Identification, Collection and Classification of Non-Tariff Measures (NTMs)

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Data collection and update process

CONTENTS

Classification structure and key concepts

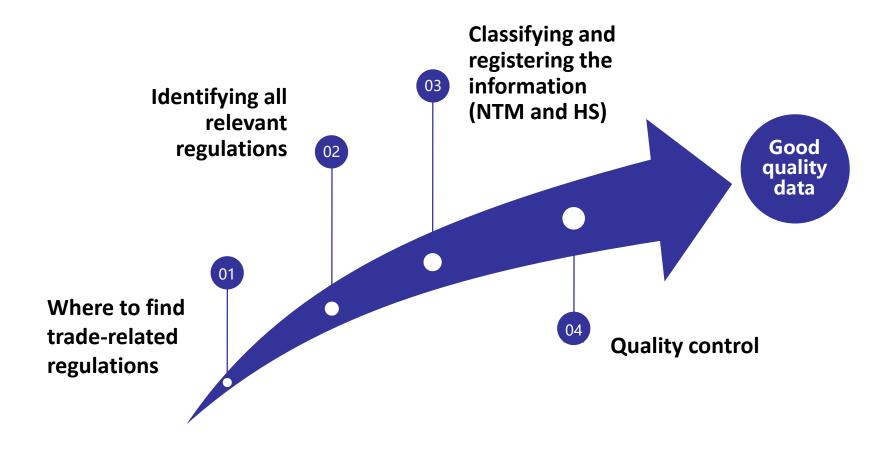
- Case studies and group exercises
 - TRAINS online and other data dissemination tools

1

Data collection and update process



Work Flow of the Data Collection



01 Comprehensiveness

- Identifying all trade-related regulations of a country is one of the biggest challenges of the data collection – but also one of the most important ones
- Every country has a different institutional framework
- Country-expertise is indispensable, no "one size fits all"-approach

Types of official sources:



Centralized sources/publications

Some countries compile and publish all their laws, regulations, acts, decrees, etc across all government institutions in one centralized publication

Decentralized sources

When a centralized source is missing, regulations need to be obtained from various ministries and institutions that regulate trade (*it is essential to obtain all regulations from each source*)





Other sources

Such as WTO notifications

(https://docs.wto.org/dol2fe/Pages/FE_Search/FE_S_S003.aspx), WTO Trade Policy Reviews

(http://www.wto.org/english/tratop_e/tpr_e/tp_rep_e.htm.)

01 Centralized Sources - Examples



ALADI (Association for Latin American Integration)

Consular Services

Invest&Export Brazil

Public Diplomacy

CONSULAR MISSION

abroad

Foreign missions in

The Latin American Integration Association (ALAD), its Initials in Spanish) was created in 1980 to promote the economic and social development of the region, in a process of integration aiming at a gradual and progressive establishment of a common Latin American market. Currently, ALADI has as its members Argentina, Bolivia, Brazil, Chile, Colombia, Cuba, Ecuador, Mexico, Panama, Paraguay, Peru, Uruguay, and Venezuela. Nicaragua is in the process of accession. The group of 13 members of ALADI covers an area of 20 million km/ (nearly five times greater than the area of the 28 countries that comprise the European Union), approximately 530 million inhabitants and a

The Latin American Integration Association (ALADI-LAIA)

ALAD Is the result of a process of regional integration which started at the end of the 1950s, the first milestone being the establishment of the Latin American Free Trade Association (LAFTA) in 1960. LATA was a relatively strict mechanism because it required that any trade concession from a member country to another would be immediately and automatically extended to the others – "the most favored nation clause". This model did not provide the expected gains.

Official journals / gazettes that centralize the publishing of laws across all government institutions





United States of America

- Code of Federal Regulations (CFR) is an annual publication stating the currently applied law
- Federal Register (FR) is a daily journal which published any changes to the current law



01 Decentralized Sources: Examples

	NTM Chapter	Potential responsible Government Bodies
А	Sanitary and Phytosanitary Measures (SPS)	Ministry of Agriculture; Standardization Agency, Ministry of Health, Customs Agency
В	Technical Barriers to Trade (TBT)	Standardization Agency; Ministry of Health; Ministry of Ecology; Ministry of Industry; Ministry of Commerce
С	Pre-shipment Inspection and other formalities	Customs Agency, Standardization Agency
D	Contingent Trade Protective Measures	Ministry of Finance; Ministry of Economy, Industry or Trade; Customs Agency
E	Non-Automatic Licensing, Quotas, Prohibitions and Other Quantity Control Measures	Ministry of Economy, Industry or Trade; Customs Agency
F	Price Control Measures Including Additional Taxes and Charges	Ministry of Economy, Industry or Trade; Customs Agency
G	Finance measures	Ministry of Finance; National Bank
Н	Measures Affecting Competition	Ministry of Economy, Industry or Trade
I	Trade-related investment measures	Ministry of Economy, Industry or Trade
Р	Export-related measures	Ministry of Economy, Industry or Trade; Standardization Agency; Ministry of Agriculture; Customs Agency

O1 Mapping Legal Comprehensiveness

All ministries, departments and subsidiary agencies checked Act/regulation that are trade-related (with url link or electronic copies provided)

Status of the regulation (i.e. unchanged, replaced, amended, repealed, missing) → important for the updating of data

В	C	D	E	F	G	Н		J	K	L	M	N	0	P	Q
Country	Ministry ×	Department •	Subsidiary agenc =	Check? =	Trade-relate =	Link of Ministry/Agency	Document	Regulation =	Link of Regulations	Check' ≅	Trade-Relat ■	Coded ■		Year of Amendment/Version of Reg	ц
Singapore	Ministry of National Development	Agri-Food and Veterinary Authority		1	1	www.ava.gov.sgl	Animals and Birds Act (0	Animals and Birds Act (CHAPTER 7)	https://sso.agc.gov.sg/Act	1	1	1	Amended by Act 48 of 2017	2017	
Singapore	Ministry of Home Affairs	Singapore Police Forces		1	1	https://www.police.gov.sg/	Arms and Explosives Ac	Arms and Explosives (Arms) Rules	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 173/2017	2017	
Singapore	Ministry of Home Affairs	Singapore Police Forces		1	1	https://www.police.gov.sg/	Arms and Explosives Ac	Arms and Explosives (Explosives) Rule	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 174/2017	2017	
Singapore	Ministry of Health	Health Science Authority		1	1	www.hsa.gov.sg/	Biological Agents and T	Biological Agents and Toxins Act (Cha	https://sso.agc.gov.sg/Act	1	1	1	Amended by S 652/2017	2017	Τ
Singapore	Ministry of Trade and Industry	Singapore Productivity and Standards Board (PSB)		1	1	https://www.mti.gov.sg	Consumer Protection (T	Consumer Proteotion (Safety Requirer	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 14/2018	2018	1
Singapore	Ministry of Finance	Singapore Customs Authority		1	1	https://www.customs.gov.sg/	Customs Act (Chapter 7	Customs (Motor Vehicles Special Tax)	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 59/2017	2017	T
Singapore	Ministry of Finance	Singapore Customs Authority		1	1	https://www.customs.gov.sg/	Customs Act (Chapter 7	Customs Regulations	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 56/2017	2017	1
Singapore	Ministry of Trade and Industry	Economic Development Board		1	1	https://www.edb.gov.sg/	Economic Expansion In	Economic Expansion Incentives (Relie	https://sso.agc.gov.sg/Act	1	1	1	Amended by Act 39 of 2017	2017	1
Singapore	Ministry of Trade and Industry	Energy Market Authority of Singapore	,	1	1	https://www.ema.gov.sg/	Electricity Act (Chapter I	Electricity (Electrical Installations) Regr	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 185/2018	2018	1
Singapore	Ministry of National Development	Agri-Food and Veterinary Authority		1	1	www.ava.gov.sgl	Endangered Species (In	Endangered Species (Import and Expo	https://sso.ago.gov.sg/Act	1	1	1	Amended by \$ 103/2016, Amended by \$ 103/2016, Amended by \$ 595/2016, Amended by \$ 737/2016, Amended by \$ 155/2017, Amended by \$ 563/2017		
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sg/	Energy Conservation Ac	t Energy Conservation (Fuel Economy L	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 775/2017	2017	1
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sg/	Energy Conservation Ac	Energy Conservation (Registrable Goo	ds) Order 2013	1	1	1	has been revoked	2013	1
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sg/	Energy Conservation Ac	Energy Conservation Act (Chapter 320	https://sso.ago.gov.sg/Act	1	1	1	Amended by Aot 30 of 20"	1 2017	1
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sg/	Energy Conservation Ac	ENERGY CONSERVATION (GREENHO	https://sso.agc.gov.sg/SL/	1	1	0	SL 746/2017	2017	1
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sg/		ENERGY CONSERVATION (REGULATED GOODS AND REGISTERED SUPPLIERS)	https://sso.agc.gov.sg/SL /ECA2012-S748- 2017?DocDate=20171222	1	1	0	SL 748/2017	2017	
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sg/	Energy Conservation Ad	ENERGY CONSERVATION (MOTOR V	https://sso.agc.gov.sg/SL/	1	1	0	Amended by S 36/2018	2018	Ι
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sg/	Energy Conservation Ac	ENERGY CONSERVATION (PRESCRIBED REGULATED GOODS) ORDER 2017	https://sso.agc.gov.sg/SL /ECA2012-S747- 2017?DocDate=20171222	1	1	0	SL 747/2017	2017	
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1		Energy Conservation Ac	ENERGY CONSERVATION (GREENHOUSE GAS MEASUREMENT AND REPORTING) REGULATIONS 2017	https://sso.agc.gov.sg/SL /ECA2012-S746- 2017?DocDate=20171222 #Sc-	1	1	0	No. S 746	2018	
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sg/	Environmental Protection	Environmental Protection and Manage	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 782/2017	2017	1
Singapore	Ministry of the Environment and Wa	National Environment Agency		1	1	www.nea.gov.sgl	Environmental Proteotic	Environmental Protection and Manage	https://sso.ago.gov.sg/SL/	1	1	1	Amended by S 372/2016, Amended by S 26/2017, Amended by S 480/2017, Amended by S 396/2017, Amended by S 480/2017, Amended by S 781/2017, Amended by S 781/2017, Amended by S 183/2018		
Singapore	Ministry of the Environment and Wa	- ,		1	1	www.nea.gow.sg/	Environmental Proteotic	Environmental Protection and Manage	https://sso.ago.gov.sg/Act	1	1	1	Amended by Act 4 of 2016, Amended by S 378/2016, Amended by S 263/2016, Amended by S 27/2017, Amended by Act 24 of 2017, Amended by S 126/2017, Amended by S 783/2017, Amended		
Singapore	Ministry of Communications and Inl	Info-Communications Media		1	1	https://www.imda.gov.sg/	Films Act (Chapter 107)	Films (Fees) Regulations	https://sso.agc.gov.sg/SL/	1	1	1	Amended by S 466/2016	2016	

