



Team of Specialists on Forest Product and Wood Energy Statistics

3rd Meeting

Team of Specialists on Forest Products and Wood
Energy Statistics, 20-21 May 2024



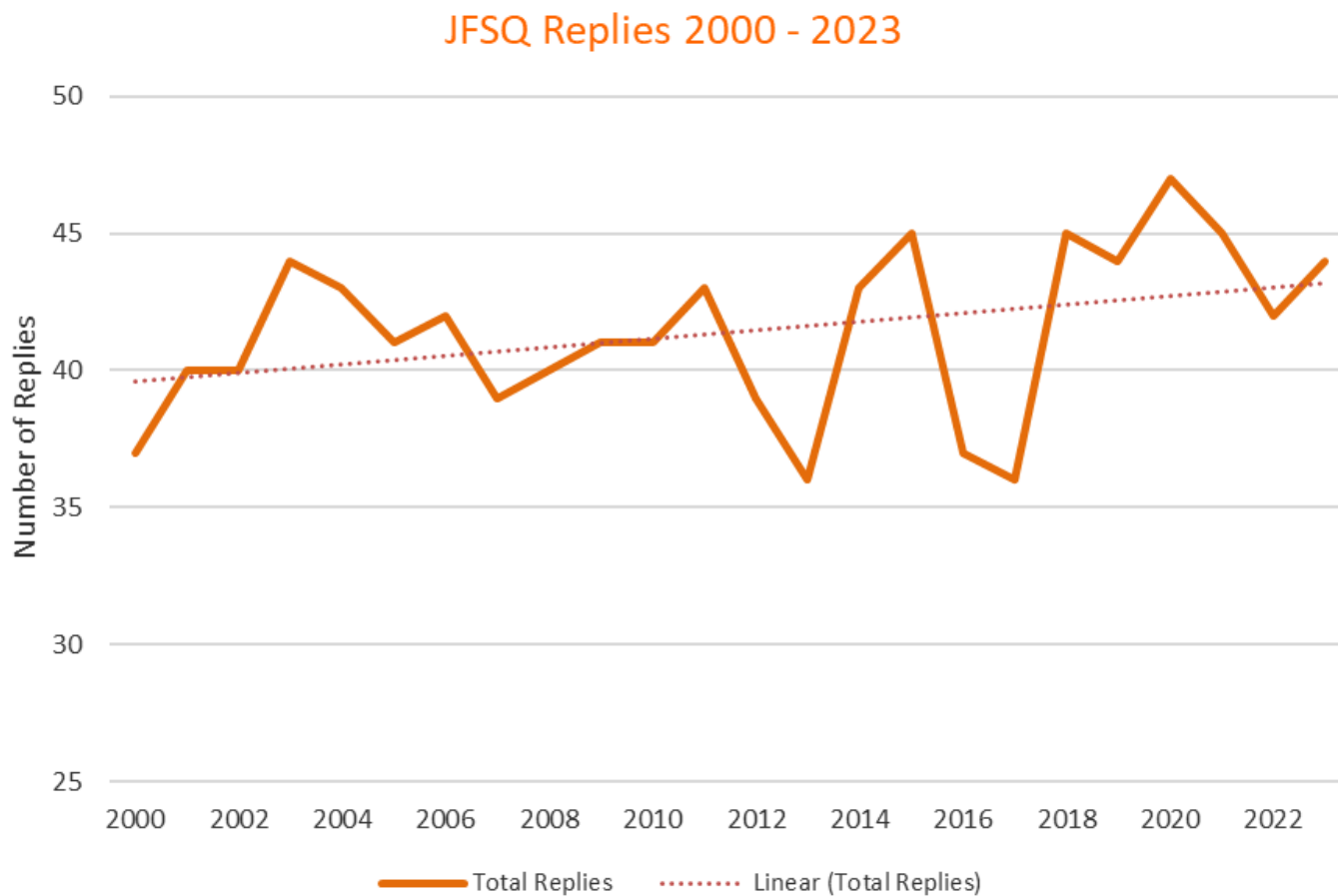
Agenda

- 1) Welcome, introductions.
- 2) Adoption of agenda
- 3) Presentation of ECE/FAO activities
- 4) Intersecretariat Working Group on Forest Sector Statistics (IWG)
- 5) Ad Hoc Task Groups
- 6) Emerging Topics and Updates
- 7) ToS Priorities for 2024-2025
- 8) Peer Exchange
- 9) Next meeting, topics, timing and location
- 10) Election of Team Leader and Deputies

