

Transport Statistics: The Experience of Indonesia

Delivered at SESRIC: Statistical Capacity Building (StatCaB) Programme



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Outline



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1

INTRODUCTION



1. Introduction

BPS - Statistics Indonesia : Overview



BPS-Statistics Indonesia is a non-ministerial government agency that is directly responsible to the President and has governmental tasks in Statistics.



BPS's Role

Based on Law No. 16 of 1997 : Statistics



Providing data requirements for the government and the community. (Basic Statistics)



Assist statistical activities in the ministry, government institutions, or other institutions, in building a National Statistical System.



Develop and promote Statistical Technique and Methodology Standards, and provide services in the statistical education and training.



Building collaboration with international institutions and other countries for the development of Indonesia's statistics.



The Role of BPS in One Data Indonesia

*Based on Presidential Regulation
Number 39 of 2019 article 13
paragraph 2:*

*“For statistical data at the
central level, **the coach** for
statistical data at the central
level is the agency that carries
out **governmental tasks in
statistics**”*

1

Establishes **data standards** that apply across central and/or regional agencies

2

Defines **the standard structure and standard format** of the metadata

3

Provides **recommendations** in the data collection planning process by K/L/D/I

4

Re-checks the priority data

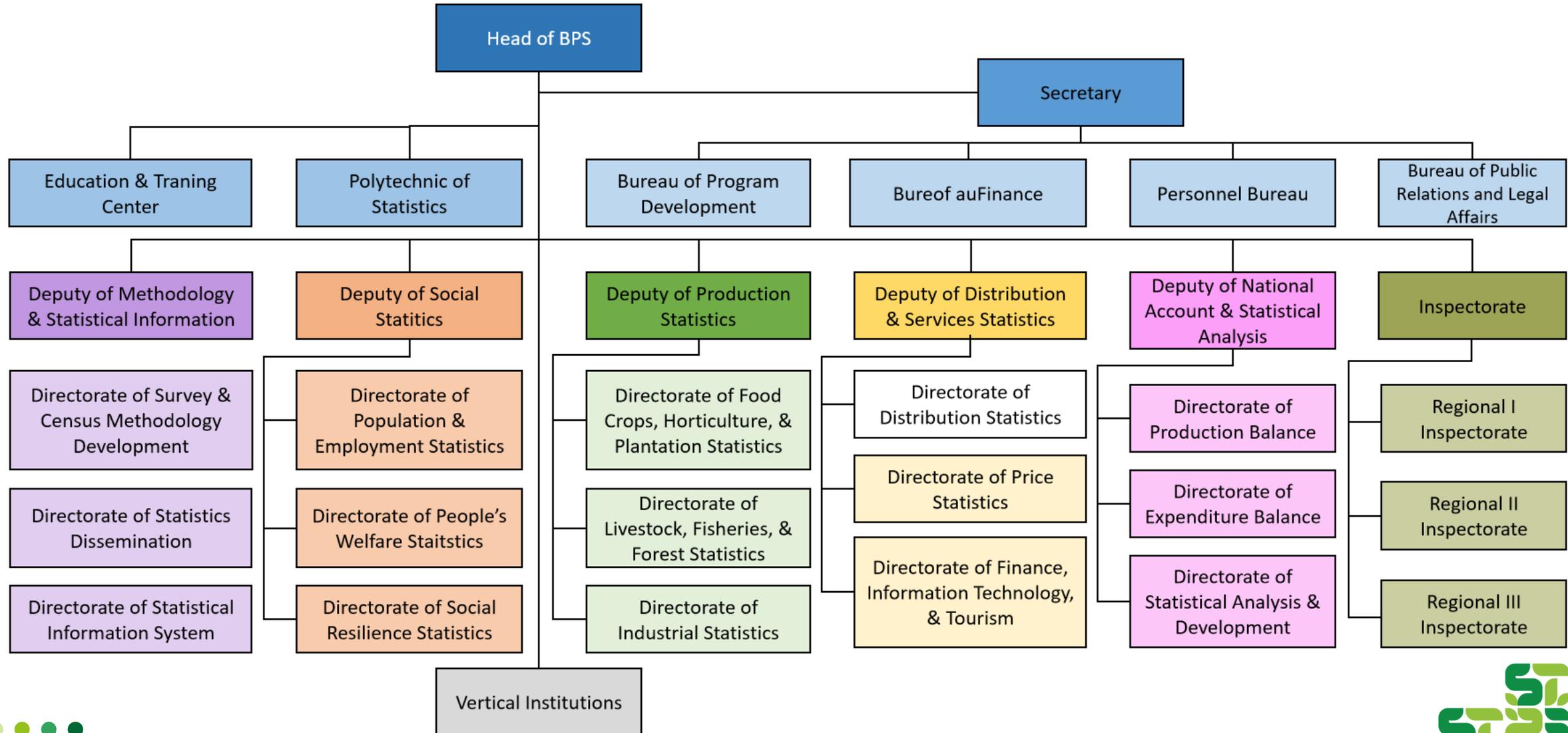
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Coaching the implementation of One Data Indonesia in accordance with rule of law



1. Introduction - BPS - Statistics Indonesia : Overview

Organizational Structure of BPS





Role of Transportation in The Economy



Transportation is the movement of people or goods from one place to another using a vehicle driven by humans or machines



- **Movement of People**

Transportation makes it easier and faster for people to move from one destination to another

- **Transfer of Goods**

Transportation makes goods can be sent from the place of production to other places that need these goods.

- **Maintaining the stability of the price of goods**

Transportation makes the supply of goods easier and more guaranteed so that the price of goods will remain stable

- **Increase the economic value of an area / region**

Transportation increases the productivity and selling value of an area, for example industrial products, agricultural products, land etc.

- **Regional Development**

Transportation can accelerate the development of a region, limited transportation hinders the development of the territory

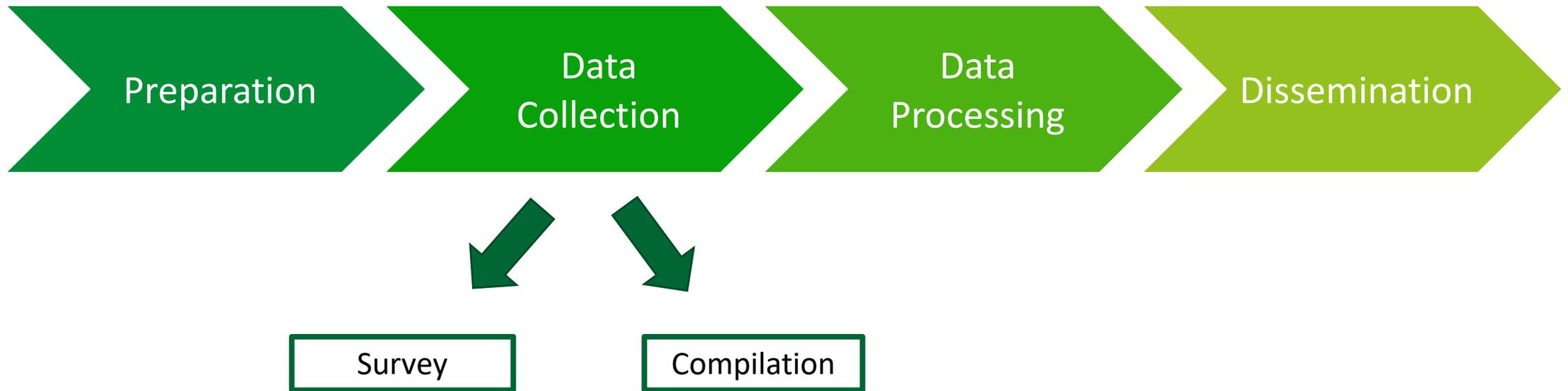


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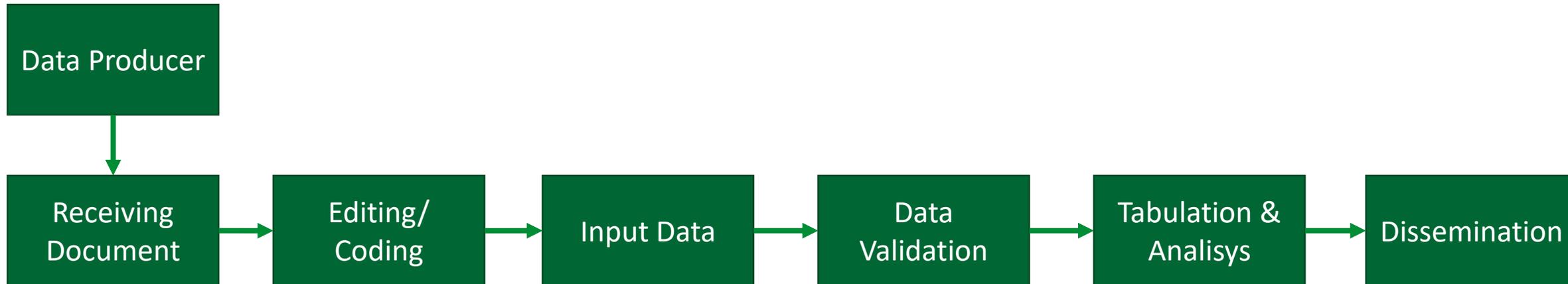
METHODOLOGY

Business Process

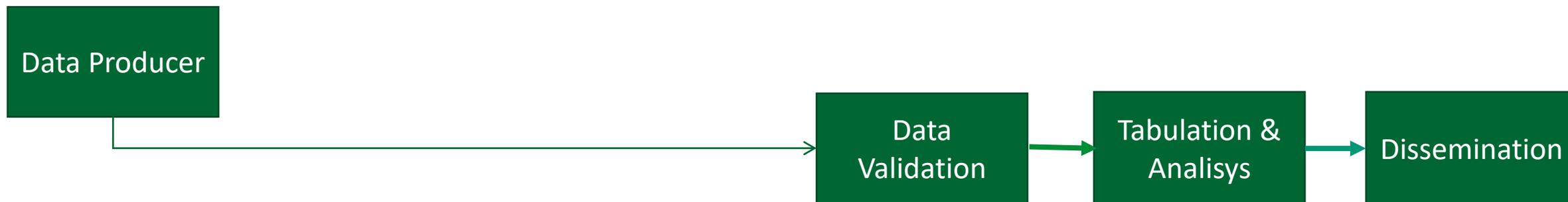


Business Process

Survey



Compilation Administrative Data



Data Collection

Time Reference

Monthly

Quarterly

Annually

Enumerator

BPS regional officer

Non-BPS regional officer Hired

Data Flow

Online Application

E-mail

Application Program Interface(API)

Transport Activities

1. Land Transport
 - Railways Transport
 - Road Transport
2. Water Transport
 - Sea Transport
 - Inland Water Transport
3. Air Transport
4. Storage
5. Supporting and Auxiliary of Transport
 - Cargo handling
 - Parking Services
 - Freight Forwarder
 - Courier





Data Sources

1

Central Institutions

Central Institution



Ministry of Transportation



Indonesian Railways Company



Commuter Line Indonesia



Ministry of Public Works & Housing



Traffic Corps Indonesian National Police



ASDP Indonesia Ferry



PT. Pelabuhan Indonesia



PT. Angkasa Pura I



PT. Angkasa Pura II

2

Regional Institutions

Regional

Regional Public Work Office

Regional Police

Port

Airport

Bus Station

Motor Vehicle Weighing Unit (UPPKB)

Other Transport Business



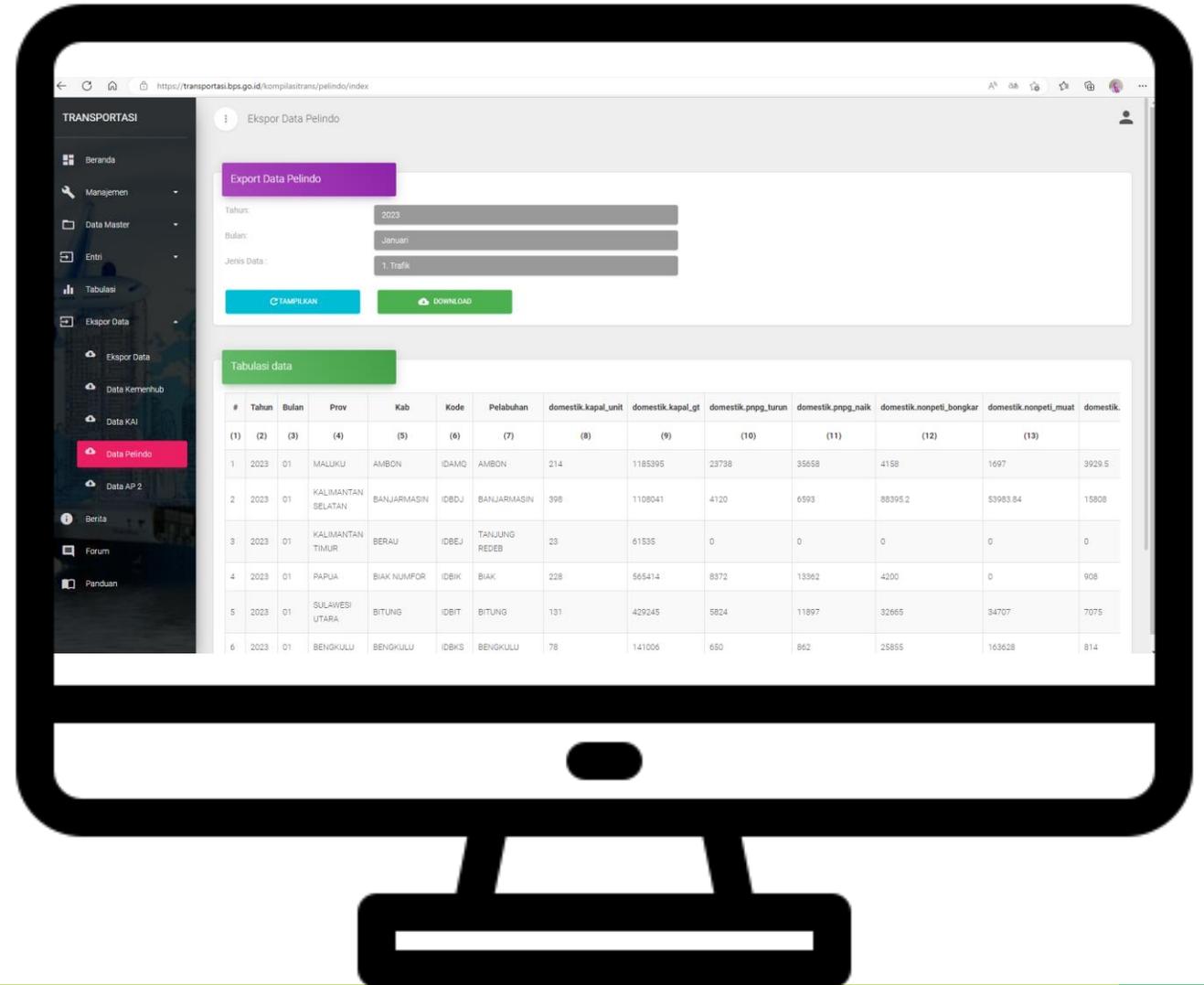
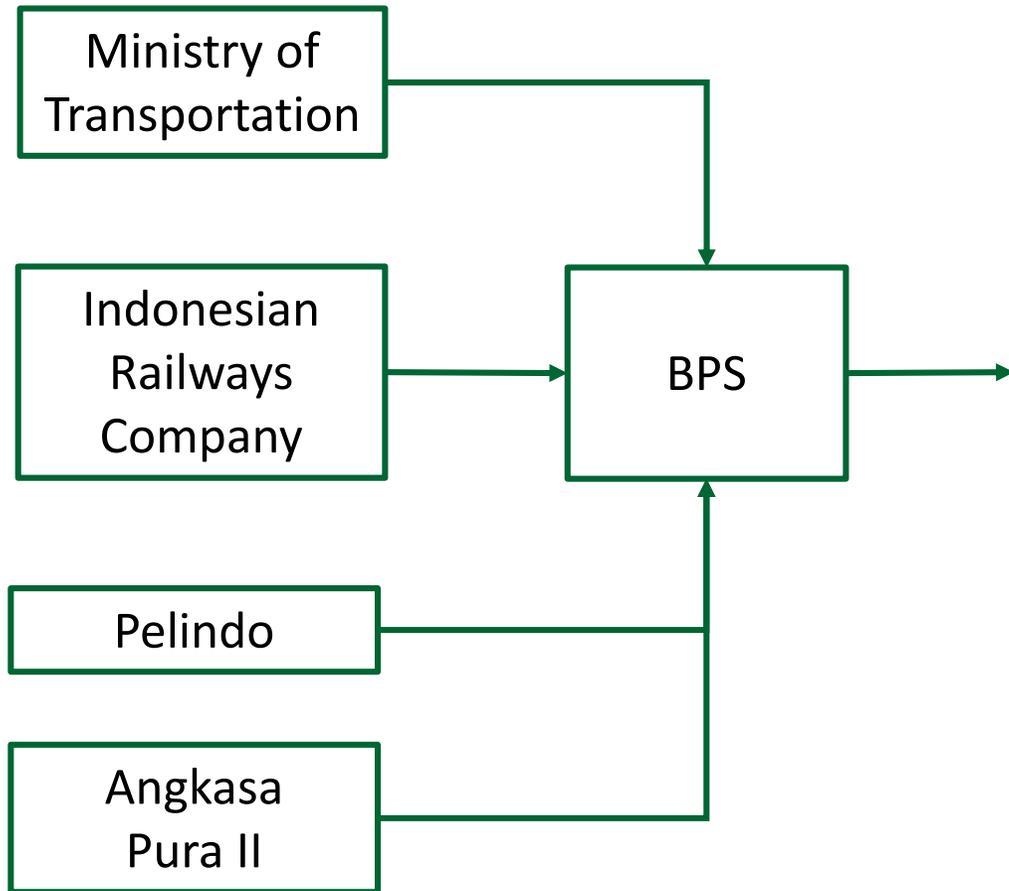
BPS Regional