02 Classification's Scope of NTMs

All regulations that are:



Examples: Identifying NTM-Related Regulations

The production, import, export and trade of pharmaceutical for the veterinary, shall be determined by a joint prakas (joint proclamation) of the Ministry of Health and the Ministry of Agriculture, Fishery and Forestry



Source: Amendment of the Law on the Management of Pharmaceuticals of Cambodia (2007)

Importation of plants and related plant products capable of harboring plant pests must be accompanied by a Phytosanitary or Health Certificate issued by the Plant Quarantine Service or its equivalent technical entity in the country of origin stating among others that the materials are free from pests.



Source: BPI Quarantine Administrative Order No. 01 series of 1981 (Philippines)



O3 Steps in Registering NTMs Information

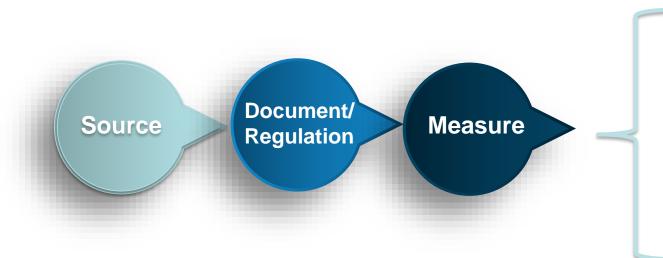
Registering the origin of the data in a systematic way is important

- To make the information traceable for users
- To enable future updates
- To enable quality checking



Source_Name	NZ Legislation website, <u>www.legislation.govt.nz</u>
DocumentTitle	Electricity Act 1992
RegulationTitle_Short	Electricity (Safety) Regulations 2010
Regulatory_Agency	Ministry of Business, Innovation and Employment
Web link	www.legislation.co.nz/regulation/public/2010/0036/latest/DL M2763501.html

03 Steps in registering NTMs information



Affected products

Affected country

Objective/purpose (where appropriate)

- 41	^	D	0	E	0		1	1 1	l v	1 1		NI.	0
1	A Measure d	Document Title	Title Short	NTM M4 Code	Implementation Date	Measure Repealed Date	Measure Description	Measure Reference	Affected Products Description	Affected Regions Description	Measure a Objectives	N Measure also domestic	O
1407	175111	ministerial notice on blood bag,	Ministry of Public Health's ministerial notice on blood bag, 2013	В7	2014-02-19	2016-04-05	Blood bags need to have standard and regulation following Ministry of Industry's ministerial notice on industrial product standard of sterilized plastic for containing blood and its ingredient (TIS 1298-2555).	Page 1, item 4	Blood bags	World	For controlling medical devices and conforming to international standard of controlling	Yes	TIS stands for Thailand In Standard.
1408	175112	Ministry of Public Health's ministerial notice on blood bag, 2013	Ministry of Public Health's ministerial notice on blood bag, 2013	B41	2014-02-19	2016-04-05	Blood bags shall be manufactured by a manufacturer who obtains certification for manufacturing quality for such product in accordance with the national standard or international standard such as GMP, ISO 13485.	Page 1, item 5	Blood bags	World	For controlling medical devices and conforming to international standard of controlling	Yes	
1409	175113	ministerial notice on blood bag,	Ministry of Public Health's ministerial notice on blood bag, 2013	B14	2014-02-19	2016-04-05	Biodo aggs snail be medical devices which manufacturers or importers need to get a license following Ministry of Public Health's ministerial regulation on permission and issuance of license to import medical devices, 2012. This regulation indicates that any person who has registered a relacent establishment of additional to the person who has registered a relacent establishment of additional to the person who have included any local medical to the person who have registered and research of establishment of additional to the person who have the person of the person who have the pe	Page 1, item 2	Blood bags	World	For controlling medical devices and conforming to international standard of controlling	Yes	MINISTRY OF PUBLIC HEARTH'S ministerial regulation on permission and issuance license to import medical 2012. Link: http://newsser.fda.moph.c
1410	175114	Ministry of Public Health's ministerial notice on blood bag, 2013	Ministry of Public Health's ministerial notice on blood bag, 2013	B82	2014-02-19	2016-04-05	resting of blood bags shall be in line with industrial product standard (TIS 1298). A drawn sample and consideration criteria of blood bag shall be in accordance with the standard of industrial product. A licensee to manufacture or import blood bags shall collect a sample of blood hans for each model manufactured or importation in Packaging of blood dag fleet of nave label in Inai of accasing of blood dag fleet of nave label in Inai of the control of the standard of		Blood bags	World	For controlling medical devices and conforming to international standard of controlling	Vac	TIS stands for Thailand In Standard.
1411	175115	ministerial notice on blood bag,	Ministry of Public Health's ministerial notice on blood bag, 2013	B31	2014-02-19	2016-04-05	Packaging of totood dag need to nave label in I hail or English and shall display, at least, the followings: (1) Name and trademark; (2) Net amount, (3) Number or letter illustrating the lot number or model; (4) Month and year of expired:	Page 2, item 8	Blood bags	World	For controlling medical devices and conforming to international standard of controlling	Yes	
											JNCTA	D	

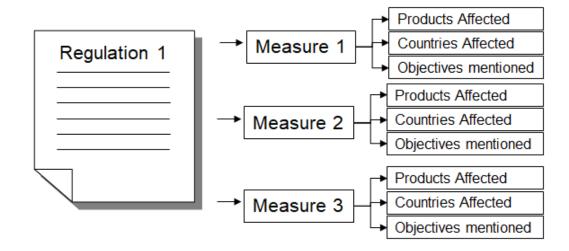
Distinguish a "*Measure*" with a "*Regulation*"

Regulation

Law, decree, etc. issued officially by a government

Mandatory trade control requirement enacted through such an official regulation

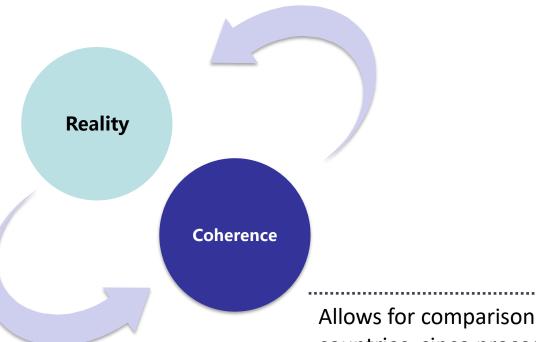
One official regulation could bear several NTM



Key Principles for Registering NTMs

Global comparable and comprehensive database

Reflects the reality as much as possible



Allows for comparisons across countries, since procedures for data collection are the same

NTM Data Update in ASEAN

Data

- Collected at the reporter-yearpartner-product – NTM level
- All trade regulations that were in force up to March 30, 2018
- Include bilateral NTMs and measures applied to the whole world
- Products are defined for all 10 counties at the ASEAN Harmonized Tariff Nomenclature (AHTN 2017) at the 8-digit level

Methodology

- Understand legal system of the country (hierarchy of laws and regulations)
- Identify agencies/institutions issuing traderelated regulations (sources)
- Collect trade-related regulations from identified agencies (based on the 4 principles)
- Compare with previously collected data and check for amendments/newly issued regulations/repeals.
- Record all changes including amendments, repeals and newly issued NTMs in UNCTAD's database



2

Classification structure and key concepts

Structure of Classification (NTMs affecting trade)

Import Measures

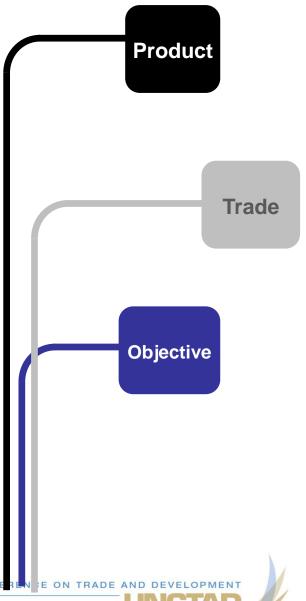
Technical Measures

Non-Technical Measures

Export Measures

Technical Measures

Non-Technical Measures



Structure of Classification

Import measures

Technical Measures A SPS

B TBT

C Pre-shipment inspection and other formalities

D Contingent trade-protective measures

E Non-automatic licenses, quotas, prohibitions, quantity-control

F Price-control measures, taxes and charges

G Financial measures

H Measures affecting competition

I Trade-related Investment measures

J Distribution Restrictions

K Restrictions on Post-Sales Services

L Subsidies

M Government Procurement restrictions

N Intellectual Property

O Rules Of Origin

Non-Technical Measures

Export measures

P Export-related Measures



Tree Structure

 Each individual chapter (one digit, letter A-P) is divided into groupings using a tree/branch structure with depth of up to three additional levels (2, 3, and 4 numerical digits).

