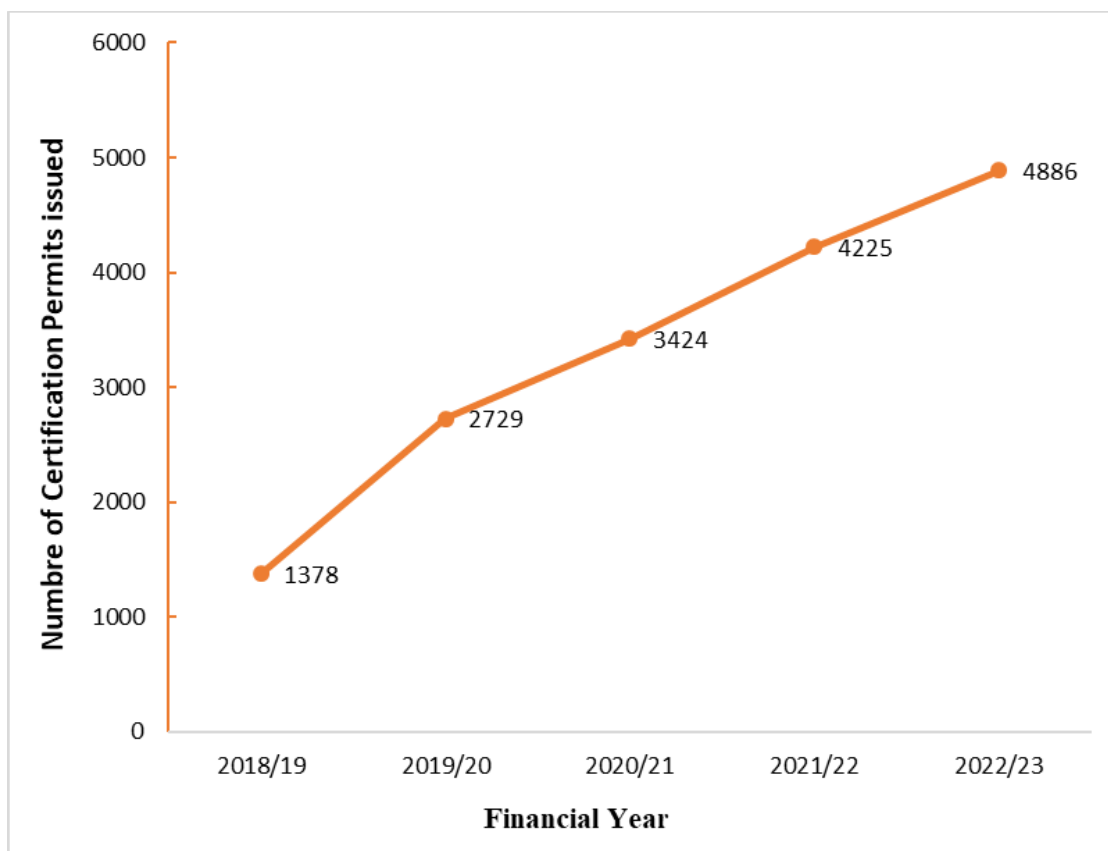


Figure 7: Number of certification permits issued

3.3.1 Certification Activities

The range of certification activities conducted by the Bureau from FY 2018/19 to FY 2022/23 are presented in Table 4 below

Table 4: Certification Activities

Indicator description	2018/19	2019/20	2020/21	2021/22	2022/23
No. of product permits issued	1,378	2,729	3,424	4225	4886
No. of system permits issued	28	24	14	26	33
No. of Audits	1,418	3,109	5701	6793	8351
No. of SME's inspected/supported	1,466	1,372	826	358	539
No. of SME's products certified	201	201	547	639	1114
No. of companies provided with Technical assistance (trainings undertaken)	33	76	43	372	31
No. of SME's registered	1,466	2,634	3,161	447	113

