Kementerian Koordinator Bidang Perekonomian
Republik Indonesia

INDONESIAN LOGISTICS SYSTEM:
Existing Conditions, Policies, and Initiatives

(JTTRI Logistics Symposium)

ASISTEN DEPUTI PENGEMBANGAN LOGISTIK NASIONAL
DEPUTI BIDANG KOORDINASI PERNIAGAAN DAN EKONOMI DIGITAL
JAKARTA, 04 SEPTEMBER 2025

OVERVIEW OF INDONESIAN LOGISTICS (1)

NATIONAL LOGISTICS COST

National Logistics Costs

14,29%

GDP*

2022

→ Rp 2.799,2 T

Transportation Costs

(8,79%) → Rp 1.721,8 T

Inventory and Warehousing Costs

(3,19%) → Rp 624,9 T

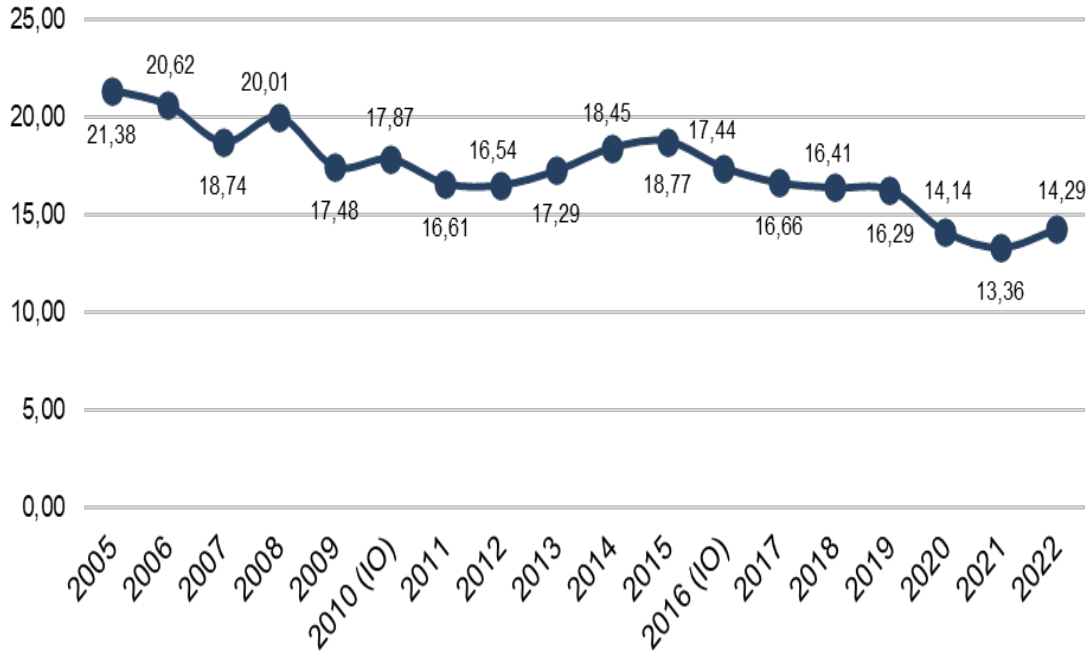
Administration Costs

(2,30%) → Rp 450,5 T

*GDP at current prices in 2022

Source: Bappenas 2023 and BPS 2022

HISTORICAL DATA OF NATIONAL LOGISTICS COST TO GDP (%)



OVERVIEW OF INDONESIAN LOGISTICS (2)