More digits indicate more disaggregation – more detailed measure

categories.

```
Tree structure -- for example:
   A Sanitary and Phytosanitary (SPS) measures
    A1 Prohibitions/restrictions of imports for SPS reasons
       A11 Temporary geographic prohibition
    A2 Tolerance limits for residues and restricted use of substances
      (...)
    A3 Labelling, marking, packaging requirements
    A4 Hygienic requirements
    A5 Treatment for the elimination of pests and diseases.
       A51 Cold/heat treatment
      A52 Irradiation
      (...)
    A6 Requirements on production/post-production processes
    A8 Conformity assessment.
       A81 Product registration
      A82 Testing requirement
       A83 Certification requirement
       A84 Inspection requirement
       A85 Traceability requirement
               A851 Origin of materials and parts
               A852 Processing history
       A86 Quarantine requirement
       A89 Other conformity assessments
```



SPS and **TBT**: The Differences

SPS measures

10%

- Ensure that food is safe for consumers
- Prevent the spread of pests/diseases among animals, plants or humans

TBT measures

Standards or mandatory requirements on product characteristics or their related processes or production methods, including technical regulations, testing and certification procedure

70%

SPS and TBT Objectives: Decision-Making Diagram

Not differentiated through objective!

Food safety, pests, diseases

SPS

Objective of protecting human, animal & plant life or health, or a country from the risks of:

- the entry, establishment or spread of pests, diseases, diseases carrying or causing organisms;
- additives, toxins, contaminants of disease-causing organisms in food, beverages, or feedstuffs
- diseases carried by animals, pests or plants or products thereof;

Does the measure lay down mandatory requirements either on:



- Product characteristics
- Production processes or methods
- Conformity assessment

To fulfil an objective of protecting *inter* alia

TBT

Human life/health

Occupational health hazards

Environment

Endangered species Emissions levels

Consumers

Prevention of deceptive practices

Other

Quality, national security, technical harmonization

Others

Probably, chapter E

No

(e.g. licenses, permits, quotas and other quantitative restrictions)









Technical Regulations: Important Principles

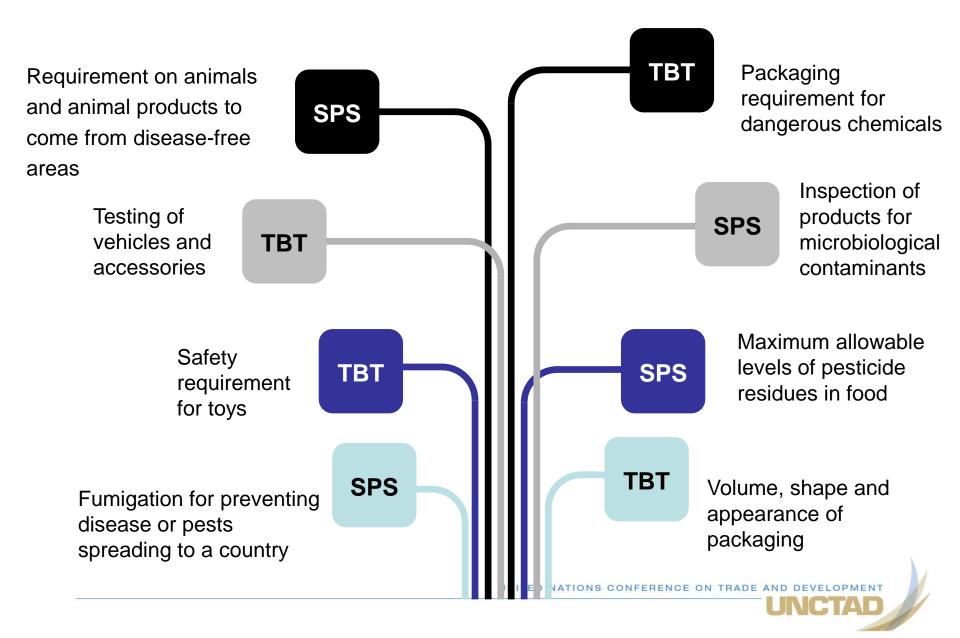
01

There is no overlap in coverage between the SPS and TBT agreement, it is possible that the same regulation contains both SPS and TBT measures for different requirement, but not possible for one requirement to have both SPS and TBT at the same time(only exception is labelling requirement).

02

Neither SPS nor TBT are defined according to product coverage alone. It shall be defined by the objective of the measure plus affected product.

SPS and **TBT**: Simple Examples



Other Chapters

mport measures

Technical Measures A SPS

B TBT

Pre-shipment inspection and other formalities

Non-Technical Measures

- D Contingent trade-protective measures
- E Non-automatic licenses, quotas, prohibitions, Quantity-control
- F Price-control measures, taxes and charges
- G Financial measures
- H Measures affecting competition
- I Trade-related Investment measures
- J Distribution Restrictions
- K Restrictions on Post-Sales Services
- L Subsidies
- M Government Procurement restrictions
- N Intellectual Property
- O Rules Of Origin

Export neasure

Export-related Measures

Other Chapter: C Pre-shipment Inspection

С	Pre-shipment Inspection
C1	Pre-shipment inspection
C2	Direct consignment (no 3rd country)
C3	Requirement to pass through specified port of customs
C4	Automatic licensing (monitoring and surveillance)
C9	n.e.s

Other Chapters: D - I

D	Contingent trade-protective measures - Antidumping, countervailing, safeguards
E	Non-automatic licenses, quotas, prohibitions, etc Non-automatic licenses (other than SPS or TBT), quotas, prohibitions, Voluntary Export restriction (VER), Tariff rate quotas
F	Price-control measures, taxes and charges - Minimum prices, reference prices, Voluntary export-price restraints (VEPRs), taxes, charges, fees
G	Financial measures - Multiple exchange rates, foreign exchange restrictions, advance payments for imported goods or tariffs
Н	Measures affecting competition - State-trading enterprises, Compulsory use of national services or insurance or transport
I	Trade-related Investment measures - Local content, Trade-balancing, that limit imports or requires certain levels of exports to compensate

Other Chapters: J-O

J	Distribution restrictions - on distribution restrictions, describes restrictive measures related to the internal distribution of imported products.
K	Restrictions on post-sales services - deals with restrictions on post-sales services, for example restrictions on the provision of accessory services.
L	Subsidies and other forms of support - contains measures that relate to the subsidies that affect trade
M	Government procurement restrictions - on government procurement restrictions, describes the restrictions bidders may find when trying to sell their products to a foreign government.
N	Intellectual property - contains restrictions related to intellectual property measures and rights.
0	Rules of origin - on rules of origin, groups the measures that restrict the origin of products or its inputs.

^{*} Chapter J-O is not actively collected before the launch of the new "International Classification on NTMs" (2019)



Other Chapters: P Export Measures

P	Export measures
P1	Export measures related to sanitary and phytosanitary measures and technical barriers to trade
P2	Export formalities
P3	Export licences, export quotas, export prohibition and other restrictions other than sanitary and phytosanitary or technical barriers to trade measures
P4	Export price-control measures, including additional taxes and charges
P5	State-trading enterprises, for exporting; other selective export channels
P6	Export-support measures
P7	Measures on re-export
P9	Export measures, n.e.s

P Export Measures

Parallel to chapters of import measures

P13: production and post-production requirements to export

- Hygienic requirements related to SPS (see example in A4)
- Treatment for elimination of plant and animal pests and disease-causing organisms in the final products (e.g. post-harvest treatment) or prohibition of treatment (see examples in A5)
- Other requirements on production or post-production processes related to SPS (see examples in A6)
- Production or post-production processes related to TBT (see examples in B4)

3

Case studies and group exercises



Case Study 1: Measures on SPS

Revised Rules, Regulations and Standards Governing the Importation of Meat and Meat Products into the Philippines (2005)

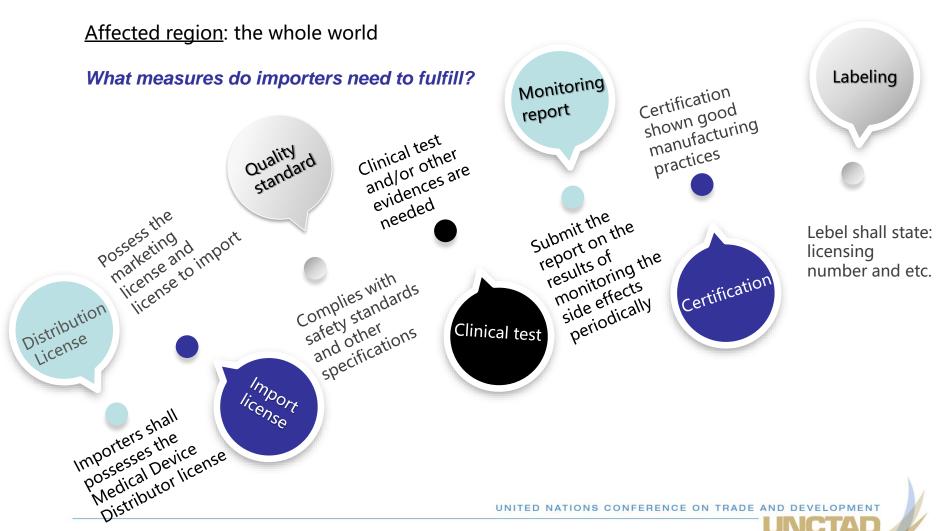
What are the measures imposed on importers to import meant and related products into Philippines?