BPS Statistics Indonesia



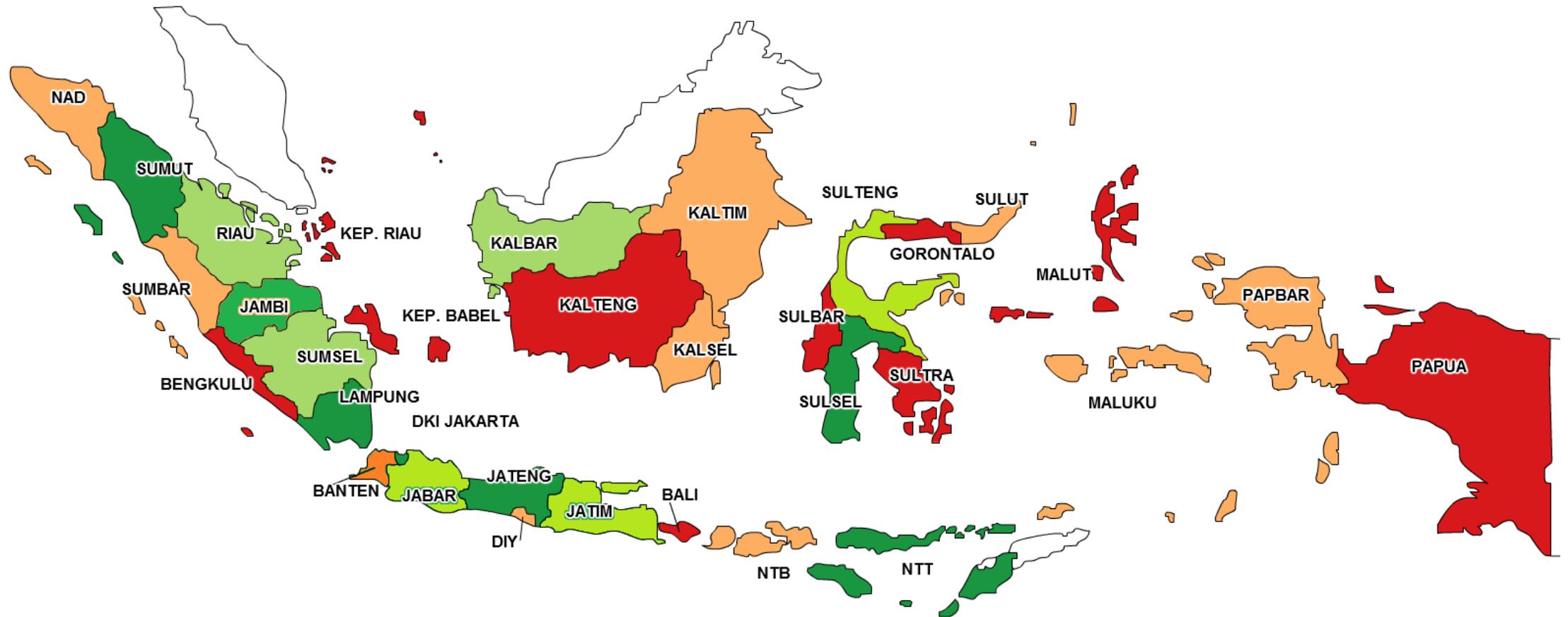
Application Program Interface (API)





Area Coverage

34 provinces with 514 regencies



3



TRANSPORT STATISTICS BY MODE

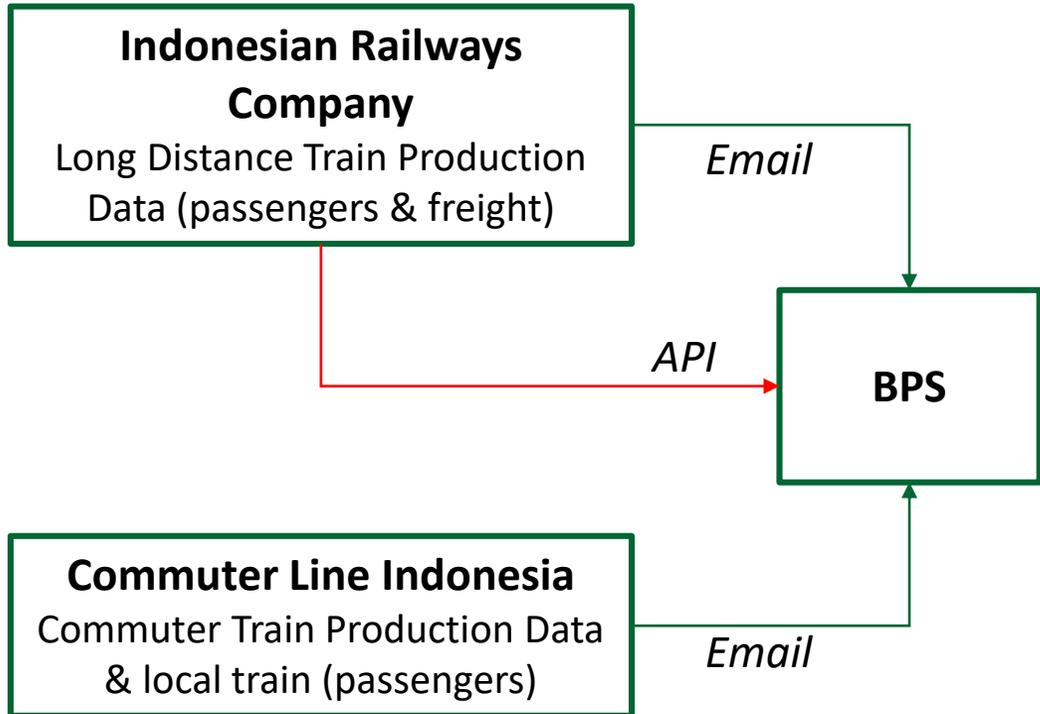




Railways Transport

Time Reference: Monthly

Data Sources



Indonesian Railways Company - PT Kereta Api Indonesia (Persero)

Covers **9 operating areas** (a.k.a DAOP) including all provinces in Java Island and **4 regional divisions** (a.k.a DIVRE) including provinces in Sumatra Island.



Commuterline Indonesia Company - PT Kereta Commuter Indonesia

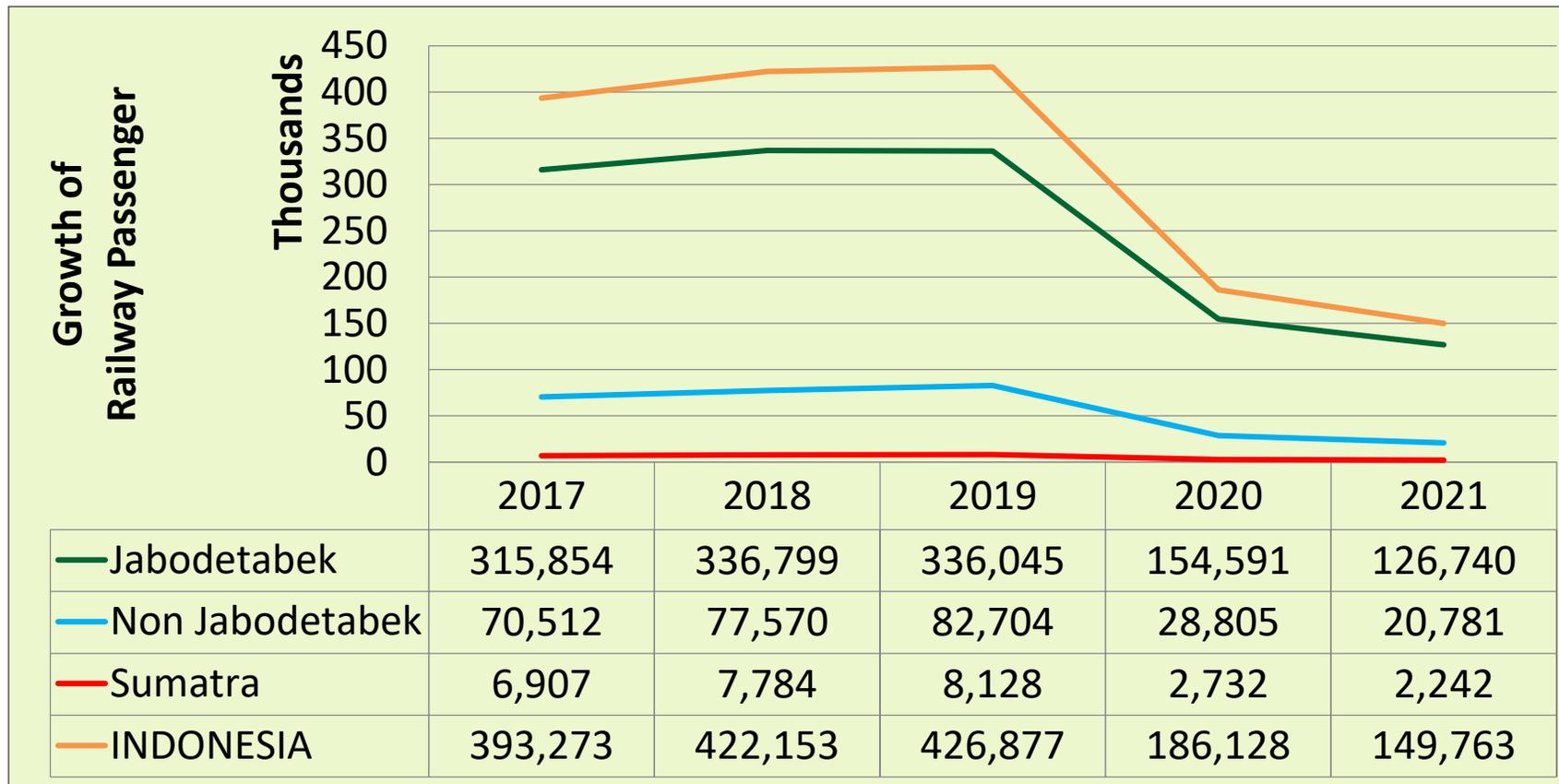


Covers **all areas in DKI Jakarta Province** (as capital city of Indonesia) and **some areas around** including Bogor, Depok, Tangerang, and Bekasi (usually abbreviated as **Jabodetabek area**)



Growth of Railway Passengers by Region in 2017-2021

Growth of Railway Passengers by Region in 2017 – 2021 (000 person)

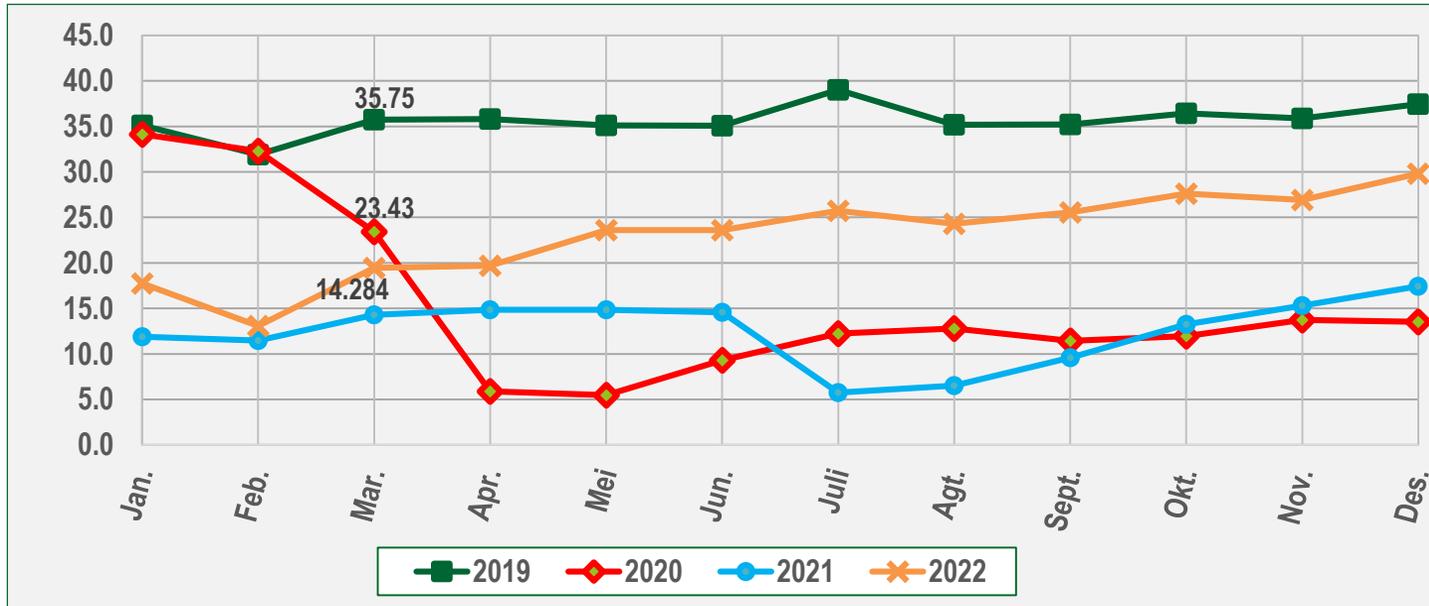


”
Since **2017 to 2019**, the number of train passengers **increased** in each region. However, from **2020 to 2021**, the number of passengers has decreased extreme due to Pandemic Covid-19



Monthly Growth of Railway Passengers January 2019 – December 2021

Monthly Growth of Railway Passengers (million person) January 2019 – December 2021



Monthly Growth		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of passengers	2019	35.12	31.90	35.75	35.81	35.10	35.09	39.04	35.19	35.22	36.45	35.88	37.46
	2020	34.13	32.29	23.43	5.90	5.48	9.29	12.24	12.77	11.43	11.94	13.72	13.52
	2021	11.90	11.48	14.28	14.86	14.86	14.56	5.75	6.52	9.57	13.25	15.32	17.43
	2022	17.74	13.07	19.44	19.71	23.59	23.61	25.74	24.29	25.57	27.61	26.92	29.82

The growth of train passengers from January 2019 to December 2021 fluctuated



Data Sources

- 1. Statistics of bus passengers and weighbridge load Quarterly survey by BPS offices throughout Indonesia***
- 2. Statistics of Motor Vehicles, Driving Licenses, and Traffic Accidents***
 - Indonesian State Police (Korlantas POLRI) and Police Territorial Jurisdiction (POLDA)
 - Directorate of Traffics and Road Transportation (DLLAJ) Ministry of Transportation
 - Association of Indonesia Automotive Industries (Gakindo)
- 3. Statistics of Length of Roads***
 - Directorate General for Road Construction
 - Provincial Public Work Offices
 - Regency Public Work Offices



Bus passengers Statistics

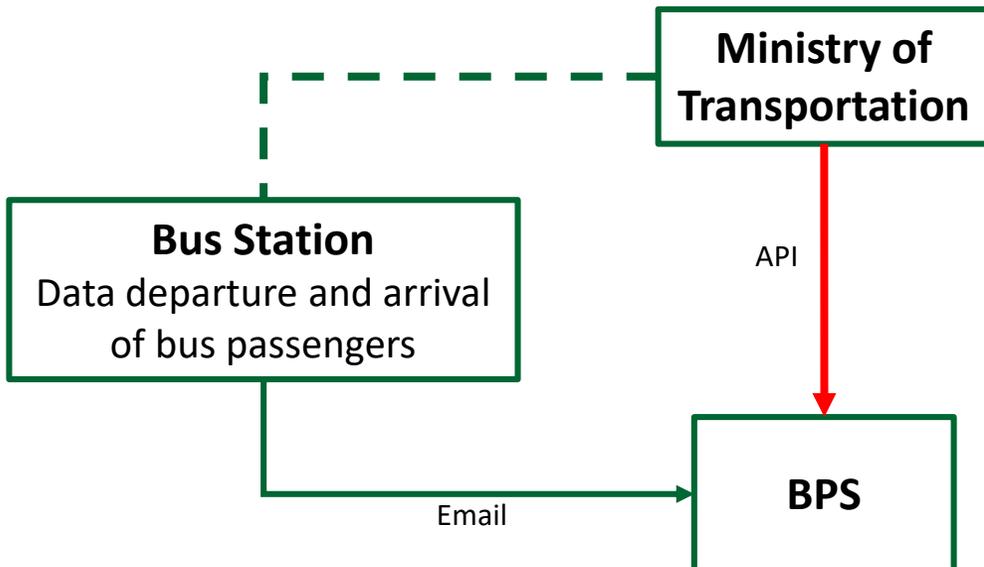
Coverage:

- 111 Bus Station (Type A)

Time Reference:

- Survey (Bus Station) : Quartely
- Data Compilation (Ministry of Transportastion) : Monthly

Data Sources



Definition

Bus Station is a road transportation infrastructure for the purposes of loading and unloading people and/or goods and managing the arrival and departure of public vehicles, which is a form of transportation network node.

Type A bus station is a bus station that serves intercity passenger transportation between provinces



Questioner

Passenger and Freight of Road Transport Survey at Bus Station - Block I

RAHASIA

SAPB - TERMINAL

Triwulan - 2023



REPUBLIK INDONESIA
BADAN PUSAT STATISTIK

**SURVEI ANGKUTAN PENUMPANG DAN BARANG
DI TERMINAL DAN JEMBATAN TIMBANG
2023**

Tujuan Survei : Mendapatkan dan menyajikan data/informasi arus penumpang dan bus yang berangkat dan datang di terminal, serta informasi mengenai wilayah asal dan tujuan.

