

GTI-WOODBASED PANEL (GTI-WBP) REPORT

MONTHLY

GGSC-No.08/2026

Tracking and monitoring the global
woodbased panel market trend.



全球林产品绿色供应链倡议
GLOBAL GREEN SUPPLY CHAINS INITIATIVE



The pilot countries for the GTI-WBP index include Indonesia, Malaysia, Thailand, Gabon, Republic of the Congo, Ghana, Brazil, Mexico, Ecuador, and China. In 2024, the total production of woodbased panel in the ten countries mentioned above was 218 million cubic meters, accounting for **52.3%** of the total global production volume of woodbased panel.

Introduction to the GTI-Woodbased Panel

GTI-Woodbased Panel (GTI-WBP), a specialized prosperity index for woodbased panel industry, reflecting the development trend of woodbased panel industry in all GTI pilot countries.

Calculation Method

The GTI-WBP index takes leading woodbased panel enterprises in GTI pilot countries as the survey objects. Each month, the enterprises need to fill the GTI index questionnaire, including the information of production, orders and export, employees, logistic, etc. Then the GTI-WBP index will be calculated and analyzed, and the report will be released at the middle of the following month.

GTI-WBP index contains diffusion index and comprehensive index.

1. GTI-WBP diffusion index. There are 11 diffusion indices (or called sub-indices) based on the data from 11 objective questions which covers production, new orders, new export orders, existing orders, inventory of products, purchasing quantity, purchasing prices of main raw materials, inventory of raw materials, employees, delivery time, and market expectation. The diffusion index is calculated by adding the percentage of enterprises with positive answers to half of the percentage with unchanged answers.

2. GTI-WBP comprehensive index. GTI-WBP comprehensive index (GTI-WBP index for short) is calculated based on five diffusion indexes with different weights: production, new orders, inventory of raw material, employees, delivery time. The five diffusion indexes and their weights are determined according to their influence on the industrial economy.

Interpretation

The value of the index is between 0-100%, and 50% is the critical value of the index. GTI-WBP index reading above 50 percent indicates that the industry prosperity is generally expanding; below 50 percent indicates that it is generally declining.

Survey Method

With the support of The International Tropical Timber Organization (ITTO), the GTI platform has set up focal points in pilot countries, including timber producing and consuming countries.

At the end of each month, major leading woodbased panel enterprises are organized by focal points to fill out survey questionnaires. The questionnaire is usually filled out by the person in charge of production and operation or personnel from the statistics department. The Global Green Supply Chains Initiative (GGSC) organizes experts to analyze the collected data and prepare the GTI-WBP index report.

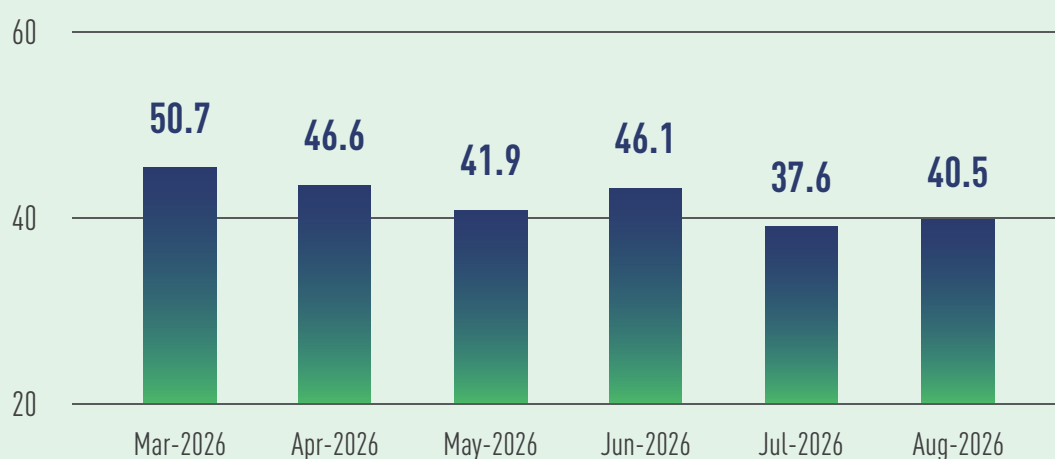
Index Representativeness

The pilot countries for the GTI-WBP index include Indonesia, Malaysia, Thailand, Gabon, Republic of the Congo, Ghana, Brazil, Mexico, Ecuador and China. In 2024, the total production of woodbased panel in the ten countries mentioned above was 218 million cubic meters, accounting for 52.3% of the total global production volume of woodbased panel.

GTI-Woodbased Panel Index in August 2026



GTI-WBP Comprehensive Index (%)



In August 2026, the GTI-Woodbased Panel (GTI-WBP) Index registered 40.5%, up 2.9 percentage points from the previous month and below the critical value (50%) for five consecutive months, indicating that in the pilot countries, the overall business prosperity of wood-based panel industry represented by the index shrank from the previous month, however, the contraction eased.

On the demand side: Demand for wood-based panels remained generally soft this month. The new orders index registered 38.6 percent, up 4.5 percentage points from the previous month. The existing orders index stood at 43.9 percent, edging down 0.4 percentage point and remaining in contraction territory. External demand came under further pressure, with the export orders index falling 4.1 percentage points to 34.9 percent—its twelfth consecutive month below the 50 percent critical value. Persistent global trade frictions and barriers in the wood-based panel industry, combined with still-subdued demand in certain markets, continued to limit near-term relief for export-oriented producers.