3) ECE/FAO activities

- a) Joint Forest Sector Questionnaire
- b) Timber Forecast Questionnaire
- c) Joint Wood Energy Enquiry
- d) Statistical Systems

JFSQ Replies



JFSQ 2023

- JFSQ Questionnaire issued 9 April 2024
- The UNECE JFSQ Manual was updated
- UNECE and Eurostat Deadline: 10 June
- Data Sharing with ITTO as received
- FAOSTAT upload August and December
- **ECE Resources not available for data checking due to UN liquidity crisis**

Revisions to the JFSQ 2023

Changes agreed by the Intersecretariat Working Group

- Updated some JFSQ product codes
- Updated some product definitions
- Updated correspondence with other classifications (annex 1-4)
- Added list of tropical countries and territories for JFSQ reporting on tropical timber

Revisions to the JFSQ 2023

- Reported items

Item 5 “Wood pellets and other agglomerates” was renamed as “Wood pellets, **briquettes** and other agglomerates”.

Item 5.2 “Other agglomerates” was renamed as “**Wood briquettes and** other agglomerates”.

2	WOOD CHARCOAL	1000 t	
3	WOOD CHIPS, PARTICLES AND RESIDUES	1000 m ³	
3.1	WOOD CHIPS AND PARTICLES	1000 m ³	
3.2	WOOD RESIDUES (INCLUDING WOOD FOR AGGLOMERATES)	1000 m ³	
3.2.1	of which: Sawdust	1000 m ³	
4	RECOVERED POST-CONSUMER WOOD	1000 t	
5	WOOD PELLETS, BRIQUETTES AND OTHER AGGLOMERATES	1000 t	
5.1	WOOD PELLETS	1000 t	
5.2	WOOD BRIQUETTES AND OTHER AGGLOMERATES	1000 t	

Revisions to the JFSQ 2023

- Reported items

Item 15 (Glulam and CLT) from the JFSQ for 2022 data was eliminated.

Glulam, CLT and I-Beam numbering was changed from 15.1, 15.2 and 16, respectively, to 13.4.1, 13.4.2, and 13.4.3, respectively.

	Specify Currency and Unit of Value (e.)		
	Product code	Product	Unit of quantity
7			
8			
9			
10			
60	10.2	RECOVERED FIBRE PULP	1000 t
61	11	RECOVERED PAPER	1000 t
62	12	PAPER AND PAPERBOARD	1000 t
63	12.1	GRAPHIC PAPERS	1000 t
64	12.1.1	NEWSPRINT	1000 t
65	12.1.2	UNCOATED MECHANICAL	1000 t
66	12.1.3	UNCOATED WOODFREE	1000 t
67	12.1.4	COATED PAPERS	1000 t
68	12.2	HOUSEHOLD AND SANITARY PAPERS	1000 t
69	12.3	PACKAGING MATERIALS	1000 t
70	12.3.1	CASE MATERIALS	1000 t
71	12.3.2	CARTONBOARD	1000 t
72	12.3.3	WRAPPING PAPERS	1000 t
73	12.3.4	OTHER PAPERS MAINLY FOR PACKAGING	1000 t
74	12.4	OTHER PAPER AND PAPERBOARD N.E.S. (NOT ELSEWHERE SPECIF	1000 t
75	13.4.1	GLULAM ²	1000 m ³
76	13.4.2	CROSS-LAMINATED TIMBER (CLT or X-LAM) ²	1000 m ³
77	13.4.3	I-BEAMS (I-JOISTS) ²	1000 t
78	¹ Correspondents are requested to check bilateral trade and include non-coniferous non-tropical specie:		
79	² Glulam, CLT and I Beams are classified as secondary wood products but for ease of reporting are inclu		
80			

Revisions to the JFSQ 2023

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Glulam, CLT and I-Beam numbering was changed from 15.1, 15.2 and 16, respectively, to 13.4.1, 13.4.2, and 13.4.3, respectively.