3.3.2 Comparison of application received and permits issued

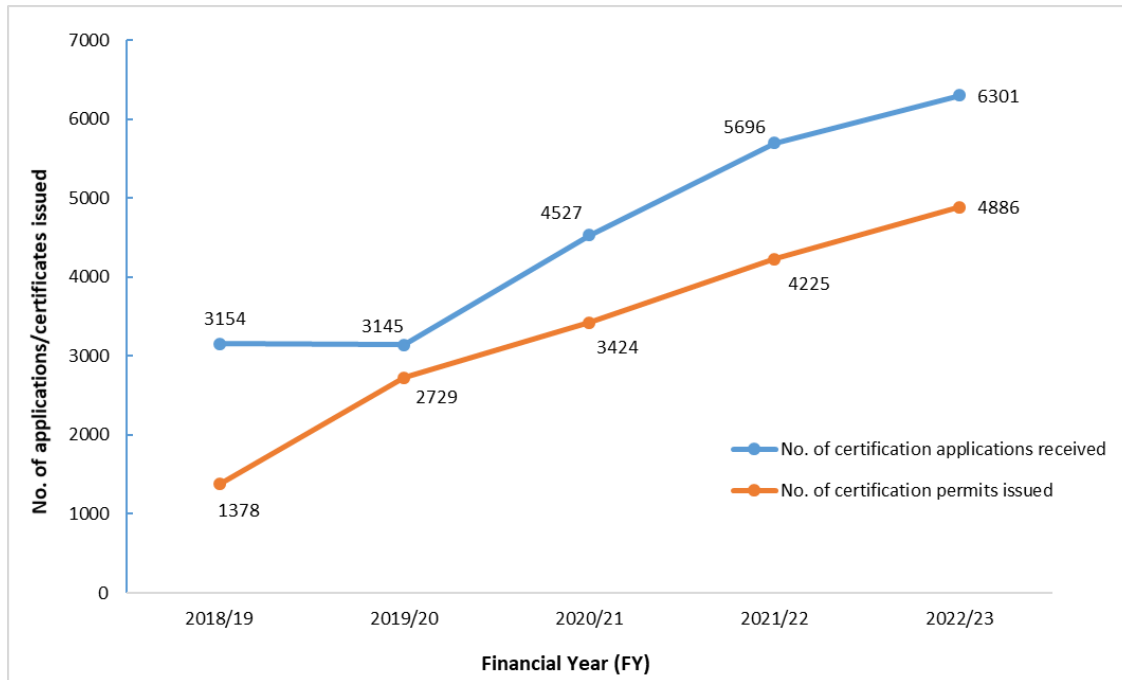


Figure 8: Comparison of application received and permits issued

3.3.3 Percentage of total certification application issued with permit

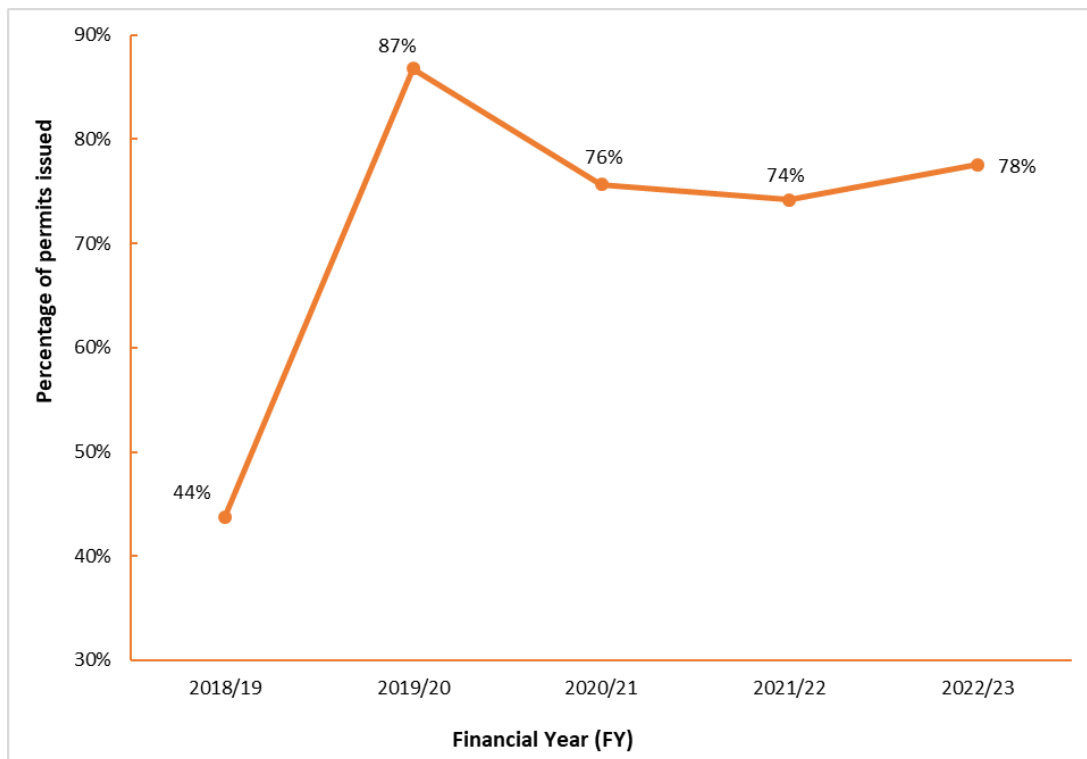


Figure 9: Percentage of total certification application issued with permit

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 FY 2022/23, the Bureau conducted 4,537 inspections of industries, supermarkets, warehouses, wholesale shops and retail outlets all over the country and made 653 seizures of products that were not meeting the minimum safety and quality standards. The performance of the function has been increasing tremendously as illustrated by the line graph below from the FY 2018/19 to the FY 2022/23.