Case Study 2: Measures on TBT

Regulation Regarding Medical Devices and Household Products (2010)

Affected product: Medical Devices and Household Products

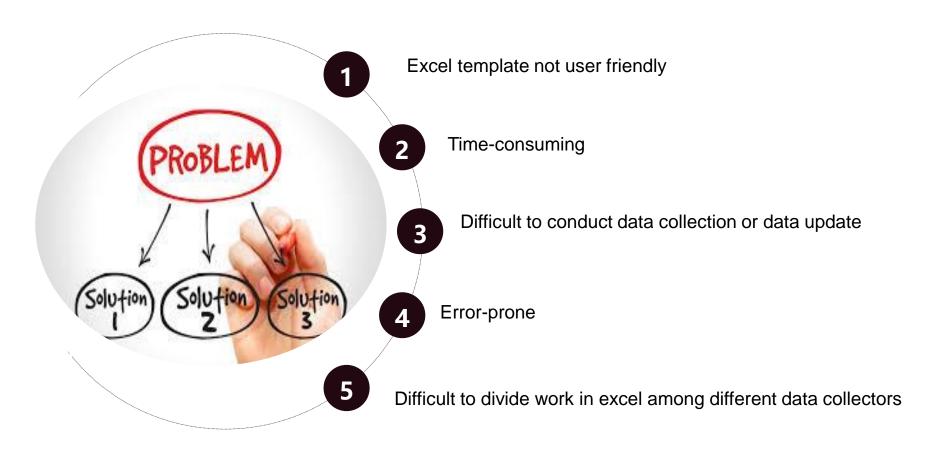


4

NTM data entry using TRAINS Online Tool and other dissemination tools

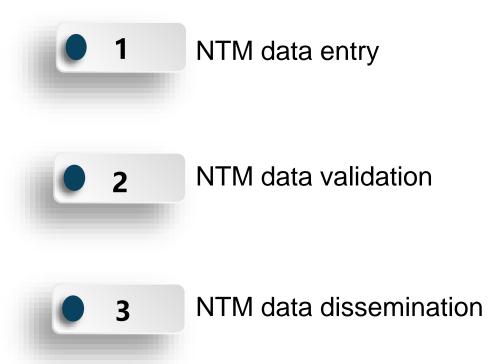
Introduction to TRAINS Online Tool

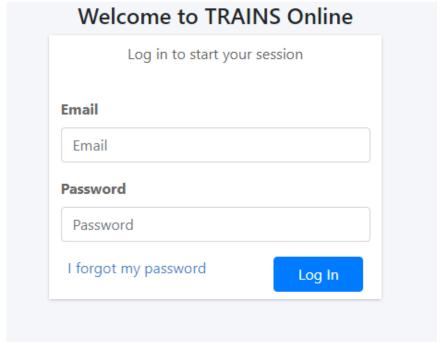
Issues for using excel template to enter information on NTMs:



Introduction to TRAINS Online Tool

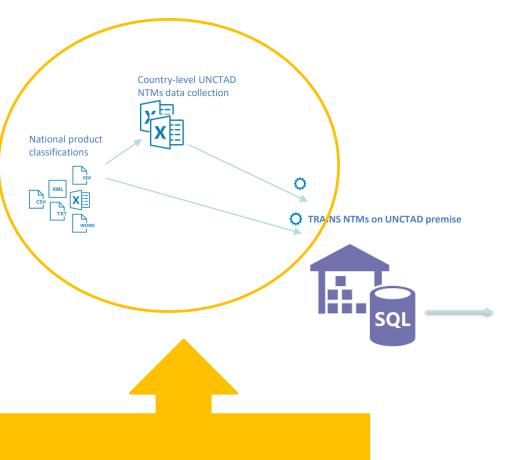
Real-time & collaborative online application that comprises of:



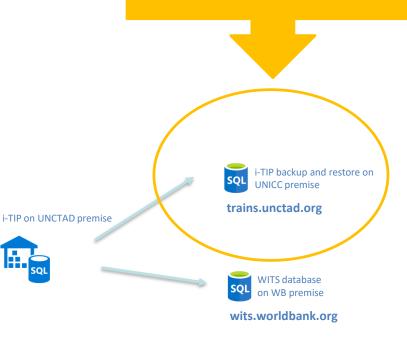


TRAINS Online Tool – Data Entry

How data was previously collected:



Replace with TRAINS
Online dissemination tool



Replace with TRAINS Online data entry tool

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

TRAINS Online Tool - Data Entry

Function include:

Allow input of new NTM data which addresses current data entry limitations (using excel)

Allow update existing NTM data

Incorporate automatic consistency checks for both input and update of NTM data

Allow bulk upload of existing and external NTM data into the online system

Role-based access control for users: 1) Data Collector 2) Data Collection Supervisor 3) HS Coder 4) HS Code Supervisor

TRAINS Online Tool - Data Validation

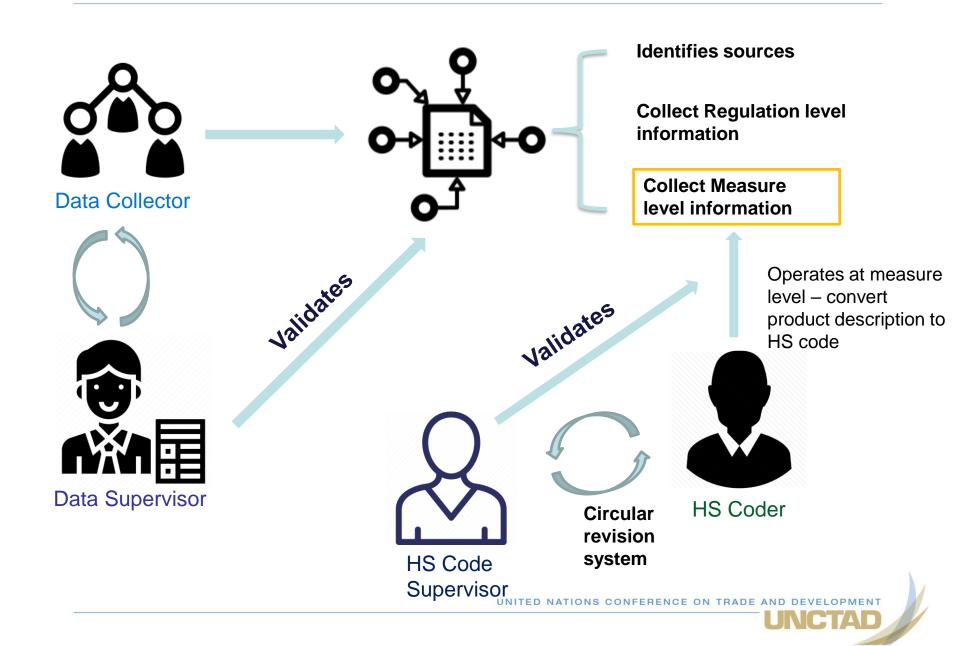
Function include:

Allow NTM data to be validated and trackable through user-friendly dashboards and notifications

Incorporate a circular revision system of NTM data, in which flagged observations automatically bounce back to NTM consultants until final approval

Role-based access control for users: 1) Data Collector 2) Data Collection Supervisor 3) HS Coder 4) HS Code Supervisor

TRAINS Online Tool - Data Entry + Validation



TRAINS Online Tool - Data Dissemination

Function include:

Once approved, NTM data should be made automatically publicly visible. TRAINS Online is expected to replace the <u>TRAINS database</u> currently used;

Public NTM data will be easily **filtered** (customized search queries, full text search), **explored and visualized** (e.g. Tableau);

Public NTM data shall be query-specific and customerfriendly to download (CVS, Excel, STATA file format), bearing in mind complexities of relational nature of database;

Linking tariff and trade data (UN COMTRADE) with public NTMs data to compute, visualize and offer for download additional indicators.

Current Data Dissemination Tools

UNCTAD TRAINS

Via https://trains.unctad.org/

For policy makers and negotiators

Same data on NTMs

Different presentation for different users

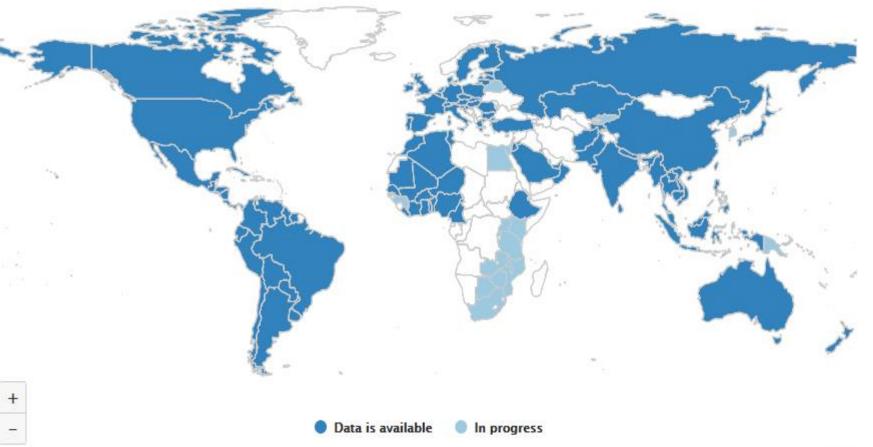
World Bank WITS

Via wits.worldbank.org

For analysts and researchers

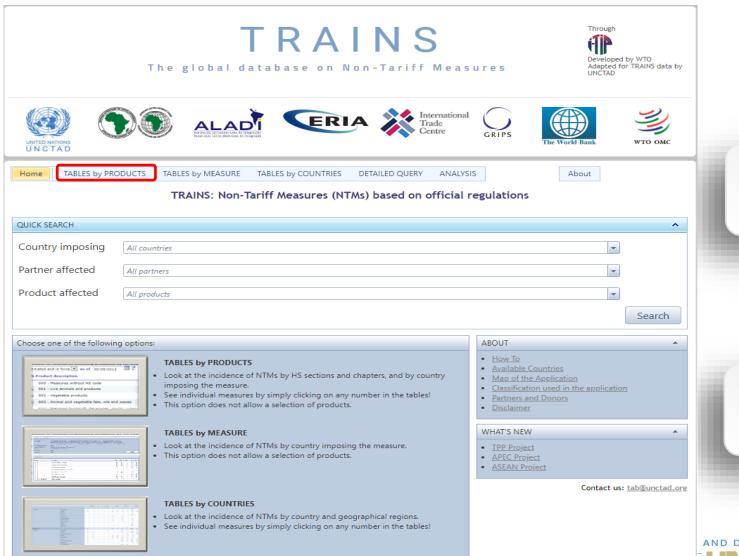
Map of Data Availability - A Global Initiative

Up until 2019, UNCTAD's NTM database covers data for 107 countries, containing more than 65000 measures.