Dasar Hukum : Undang-undang Nomor 16 Tahun 1997 tentang Statistik

Kerahasiaan : Data yang diberikan responden dijamin kerahasiaannya berdasarkan Undang-undang (pasal 21 UU No. 16 Tahun 1997 tentang Statistik)

Kewajiban : Responden wajib memberikan keterangan yang diperlukan dalam penyelenggaraan statistik dasar oleh Badan Pusat Statistik berdasarkan Undang-undang (pasal 27 UU No.16 Tahun 1997 tentang Statistik)

Quarter

- I. **Bus Terminal Identity**
 - 1. Province
 - 2. Regency
 - 3. Id Number of Bus Station
 - 4. Name of Bus Station
 - a. Address
 - b. Phone Number
 - c. Type of bus station (A/B)
 - 5. Contact Person
 - a. Name
 - b. Title
 - c. Phone number

BLOK I. IDENTITAS TERMINAL

1. Provinsi :

2. Kabupaten/Kota *) :

3. Nomor Urut Terminal :
(diisi BPS Pusat)

4. Nama Terminal :

a. Alamat Terminal :

b. Nomor Telepon : (.....)

c. Tipe Terminal : Tipe A -1 Tipe B -2

(Tipe A berfungsi melayani kendaraan umum untuk angkutan antarkota antarprovinsi (AKAP) dan/atau angkutan lintas batas negara, angkutan antar kota dalam provinsi (AKDP), angkutan kota, dan angkutan pedesaan. Tipe B berfungsi melayani kendaraan umum untuk angkutan antar kota dalam provinsi (AKDP), angkutan kota, dan/atau angkutan pedesaan).

5. Contact Person Terminal

a. Nama :

b. Jabatan :

c. No.Telp / HP yang dapat dihubungi :

*) Coret yang tidak sesuai



Questioner

Passenger and Freight of Road Transport Survey at Bus Station - Block II

II. General Information

1. Routes served by the terminal
AKAP (Intercity Inter province) -1
AKDP (Intercity Within Province) -2
AKAP and AKDP -3
2. Number of Bus Companies (PO) operating at this Terminal
3. Types of Buses in the Terminal
4. Are there display boards that present/inform about departure time, arrival time, and which the direction of each bus in this Terminal
5. Number of workers (average per month)
 - a. Permanent workers
 - b. Non-permanent workers
6. Existence of Business Units on Terminal Area
If Any, how many business units (average per month)

BLOK II. KETERANGAN UMUM				
1. Trayek yang dilayani Terminal	:	AKAP (Antar Kota Antar Provinsi)	-1	<input type="checkbox"/>
		AKDP (Antar Kota Dalam Provinsi)	-2	
		AKAP dan AKDP	-3	
2. Jumlah Perusahaan Otobus (PO) yang beroperasi di Terminal ini				
a. Yang melayani trayek AKAP	:		<input type="text"/>
b. Yang melayani trayek AKDP	:		<input type="text"/>
3. Jenis Bus yang ada di Terminal	:	Bus AC	-1	<input type="checkbox"/>
		Bus Non AC	-2	
		Bus AC dan Non AC	-3	
4. Apakah ada display yang menyajikan/menginformasikan mengenai waktu keberangkatan, waktu kedatangan, dan jurusan masing-masing bus di Terminal ini ?				
		Ada	-1	
		Tidak ada	-2	<input type="checkbox"/>
5. Jumlah pekerja/karyawan (rata-rata per bulan)				
a. Pekerja/karyawan tetap	:	orang	<input type="text"/>
b. Pekerja/karyawan tidak tetap	:	orang	<input type="text"/>
6. Keberadaan Unit Usaha di lahan Terminal :		Ada	-1	<input type="checkbox"/>
		Tidak Ada	-2	
Jika Ada, berapa unit usaha (rata-rata per bulan) :		unit	<input type="text"/>

Questioner

Passengers of Road Transport at Bus Station Block III

III. Terminal Production

1. Interprovince Bus

Column 1. Month

Column 2. Origin/Destination

Column 3. Number of bus arrival

Column 4. Number of passengers arrival

Column 5. Number of bus departure

Column 6. Number of bus departure

BLOK III. PRODUKSI TERMINAL					
Khusus AKAP (Antar Kota Antar Provinsi)			→ Blok II R.1 kode 1 atau 3 dilingkari		
1. Laporan Kedatangan dan Keberangkatan Bus dan Penumpang dari dan ke Terminal AKAP *)					
BULAN	Wilayah Asal dan Tujuan	KEDATANGAN		KEBERANGKATAN	
		BUS (unit)	PENUMPANG (orang)	BUS (unit)	PENUMPANG (orang)
(1)	(2)	(3)	(4)	(5)	(6)
TAHUN 2023					
I. Bulan					
	JUMLAH				
II. Bulan					
	JUMLAH				
III. Bulan					
	JUMLAH				

*) Laporan kedatangan dan keberangkatan bus dan penumpang → bisa di fotocopy dari Laporan Bulanan yang ada di Terminal

Questioner

Passengers of Road Transport at Bus Station Block III

III. Terminal Production

2. Intercity within province Bus

Column 1. Month

Column 2. Origin/Destination

Column 3. Number of bus arrival

Column 4. Number of passengers arrival

Column 5. Number of bus departure

Column 6. Number of bus departure

BLOK III. PRODUKSI TERMINAL (LANJUTAN)					
Khusus AKDP (Antar Kota Dalam Provinsi)			→ Blok II R.1 kode 2 atau 3 dilingkari		
2. Laporan Kedatangan dan Keberangkatan Bus Kota dan Penumpang dari dan ke Terminal AKDP *)					
BULAN	Trayek (Jurusan)	KEDATANGAN		KEBERANGKATAN	
		BUS KOTA (unit)	PENUMPANG (orang)	BUS KOTA (unit)	PENUMPANG (orang)
(1)	(2)	(3)	(4)	(5)	(6)
TAHUN 2023					
I. Bulan					
	JUMLAH				
II. Bulan					
	JUMLAH				
III. Bulan					
	JUMLAH				

*) Laporan kedatangan dan keberangkatan bus kota dan penumpang → bisa di fotocopy dari Laporan Bulanan yang ada di Terminal

Matrix of Passengers' Origin and Destination in Interprovincial Bus Station by Region (person) in 2021



Destination Origin	Sumatera*	DKI Jakarta	West Java	Central Java	Yogyakarta	Jawa Timur	Banten	Bali	NTB	Kalimantan**	Sulawesi***	Others	Total
Sumatera*	544,363	40,496	27,343	18,393	38,423	32		728				1,021,692	1,691,470
DKI Jakarta	26,712		57,084	139,027	6,659	59,746	11,619	10,505	9,307			69,568	390,227
Jawa Barat	166,234	33,442		294,786	41		96,713					831,560	1,422,776
Jawa Tengah	23,847	1,585,785	290,723		256,406	255,604	47,602	33,877				1,642,390	4,136,234
Yogyakarta		15,527										1,057,593	1,073,120
Jawa Timur	960	83,295	55,551	597,403	163,335		39,253	40,321	18,329			4,400,229	5,398,676
Banten	40,710	115,516	166,041	39,359	40,003	12,300						323,281	737,210
Bali												173,707	173,707
NTB		16,746		277	34	10,597						1,889	29,543
Kalimantan**											113,880	28,467	142,347
Sulawesi***											432	47,699	327,435
Total	802,826	1,890,807	596,742	1,089,245	504,901	338,279	195,187	85,431	27,636	114,312	47,699	9,829,680	15,522,745

Notes:

- * Sumatra covers 10 provinces
- ** Kalimantan covers 5 provinces
- *** Sulawesi covers 6 provinces

Numbers of Monthly Passengers' Arrival and Departure in Interprovincial Bus Station in 2019 – 2021

Numbers of Quarterly Passengers' Departure in Interprovincial Bus Station in 2019-2021

Quarter	Number of Buses		Number of Passengers	
	Arrival	Departure	Arrival	Departure
(1)	(2)	(3)	(4)	(5)
Q1	580,401	597,958	8,492,752	9,367,298
Q2	629,572	642,595	8,973,550	9,960,439
Q3	603,419	621,765	7,910,693	8,882,503
Q4	604,860	607,739	7,915,648	9,118,508
2019	2,418,252	2,470,057	33,292,643	37,328,748

Q1	515,690	486,128	5,768,467	5,870,868
Q2	175,545	154,491	1,465,789	1,019,880
Q3	368,661	385,487	2,952,212	3,261,762
Q4	434,873	448,252	3,448,601	3,887,386
2020	1,494,769	1,474,358	13,635,069	14,039,896

Q1	415,837	417,000	3,511,594	4,464,550
Q2	399,543	398,013	3,226,564	3,852,136
Q3	337,176	410,455	2,556,450	3,120,707
Q4	413,997	410,428	3,635,288	4,085,352
2021	1,566,553	1,635,896	12,929,896	15,522,745





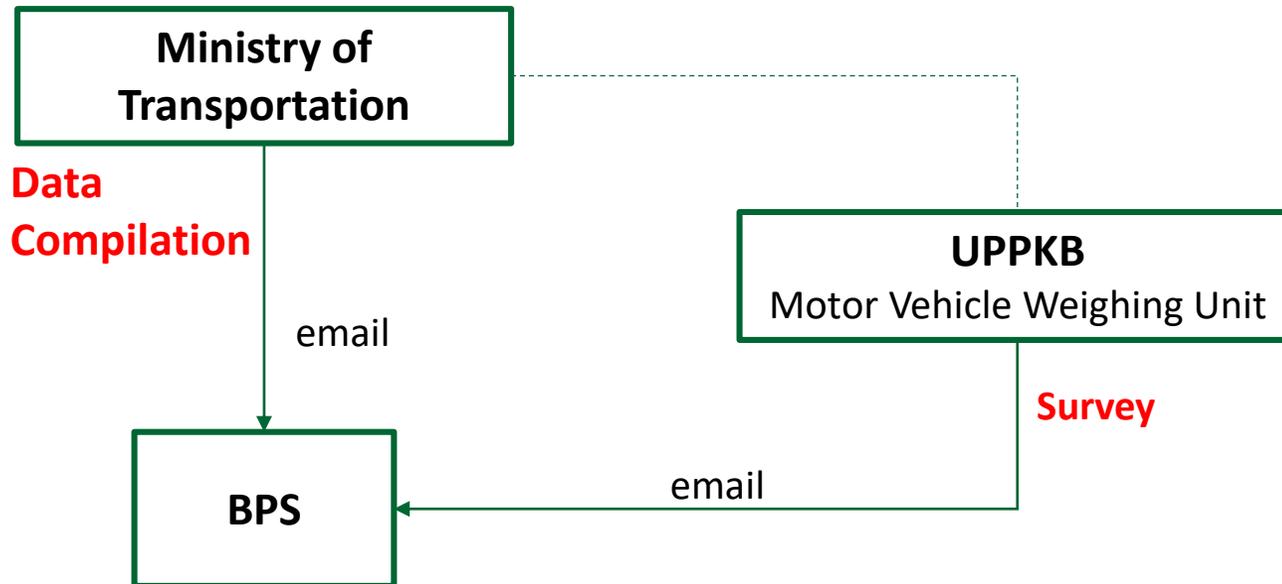
Weighbridge Load Statistics

Coverage:

- 77 motor vehicle weighing unit (UPPKB)

Time Reference: Quarterly

Data Sources



Definition

Weighbridge is a set of tools for weighing goods/ trucks that can be installed permanently or portable devices used to determine the weight of vehicles and their cargo used for road surveillance or to measure the amount of cargo in industry, ports or agriculture



Questioner

Freight of Road Transport at Weighbridge Block I

Quarter

I. Terminal Identity

1. Province
2. Regency
3. Id Number of UPPKB
4. Name of UPPKB
 - a. Address
 - b. Phone Number
 - c. Start Operating Year
5. Contact Person
 - a. Name
 - b. Title
 - c. Phone number

RAHASIA

SAPB - JEMBATAN TIMBANG

Triwulan - 2023



REPUBLIK INDONESIA
BADAN PUSAT STATISTIK

SURVEI ANGKUTAN PENUMPANG DAN BARANG
DI TERMINAL DAN JEMBATAN TIMBANG
2023

Tujuan Survei : Mendapatkan dan menyajikan data/informasi arus barang menurut volume dan jenis barang yang diangkut pada moda angkutan barang di Jembatan Timbang / UPPKB (Unit Pelaksana Penimbangan Kendaraan Bermotor), serta informasi mengenai wilayah asal dan tujuan barang.

Dasar Hukum : Undang-undang Nomor 16 Tahun 1997 tentang Statistik

Kerahasiaan : Data yang diberikan responden dijamin kerahasiaannya berdasarkan Undang-undang (pasal 21 UU No. 16 Tahun 1997 tentang Statistik)

Kewajiban : Responden wajib memberikan keterangan yang diperlukan dalam penyelenggaraan statistik dasar oleh Badan Pusat Statistik berdasarkan Undang-undang (pasal 27 UU No. 16 Tahun 1997 tentang Statistik)

BLOK I. IDENTITAS JEMBATAN TIMBANG

1. Provinsi :

2. Kabupaten/Kota *) :

3. Nomor Urut Unit Pelaksana Penimbangan Kendaraan Bermotor (UPPKB) : (diisi BPS Pusat)

4. Nama UPPKB :

a. Alamat UPPKB :

b. Nomor Telepon : (.....)

c. Tahun mulai beroperasi :

(Beroperasi disini maksudnya UPPKB mulai aktif sesuai Perda yang berlaku dan telah dilakukan pencatatan aktifitasnya)

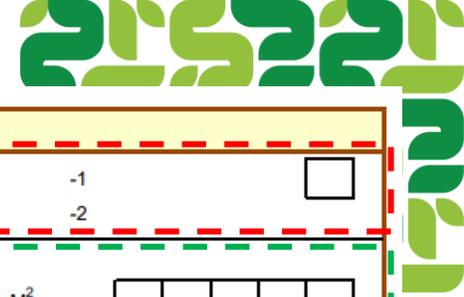
5. Contact Person UPPKB

a. Nama :

b. Jabatan :

c. No. Telp / HP yang dapat dihubungi :

*) Cover yang tidak sesuai



Questioner

Freight of Road Transport at Weighbridge Block II. General Information

1. Type of weighbridge (pemanent/portable)

2. Area of facilities available at weighbridge (M²)

- a. parking area
- b. office area
- c. warehouse
- d. weighing area
- e. Other area
- f. Total

3. Availability & condition (good, moderate, broken) of surveillance equipment

- a. computer
- b. platform
- c. weighing indicator
- d. weighing/overload LED display
- e. sign boards
- f. genset
- g. loud speaker

4. Source of goods transported information

- a. Certificate of goods carriage
- b. Physical checking
- c. Driver's information

5. Number of workers

- a. Permanent workers (Field officers & Administration staff)
- b. Non permanent workers

BLOK II. KETERANGAN UMUM

1. Jenis jembatan timbang di UPPKB : Jembatan timbang permanen -1
Jembatan timbang *portable* -2

2. Luas fasilitas yang ada di UPPKB:

- a. Luas lapangan parkir : M²
- b. Luas bangunan kantor : M²
- c. Luas gudang : M²
- d. Luas lahan untuk penimbangan kendaraan : M²
- e. Luas lain-lain : M² +
- f. Luas lahan keseluruhan : M²

3. Keberadaan dan kondisi peralatan pengawasan yang digunakan di UPPKB :

[Beri tanda (√) pada kolom yang sesuai]

No	Nama Peralatan	Keberadaan		Kondisi		
		Ada	Tidak Ada	Baik	Cukup	Rusak
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Komputer Penimbangan					
2	Platform Jembatan Timbang					
3	Indikator Penimbangan					
4	LED Display Berat/Kelebihan					
5	Rambu-rambu					
6	Genset					
7	Pengeras Suara					

4. Pengawasan terhadap barang yang diperiksa diperoleh dari :

Surat Jalan -1 Pengakuan Sopir -4
Bukti Fisik -2 Lainnya (.....) -8

5. Jumlah pekerja/karyawan (rata-rata per bulan)

- a. Pekerja/karyawan tetap : orang
- Di Lapangan : orang
- Administrasi : orang
- b. Pekerja/karyawan tidak tetap : orang

Questioner

Freight of Road Transport at Weighbridge Block III. Weighbridge Production

1. Weighing report

- Column 1 : Number
- Column 2 : Month
- Column 3 : The number of weighed vehicles
- Column 4 : Volume of basic foodstuff (Tons)
- Column 5 : Volume of strategic goods
- Column 6 : Volume of other goods
- Column 7 : Total volume of goods

2. Origin destination of goods

- Column 1 : Number
- Column 2 : Weighbridge of origin
- Column 3 : Volume of goods
- Column 4 : Destination

3. Infringing report

- Column 1 : Number
- Column 2 : Month
- Column 3 : Number of infringing vehicles (unit)
- Column 4 : Number of non-infringing vehicles (unit)

BLOK III. PRODUKSI JEMBATAN TIMBANG

1. Laporan Penimbangan di UPPKB :

No	Bulan	Jumlah Kendaraan yang Ditimbang (Unit)	Volume Barang yang Diangkut Menurut Jenisnya (Ton)			TOTAL VOLUME Barang yang Diangkut (Ton) [kol 4 + kol 5 + kol 6] (7)
			Sembako	Strategis	Barang Umum/ Lain-Lain	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
TAHUN 2023						
1	Bulan					
2	Bulan					
3	Bulan					
JUMLAH						

2. Laporan Asal dan Tujuan, serta Volume Barang yang Diangkut di UPPKB :

No	UPPKB / Wilayah Asal Barang	VOLUME Barang yang Diangkut di UPPKB ini (Ton)	Wilayah / Provinsi Tujuan Akhir Barang ¹⁾
(1)	(2)	(3)	(4)
TAHUN 2023			
Bulan :			
1	UPPKB :		1.
			2.
			3.
			4.
			5.
			...
2 Provinsi Lain			
TOTAL VOLUME Barang yang Diangkut			
Bulan :			
1	UPPKB :		1.
			2.
			3.
			4.
			5.
			...
2 Provinsi Lain			
TOTAL VOLUME Barang yang Diangkut			

3. Laporan Pelanggaran :

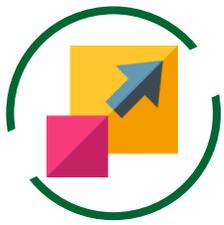
Jumlah angkutan/kendaraan barang yang melanggar dan tidak melanggar:

No	Bulan	Jumlah Kendaraan yang Melanggar (Unit)	Jumlah Kendaraan yang Tidak Melanggar (Unit)
(1)	(2)	(3)	(4)
TAHUN 2023			
1	Bulan		
2	Bulan		
3	Bulan		
JUMLAH			