Item 13.4 Builder's joinery and carpentry of wood includes Glulam, CLT and I-beams.

FOREST SECTOR QUESTIONNAIRE JQ3		
SECONDARY PROCESSED PRODUCTS		
Trade		
Specify Currency and Unit of Value (e.g.:1000 US \$)		
Product code	Product	I.M.P.O.R. 2021
13	SECONDARY WOOD PRODUCTS	
13.1	FURTHER PROCESSED SAWNWOOD	
13.1.C	Coniferous	
13.1.NC	Non-coniferous	
13.1.NC.T	of which: Tropical	
13.2	WOODEN WRAPPING AND PACKAGING MATERIAL	
13.3	WOOD PRODUCTS FOR DOMESTIC/DECORATIVE USE	
13.4	BUILDER'S JOINERY AND CARPENTRY OF WOOD	
13.5	WOODEN FURNITURE	
13.6	PREFABRICATED BUILDINGS OF WOOD	
13.7	OTHER MANUFACTURED WOOD PRODUCTS	
14	SECONDARY PAPER PRODUCTS	

Revisions to the JFSQ 2023

- Reported items

JQ3 items 13 (secondary wood products) and 14 (secondary paper products) were reformatted so that no data are requested for these aggregates.

FOREST SECTOR QUESTIONNAIRE JQ3			
SECONDARY PROCESSED PRODUCTS			
Trade			
Specify Currency and Unit of Value (e.g.: 1000 US \$): _____			
Product code	Product	IMPORT VALUE	
		2021	2020
13	SECONDARY WOOD PRODUCTS		
13.1	FURTHER PROCESSED SAWNWOOD		
13.1.C	Coniferous		
13.1.NC	Non-coniferous		
13.1.NC.T	of which: Tropical		
13.2	WOODEN WRAPPING AND PACKAGING MATERIAL		
13.3	WOOD PRODUCTS FOR DOMESTIC/DECORATIVE USE		
13.4	BUILDER'S JOINERY AND CARPENTRY OF WOOD		
13.5	WOODEN FURNITURE		
13.6	PREFABRICATED BUILDINGS OF WOOD		
13.7	OTHER MANUFACTURED WOOD PRODUCTS		
14	SECONDARY PAPER PRODUCTS		
14.1	COMPOSITE PAPER AND PAPERBOARD		
14.2	SPECIAL COATED PAPER AND PULP PRODUCTS		
14.3	HOUSEHOLD AND SANITARY PAPER, READY FOR USE		
...	-----		

Revisions to the JFSQ 2023

- HS codes

Wood charcoal: inclusion of HS2022 code 4402.20 (of shell or nut) in wood charcoal aggregate.

- Annexes

Annex 1 JQ1 – CPC 3.0

Annex 2 JQ2 (products 1-12) – HS and SITC

Annex 3 JQ3 (products 13-14) – HS and SITC

Annex 4 JQ2+JQ3 (all products) – HS + remarks

List of tropical countries and territories

Revisions to the JFSQ 2023: Definitions

- Item 13.4 Builder's joinery and carpentry of wood **includes** Glulam, CLT and I-beams.
- Revised the footnote for tropical roundwood and tropical Sawnwood
 - Revised for JQ2 and ITTO1 items 1.2.NC.T and 6.NC.T
 - Added for JQ2 and ITTO1 items 7.NC.T, 8.1.NC.T and (for JQ2 only) 8.1.1.NC.T

“correspondents are requested to check bilateral trade and include non-coniferous non-tropical species exported by tropical countries or imported from tropical countries or areas if the wood is credibly sourced from the tropical country or area”

- A list of tropical countries and territories for JFSQ reporting was added as Annex 5
- Conversion factors: added a link to ITTO country specific conversion factors for products 1.2.NC.T and 6.NC.T.