Data Dissemination Channel - TRAINS

TRAINS (https://trains.unctad.org/)

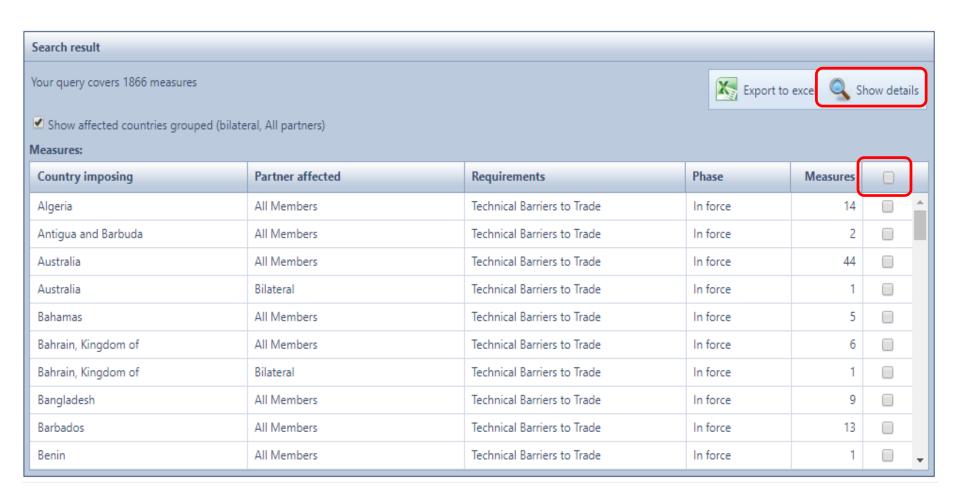


Product Measures Country AND DEVELOPMENT

Search through "Tables by Products"

Numbers canno	ot be compared								
IS Code	Product description	ТВТ	SPS	INSP	СТРМ	QC	PC	EXP	ОТН
	Total	25659	29723	<u>1809</u>	338	<u>6454</u>	<u>1452</u>	<u>7795</u>	32
- Sec. I	Live animals and products	<u>1866</u>	<u> 5745</u>	333	<u>5</u>	<u>537</u>	<u>327</u>	2143]
- Sec. II	Vegetable products	<u>2265</u>	8722	837	<u>3</u>	<u>567</u>	<u>490</u>	2260	10
Sec. III	Animal and vegetable fats, oils and waxes	<u>1058</u>	2294	<u>137</u>	<u>3</u>	<u>264</u>	<u>199</u>	<u>896</u>	
- Sec. IV	Prepared foodstuff; beverages, spirits, vinegar; tobacco	<u>3928</u>	<u>5819</u>	291	4	<u>552</u>	<u>407</u>	1696	1
Sec. IX	Wood, cork and articles; basketware	<u>648</u>	<u>687</u>	<u>118</u>	<u>3</u>	202	<u>151</u>	688	
Sec. V	Mineral products	<u>2251</u>	906	<u>179</u>	<u>3</u>	<u>544</u>	<u>306</u>	1018	
Sec. VI	Products of the chemical and allied industries	<u>6812</u>	2404	332	<u>3</u>	<u>1796</u>	<u>507</u>	<u>2591</u>	1
- Sec. VII	Resins, plastics and articles; rubber and articles	2222	<u>446</u>	<u>135</u>	<u>3</u>	<u>449</u>	200	668	
Sec. VIII	Hides, skins and articles; saddlery and travel goods	<u>434</u>	<u>423</u>	<u>87</u>	<u>3</u>	212	<u>143</u>	<u>549</u>	
- Sec. X	Paper, paperboard and articles	<u>596</u>	260	<u>85</u>	<u>3</u>	274	<u>137</u>	368	
Sec. XI	Textiles and articles	<u>1069</u>	<u>633</u>	<u>144</u>	4	<u>401</u>	<u>160</u>	<u>740</u>	
- Sec. XII	Footwear, headgear; feathers, artif. flowers, fans	<u>459</u>	<u>255</u>	<u>56</u>	<u>3</u>	<u>150</u>	<u>117</u>	<u>414</u>	
Sec. XIII	Articles of stone, plaster; ceramic prod.; glass	1222	<u>186</u>	94	<u>3</u>	<u>281</u>	<u>140</u>	<u>459</u>	
Sec. XIV	Pearls, precious stones and metals; coin	<u>566</u>	<u>101</u>	<u>97</u>	<u>3</u>	287	<u>159</u>	<u>702</u>	
Sec. XIX	Arms and ammunition	<u>329</u>	<u>77</u>	<u>63</u>	<u>3</u>	<u>340</u>	<u>143</u>	<u>528</u>	
Sec. XV	Base metals and articles	2196	285	124	9	<u>413</u>	<u>173</u>	<u>744</u>	
Sec. XVI	Machinery and electrical equipment	<u>4668</u>	<u>118</u>	<u>151</u>	<u>3</u>	<u>682</u>	249	<u>616</u>	
Sec. XVII	Vehicles, aircraft and vessels	1923	<u>55</u>	114	<u>3</u>	430	210	469	

Search through "Tables by Products"



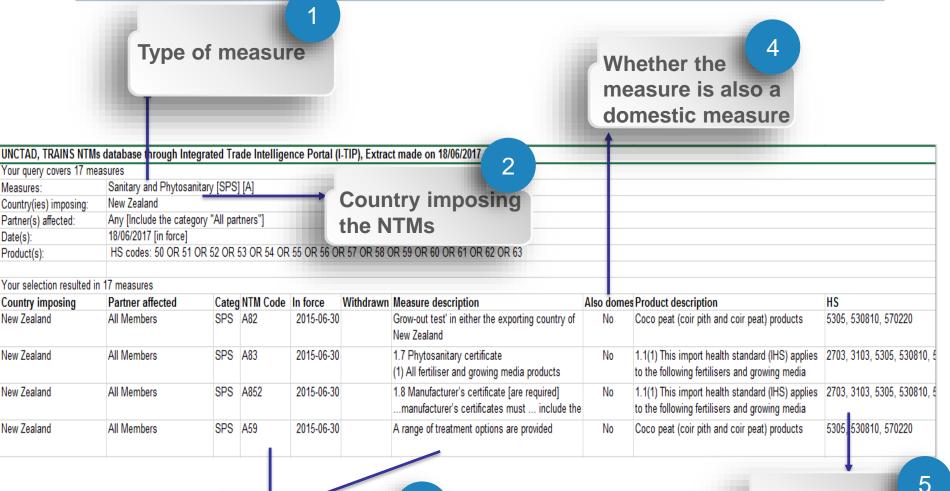
UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

Search through "Tables by Products"

Search result Your query covers 1866 measures and Export to excel Return to summary Your selection resulted in 1866 measures. Measures: Partner Categor Measure description Product description HS Source National legal basis In force Also Country affected domestic Withdrawn imposing Guinea II laut laire une declaration prealable Underlined Produits nalieutiques USUTAL Division service industrie Assurance Affete A/2009/4009/WPA/300 du 30 30/12/2009 030192 Oualité des Produits de la Pêche et Members avant d'importer les produits décembre 2009 portant 030193 de l'Aquaculture/ Ministère de la réglementation de l'importation des halieutiques Pêche et de l'Aquaculture - Textes... produits de la pêche et de l'aquaculture Guinea Direction nationale du commerce Arrêté A2009/3830/MCIPME/SGG du TBT Obligation de faire une déclaration Undefined Tout produit dont l'opération 01 16/12/2009 Members 02 extérieur - Journal officiel de la descriptive d'importation pour toute d'importation a une valeur égale ou 16 décembre 2009 portant création 03 opération dont la valeur est égale ou supérieur à l'équivalent en franc République No 23 et 24 du 10 et du guichet unique de déclaration supérieur à l'équivalent en franc quinéen de 2000 dollars US 25/12/2009 descriptive d'importation (DDI) et de guinéen de 2000... déclaration... Direction générale de la Douane -Obligation d'effectuer une inspection Undefinec Les conteneurs et colis fermés (de Guinea 01 Arrêté conjoint n 4454 portant 23/08/2006 02 exploitation d'équipements de Members par le système de scanographie de tous les produits) Arrêté conjoint n 4454 portant tous les conteneurs et colis fermés à 03 exploitation d'équipements de scanographie des conteneurs et des scanographie des conteneurs et des l'importation colis fermés au port de Conakry colis fermés au... Guinea TBT Obligation pour les importateurs de Undefinec Les cuirs et peaux sèchés et salés, 02 Sécrétariat général du gouvernement Décret D/004/PRG/SGG/90 du 15 15/01/1990 présenter un certificat d'origine pour Members 03 - Journal officiel de la République No janvier 1990 portant mesures aliments pour animaux, produits les cuirs et peaux séchés et salés halieutiques et autres sous produits. 02 du 25/01/1990 permanentes de police sanitaire des 1 2 3 4 5 6 7 8 9 10 ... D Page size: 10 ▼ 1866 items in 187 pages