Volume of Goods Transported in the UPPKB by Type of Goods, 2021

Quarter	Number of Vehicles Weighted (unit)	The volume of freight transported (Tons)			Total Volume of Freight Transported (Tons)
		Groceries	Strategic Goods	General Goods	
(1)	(2)	(3)	(4)	(5)	(6)
I	236.586	284.686	244.110	901.353	1.430.149
II	217.253	268.164	263.502	721.627	1.253.293
III	199.616	392.005	250.359	862.883	1.505.247
IV	248.828	294.457	292.610	797.514	1.384.581
Total	902.283	1.239.312	1.050.581	3.283.377	5.573.270



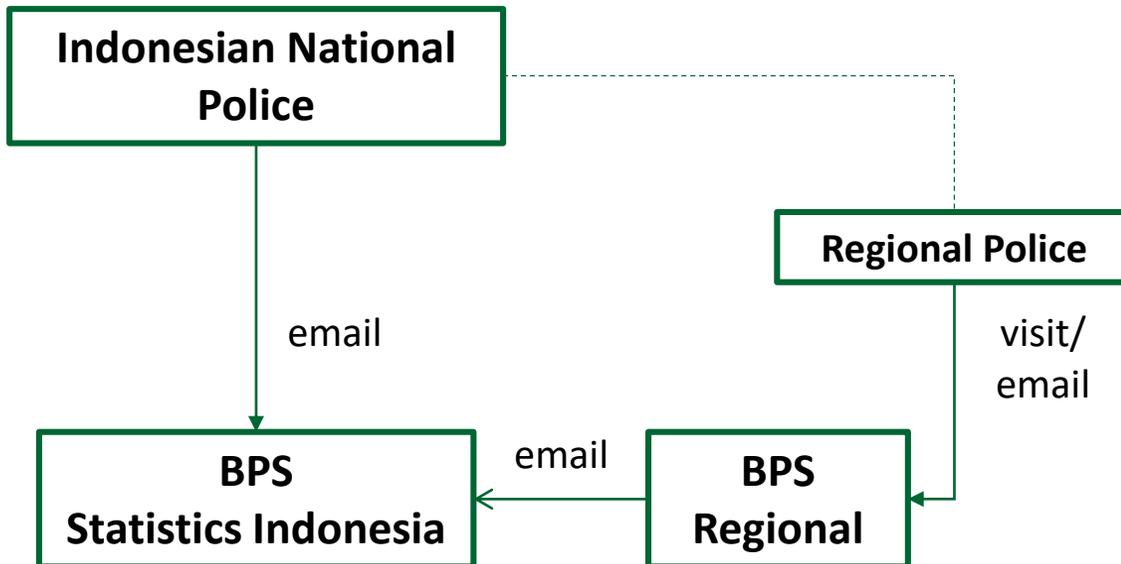
Motor Vehicles Statistics

Coverage:

- 34 Provinces, 514 Regencies

Time Reference: Annually

Data Sources



Definition



Vehicle is a vehicle on the road consisting of motor vehicles and non motor vehicle.



Motor Vehicles are any kind of vehicles motorized by machine in those vehicles. Usually used for carrying peoples and goods on roads except those vehicles moved along a railway line. The data cover all kinds of motor vehicles except those belong to Indonesia Army Force, Indonesian State Police and Corps Diplomatic.



Number of Motor Vehicles by Type, 2017 – 2021 (units)

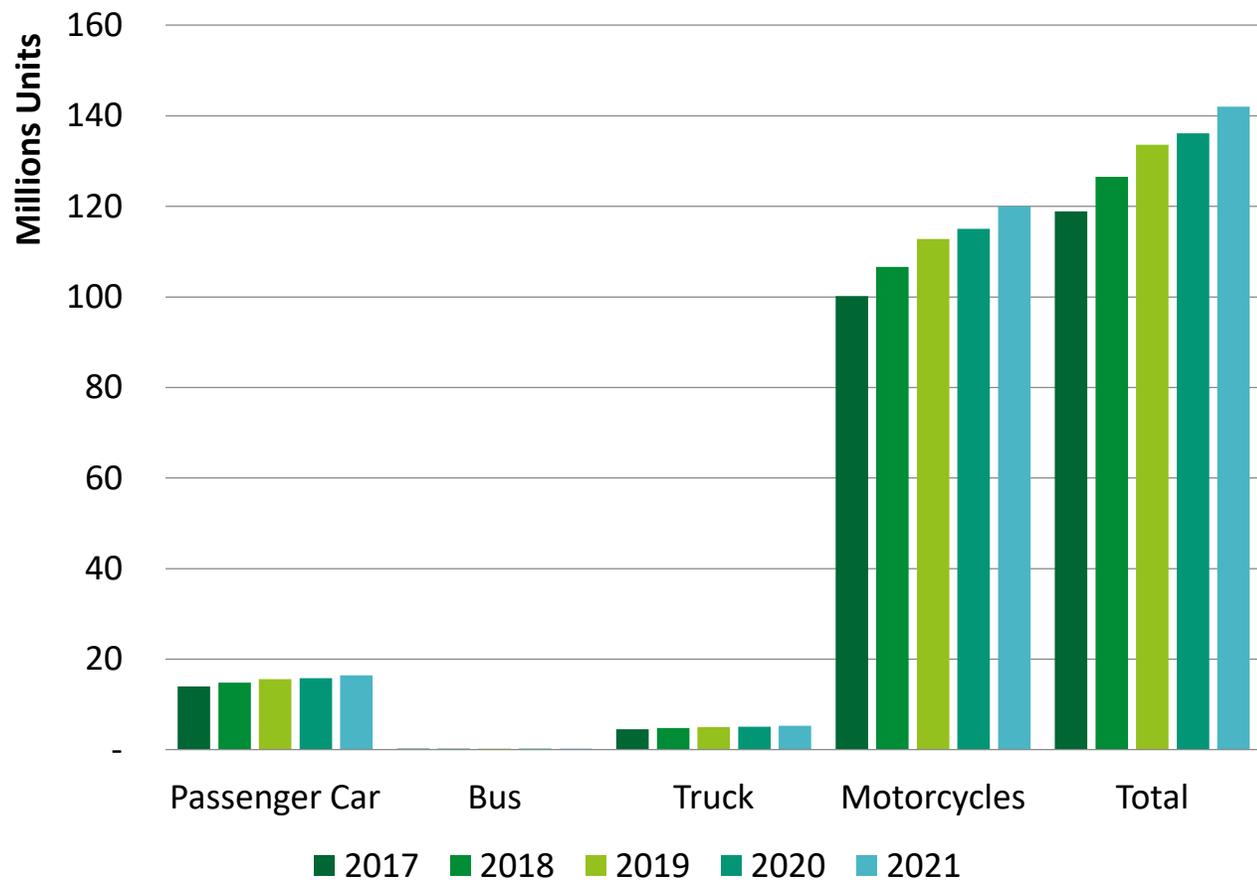
Type of Vehicles	2017	2018	2019	2020	2021
(1)	(2)	(3)	(4)	(5)	(6)
Passengers Car	13,968,202	14,830,698	15,592,419	15,797,746	16,413,348
Bus	213,359	222,872	231,569	233,261	237,566
Trucks	4,540,902	4,797,254	5,021,888	5,083,405	5,299,361
Motorcycles	100,200,245	106,657,952	112,771,136	115,023,039	120,042,298
Total	118,922,708	126,508,776	133,617,012	136,317,451	141,992,573
Growth (%)		6.38	5.62	1.89	4.53



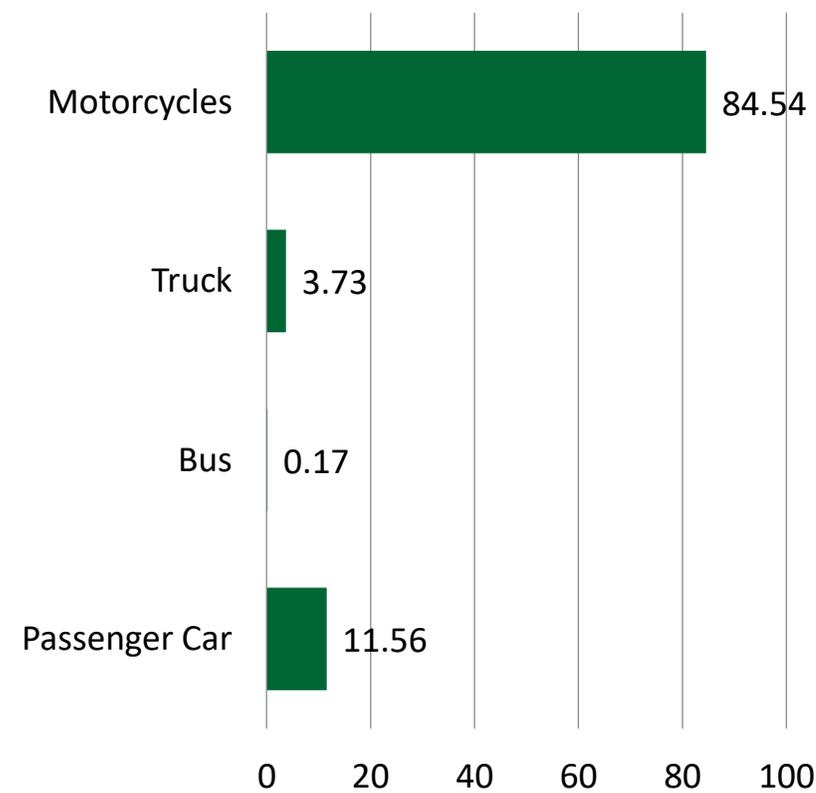


Statistics of Motor Vehicles

Number of Motor Vehicles by Type, 2017 – 2021 (million units)



Composition of Motor Vehicles by Type in 2021 (percent)





Number of Traffic Accidents, Casualties, and Material Losses, 2017-2021

Definition



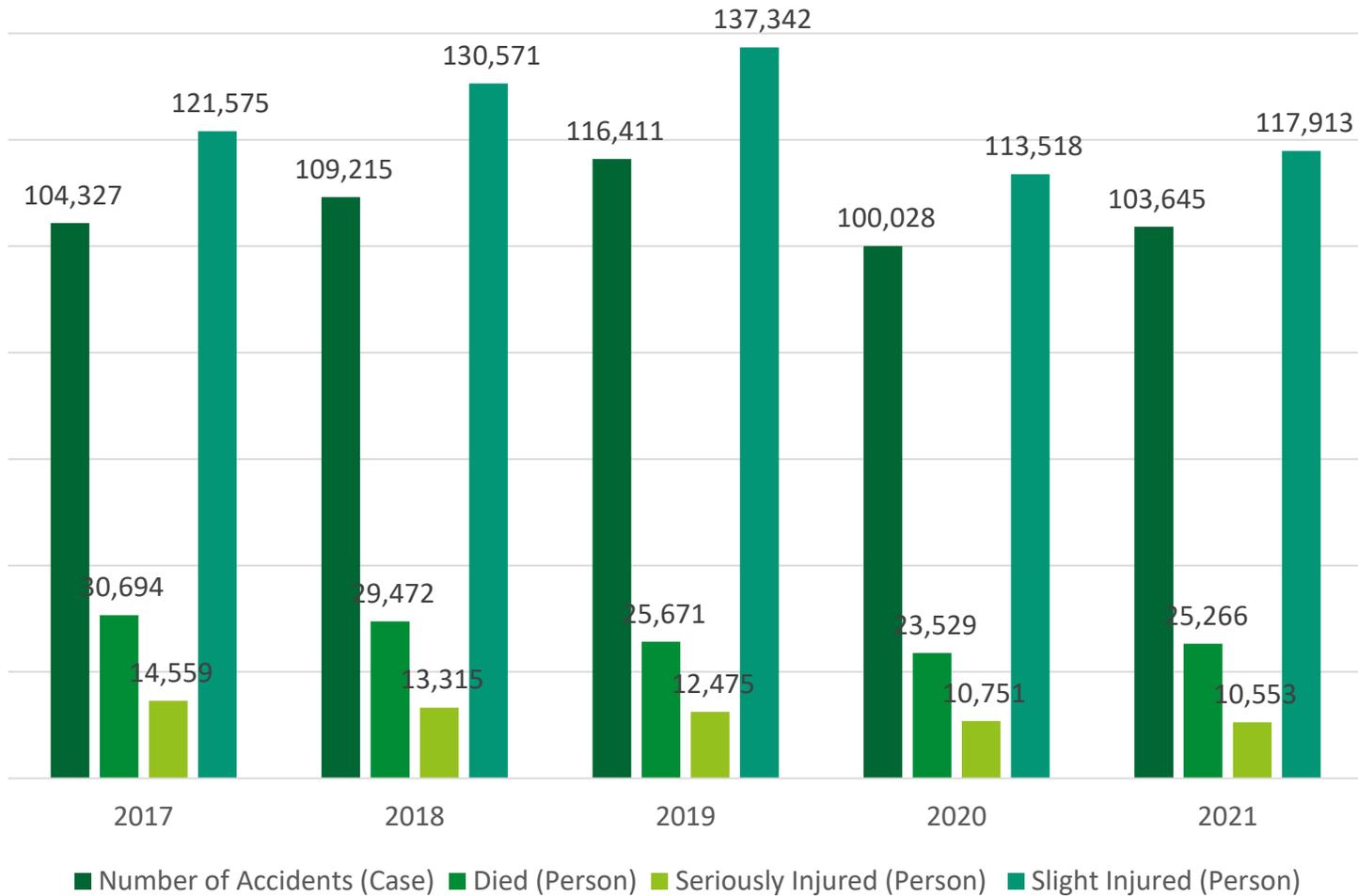
Traffic Accident is an event in a way that unexpected and unintended that involving vehicle with or without other road users, resulting in human casualties or property loss.

DATA

Description	2017	2018	2019	2020	2021
(1)	(4)	(5)	(6)	(5)	(6)
Number of Accidents (Case)	104,327	109,215	116,411	100,028	103,645
Died (Person)	30,694	29,472	25,671	23,529	25,266
Seriously Injured (Person)	14,559	13,315	12,475	10,751	10,553
Slight Injured (Person)	121,575	130,571	137,342	113,518	117,913
Material Loss (Million IDR)	217,031	213,866	254,779	198 456	246,653



Number of Traffic Accidents and Casualties in 2017-2021



Due to 2021 traffic accidents,



16,44%
casualties died



6,86%
casualties seriously injured



76,70%
casualties slightly injured



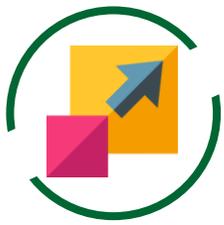


Number of Driving license issued in 2017-2021

<i>Type of Driving Licence (SIM)</i>	2017	2018	2019	2020	2021
(1)	(2)	(3)	(4)	(5)	
SIM A	3 372 561	3 974 924	4 139 101	3 798 943	4 043 166
SIM BI	118 692	103 625	91 328	91 476	95 519
SIM BII	35 729	18 054	14 350	13 754	14 661
SIM C	8 042 225	8 855 521	9 304 885	7 844 853	7 501 763
Total	11 569 207	12 952 124	13 549 664	11 749 026	11 655 109

Type of Driving License (SIM)

- **SIM A** applies to drive a private car with a passenger and luggage weight allowed amount not exceeding 3,500 kilograms.
- **SIM BI** applies to drive a private car with a passenger and luggage weight allowed amount over 3,500 kilograms.
- **SIM BII** applies to drive a heavy quipment vehicles, puller vehicles, or motor vehicles to pull individual trailer with weight allowed to train or trailer over 1,000 (one thousand) kilograms
- **SIM C** applies to drive a motorcycle



Length of Road Statistics

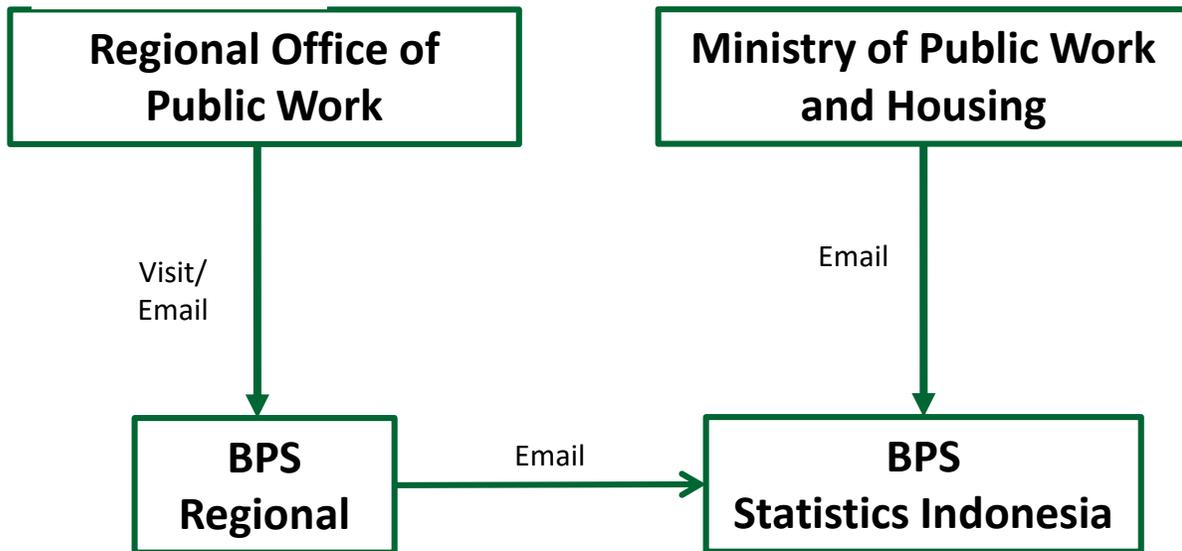
Coverage:

- 514 Regencies

Time Reference:

- Annually

Data Sources



Road by Surface Type

- **Asphalt Road** is road that its surface coated by asphalt.
- **Gravel Road** is road that its surface was ossified and coated by gravel
- **Soiled Road** is road that hasn't ossified yet and still consist is ordinary geology.