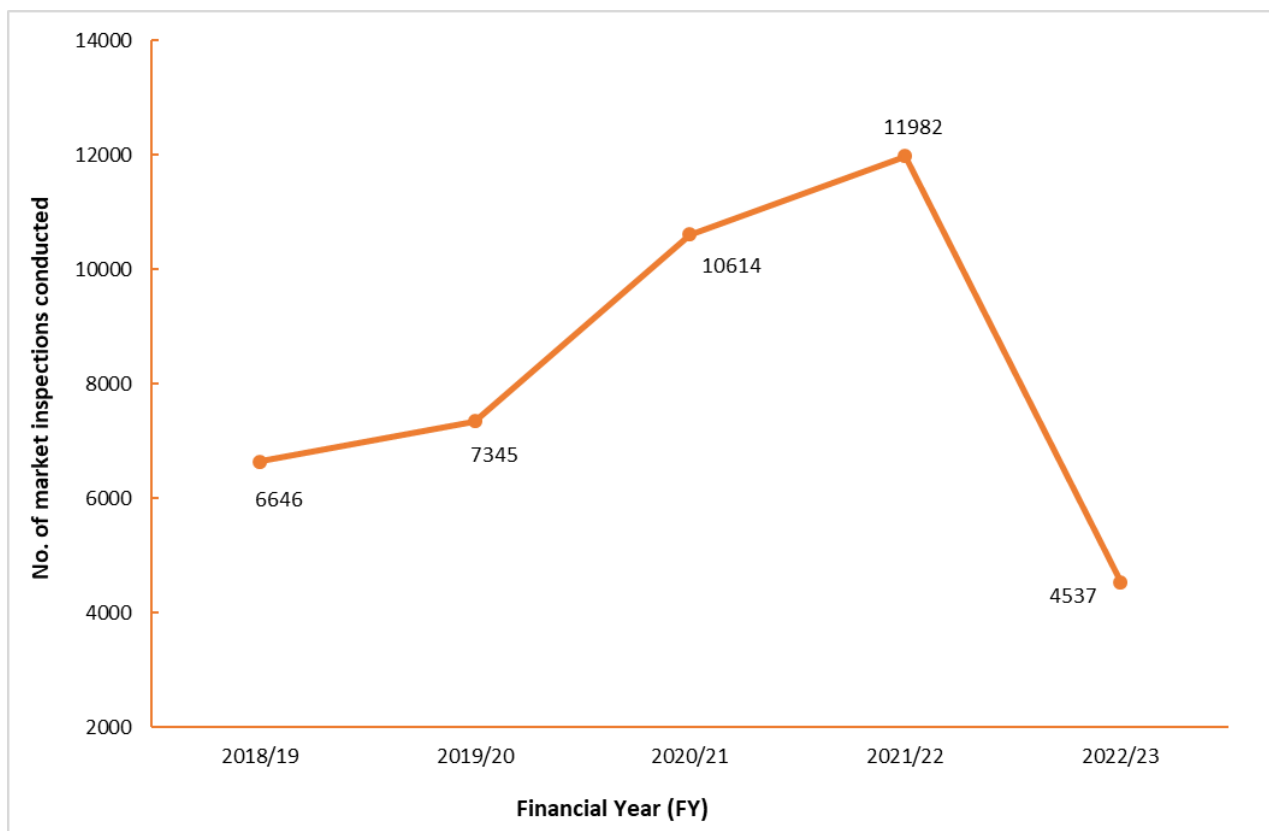


Figure 10: Number of Market outlets inspected

4.0 MANAGEMENT AND FINANCIAL SERVICES

4.1 Finance and Administration

4.1.1 Government of Uganda budget allocations versus Non-tax revenue (NTR) collections by UNBS

The government budget allocations to UNBS have been increasing since FY 2018/19 to FY 2021/22. The NTR collected has equally been increasing of the same period. However, the FY 2021/22 had a sharp drop in the budget allocation from UGX 64.07 Bn to UGX 46.619Bn (Fig 11)