Common Problems and Processing Issues

- Unit values
- Annual Fluctuations
- Managing missing / inaccurate data
- Negative apparent consumption
- Aggregate (total) items not matching subitems
- Blank cells (use “...” for not available)
- Not clear what is done with “ex” code items

Timber Forecast Questionnaire 2023

- 28 countries replied to the TFQ in 2023 an increase of 7 compared to 2022.
- The number of datapoints was consistent with previous years, although some replies provide little forecast data.
- The forecasts tables were made available at the COFFI meeting and published online in Excel and PDF formats.
- For the past four years, the published forecasts contained data for the responding countries only.
- Therefore, the totals are not comparable with the actual total production as reported in the FPAMR or other sources.

Timber Forecast Questionnaire 2024

- Data is only published for reporting countries.
- The proposed deadline for TFQ 2024 is 1 October 2024.
- The questionnaire will be sent by **30 August 2024**.



Joint Wood Energy Enquiry

a) Mr. Sebastian Glasenapp

Statistical Systems

- a) ECE Database Update
- b) INForest
- c) Data exchanges

JFSQ Statistical System

- Annual data collection exercise
 - Excel-based data collection, processing and validation
 - The UNECE version of the JFSQ for 2023 data requests 888 data points
 - Access database created in 2002 is used for storage
 - Data UNECE website (Excel File) and provided to FAO for upload to FAOSTAT.
- High share of manual work
 - National replies individually checked in Excel
 - Summary log of changes drafted for validation by correspondents
 - Significant data processing required after exporting data from Access to develop output tables (e.g. for FPAMR)

JFSQ Statistical System

- Each product code is reviewed in Excel using checks based on:
 - Apparent Consumption or Net Trade
 - Change from prior year/historical values and ratios
 - Regional Average Unit Price
 - Discrepancies between aggregates and disaggregates
 - Missing Quantities
 - Unit and conversion factor errors
 - Wood balance
 - Third party sources (COMTRADE)
 - Exchange with national correspondents
- Changes are documented in a log shared with the national correspondent

Central Data Platform

- The Secretariat is developing a replacement to the existing JFSQ Access Database. The pilot version is expected in late 2024.
- Modernized, tailored **central data platform**, with some degree of automation, seeks to unlock significant efficiency gains in data:
 - Collection
 - Data Checking, Correction and Validation
 - Evaluation
 - Publication
- **Long term funding is critical** to enhance and ensure the sustainability of the platform

Central Data Platform

- Improved data collection, processing, validation, storage and dissemination linked to the JFSQ will:
 - Strengthen capacity for timely data processing and quality assurance
 - Make use of automatized data exchange (receiving and sharing)
 - Be more flexible for partial data set submission, updating and publication (as data is available)
 - Allow for easier revision of datapoints and historical data
 - Provide more detailed metadata
 - Allow for automatic update of graphs and tables (INForest, other platforms)
 - Allow for more flexible assessment of trends and their drivers
 - Enhance the possibility for more systematic data analytics for publication

INForest

Your data and knowledge platform

for forests in the UNECE region



Key Indicators



Country Data



About Us

Key Indicators



Country Data



About Us



for forests in the UNECE region

Your data and knowledge platform

4) Intersecretariat Working Group on Forest Sector Statistics

- a) Definition and Classification Review
- b) Update on HS2028

Definition and Classification Review

- i. Fibreboard, Plywood, and Engineered Wood Products. Are HS 44.11/12/18 definitions aligned with today's industry?
- ii. Wood chips and particles: addressing definitional challenges, production missing in statistics, and differentiation by end use

Fibreboard, Plywood, and Engineered Wood Products. Are HS 44.11/12/18 definitions aligned with today's industry?