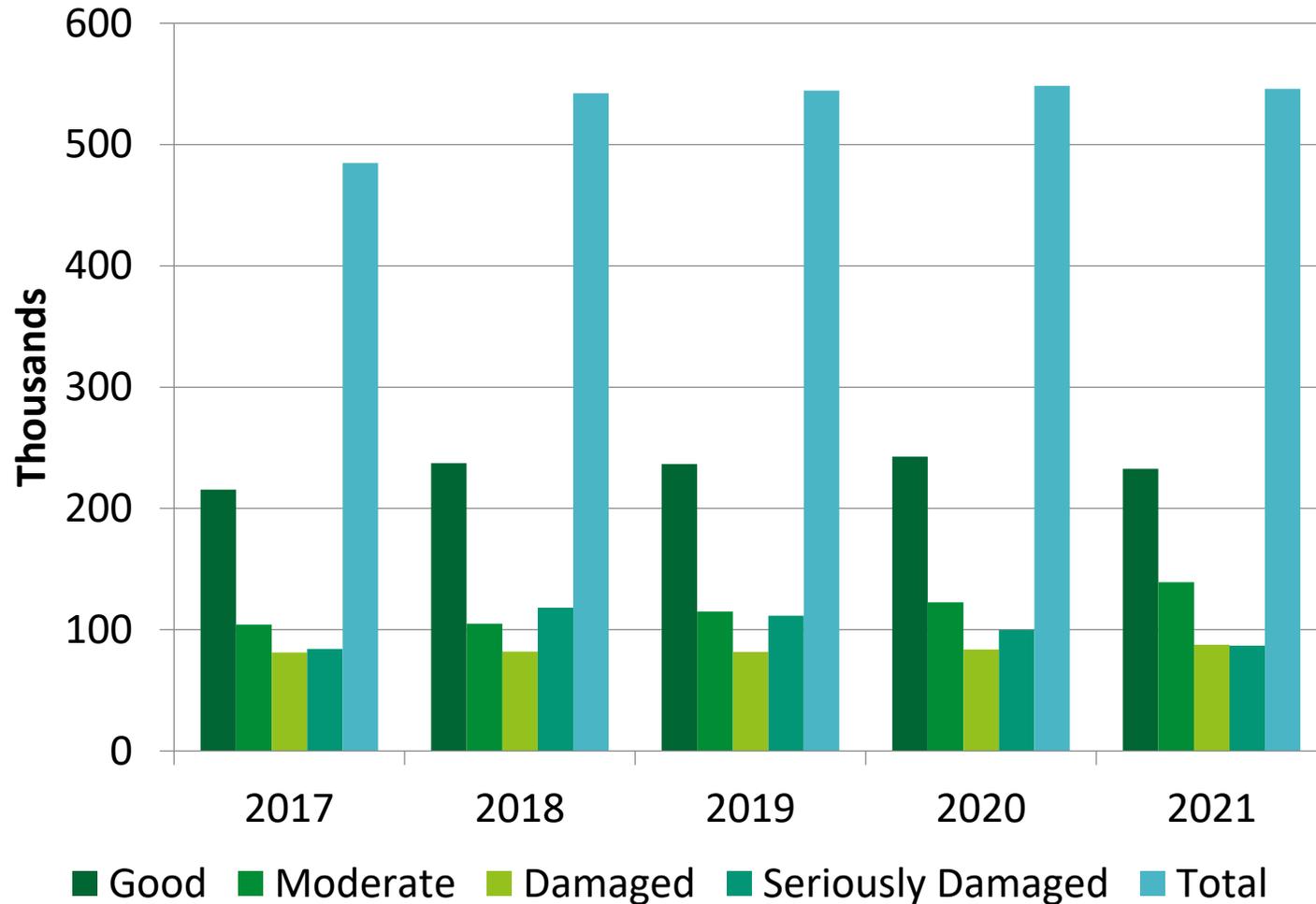
Length of Road Statistics

Roads by Level of Responsibility

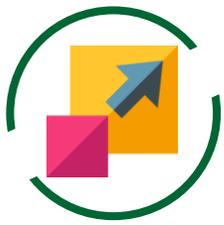
- **National Road** is an arterial road and collector road in the primary road network system connecting between the provincial capital, the national strategic roads, and highways.
- **Provincial Road** is a collector road in the primary road network system connecting the provincial capital with the district capital, or between the district capital, and provincial strategic roads
- **District Road** is a local road in the primary road network system that is not included on the national roads and provincial roads, which connects the district capital by sub district capitals, among sub district capitals, district capital with local activity centers, inter local activity centers, and public road in the network system of secondary roads in the district, and district strategic roads.
- **City Roads** are public roads in the secondary road network system that connects between the service center in the city, connecting service center with plot, links between each plots, as well as links between the central settlements within the city.



Length of Roads by Condition, 2021 (Km)



- **Good Road** is road that can be passed through by vehicle with speed 60 km per hour and up to next two year without maintenance on road ossification.
- **Moderate Road** is road that can be passed through by vehicle with speed 40-60 km per hour and up to next year without maintenance on road ossification.
- **Damaged Road** is road that can be passed through by vehicle with speed 20-40 km per hour and needs to repair road.
- **Seriously Damaged Road** is road that can be passed through by vehicle with speed 0-20 km per hour



Inland Water Transport Statistics

Coverage:

- 21 Provinces, 36 Ports

Time Reference: quarterly

Data Sources

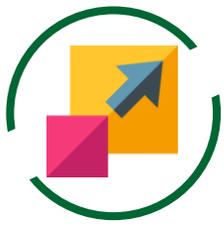
PT ASDP Ferry
Indonesia (Persero)

BPS

Definition



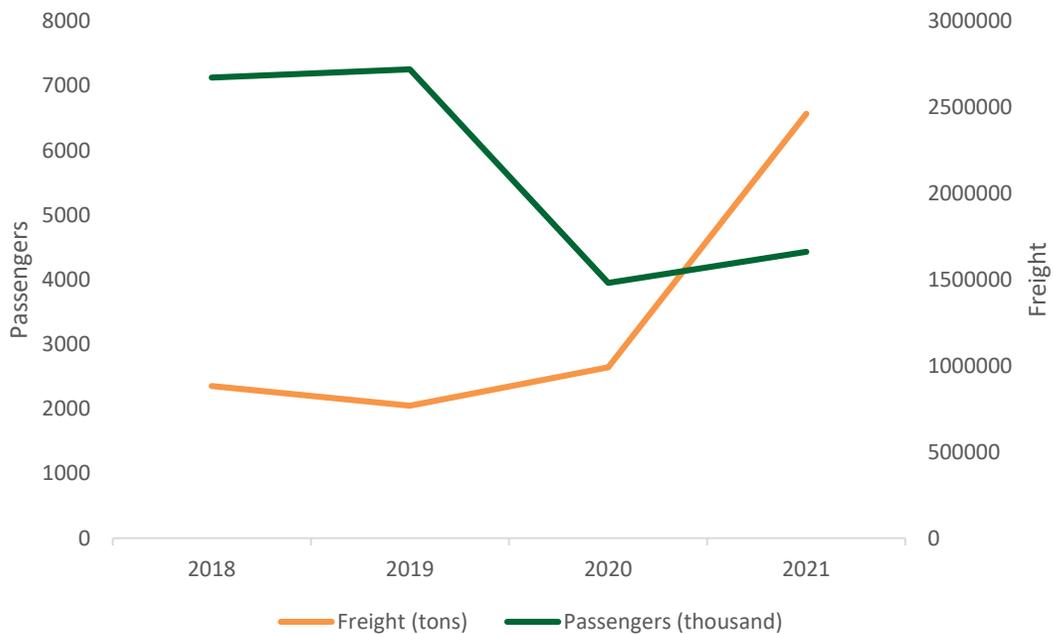
PT ASDP Indonesia Ferry (Persero) is one of the state-owned enterprises in Indonesia engaged in ferry transportation services and managing ferry ports for passengers, vehicles and goods.



Inland Water Transport Statistics

Respondent: ASDP Indonesia Ferry
Number of Ports: 36

Total Interisland Passengers and Freight, 2018-2021



Sumber: ASDP Indonesia Ferry

Table of Performance for ASDP Ferry Transportation, 2018-2021

Description	2018	2019	2020	2021
(1)	(2)	(3)	(4)	(5)
Trip (trip)	236,214	242,294	208,389	206,258
Passengers (person)	7,126,250	7,255,852	3,950,273	4,429,612
Vehicle (unit)	6,464,437	6,737,888	4,813,457	5,320,276
Freight (ton)	882,986	767,604	990,177	2,462,346

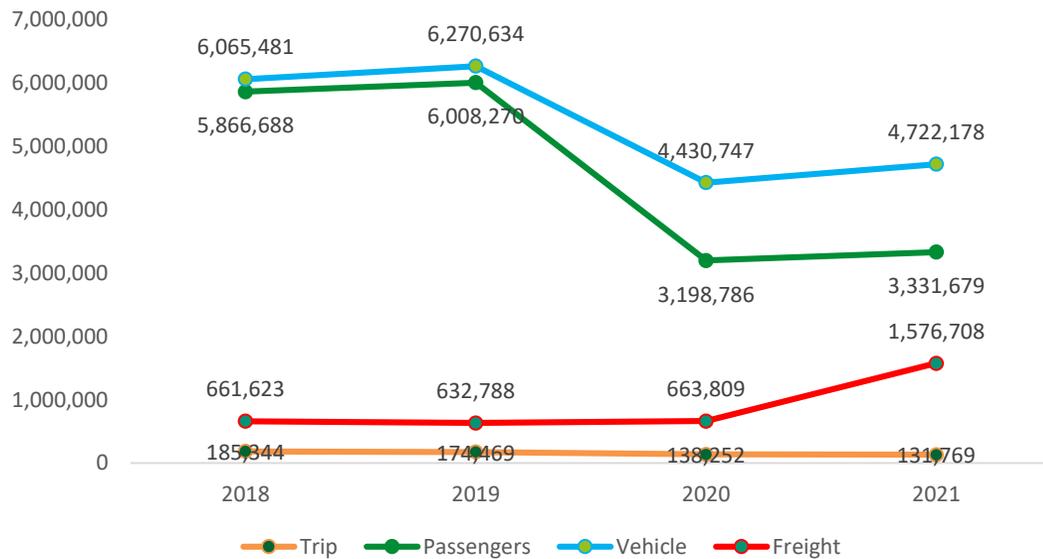
Sumber: ASDP Indonesia Ferry





Inland Water Transportation Statistic

Graphic on the Commercial ASDP Transportation Performance, 2018 – 2021

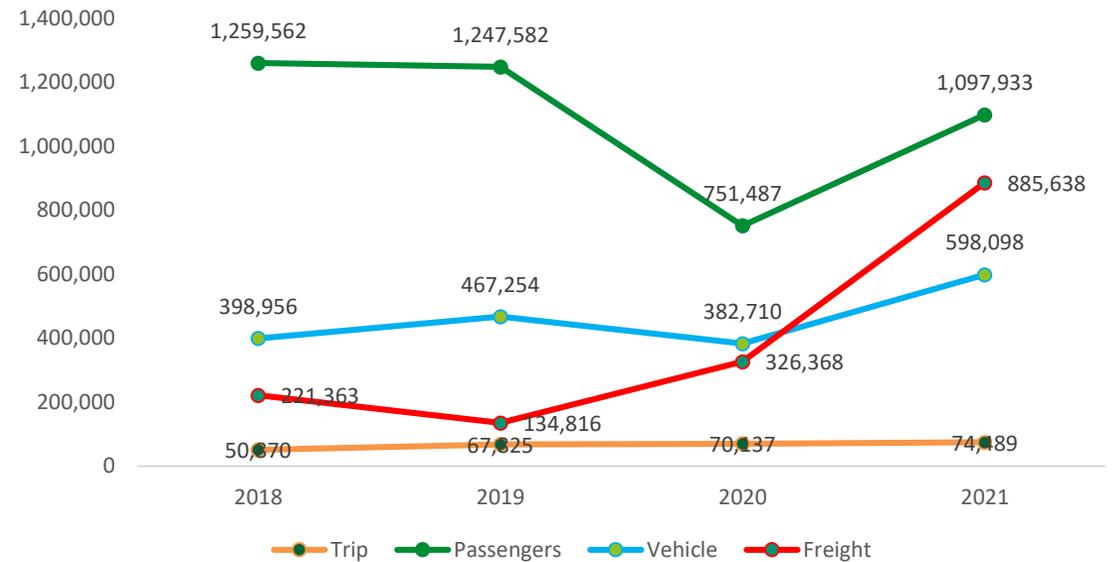


Source: ASDP Indonesia Ferry



In 2021, there were 206,258 trips, decreasing by 1.02% compared to 208,389 trips in the previous year.

Graphic on the Pioneer ASDP Transportation Performance, 2018 – 2021



Source: ASDP Indonesia Ferry



Despite this lower trips, the number of transported passengers and vehicles was maintained

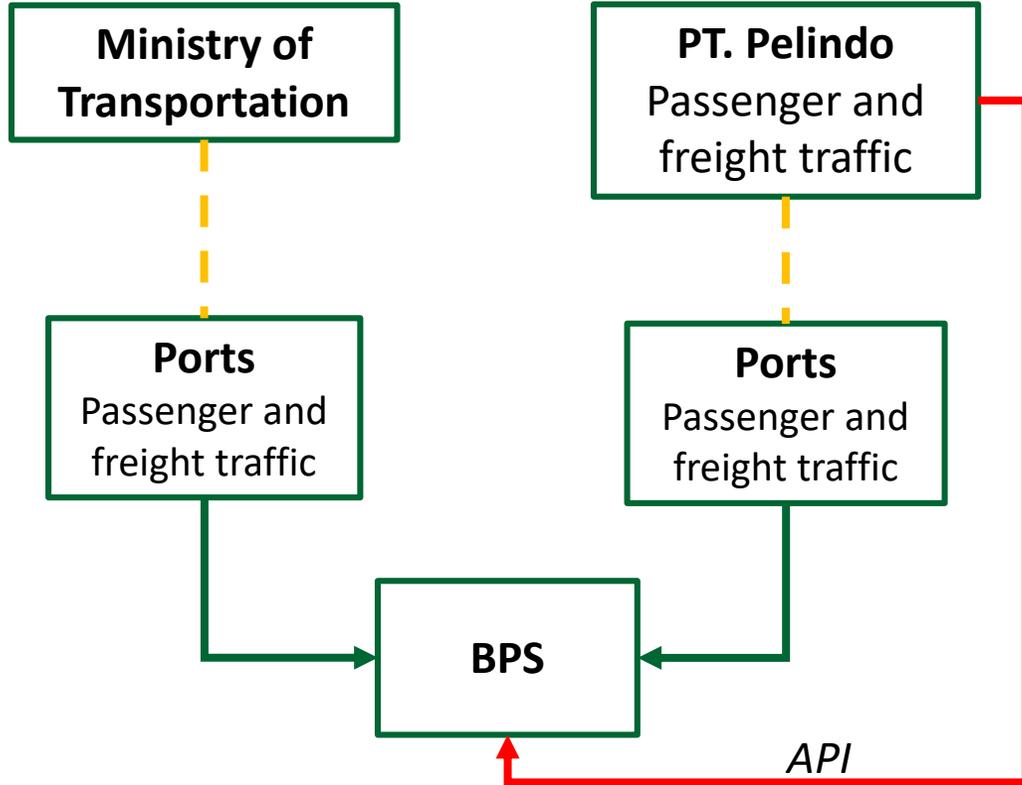




Sea Transport Statistics

Time Reference: Monthly

Sea Transport Data Flow



Coverage

494 ports, consist of

93 ports of **PT Pelabuhan Indonesia (Persero)**

401 port of **Directorate General of Sea Transportation, Ministry of Transportation**

Sea transport data consist of:

- 1 Unloading and Loading Cargo
- 2 Ship Call
- 3 Departing and arriving passenger

for both domestic and international voyage

Questioner

Passenger and Freight of Sea Transport Survey at Sea Port

I. Identity

- Province
- Regency
- Port Name
- Month
- Enumeration Result (Successfully Enumerated/Unsuccessfully enumerated)

II. Activities Information

A. Domestic Voyage

1. Ship Call (Unit, GRT, LOA)
2. Freight (Ton) : Unloading, Loading
3. Passengers (Person) : Departure, Arrival
4. Container Unloading (Ton, Box) : 20 feet, 40 feet
5. Container Loading (Ton, Box) : 20 feet, 40 feet

B. International Voyage

1. Ship Call (Unit, GRT, LOA)
2. Freight (Ton) : Unloading, Loading
3. Passengers (Person) : Departure, Arrival
4. Container Unloading (Ton, Box) : 20 feet, 40 feet
5. Container Loading (Ton, Box) : 20 feet, 40 feet

III. Notes

FAX-AL	
Kepada Yth.	: Fungsi Statistik Transportasi
Faximile	: (021) 3842566
e-mail	: transportasi@bps.go.id
Pengirim	: BPS Kabupaten/Kota
BLOK I. IDENTITAS	
Provinsi	:
Kabupaten/Kota	:
Pelabuhan	:
Bulan Laporan	:
Hasil Pencacahan (Berhasil dicacah, Terisi/ Berhasil dicacah, Nihil)	:
BLOK II. KETERANGAN KEGIATAN	
A. PELAYARAN DALAM NEGERI	B. PELAYARAN LUAR NEGERI
1. Kunjungan Kapal	1. Kunjungan Kapal
Unit :	Unit :
GRT :	GRT :
LOA :	LOA :
2. Barang/Perdagangan Dalam Negeri (Ton)	2. Barang/Perdagangan Luar Negeri (Ton)
Bongkar :	Impor/Bongkar :
Muat :	Ekspor/Muat :
3. Penumpang (orang)	3. Penumpang (orang)
Turun/Debakasi :	Turun/Debakasi :
Naik/Embarkasi :	Naik/Embarkasi :
4. Bongkar Peti Kemas	4. Bongkar Peti Kemas
a. Isi 20 Teus Ton :	a. Isi 20 Teus Ton :
20 Teus Box :	20 Teus Box :
40 Teus Ton :	40 Teus Ton :
40 Teus Box :	40 Teus Box :
b. Kosong 20 Teus Box :	b. Kosong 20 Teus Box :
40 Teus Box :	40 Teus Box :
5. Muat Peti Kemas	5. Muat Peti Kemas
a. Isi 20 Teus Ton :	a. Isi 20 Teus Ton :
20 Teus Box :	20 Teus Box :
40 Teus Ton :	40 Teus Ton :
40 Teus Box :	40 Teus Box :
b. Kosong 20 Teus Box :	b. Kosong 20 Teus Box :
40 Teus Box :	40 Teus Box :
BLOK III. CATATAN	