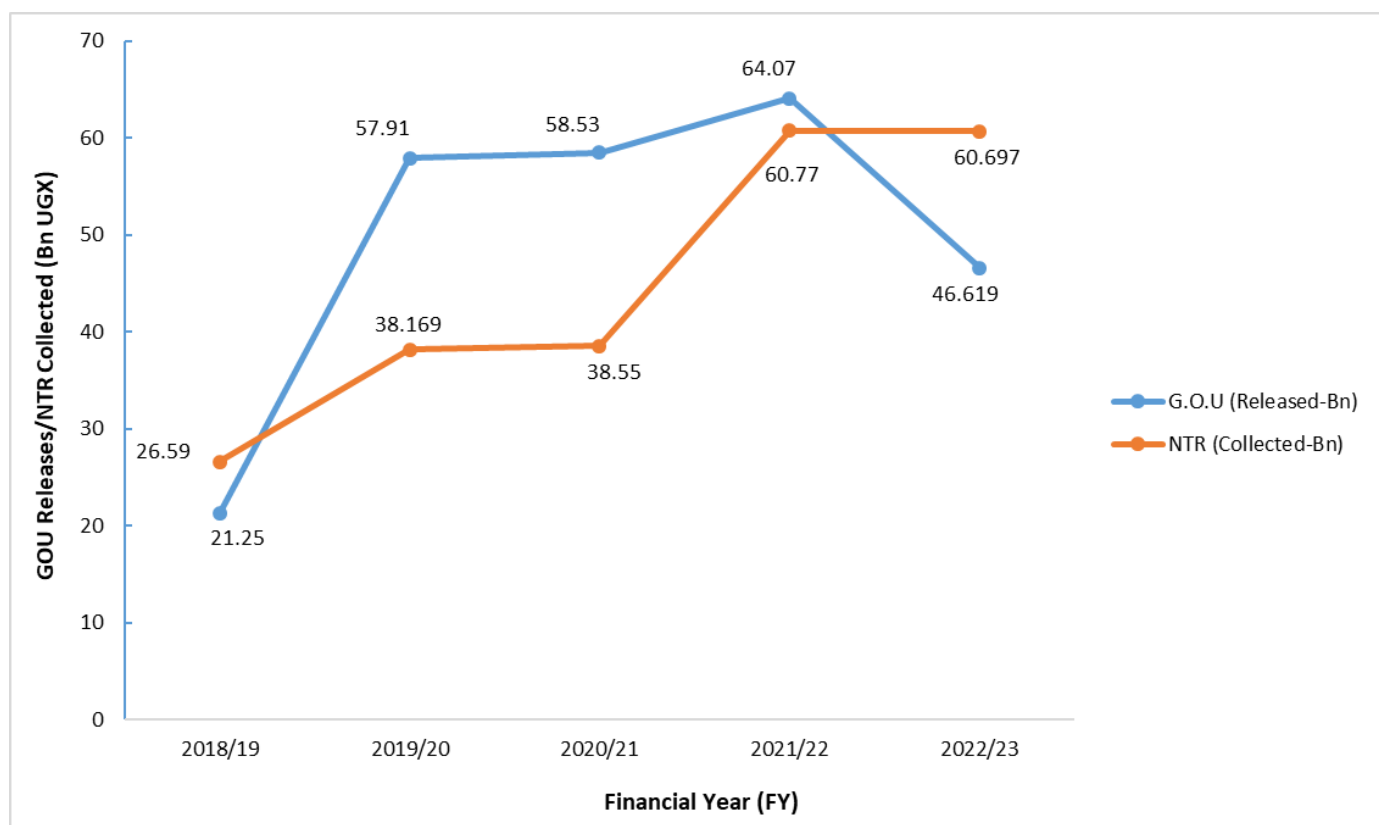


Figure 11: GoU budget allocations and NTR collections by UNBS

4.2 Human resource

The Bureau's staff establishment has increased from 444 in the FY 2021/22 to 492 in FY 2022/23. Table 10 shows the distribution of the staff per department.

The current Male/Female ratio is approximately 3:1 (362 Males and 130 Female) which is consistent with the ratio at the end of the last financial year.

Table 5: UNBS Staff distribution

S/N	Department/Division	No. of Staff				
		2018/19	2019/20	2020/21	2021/22	
1	Audit	5	8	7	7	7
2	Certification	23	39	38	39	48
3	Corporate planning	3	3	3	3	3
4	ED's Office	9	11	12	12	11
5	Finance & Administration	60	62	62	64	68
6	HRD	10	11	11	11	10
7	ICT	10	9	9	10	9
8	Imports Inspection	59	76	74	71	91
9	Legal	2	3	4	4	5
10	Legal Metrology	41	57	59	60	57
11	National Metrology Lab	13	15	16	16	16
12	Public Relations	10	11	11	12	13
13	PDU	3	6	6	5	5
14	Standards	23	34	35	36	36
15	Surveillance	16	27	27	27	37
16	Testing	43	63	65	66	76
17	Graduate interns	7			0	0
18	Contract staff				1	0
	Total	337	435	439	444	492