I. Maritime Indicator

LPI SUPPLY CHAIN TRACKING DATA RESULT

Category of indicators	Section	Indicator	Indicator unit	Indonesia	Philippines	Vietnam	Malaysia	Thailand	Singapore	Cambodia
Connectivity	Shipping	Number of services	count	118	66	180	208	89	240	12
Connectivity	Shipping	Number of alliances	count	1	0	3	4	3	5	0
Connectivity	Shipping	Number of partner countries (Maritime connectivity)	count	17	15	34	70	33	81	10
Port performance	Shipping	Turnaround time at port (days) Median	days	1,1	1	0,8	1	0,8	1	0,8
Port performance	Shipping	Turnaround time at port (days) Mean	days	1,8	1,3	0,9	1,2	1	1,2	0,9
Port performance	Shipping	Turnaround time at port (days) IQR (P75 P25)	days	0,9	0,8	0,5	0,7	0,8	0,6	0,5
Port performance	Shipping	Turnaround time weighted by ship's TEU Median	days	1,1	1,1	0,9	1	1,1	1,2	0,8
Port performance	Shipping	Turnaround time weighted by ship's TEU Mean	days	1,5	1,3	1	1,4	1,4	1,3	1
Import delays	Shipping	Number of observations (Import)	count	41619	43236	50207	39582	31034	13621	7951
Import delays at the port and intermediate inland location	Shipping	Consolidated dwell time (in days), Mean (Import)	days	3,4	6,4	5,4	5,8	5,7	3	3,6
Import delays at the port and intermediate inland location	Shipping	Consolidated dwell time (in days), Media (Import)	days	2,3	5	3,6	3,6	4,3	1,5	2,1
Import delays at the port and intermediate inland location	Shipping	Consolidated dwell time P25 (Import)	days	1,2	3	1,8	1,8	2,6	0,8	1
Import delays at the port and intermediate inland location	Shipping	Consolidated dwell time P75 (Import)	days	4,2	8	7,1	6,6	7,1	2,6	4,1
Import delays at the port location	Shipping	Port dwell time Mean (Import)	days	3,2	6,2	5,3	5,8	4,4	3	3,6
Import delays at the port location	Shipping	Port dwell time Median (Import)	days	2,2	4,9	3,6	3,6	3,3	1,5	2,1
Import delays at the port location	Shipping	Port dwell time P25 (Import)	days	1,2	2,8	1,8	1,8	1,7	0,8	1
Import delays at the port location	Shipping	Port dwell time P75 (Import)	days	4	8	7	6,6	5,4	2,6	4,1
Export delays	Shipping	Number of observations (Export)	count	46046	13153	83093	32484	48034	15384	10461
Export delaysat the port and intermediate inland location	Shipping	Consolidated dwell time (in days), Mean (Export)	days	3,5	4,7	4,7	4,4	5,8	3,1	2,4
Export delaysat the port and intermediate inland location	Shipping	Consolidated dwell time (in days), Media (Export)	days	3,3	3,3	4,1	3,6	5,1	2,2	1,4
Export delaysat the port and intermediate inland location	Shipping	Consolidated dwell time P25 (Export)	days	2,2	2,1	2,5	2,4	3,5	1,5	1
Export delaysat the port and intermediate inland location	Shipping	Consolidated dwell time P75 (Export)	days	4,6	5,9	6,3	5,5	7,4	3,4	3
Export delays at a port location	Shipping	Port dwell time Mean (Export)	days	3,5	4,6	4	4,4	5,1	3,1	2,4
Export delays at a port location	Shipping	Port dwell time Median (Export)	days	3,3	3,2	3,2	3,6	4,5	2,2	1,4
Export delays at a port location	Shipping	Port dwell time P25 (Export)	days	2,2	2,1	1,9	2,4	3	1,5	1
Export delays	Shipping	Port dwell time P75 (Export)	days	4,6	5,9	5,4	5,5	6,5	3,4	3

Sumber: Bank Dunia, 2023, diolah

OVERVIEW OF INDONESIAN LOGISTICS (3)

LPI SUPPLY CHAIN TRACKING DATA RESULT

II. Aviation Indicator

Category of indicators	Section	Indicator	Indicator unit	Indonesia	Philippines	Vietnam	Malaysia	Thailand	Singapore	Cambodia
Connectivity	Aviation	Average number of country partners	count	104	92,5	98	111	120	124,5	56,5
Import delaysairfreight	Airfreight	Aviation import dwell time (milestones NFD to D Mean (days)	days	2,4	2,4	2,4	0,8	2,1	0,3	3,5
Import delaysairfreight	Airfreight	Aviation import dwell time (milestones NFD to D IQR (P75P25)	days	3,7	5,8	3,5	2,1	3,1	2,5	5,2
Import delaysairfreight	Airfreight	Aviation import dwell time (milestones NFD to D Median (days)	days	2,6	2,9	2,6	1,1	2,1	1,6	3,1

III. Postal Indicator

Category of indicators	Section	Indicator	Indicator unit	Indonesia	Philippines	Vietnam	Malaysia	Thailand	Singapore	Cambodia
Connectivity	Postal	Average number of international postal partners	count	117	116	103,5	123	121	116	57,5
Import delayspostal	Postal	Delivery time Mean (days)	days	13,3	18,9	8,2	5,2	2,6	1,9	4
Import delayspostal	Postal	Delivery time Median (days)	days	7,2	13,7	5	2,9	2,1	1,1	0,3
Import delayspostal	Postal	Delivery time (P80P20)	days	11,1	22,2	8,9	4,5	2	1,5	4

Sumber: Bank Dunia, 2023, diolah

A MANDATE TO IMPROVE NATIONAL LOGISTICS PERFORMANCE

The target for achieving Indonesia's 2045 vision is that one of the targets is the persentage of National Logistics Costs to GDP of 8% of GDP in 2045 and 12.5% in 2029*.

Draft of Presidential Decree on Strengthening National Logistics

Objectives :

1. Reducing the percentage of national logistics costs to gross domestic product in line with targets in national planning documents;
2. Improving national logistics performance in global logistics performance indicators.

Scope:

1. National Logistics Strengthening Strategy

1. Strengthening connectivity infrastructure, backbone services, and logistics support facilities;
2. Strengthening the integration and digitalization of logistics services; and
3. Increasing the competitiveness of human resources and logistics service providers.