On the supply side: The production index came in at 35.6 percent, marking a fifth consecutive month in contraction and a further decline of 3.7 percentage points from the previous month, indicating an additional slowdown in manufacturing activity. Faced with insufficient new orders and elevated inventory pressures, enterprises deliberately reduced capacity, with some plants operating at persistently low utilization rates. The inventory index of finished products fell 5.7

percentage points to 47.7 percent, moving below the 50 percent critical value and reflecting progress in destocking; more inventory digestion, however, will still require additional time.

From the price perspective: The purchase price index for raw materials registered 59.3 percent, remaining above the critical value for consecutive months. Prices for logs and chemical additives stayed elevated, offering producers no meaningful cost relief. Feedback from GTI sample enterprises indicates that wood-based panel manufacturers in many countries continued to face rising raw-material costs and high logistics expenses, thus compressing profit margins.

Main updates related to the wood-based panel market include: In July, Brazil's tropical plywood exports rose 7.0 percent in volume, increasing from 2,800 cubic meters to 3,000 cubic meters. Export value, however, declined 6.0 percent, falling from USD 1.8 million to USD 1.7 million.

Table: Overview of GTI-WBP Sub-Indexes (%)

	Mar. 2026	Apr. 2026	May 2026	Jun. 2026	Jul. 2026	Aug. 2026	MoM	Performance
Comprehensive Index	50.7	46.6	41.9	46.1	37.6	40.5	2.9 ↑	Contract
Production Index	52.7	47.3	39.1	44.5	39.3	35.6	-3.7 ↓	Contract
New Orders Index	53.5	49.2	40.6	45.7	34.1	38.6	4.5 ↑	Contract
Export Orders Index	44.7	45.5	39.6	42.9	39.0	34.9	-4.1 ↓	Contract
Existing Orders Index	47.4	43.2	38.9	41.4	44.3	43.9	-0.4 ↓	Contract
Inventory Index of Finished Products	41.2	45.8	55.6	51.7	53.4	47.7	-5.7 ↓	Contract
Purchase Quantity Index	49.0	46.3	43.5	42.7	39.7	42.7	3.0 ↑	Contract
Purchase Price Index	64.4	70.2	62.1	56.5	59.2	59.3	0.1 ↑	Expand
Inventory Index of Main Raw Materials	43.6	40.6	47.1	50.0	39.3	43.6	4.3 ↑	Contract
Employees Index	46.5	45.8	45.0	45.7	43.2	45.3	2.1 ↑	Contract
Delivery Time Index	51.9	45.6	41.6	47.3	33.3	44.3	11.0 ↑	Contract
Market Expectation Index	57.0	45.4	44.4	49.1	53.4	37.2	-16.2 ↓	Contract



Main Challenges Reported by GTI-WBP Enterprises

- Timber suppliers were in short supply. (Ecuador)
- Raw material reserves were insufficient. (Thailand)
- Product price competition was fierce. (China)
- Export product prices fell. (Brazil)
- Diesel was in short supply and supply was insufficient. (Republic of the Congo)
- Tariffs were high, and enterprises' export orders decreased. (Ghana)
- Enterprises faced price pressure from competitors. (Mexico)
- Fuel prices rose, and export tariffs on products were high. (Gabon)
- The volume of plywood imports in the Sarawak market was large, the global construction market remained weak, and the situation in the Middle East led to tight shipping space. (Malaysia)
- Possible anti-dumping/countervailing duties imposed a potential burden on Indonesian practitioners, leading to a decline in exports of plywood products to the United States. (Indonesia)



Main Suggestions from GTI-WBP Enterprises

- Promote market diversification. (Brazil)
- Introduce trade stimulus policies. (Ghana)
- Increase the supply of diesel and stabilize prices. (Republic of the Congo)
- Appropriately slow down production according to market demand. (Malaysia)
- Reduce product imports through policies. (Mexico)
- Enterprises should explore international markets to increase order volumes. (China)
- Find suppliers holding the relevant environmental permits. (Ecuador)
- Support the planting of fast-growing tree species to meet production needs. (Thailand)
- Lower diesel prices and product tariffs. (Gabon)
- Efforts are needed to explore new markets and promote the sales of plywood products. (Indonesia)



ITTO
INTERNATIONAL TROPICAL
TIMBER ORGANIZATION

About ITTO

The International Tropical Timber Organization, ITTO for short, is an intergovernmental organization promoting the sustainable management and conservation of tropical forests and the expansion and diversification of international trade in tropical timber from sustainably managed and legally harvested forests. It located in Yokohama, Japan. At present, there are 76 ITTO members countries. ITTO's membership represents about 90% of the global tropical timber trade and more than 80% of the world's tropical forests.



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About GGSC

Global Green Supply Chains Initiative (GGSC) is part of the Legal and Sustainable Supply Chains (LSSC) Programme, which was approved at the 53rd session of the International Tropical Timber Council for being included into the Biennial Work Programme (BWP) of International Tropical Timber Organization (ITTO). Launched in 2018 by leading Chinese enterprises in forest products industry, GGSC became an international initiative in 2019. Since then, GGSC has been acting as a global platform for serving the sustainable development of the forest products industry.

Declaration

GTI-WBP report is compiled based on the data provided by the woodbased panel enterprises in the pilot countries. The data can not be used in investment decision-making, but can help to understand the timber industry trend.

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