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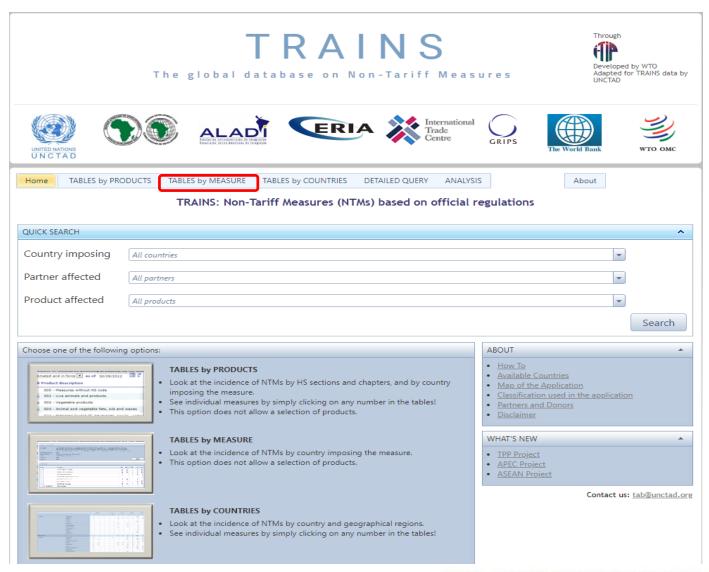
Export Search Outcome into Excel



Measure along with detailed measure description

HS to the most detailed level possible

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT



UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

Search result								
i) Numbers cannot b	pe compared							
NTM Code	Description	AFRICA	ASIA	EUROPE	LAC	MIDDLE EAST	NORTHERN AMERICA	OCEANIA
▶- A	Sanitary and phytosanitary measures	<u>1709</u>	<u>8846</u>	<u>443</u>	<u>12157</u>	<u>1241</u>	<u>3470</u>	2225
- В	Technical barriers to trade	<u>1798</u>	<u>11676</u>	<u>818</u>	<u>4697</u>	<u>778</u>	<u>3660</u>	2331
- C	Pre-shipment inspection and other formalities	<u>121</u>	<u>561</u>	<u>224</u>	215	<u>155</u>	<u>501</u>	34
D	Contingent trade protective measures	<u>3</u>	7	2	<u>321</u>			
E	Non-automatic import licensing, quotas, prohibitions, quantity-control measures and other restrictions other than SPS or TBT measures	<u>471</u>	<u>1768</u>	<u>218</u>	<u>3062</u>	<u>445</u>	<u>334</u>	<u>166</u>
F	Price control measures including additional taxes and charges	<u>182</u>	<u>735</u>	<u>35</u>	230	<u>125</u>	<u>70</u>	8:
G,H,I,J,K,L,M,N,O	Others	<u>54</u>	<u>165</u>	<u>8</u>	<u>53</u>	<u>33</u>	<u>3</u>	
▶- P	Export related measures	<u>925</u>	<u>4049</u>	<u>179</u>	<u>1387</u>	<u>427</u>	330	<u>553</u>

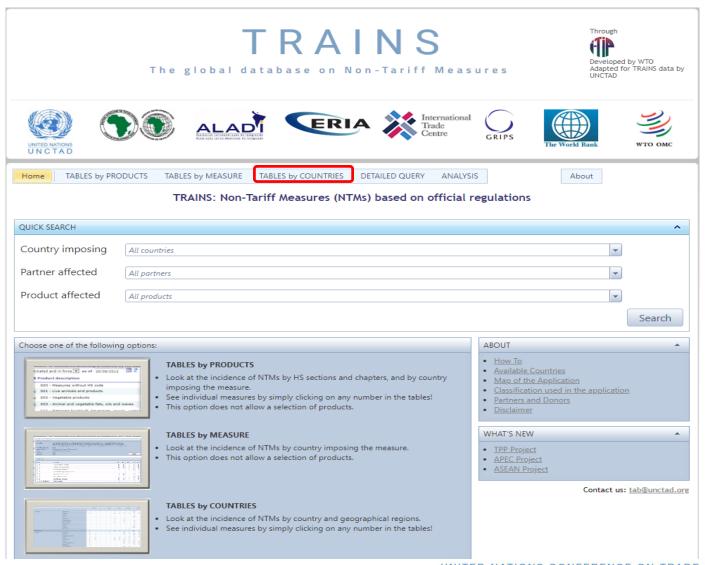






Search result	t									
	overs 818 meas n resulted in 81							Export to excel	Return to summary	
Country imposing	Partner affected	Categor	Measure description	Also domestic	Product description	HS	Source	National legal basis	In force Withdrawn	
European Union	All Members	TBT B31	Import documentation and labelling: Import operations involving scheduled substances of all categories, with the excepction of those substances listed in catego	Undefined	This measure is exclusively related certain chemical substances frequently used in the illicit manufacture of narcotic drugs and psychotropic substances (precur	280610 2807 284161 			01/10/2009	
European Union	All Members	TBT B83	Imports of fishery products must be accompanied by a catch certificate in order to demonstrate that the products concerned do not originate from IUU	Undefined	c Fishery products	030191 030192 030194 			01/10/2010	
European Union	All Members	TBT B41	According to these procedures, the manufacture must provide technical documentation for the conformity assessment and keep it at the disposal of the relevant na	Undefined	c Product scope: Commission Regulation (EC) No 640/2009 applies to electric motors, including where integrated in other products, defined as electric single speed	850120 850131 850132			01/10/2011	
European Union	All Members	TBT B83	CE marking (consider as Certification Requirement): Before an electric	Undefined	c <u>Product scope: Commission</u> <u>Regulation (EC) No 640/2009 applies</u>	850120 850131			01/10/2011	,
K • 1	2 3 4 5 6	6 7 8 9	9 10 Page size: 10 🔻						818 items in 82 pages	

UNCTAD

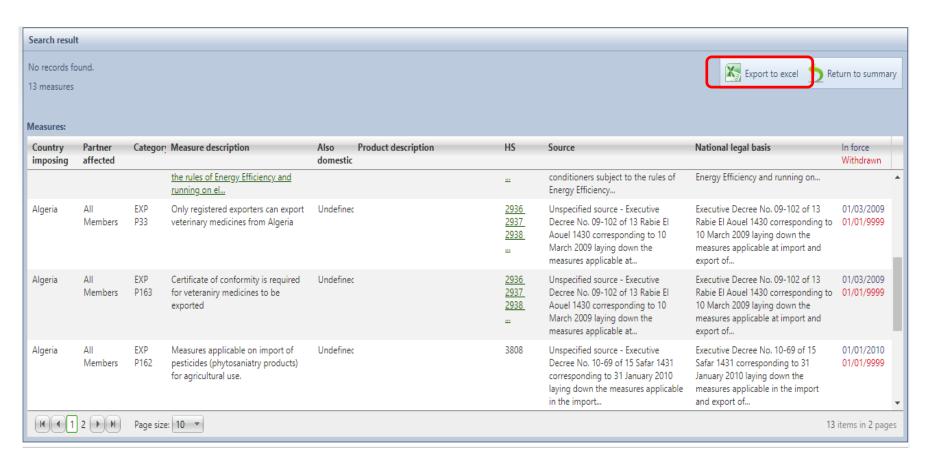


UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

Search result									
i) Numbers cannot be con	npared								
		СТРМ	EXP	INSP	OTH	PC	QC	SPS	TBT
Africa	Algeria		<u>13</u>	4	1	1	<u>34</u>	<u>114</u>	<u>122</u>
	Benin		20	12	<u>3</u>	<u>5</u>	<u>20</u>	<u>27</u>	<u>34</u>
	Botswana		<u>58</u>	1	2	1	<u>18</u>	<u>61</u>	<u>85</u>
	Burkina Faso		<u>14</u>	<u>3</u>	2	1	<u>8</u>	<u>39</u>	<u>5</u>
	Cameroon		<u>90</u>			<u>10</u>	<u>29</u>	<u>42</u>	<u>51</u>
	Cabo Verde		<u>3</u>	1	<u>3</u>	<u>8</u>	4	<u>31</u>	<u>28</u>
	Côte d'Ivoire	<u>3</u>	<u>14</u>	<u>1</u>		4	<u>8</u>	<u>69</u>	<u> </u>
	Ethiopia		<u>139</u>	1	7	<u>3</u>	<u>32</u>	<u>103</u>	<u>213</u>
	Ghana		<u>35</u>	7		7	<u>26</u>	20	25
	Guinea		<u>75</u>	7	<u>3</u>	22	7	<u>35</u>	<u>19</u>
	Liberia, Republic of		<u>45</u>	2	2	<u>10</u>	21	23	21
	Mali		<u>68</u>	<u>3</u>	4	<u>8</u>	<u>17</u>	<u>34</u>	27
	Mauritania		<u>42</u>	4	7	4	23	98	<u>5</u> 5
	Mauritius		<u>40</u>	<u>12</u>	2	7	<u>40</u>	<u>318</u>	358
	Morocco		<u>42</u>	4	1	<u>6</u>	<u>35</u>	208	91
	Niger		<u>12</u>	<u>3</u>		4	<u>9</u>	<u>14</u>	21
	Nigeria		<u>3</u>	1		1	<u>15</u>	<u>51</u>	26
	Senegal		<u>23</u>	28		2	<u>10</u>	<u>70</u>	<u>13</u>
	The Gambia		4		<u>2</u>	<u>5</u>	<u>16</u>	77	<u>50</u>
	Togo		23		2	<u>6</u>	<u>32</u>	<u>10</u>	23
	Tunisia		<u>87</u>	<u>21</u>	<u>12</u>	<u>46</u>	<u>36</u>	<u>96</u>	117
	Zimbabwe		<u>75</u>	<u>6</u>	1	<u>21</u>	<u>31</u>	<u>169</u>	<u>407</u>
Africa Total		<u>3</u>	<u>925</u>	<u>121</u>	<u>54</u>	<u>182</u>	<u>471</u>	<u>1709</u>	<u>1798</u>