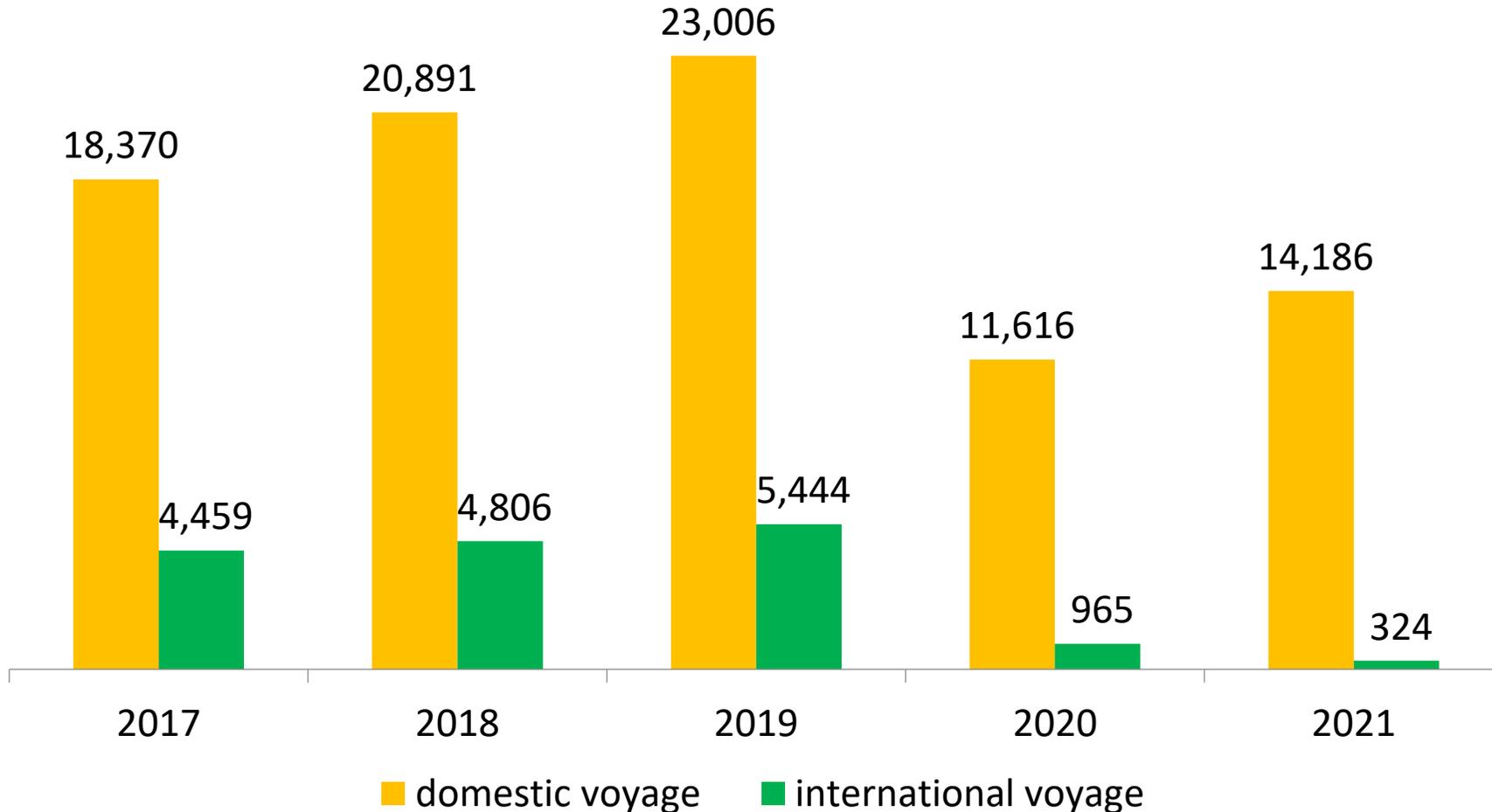
Loading and Unloading Cargo of Domestic and International Voyage at Indonesian Ports, 2017-2021 (000 Ton)

Description	2017	2018	2019	2020	2021
(1)	(2)	(3)	(4)	(5)	(6)
Domestic Voyage					
Unloaded	409.335	410.057	401.068	367.252	399.325
Loaded	337.846	363.122	358.025	363.270	384.416
International Voyage					
Unloaded	105.491	95.113	104.532	92.164	358.610
Loaded	272.404	310.180	349.095	112.206	388.971

”
*In 2020, the **loading and unloading** cargo of **international** voyage and **unloading** cargo of **domestic** voyage are **decreased**. Meanwhile, the **loading** cargo of **domestic** voyage is **increased** by 1.46 percent.*”



Number of Embarkation Passengers of Domestic and International Voyages 2017-2021 (thousand people)

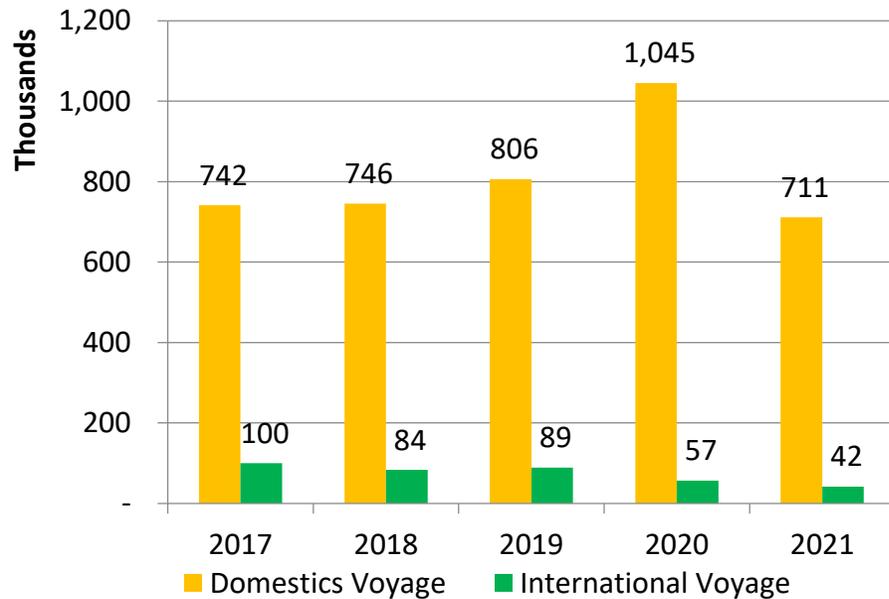


”
*In 2021, the number of embarkation passengers of domestic voyages is **increased** by 22.12 percent. Meanwhile, the number of embarkation passengers of international voyages is **decreased** by 66.40 percent.*

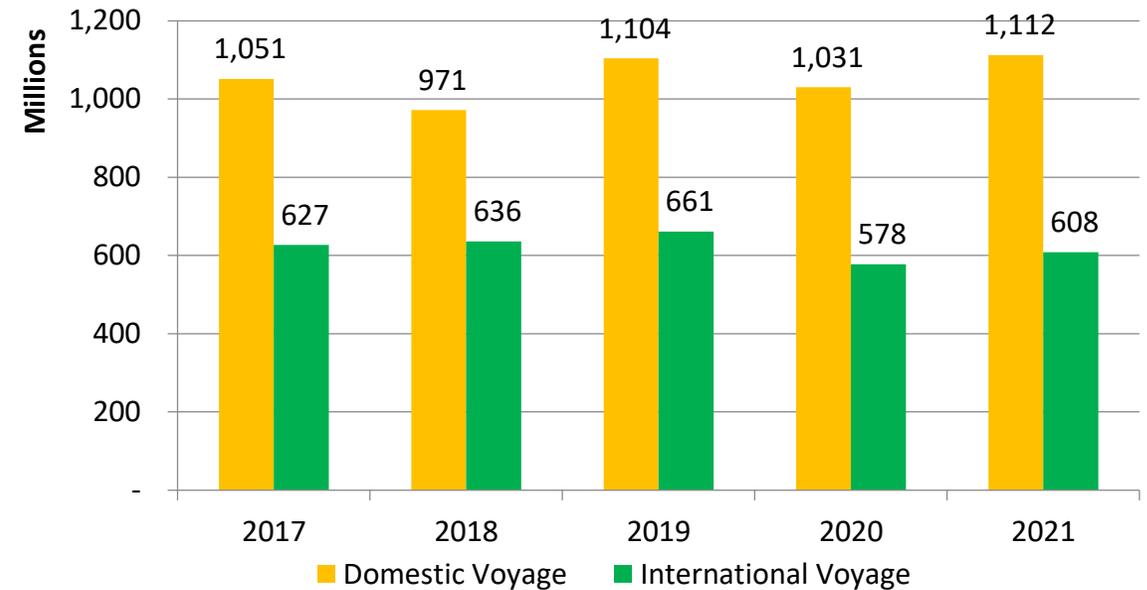


Ship Call and Gross Tonnage, 2017 – 2021

Ship Call (unit), 2017 – 2021



Gross Tonnage (million), 2017 – 2021



“

the number of domestic ship calls of domestic voyage is greater than on international voyage

”

In 2021, the number of Gross Tonnage of domestic and international voyage are increased.

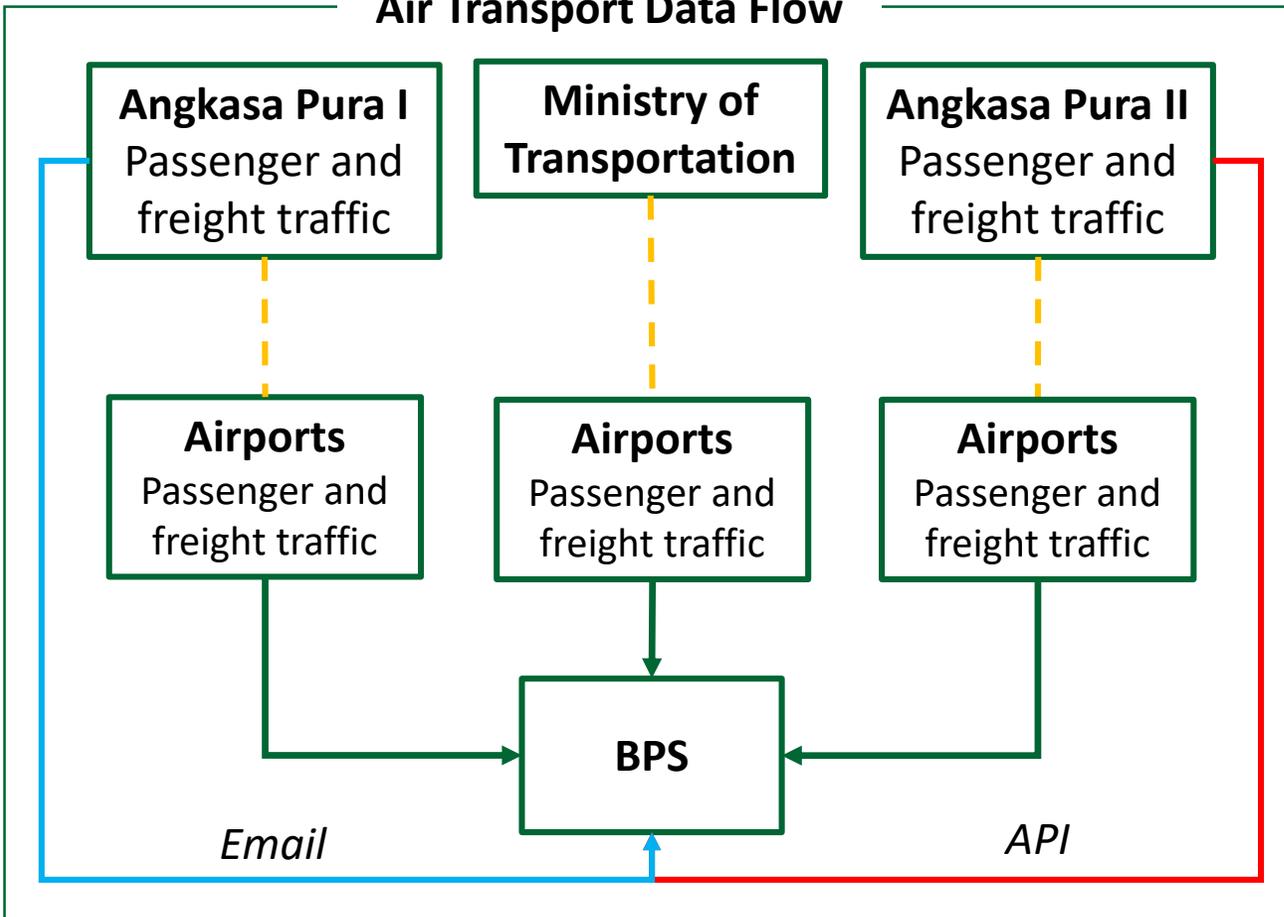




Air Transport Statistics

Time Reference: Monthly

Air Transport Data Flow



Coverage

208 airports, consist of

15 airports managed by **PT (Persero) Angkasa Pura I**

20 airports managed by **PT (Persero) Angkasa Pura II**

173 airports managed by **BUBU and UPBU Ministry of Transportation**



Transit Passengers and Transfer Passengers

Air transport data consist of:

flight traffic as production of all airports in Indonesia, with origin and destination, including of **passenger, cargo, baggage, and mail departure** both domestic and international production of airline, companies either state owned or private enterprises (domestic and international); and development of aircraft according to civil aircrafts registered.

Transit Passengers

Transit Passengers are passengers who stop/get off while at an airport in one flight without changing aircraft.



Transfer Passengers

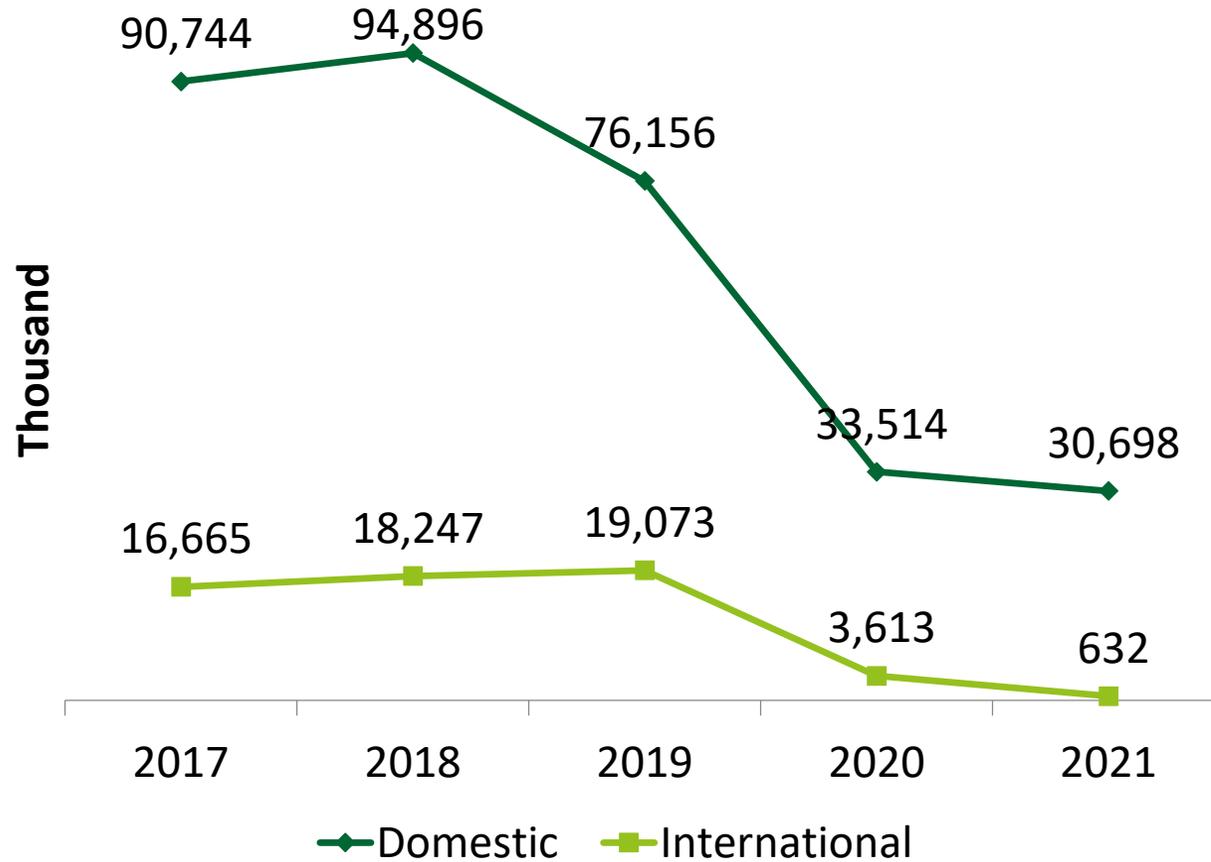
Transfer passengers are passengers who make connections direct travel with 2 (two) or more different flight numbers.