4.3 Staff Distribution by Gender

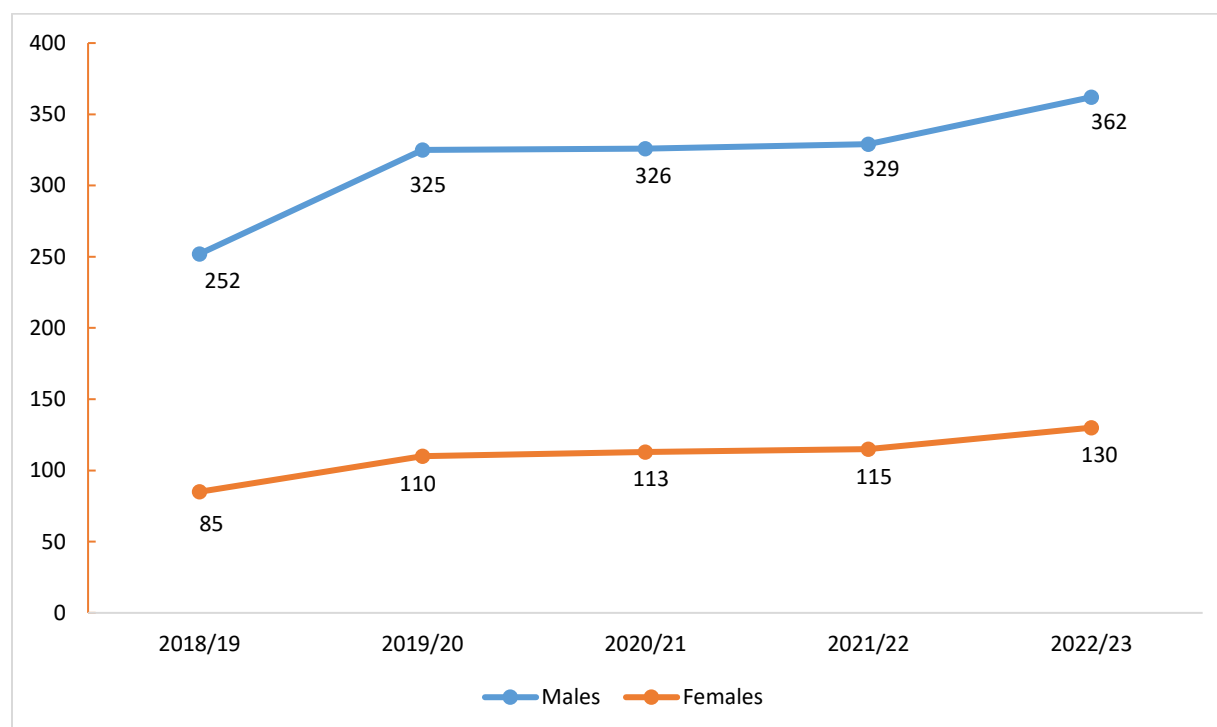


Figure 12: Staff Distribution by Genders

4.4 Public relations and marketing

The Marketing and Public Relations Office undertook a number of activities between July 2022 and JUNE 2023 to raise awareness and promote positive corporate image of UNBS as summarized below:

4.4.1 Ensuring Public Visibility of UNBS Services and Promotion of Standards through the Media.

UNBS maintained a vibrant presence on the mainstream and digital media platforms with mainly positive coverage and reports of UNBS activities and standards work.

Notable among others include; National awareness campaigns on UNBS Support to MSMEs towards certification, PVoC programs, sensitisation on standards for cereal products, steel and oil sub sectors, Decentralisation of UNBS Services and Commissioning of Mbale and Gulu regional laboratories, Promotion of Certification services among MSMEs in great Masaka region and Toro region, back to School Quality campaign as detailed below;

Table 6: Media engagements for FY 2022/23

No	Media Channel	Frequency	Audience Reach	Details
1.	Newspapers and online publications	226	Estimated 15M people	News articles, opinions, Supplements, Public Notices and commentaries
2.	Radios	82	Estimated over 30M people	Radio News coverage, Talk shows and campaigns on Decentralisation of Testing services in Mbale and Gulu, MSMEs Certification AwardS, and promotion of cereals and steel product standards among others
4.	Televisions	82	Estimated about 10 M people	News coverage, targeted TV talk shows & campaign on Decentralisation of Testing services ,Free certification for MSMEs, and promotion of cereals & steel

4.4.2 Stakeholder Engagements

A total of twenty-Nine (**29**) engagements and sensitisation meetings with over 1500 stakeholders standards and UNBS Mandate among.