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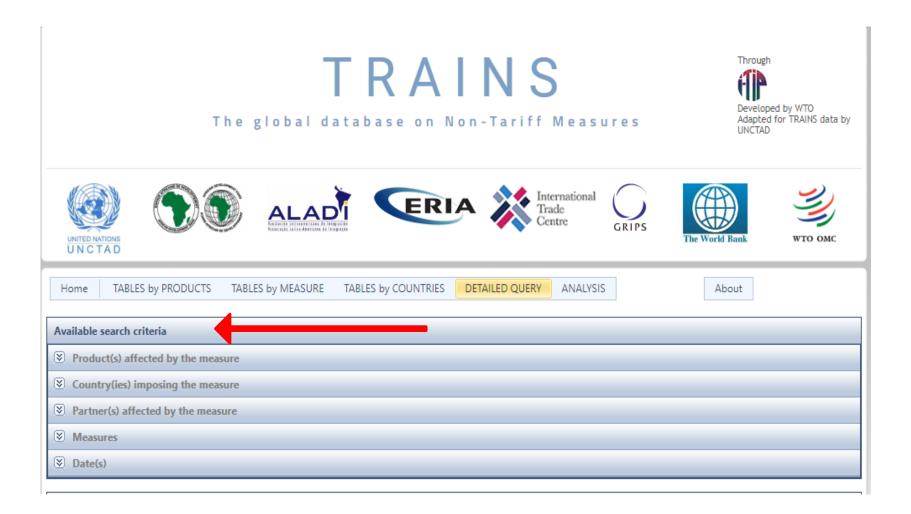




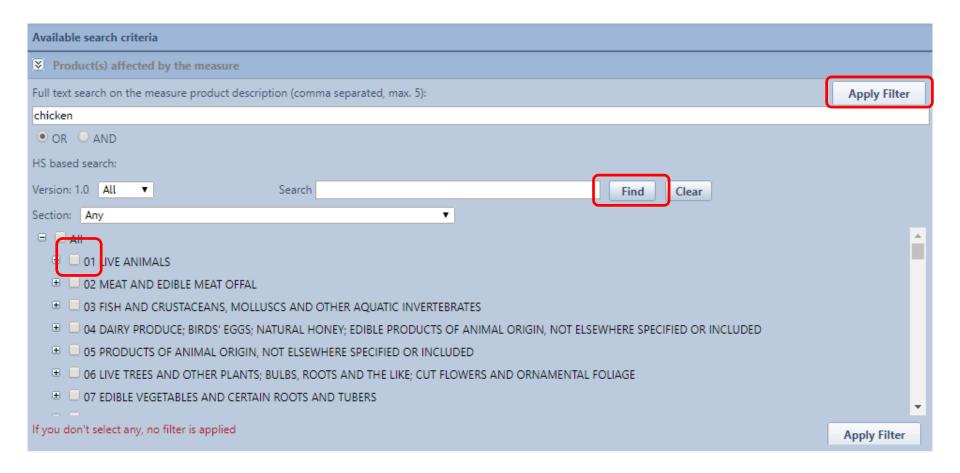




Home TABLES by PRODUCTS TA	BLES by MEASURE	TABLES by COUNTRIES	DETAILED QUERY	ANALYSIS	About	
Available search criteria						
▼ Product(s) affected by the measure						
Full text search on the measure product des	cription (comma sepa	arated, max. 5):				Apply Filter
OR ○ AND						
HS based search:						
Version: 1.0 All			Find	Clear		
Section: Sec. XI Textiles and articles		+				
□ All						_
■ □ 50 SILK						
S1 WOOL, FINE OR COARSE ANIM	MAL HAIR; HORSEHAI	R YARN AND WOVEN FABE	яс			=
□ 52 COTTON						
■ □ 53 OTHER VEGETABLE TEXTILE FIBRES; PAPER YARN AND WOVEN FABRICS OF PAPER YARN						
■ □ 54 MAN-MADE FILAMENTS; STRI	IP AND THE LIKE OF N	MAN-MADE TEXTILE MATE	RIALS			
55 MAN-MADE STAPLE FIBRES	OVENIC CRECIAL VARA	IC THANKS CORDAGE BOD	EC AND CARLEC AND	ADTICLES THEREOF		
■ 56 WADDING, FELT AND NONWO		is; Twine, Cordage, Rop	ES AND CABLES AND	AKTICLES THEREOF		-
No selection = Any					-	Apply Filter
⊗ Country(ies) imposing the measure						
▼ Partner(s) affected by the measure						
(V) INCUSUICS						

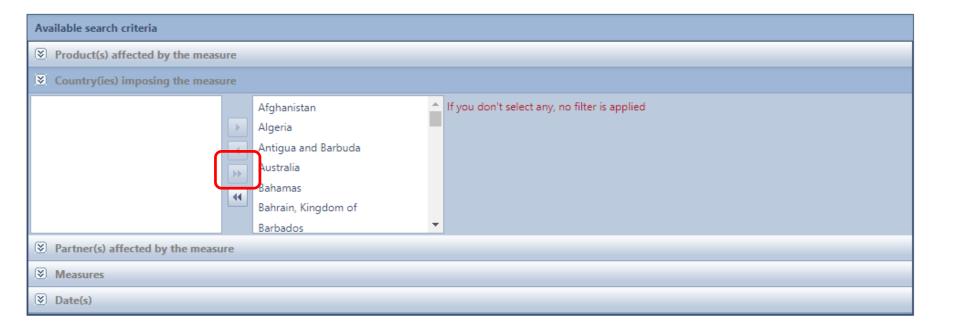


UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT









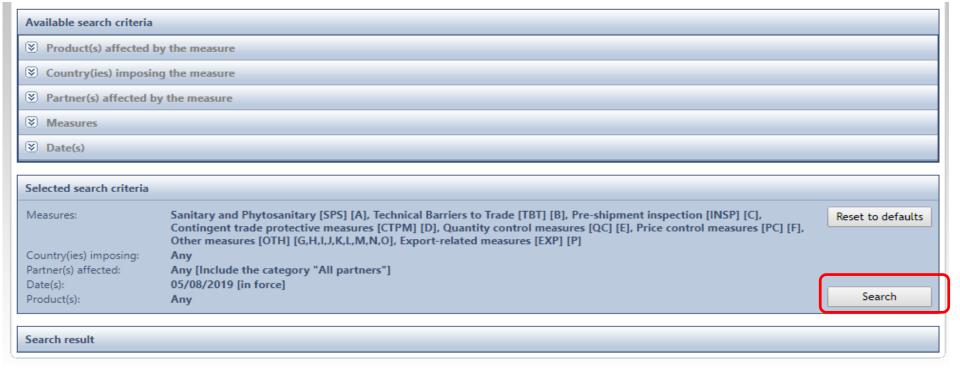






Available search criteria						
▼ Product(s) affected by the measure						
S Country(ies) imposing the measure						
▼ Partner(s) affected by the measure						
▼ Measures						
▼ Date(s)						
Measures at a selected date	Measures taken during period of time					
05/08/2019	From To To					
☑ initiated	✓ initiated					
entered into force	✓ entered into force					
	withdrawn					

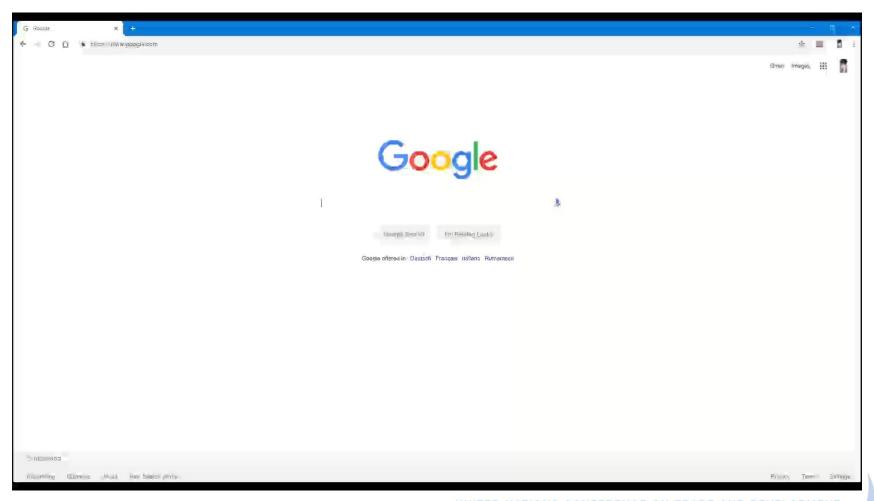






How to Browse TRAINS

Search for: NTMs that the EU imposes on Vietnamese salted cashew nuts



For Researchers: STATA file

TRAINS

The global database on Non-Tariff Measures

















Home

TABLES by PRODUCTS

TABLES by MEASURE

TABLES by COUNTRIES

DETAILED QUERY

ANALYSIS

About

NTMs TRAINS researcher file

You can download here the NTMs TRAINS researcher file for use in Stata (version 12) containing all non-tariff measures aggregated at the HS 6-digit level by researchers and data analysts. You will also find a file with the names and country codes to expand the data to a fully bilateral structure. The data can easily be used for descriptive statistics as well as for quantitative analysis by merging the file for instance with trade and other datasets.