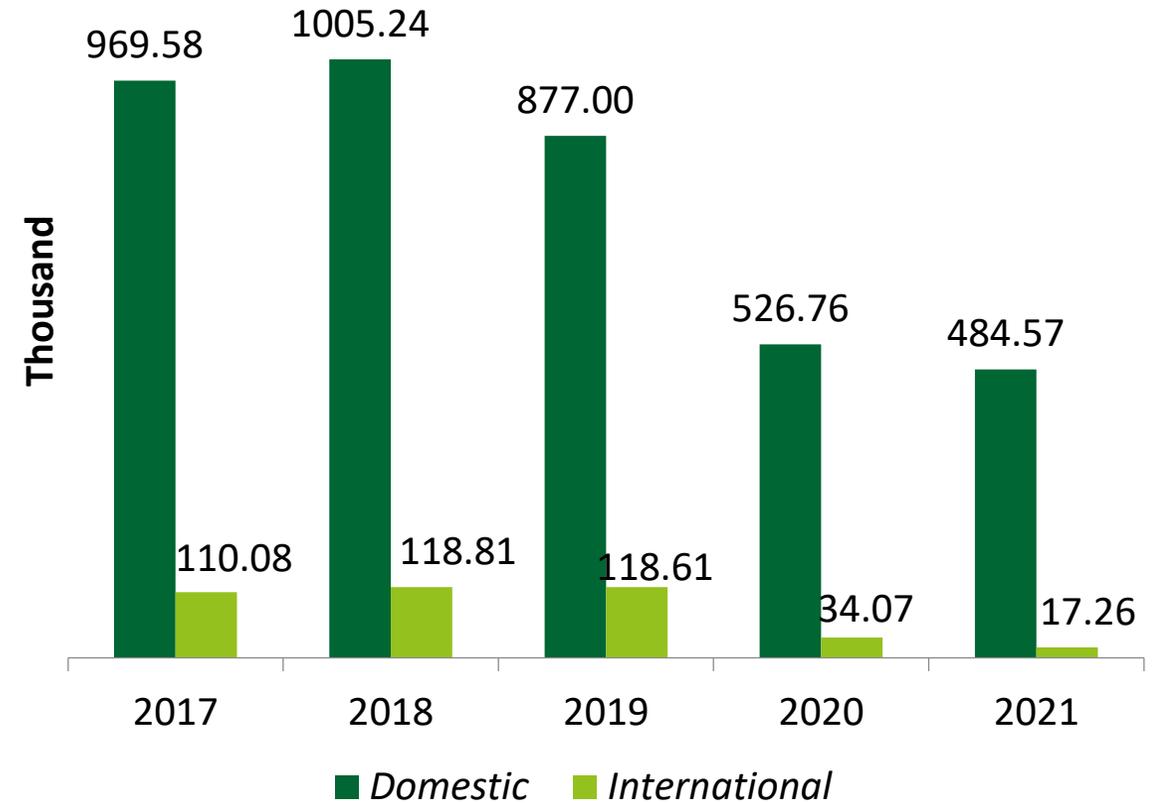


Air Transportation Statistic

Passengers Departures of Domestic and International Flight, 2017-2021

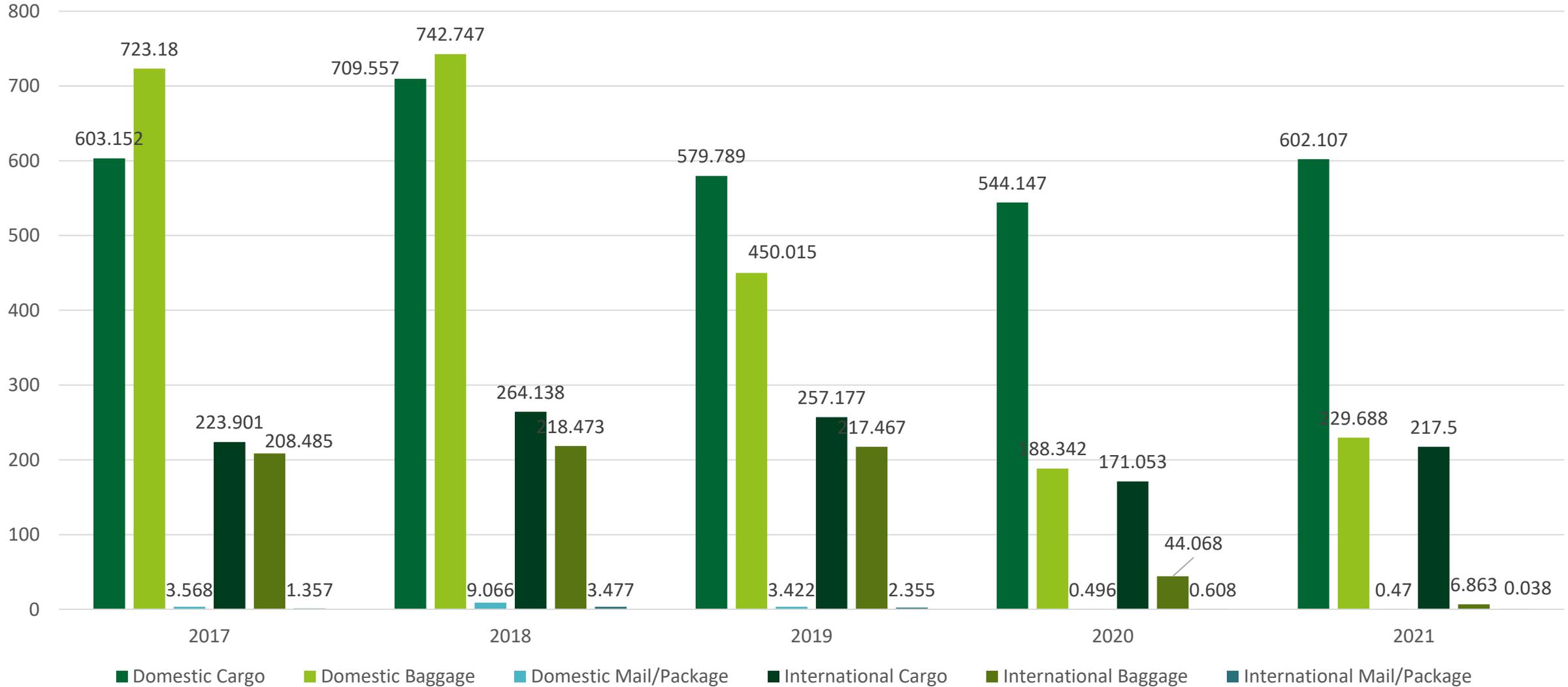


Aircraft Departures of Domestic and International Flight, 2017-2021 (Units)





Cargo, Baggage, and Mail/Package of Domestic and International Flight, 2017-2021 (Ton)





4

QUARTERLY SURVEY OF TRANSPORT BUSINESS



C. STEINWEG
SÜD-WEST TERMINAL

IMO 9412517



General

*Used as Supporting Data
in the preparation of
Quarterly GDP/GRDP of
G, H, J, K, and O
Categories.*



Goals



Generate a Quarterly Index of production/income/output values.



Get an overview of the development of the business / company.

Coverage STKU-H 2023 (Transport & Warehousing Category)



Sub-Catgory	Explanation
(1)	(2)
1. Passengers Transport	Bus (ISIC 49211 sd 49219, 49221, 49229) Land Transport Non Bus (ISIC 49411-49415, 49421, 49422, 49425, 49429)
2. Freight Transport by Road	General Goods (ISIC 49431) Specified Goods (ISIC 49432)
3. Inland Water Transport	Inland Water Transport Non PT ASDP Indonesia Ferry (ISIC 50211 sd 50219, 50221 sd 50229)
4. Warehousing	Warehousing and Storage (ISIC 52101) Cold Storage (ISIC 52102) Others (ISIC 52109)
5. Parking Service	On-Street Parking (ISIC 52214) Off-Street Parking (ISIC 52215)
6. Cargo Handling	Cargo Handling (ISIC 52240)
7. Freight Forwarder	Support Activities for Transportation (ISIC 52291) Freight Rail Transport & Freight Transport by Road (ISIC 52292) Sea Freight Water Transport (EMKL) (ISIC 52293) Freight Air Transport (EMPU) (ISIC 52294) Multimode Transport Activities (ISIC 52295)
8. Courier	Courier Activities (ISIC 53201) Courier Agent Activities (ISIC 53202)



Time reference:
Quarterly



Area Coverage:
34 provinces



Respondent:
**769 High and Medium Scale
Transport Industry**



Questioner STKU-H 2023

I – Company's Information



6. Main Activity

Main Activity are activities that have the greatest income value among several types of activities in a company.

7. Enumeration Results

- Code 1.** Found and ISIC matched;
- Code 2.** Found, ISIC changed but still in the same subcategory;
- Code 3.** Found, Subcategory changed or ISIC out of scope;
- Code 4.** Move and untraceable;
- Code 5.** Close;
- Code 6.** Not found;
- Code 7.** Double.

BLOK I. KETERANGAN PERUSAHAAN																				
1. Provinsi	:		<input type="text"/>																
2. Kabupaten/Kota *)	:		<input type="text"/>																
3. Nomor Urut Perusahaan	:		<input type="text"/>																
4. Nama Perusahaan	:																		
a. Alamat	:																		
b. E-mail	:																		
c. Nomor Telepon	:	(.....)																		
5. Subkategori	:	<table border="0"> <tr> <td>Angkutan Penumpang</td> <td>1</td> <td>Perparkiran</td> <td>5</td> <td rowspan="5"><input type="checkbox"/></td> </tr> <tr> <td>Angkutan Barang</td> <td>2</td> <td>Bongkar Muat</td> <td>6</td> </tr> <tr> <td>ASDP [Non PT ASDP (Persero)]</td> <td>3</td> <td>Ekspedisi</td> <td>7</td> </tr> <tr> <td>Pergudangan/Cold Storage</td> <td>4</td> <td>Kurir</td> <td>8</td> </tr> </table>	Angkutan Penumpang	1	Perparkiran	5	<input type="checkbox"/>	Angkutan Barang	2	Bongkar Muat	6	ASDP [Non PT ASDP (Persero)]	3	Ekspedisi	7	Pergudangan/Cold Storage	4	Kurir	8	
Angkutan Penumpang	1	Perparkiran	5	<input type="checkbox"/>																
Angkutan Barang	2	Bongkar Muat	6																	
ASDP [Non PT ASDP (Persero)]	3	Ekspedisi	7																	
Pergudangan/Cold Storage	4	Kurir	8																	
6. Uraian Kegiatan Utama	:	KBLI Lapangan		<input type="text"/>															
7. Hasil Pencacahan	:		<input type="checkbox"/>																

*) coret yang tidak sesuai

1-3. Number of Workers, Wages, Income

Workers are people who work or are involved in the activities of the production process in the enterprise, both paid and unpaid workers (owners and family workers).

In transportation companies, the number of workers also includes people who work in administration, vehicle maintenance (workshop), drivers, driver assistant, not including replaced drivers.

Wages for workers is all company/business expenses given to paid workers, such as: wages/salaries; overtime pay, benefits, bonuses, etc; insurance, pension funds and others both in the form of money / goods.

Note: Annual wages for services provided to workers (e.g. THR, bonus) is recorded at the time the fee is given, without being divided per month (without being divided by 12).

BLOK II. PERKEMBANGAN USAHA							
Uraian	Satuan	Triwulan Sebelumnya (..... - 20.....)			Triwulan Sekarang (..... - 20.....)		
		Bulan	Bulan	Bulan	Bulan	Bulan	Bulan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Jumlah Pekerja	Orang						
2. Nilai Balas Jasa Pekerja	Juta Rp						
3. Pendapatan	Juta Rp						

The income is all income from the company's main activities (question I.5) and other income such as interest on deposits, dividends, royalties, and the like.

4. Production of Transport Business

- a. **passenger (person)** by bus, public passenger car, taxi.
- b. **freight (order)** by truck, pick up
- c. **ASDP (non PT ASDP):** passenger (person), freight (ton), vehicle (unit)
- d. **storage/cold storage**

A closed warehouse is a type of shed that is roofed and walled.

An open warehouse is a type of shed that is roofed but not walled.

A field is a type of warehouse that is roofless and not walled, for example a field for containers.

BLOK II. PERKEMBANGAN USAHA							
Uraian	Satuan	Triwulan Sebelumnya (..... - 20.....)			Triwulan Sekarang (..... - 20.....)		
		Bulan	Bulan	Bulan	Bulan	Bulan	Bulan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Produksi Perusahaan:							
a. Angkutan Penumpang							
Jumlah order / penumpang yang diangkut:							
1) Bus	Orang						
2) Mobil penumpang umum	Orang						
3) Taksi	Order						
b. Angkutan Barang							
Jumlah order barang yang diangkut:							
1) Truk	Order						
2) Pick up	Order						
c. ASDP [Non PT ASDP (Persero)]							
1) Jumlah penumpang yang diangkut	Orang						
2) Jumlah barang yang diangkut	Ton						
3) Jumlah kendaraan yang diangkut	Unit						
d. Pergudangan/Cold Storage							
Volume / luas gudang yang disewakan:							
1) Gudang tertutup/Cold Storage	M ³						
2) Gudang terbuka	M ²						
Rata-rata tarif sewa:							
3) Gudang tertutup/Cold Storage per m ³ per hari	Ribu Rp						
4) Gudang terbuka per m ² per hari	Ribu Rp						

4.e

Parking coverage is **On Street Parking Services** and **Off Street Parking Services**

4.f

- **Unloaded goods** are goods that are issued/unloaded from the ship/vehicle to the dock or directly to the warehouse.
- **Loaded goods** are goods loaded into ships/vehicles from the dock or directly from the warehouse.

4.g

Freight Forwarder: the amount of goods delivered in tons

4.h

Courier: the amount of package delivered in kilograms

BLOK II. PERKEMBANGAN USAHA							
Uraian	Satuan	Triwulan Sebelumnya (..... - 20.....)			Triwulan Sekarang (..... - 20.....)		
		Bulan	Bulan	Bulan	Bulan	Bulan	Bulan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Produksi Perusahaan:							
e. Perparkiran							
Jumlah karcis yang terjual	Lembar						
f. Bongkar Muat							
Jumlah barang yang dibongkar muat	Ton						
g. Ekspedisi							
Jumlah barang yang dikirim	Ton						
h. Kurir							
Jumlah paket yang dikirim	Kg						
5. Jumlah Armada dan Bahan Bakar yang digunakan untuk usaha:							
a. Armada:	Unit						
b. Bahan Bakar							
- Bensin	Liter						
- Solar	Liter						
- Lainnya (.....)	Liter						

Questioner STKU-H 2023

BLOK II– Business Development



5. Number of Fleet and Fuel used for business

The fleet is a fleet that is controlled and operated (not damaged) by the company and used for business from the company's main activities (Block I.6).

Fuel:

The gasoline referred to here is gasoline with RON (Research Octane Number) commonly used by motorized vehicles such as RON 90 (Pertalite), RON 92 (Pertamax, Super), and RON 95 (Pertamax Plus, Shell V Power).

Solar is a fuel used by diesel engine motor vehicles such as Solar / Biosolar, Dexlite and Pertamina Dex.

Others are fuels other than gasoline and diesel used as vehicle fuel, for example: Gas.

BLOK II. PERKEMBANGAN USAHA

Uraian	Satuan	Triwulan Sebelumnya (..... - 20.....)			Triwulan Sekarang (..... - 20.....)		
		Bulan	Bulan	Bulan	Bulan	Bulan	Bulan
	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Produksi Perusahaan:							
e. Perparkiran							
Jumlah karcis yang terjual	Lembar						
f. Bongkar Muat							
Jumlah barang yang dibongkar muat	Ton						
g. Ekspedisi							
Jumlah barang yang dikirim	Ton						
h. Kurir							
Jumlah paket yang dikirim	Kg						
5. Jumlah Armada dan Bahan Bakar yang digunakan untuk usaha:							
a. Armada:	Unit						
b. Bahan Bakar							
- Bensin	Liter						
- Solar	Liter						
- Lainnya (.....)	Liter						

Questioner STKU-H 2023

III- Business Prospect



III.1.

The increase/decrease of income compared to the previous quarter caused by

The increase/decrease of income can be caused by the change of production as the effect of production cost, supply/demand, and other reasons including extreme weather, Covid pandemic, etc

BLOK III. PROSPEK USAHA	
1. Jika pendapatan usaha (Blok II R3) mengalami perubahan (meningkat/menurun) pada <u>triwulan sekarang dibanding triwulan sebelumnya</u> , disebabkan karena :	
2. a. Bagaimana <u>perkiraan pendapatan usaha triwulan yang akan datang</u> dibanding triwulan sekarang? <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div>Meningkat 1</div> <div>Menurun 3</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div>Sama 2</div> </div>	<input type="checkbox"/>
b. Jika perkiraan pendapatan usaha meningkat atau menurun (Rincian 2.a kode 1 atau 3), berapa persen peningkatan/penurunan pendapatan tersebut ? %	<input style="width: 30px; height: 20px;" type="text"/> <input style="width: 30px; height: 20px;" type="text"/> <input style="width: 30px; height: 20px;" type="text"/>

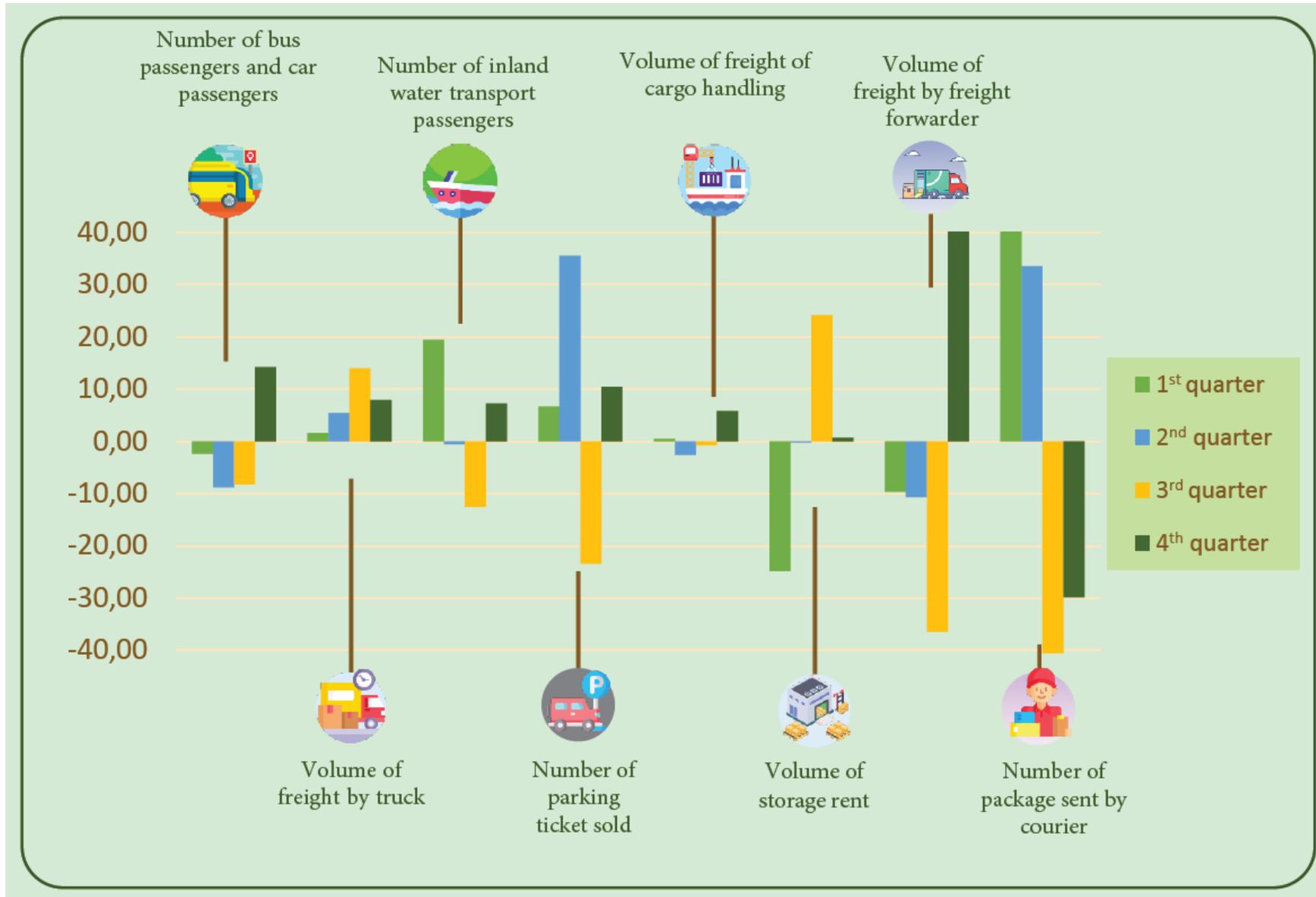
III.2.a.