4.4.3 Customer feedback management

Through the UNBS Toll free line, digital platforms (email and twitter), customer care and front desks, Customer satisfaction surveys, the office registered and attended to customer feedback inform of complaints, and requests for information/inquiries on UNBS mandate.

The feedback received for the period under review is summarised as follows;

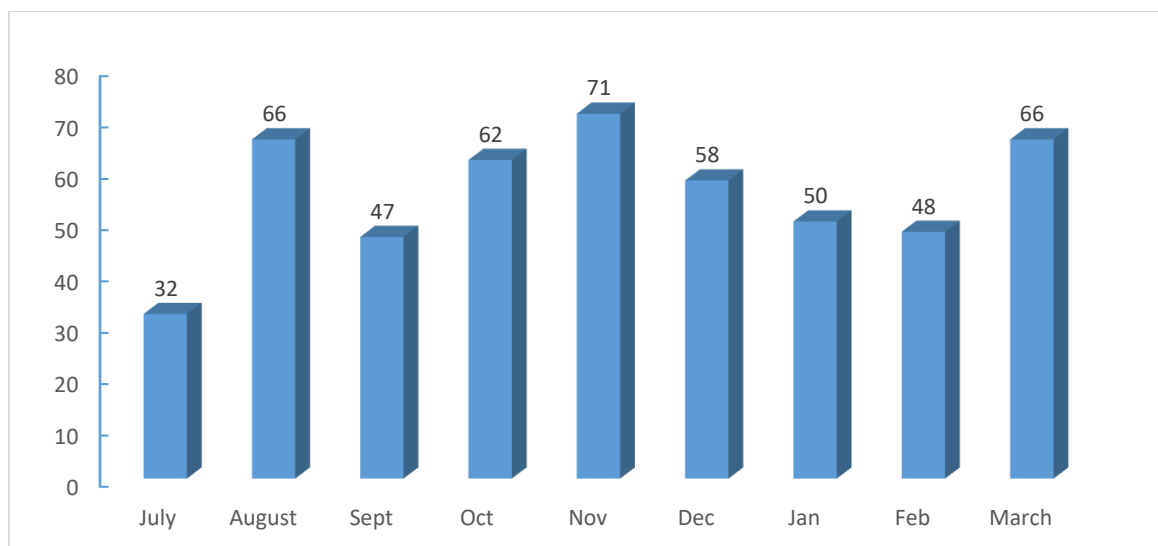


Figure 13: Customer Feedback –July2022- June 2023

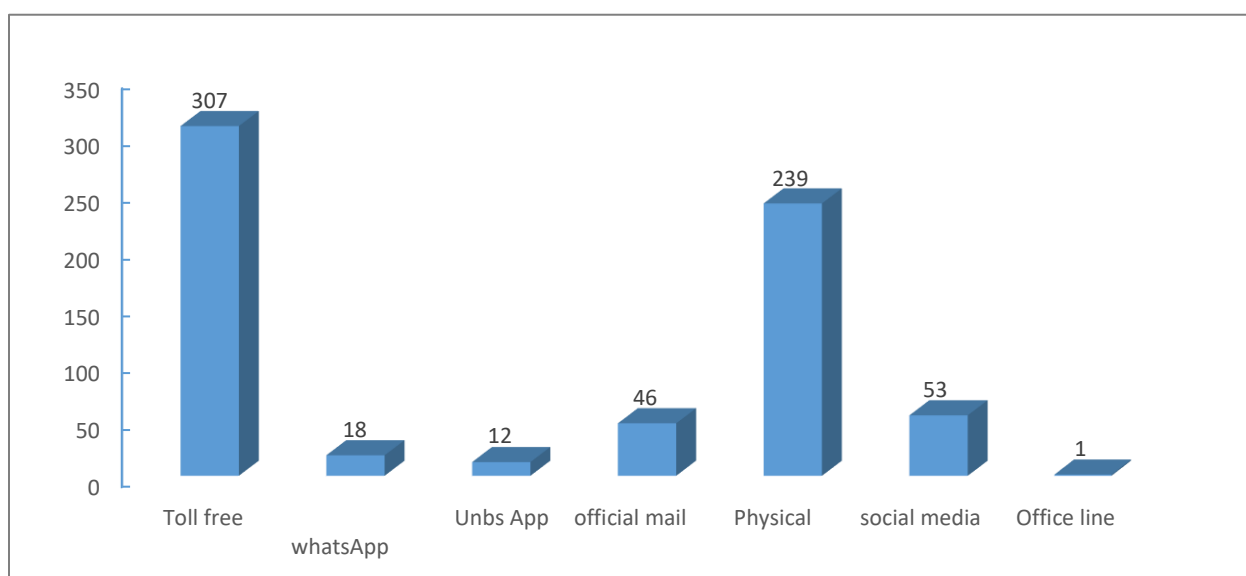


Figure 14: UNBS Service Assessment: July 2022-March 2023

5.0 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 was implemented through the Plan for national statistical development (PNSD) that was aligned with the recently completed NDP II. The 3rd PNSD, has been developed aligned to NDP III. The major reason behind this was to harmonize 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 produced during the implementation of NDP II in the tables below.

5.1 Level I Indicators

Currently, the UNBS strategic plan for statistics was developed to enable UNBS track her performance indicator under NDP III.

UNBS has 2 national standard indicators that 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.

Table 7: National standard Indicators

Indicator	2018/19	2019/20	2020/21	2021/22	2022/23
Level of prevalence of substandard imported and locally produced products on the Ugandan Market.	50%	50%	49%	51%	58%
Number of Ugandan certified products accessing Regional International Markets.	1,378	2,776	3,576	4,200	4,942

Table 8: UNBS Output indicators

Indicator	Description								Baseline	Available data				
	Definition & Standard Classification	Unit of Measure	Disaggregation	Compilation practices	Data Source	Computation method	Accessibility and availability of Data	Periodicity of production	2017/2018	2018/2019	2019/2020	2020/2021	2021/22	2022/23
Uganda National Bureau Of standards (UNBS)														