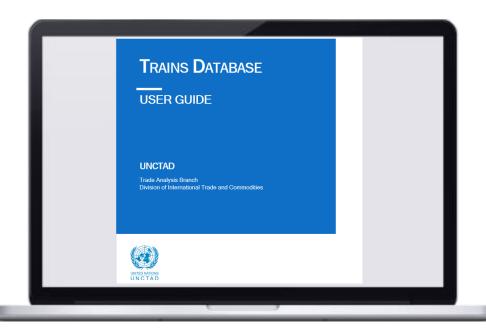
The data collection follows a standardized and globally coherent approach described in the <u>UNCTAD Guidelines to Collect Data on Non-Tariff Measures</u>. However, the different regulatory practices in each country complicate cross-country comparisons. The user guide provides more information. Furthermore, the highest quality control standards are applied but collecting and classifying NTMs is a very complex exercise so that errors can occur.



Please refer to the database as "UNCTAD (2017), TRAINS NTMs: The Global Database on Non-Tariff Measures".

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Practice Exercises - TRAINS Database



Please open the User Manual go to page 8, 12, and 16.

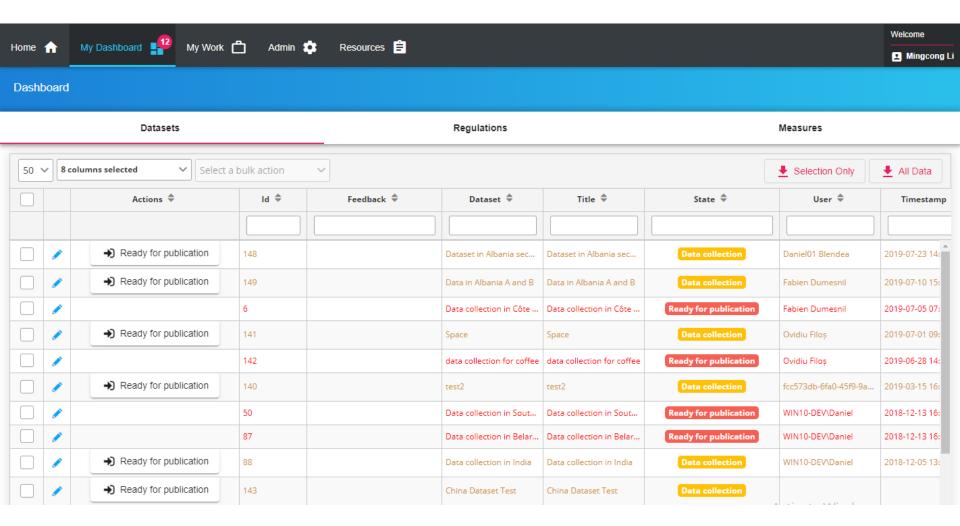
Thank you!



www.unctad.org



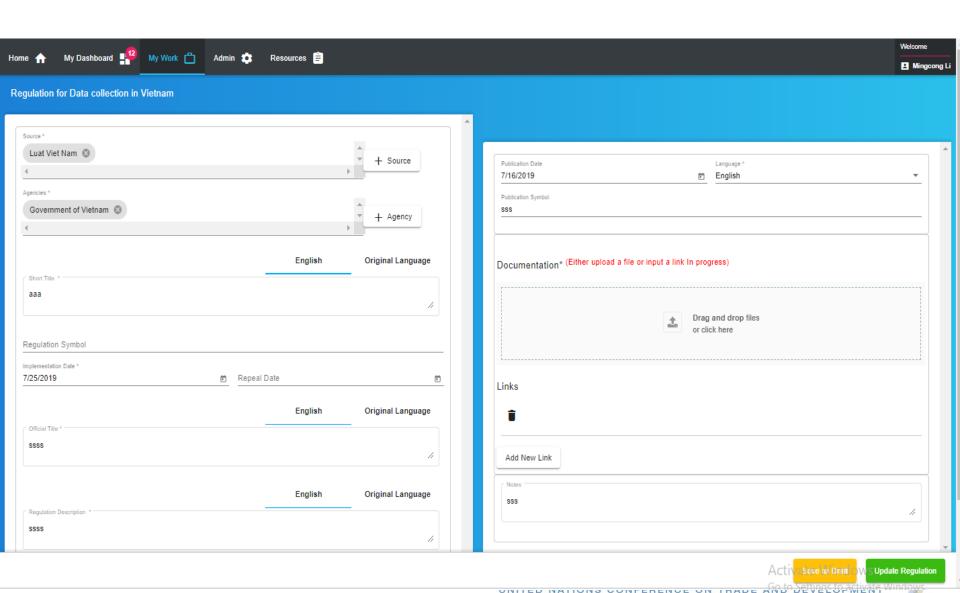
TRAINS Online Tool – Data Entry: Dashboard



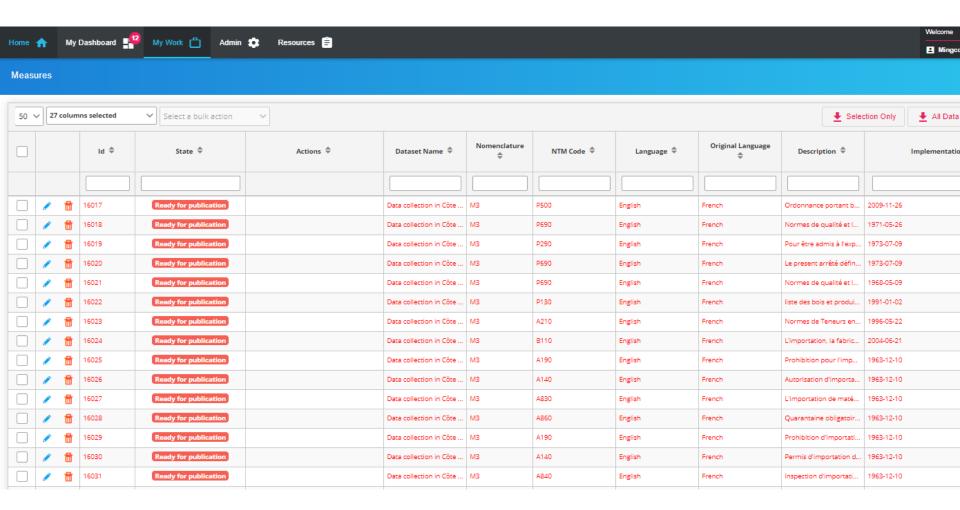
TRAINS Online Tool - Data Entry: List of Regulations

Regulations 21 columns selected Select a bulk action 50 Selection Only All Data ld **♦** State **♦** Dataset Name \$ Source \$ Title Short 🕏 Description 🕏 Implementation Date \$ 22197 Draft Data collection in Vietn... Luat Viet Nam 2019-07-25 999 2866 Complete Data collection in Vietn... Luat Viet Nam 01/2010/TT-BXD Regulations for the qu... 2010-02-22 22141 Complete Data collection in Belar... Consultant plus Datab... Short Title 2019-06-13 999 Description 22132 Complete Data collection in Belar... Consultant plus Datab... Short 2019-06-06 Description 22131 Complete Data collection in Belar... Consultant plus Datab... Short Title Description 2019-06-12 Draft 22120 Data collection in Belar... Consultant plus Datab... Demo title Description 2019-06-05 999 Draft 22116 2019-06-12 999 Antidumping measures Short Title 22099 Complete Data collection in Belar... 2019-06-05 999 Consultant plus Datab... Titled Description 22097 Complete Data collection in Belar... Consultant plus Datab... 2019-06-13 999 Description 이 고시는 수산자원관리... 21872 Complete Data collection in Sout... The National Law Infor... (Public notice of Minist... 2013-09-04 22093 Complete 2019-06-06 Data collection in Belar... Consultant plus Datab... Demo wish 1 Demo wish 1 999 22090 Complete Brunei Industrial Devel... 2019-06-05 999 Data collection in Brunei Short Title Description Activate Windows

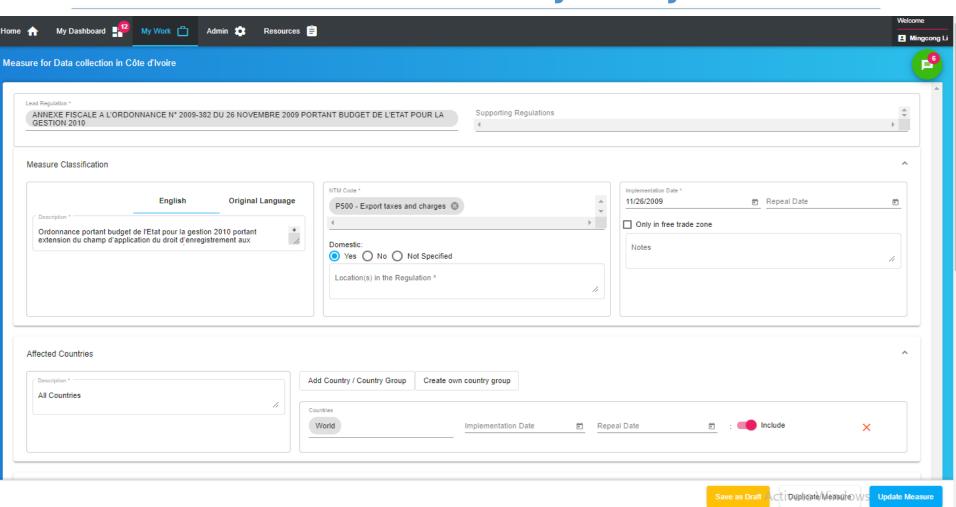
TRAINS Online Tool - Data Entry: Entry of Regulation



TRAINS Online Tool - Data Entry: List of Measures



TRAINS Online Tool - Data Entry: Entry of Measures



TRAINS Online Tool – Data Entry: Entry of Product Code