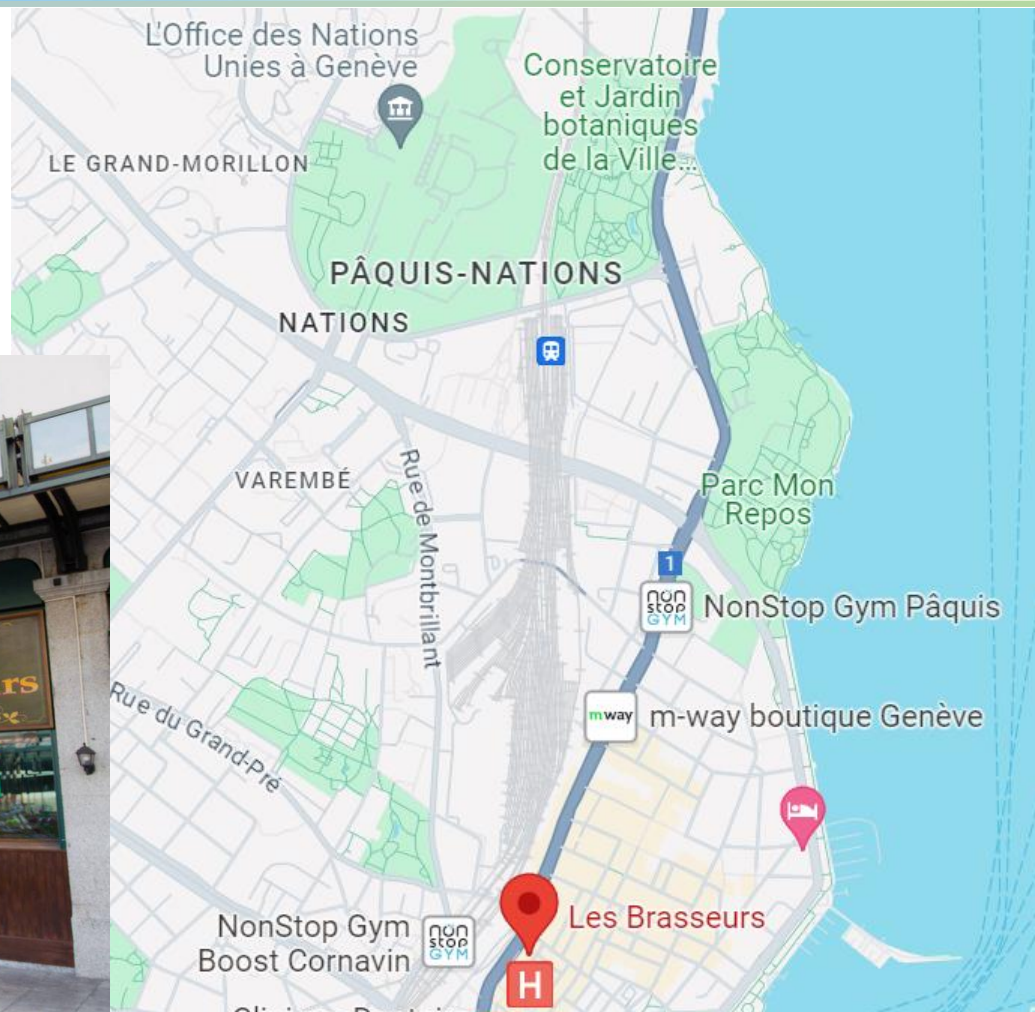
- **Fibreboard (44.11):**
 - MDF defined by thickness vs “Other” defined by density
 - Currently our export/import data for fibreboard include laminate flooring. This represents trade flows worth in \$ billions.
- **Plywood (44.12):**
 - Large variations in quality a problem for unit prices
 - Engineered Wood Products: Is LVL designed to support structural loads?
- **Builders Joinery (44.18)**
 - Includes Assembled Flooring Panels

Update on HS2028 process

a) Mr. Arvydas Lebedys, FAO

19:00 Optional Dinner (own expense)

Les Brasseurs: Place de
Cornavin 20 · 1201 Geneva



8) Peer Exchange

- a) Removals data collection case study: Germany
- b) Wood energy data collection case study: France

5) Ad Hoc Task Groups

- a) Ad Hoc Task Group on Removals
- b) Ad Hoc Task Group on Wood Energy Statistics

Ad Hoc Task Group on Removals

Review of statistics regarding removals to share information, identify gaps and inconsistencies in definitions and methodologies

Coordinators:
Mr. Michal Synek
Ms. Graça Louro

Ad Hoc Task Group on Removals: Discussion

- a) Small Group Discussion
 - a) Question 1: 20 Minutes
 - b) Question 2: 20 Minutes
- b) Plenary Discussion: 30 Minutes

Ad Hoc Task Group on Wood Energy Statistics

Review of methods of data collection to better respond to policy questions on wood energy supply-chain

Coordinators:
Ms. Consuelo Brandeis
Mr. Sebastian Glasenapp

Ad Hoc Task Group on Wood Energy: Discussion

- a) Small Group Discussion: 20 Minutes
- b) Plenary Discussion: 50 Minutes

Ad Hoc Task Group on Wood Energy: Discussion

Theme A: Improving current draft document. While addressing the questions below, please keep in mind the document's aim which is to describe data gathered through the JWEE and their value to help address policy questions. We are using the four policy areas identified by our ToS as examples for application of JWEE data, through the identification of metrics.