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 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	254	414	505	457	428	272
Number of certification permits issued	This is the number of certification permits issued	Number	National, Regional, Products /Services	Data generated from routine testing activities at UNBS and used to compile this indicator	Administrative data from Testing Department	Count of product samples tested	UNBS statistical abstract, UNBS annual report, UNBS laboratory Data analytical report	Quarterly, Annually	872	1,378	2,729	3,424	4,225	4,886
Number of product samples tested	This is the number of product samples tested in UNBS laboratories	Number	National, laboratory	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	14472	17,770	19,796	24,014	26,217	25,287

Number of equipment calibrated	This is the number of industrial equipment calibrated	<i>Number</i>	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	2233	3538	3,354	4,233	6,629	5,678
Number of consignments inspected	This is the number of import consignment inspected	<i>Number</i>	National	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	133517	154,196	153,256	177,203	236,819	282,886
Number of equipment verified	This is the number of equipment verified	<i>Number</i>	National <i>Regional</i>	Data generated from routine market surveillance activities at UNBS and used to compile this indicator	Administrative data from Market Surveillance Department	Count of market outlets inspected	UNBS statistical abstract, UNBS annual report	Quarterly, Bi annually, Annually	848456	1000787	1063277	1,217,915	1,274,641	924,692
Number of market outlet inspections conducted	This is the number of market outlets inspected	Number	National <i>Regional</i>	Data generated from routine market surveillance activities at UNBS and used to compile this indicator	Administrative data from Market Surveillance Department	Count of market outlets inspected	UNBS statistical abstract, UNBS annual report	Quarterly, Bi annually, Annually	2278	6646	7345	10,614	11,982	4,537