The codes regarding the estimated income in the upcoming quarter according to the opinions of respondents. Estimated income can be increase, just the same, or decrease.

III.2.b.

The percentage increase/decrease in revenue if the estimated income in 2.a 'increases' (code 1) or 'decreases' (code 3).

Transport & Warehousing Statistics (2021)



5



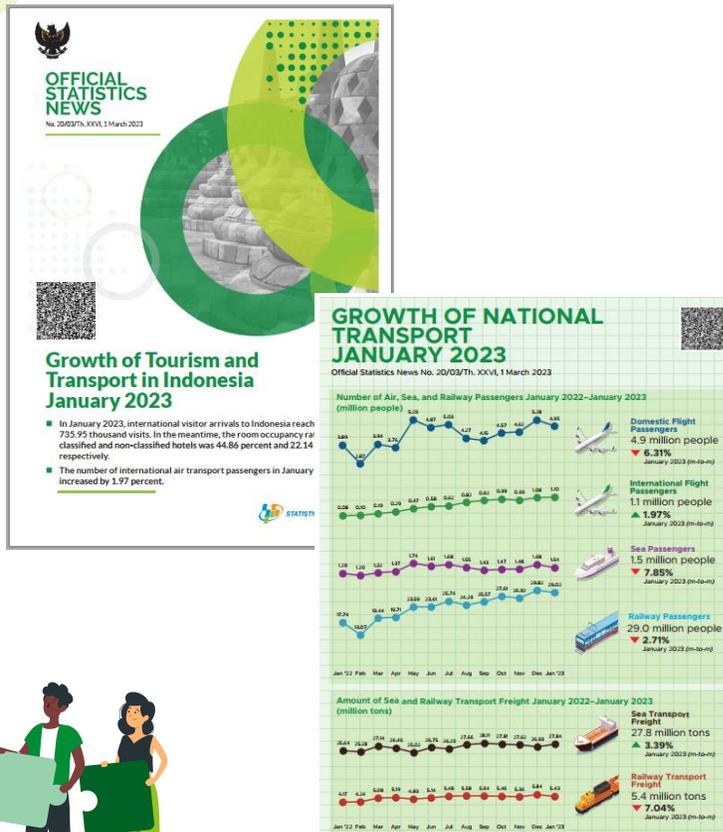
DISSEMINATION



Transportation Statistics Dissemination

NEWS

Official Statistics News



Official Statistics News

Released : Monthly (at 1st workday every month)

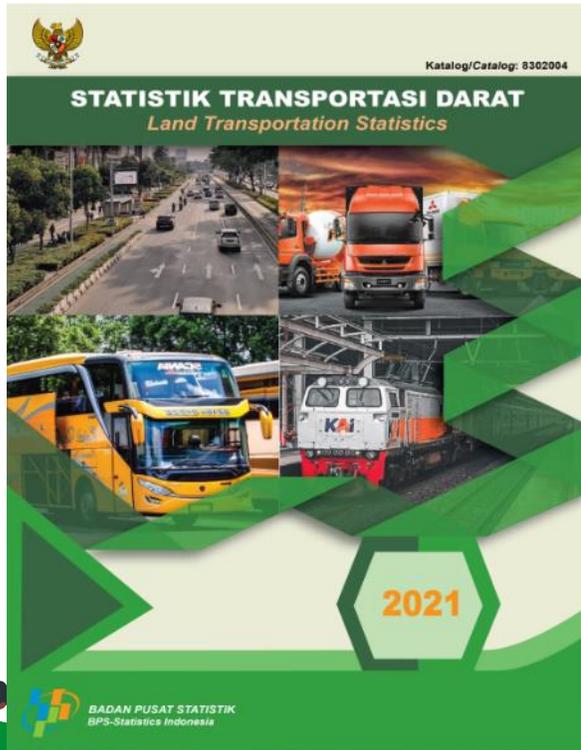
Time Lag : 2 months

Indicators :

- Departing passengers of domestic air transport
- Departing passengers of international air transport
- Departing passengers of domestic sea transport
- Loading freight of domestic sea transport
- Departing passengers of railways transport
- Loading freight of railways transport



Transportation Statistics Dissemination



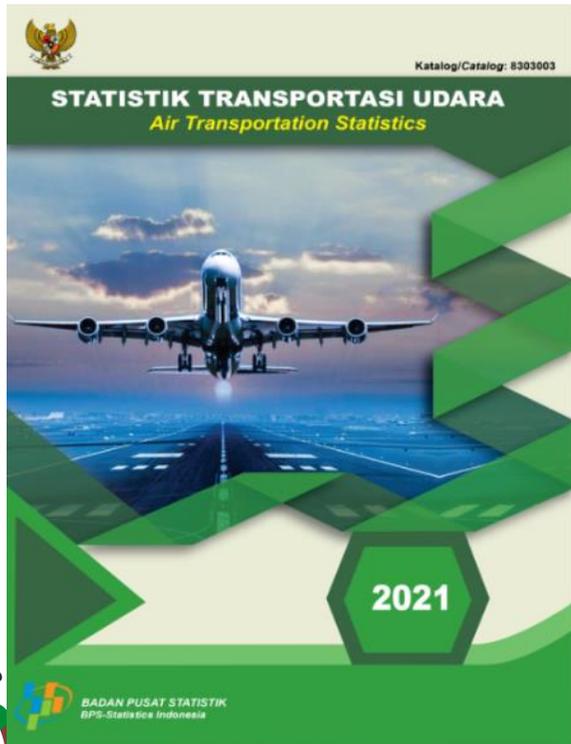
Land Transport Statistics

Annual Publication

Indicators :

- Departing passengers of railways transport
- Loading Freight of railways transport
- Length of Road
- Road motor vehicles
- Road traffic accident
- Driving license issued

Transportation Statistics Dissemination



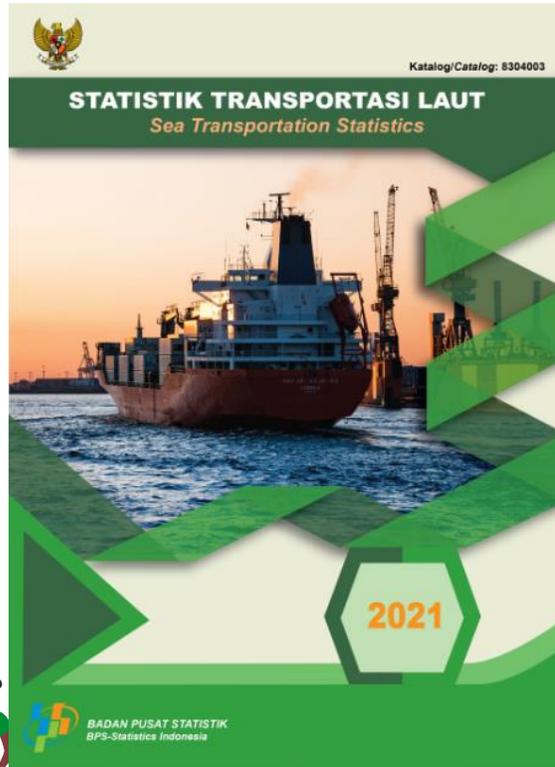
Air Transport Statistics

Annual Publication

Indicators :

- Departing/arriving airplane of domestic and international flight
- Departing/arriving passengers of domestic and international flight
- Loading/unloading freight of domestic and international flight
- Loading/unloading baggage of domestic and international flight
- Loading/unloading mail of domestic and international flight
- Person-Km of Passengers
- Ton-Km of freight

Transportation Statistics Dissemination



Sea Transport Statistics

Annual Publication

Indicators :

- Ship call of domestic and international voyages
- Departing/arriving passengers of domestic and international voyages
- Loading/unloading freight of domestic and international voyages

Transportation Statistics Dissemination



Road Passengers and Freight

Annual Publication

Indicators :

- Departing/arriving of interprovincial bus
- Departing/arriving passengers of interprovincial bus
- Origin/Destination matrix of interprovincial bus
- Origin/Destination matrix of interprovincial bus passengers
- Number of truck in UPPKB
- Volume of freight in UPPKB

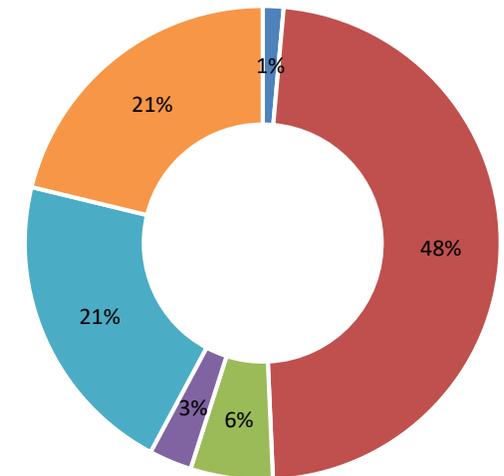


Transportation Statistics Dissemination

GDP of Indonesia by Industrial in 2022

Industrial (2010 Version)	GDP (Billion Rupiahs)	Distribution (%)
A Agriculture, Forestry, and Fishery	2,428,900.5	12.4
B Mining and Quarrying	2,393,390.9	12.22
C Manufacturing	3,591,774.7	18.34
D Electricity, Gas, Steam and Air Conditioning Supply	204,673.7	1.04
E Water Supply, Sewerage, Waste Management and Remediation Activities	12,537.1	0.06
F Construction	1,912,978.7	9.77
G Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles	2,516,591.5	12.85
H Transportation and Storage	983,530.1	5.02
1. Railways Transport	13,881.3	0.07
2. Land Transport	471,125.3	2.41
3. Sea and Coastal Water Transport	55,027.7	0.28
4. Inland Water Transport	28,579.8	0.15
5. Air Transport	206,376.2	1.05
6. Warehousing and Support Activities for Transportation; Postal and Courier Activities	208,539.8	1.06
I Accommodation and Food Service Activities	472,064.6	2.41
J Information and Communication	812,807.5	4.15
K Financial and Insurance Activities	809,356.7	4.13
L Real Estate	488,311.2	2.49
M,N Business Activities	341,427.3	1.74
O Public Administration and Defense, Compulsory Social Security	605,117.3	3.09
P Education	566,624.5	2.89
Q Human Health and Social Work Activities	236,166.8	1.21
R,S,T,U Other Service Activities	354,181.2	1.81
Gross Value Added at Basic Price	18,730,434.3	95.62
TAXES LESS SUBSIDIES ON PRODUCTS	858,011.3	4.38
Gross Domestic Product	19,588,445.6	100,00

Transportation & Storage in GDP, 2022





SUSTAINABLE DEVELOPMENT GOALS



TARGET 9-1



Develop sustainable, resilient, and inclusive infrastructures

Indicator 9.1.2.
Passengers and freight volumes, by mode of transport

Passengers volume indicates nation's infrastructure development. BPS-Statistics Indonesia is very pleased to support the nation in terms of measuring achievements of transportation infrastructure development and passengers mobility.



BPS Website

The screenshot displays the homepage of the Statistics Indonesia website. At the top, there is a navigation bar with the BPS logo and the text "STATISTICS INDONESIA". To the right, there are logos for "BerAKHLAK" and "bangga melayani bangsa", along with a search bar and links for "Manual | Links | Sitemap | ToU". Below the navigation bar, there is a horizontal menu with items: Home, About, News, Advanced Release Calendar, Publication, Press Release, Service, and PPID. The main content area is divided into several sections. On the left, there is a sidebar with three main categories: "Social and Population", "Economic and Trade", and "Agriculture and Mining". Each category has a list of sub-topics and a "Selengkapnya..." button. The central part of the page features a large banner for the "Indonesian Agriculture Census" with the text "Ready for ST 2023" and "CENSUS PERTANIAN". Below this banner is a search bar and a "Search" button. To the right of the search bar, there is a "BPS Province Website" section with a "Choose Province" dropdown menu. Below the search bar, there is a section for "TUJUAN PEMBANGUNAN BERKELANJUTAN | SUSTAINABLE DEVELOPMENT GOALS". Further down, there is a "LATEST INFORMATION" section with a "News" sub-section. The news item is titled "BPS Receives Audience from Kemendesra" and includes a small image and text. On the right side of the page, there are several smaller sections: "Information About SP2020" with a QR code, "C-VID-19 Survey" and "C-VID-19 Publications" with BPS logos, and "DEVELOPMENT PLANNING DATA" with a bar chart icon. At the bottom of the page, there is a footer with the text "Indonesia 2023 has been published and can be downloaded at the following link."



<https://www.bps.go.id/>



5



CHALLENGES AND FUTURE ENHANCEMENT



Challenges

1. Problems in data collection

- Response rate
- Timeliness

2. Incomplete data coverage

- Subsidiary companies in transport business is not being covered
 - Subsidiary of seaport
 - Subsidiary of railways transport (MRT, LRT)



Challenges

3. Summation of the data collected at regional level is not the same as the data collected at national level due to :

- Data producer of regional agencies are not representatives of central agencies

Data producer of motor vehicles :

- Central agency : Indonesian National Police
- Regional agency : Office for Management of Regional Revenue, Finance and Assets

- Different concept between central and regional agencies

The number of motor vehicles

- Central agency : the cumulative number of registered motor vehicles up to the current year
- Regional agency : the number of registered motor vehicles in the current year

- Different time reference between central and regional agencies in updating the data

The length of road (updating through Head of Regional Decree)

- Central agency : Every 5 years
- Regional agency : Every year

Challenges: Transportation Data Flow System

DATA PRODUCER

Railways Transport

- ✓ Indonesian State of Railways
- ✓ Commuter Line Indonesia

Sea Transport

- ✓ UPP
- ✓ PT Pelindo

Air Transport

- ✓ UPBU
- ✓ AP1 dan AP2

Land Transport

- ✓ Bus station
- ✓ UPPKB

 Ministry of Public Works and Housing

 Indonesian State Police (Korlantas POLRI)

 Monthly administrative data collection

 Quarterly survey

 Yearly administrative data collection

Via Email/ BPS Portal Collaboration

 **BPS – Statistics Indonesia**

 Ministry of Transportation as transportation data envoy

Automation Data Interoperability



**ONE DATA
TRANSPORTATION
INDONESIA**

 Current data flow

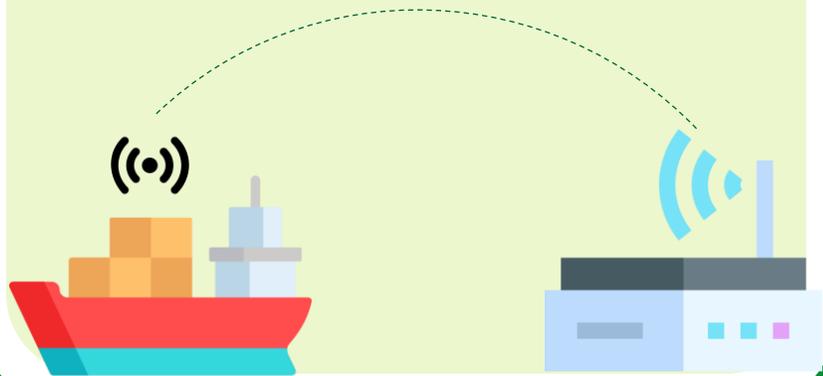
 Expected data flow



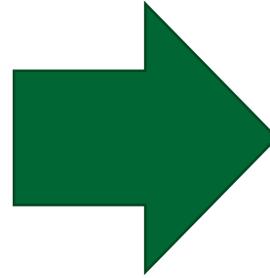
Big Data and Transportation Statistic

BIG DATA

AIS (Automatic Identification System) Data



Support



Transportation Statistics

- Find out the **number of ship calls** in real time
- Find out the **Gross Tonnage** of ship in real time
- know the **nationality** and **destination** of the ship
- reduce **the time lag** between data collection and presentation





BADAN PUSAT STATISTIK

ST2023
SENSUS PERTANIAN



Thank You
www.bps.go.id