Group A1:

- Anything missing or needing clarification?
- Any other feedback to improve the document?

Group A2:

- Something that could be presented differently (e.g., table/graph display, organization)?
- Any other feedback to improve the document?

Ad Hoc Task Group on Wood Energy: Discussion

Theme B: Data quality improvement

Group B1:

- How could we handle existing data gaps (historical data)? Do we explore filling in missing data points? Yes/no, why?
- If yes to above, what options could we explore? (e.g., searching other data reporting sources, applying statistical methods to impute, a combination of those)

Group B2:

- What would be potential options to address missing data moving forward?
- Do we need a process (or need to improve existing process) to evaluate and address data quality issues?

Ad Hoc Task Group on Wood Energy: Discussion

Expanding the link of JWEE data to inform policy questions.

- If we were to expand the analysis work what could be some relevant research questions to consider?
- What would the pros and cons from surveying policy staff to gain a better understanding of needs/current policy questions?

Enhancing the ToS on FPWES.

- Potential ways to improve awareness of JWEE data availability/coverage?
- Discuss potential ways to publish the ToS's output.

Lunch: 12:30 – 14:00

Bon Appetit!



6) Emerging Topics and Updates

- Statistics on wood in construction
- FAOSTAT Flags
- Evolving use cases: linkages to the System of Environmental and Economic Accounting
- Remote sensing: removals statistics

7) ToS Priorities for 2024-2025

- **Small Group Brainstorming (20 minutes)**
 - The Entire ToS will split into 4 small groups. Each group will discuss a question related to the priorities of the ToS.
- **Plenary Discussion of next steps (40 minutes)**
 - The entire ToS will reconvene. Each small group will report back on the outcomes of the discussion. The entire ToS will then discuss and agree on the priorities for the ToS over the coming 1-2 years.

7) ToS Priorities for 2024-2025

• Small Group Brainstorming (20 minutes)

Groups 1 and 2:

- What are the main uses / who are the main users of JFSQ, JWEE and TFQ data? Are the uses and user needs evolving or changing?
- If so, are there priority emerging use needs that the Team should work to address, and why are they important?

Groups 3 and 4:

- What are the main challenges with JFSQ, JWEE and TFQ data collection, reporting and dissemination?
- What are the priorities for the team to improve forest products and wood energy statistics?

7) ToS Priorities for 2024-2025

- Plenary Discussion of next steps (40 minutes)
 - The entire ToS will reconvene. Each small group will report back on the outcomes of the brainstorming.
 - The entire ToS will then brainstorm the priorities for the ToS over the coming 1-2 years and agree on next steps.

9) Next Meeting, topics, timing and location

- a) Team members are invited to propose possible locations for the next ToS meeting
- b) Ad hoc task groups: Coordinators will provide and update on planned meetings of the ad hoc task groups

10) Election of Team Leader and Deputies

- The Team is established under the Integrated Programme of Work 2022-2025.
- Its mandate may be renewed by COFFI in the Integrated Programme of Work 2026-2029.
- For every 2-year cycle the Team is requested to choose/confirm its leadership in accordance with the [Guidelines for the ECE/FAO Teams of Specialists](#) (ToS).
- The Team may choose to renew the mandate of the current Team Leader and Deputies for the period 2024-2025, if there is agreement by the Team and if the candidates confirm their ability to serve another term.
- Otherwise, the Secretariat will ask for nominations for the Team Leader and Deputy(ies) for the period 2024-2025 and hold a vote at this time.



THANK YOU

Mr. Daniel Griswold

Secretary, Team of Specialists on Forest Products
and Wood Energy Statistics

UNECE/FAO Forestry and Timber Section

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Energy Statistics, 20-21 May 2024