2. National Logistics Performance Measurement

1. Percentage of national logistics costs to gross domestic product; and
2. Global logistics performance indicators

3. Working Mechanism and Reporting

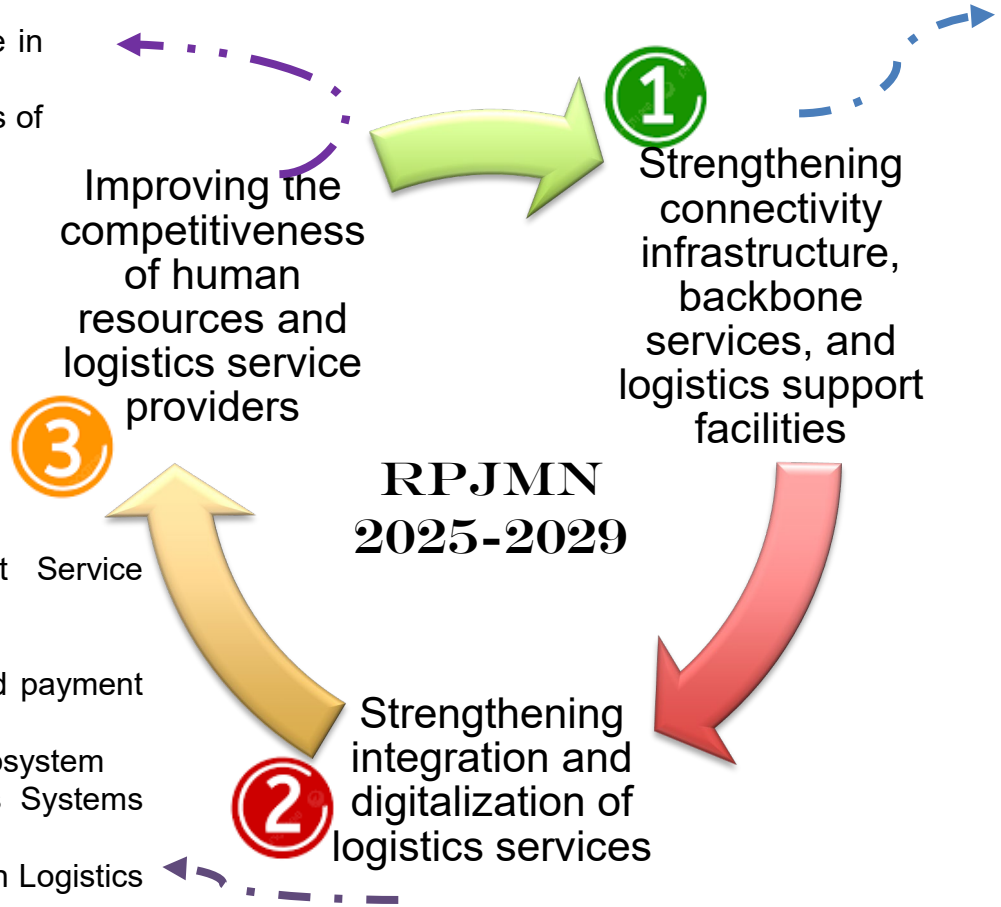
the Coordinating Minister for the Economic Affairs to carry out Coordination, Synchronization, and Control over the implementation of the Presidential Decree as well as the implementation of monitoring and evaluation of the Action Plan.

Action Plans: As the core of the Presidential Decree on Strengthening National Logistics which serves as a reference for Ministries/Institutions, regional governments, and private sectors in achieving targets as stated in the National Medium-Term Development Plan (RPJMN) 2025-2029.

Sumber: RPJMN 2025-2029

MAIN ACTION PLANS FOR STRENGTHENING NATIONAL LOGISTICS

1. Improving Human Resource (HR) Competence in Logistics
2. Improving the Productivity and Competitiveness of Logistics Service Providers



1. Simplification and Integration of Government Service Business Processes
2. Collaboration among Logistics Service Providers
3. Ease of state revenue payment transactions and payment facilities between business players
4. Provision of support for the National Logistics Ecosystem
5. Strengthening Integration of Logistics Business Systems and Processes
6. Accelerating the Adoption of Digital Technology in Logistics Service Providers
7. Developing the Digital Transformation of Logistics Services
8. Expanding and Strengthening the Integrated Digital Logistics Platform
9. Strengthening Regulations Regarding the Digital Transformation of Logistics Services

1. Improving Utilization of transportation facilities and infrastructure
2. Improving Utilization of trade facilities
3. Improving cold chain logistics
4. Bonded Logistics Centers (PLB)
5. Improving Spatial planning of transportation infrastructure (ports, airports, stations, and dry ports) and goods distribution channels
6. Strengthening regional accessibility
7. Improving Transportation of goods for remote area and/or international destinations
8. Green and smart port assessments.
9. Standardization of Port, Airport, and Terminal Facilities.
10. Preparation of halal standards for logistics facilities (storage services, packaging services, and distribution services) at ports, airports, and terminals.
11. Governance for Improving the Quality of Logistics Transportation Services
12. Implementation of a Safety Management System (SMK) for Public Transportation Companies.
13. Strengthening Humanitarian Logistics

THANK YOU

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