Transport Statistics: The Experience of Indonesia

Delivered at SESRIC: Statistical Capacity Building (StatCaB) Programme

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Outline

1. INTRODUCTION
2. METHODOLOGY
3. TRANSPORT STATISTICS BY MODE
4. QUARTERLY SURVEY OF TRANSPORT BUSINESS
5. DISSEMINATION
6. CHALLENGES AND FUTURE ENHANCEMENT
INTRODUCTION
BPS-Statistics Indonesia is a non-ministerial government agency that is directly responsible to the President and has governmental tasks in Statistics.

1. Introduction

### BPS’s Role

Based on Law No. 16 of 1997: Statistics

1. **Providing data** requirements for the government and the community. (Basic Statistics)
2. **Assist statistical activities** in the ministry, government institutions, or other institutions, in building a National Statistical System.
3. **Develop and promote** Statistical Technique and Methodology Standards, and provide services in the statistical education and training.
4. **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**
5. **Coaching** the implementation of One Data Indonesia in accordance with rule of law
1. Introduction - BPS - Statistics Indonesia: Overview

Organizational Structure of BPS

Head of BPS

- Education & Training Center
- Polytechnic of Statistics
- Bureau of Program Development
- Bureau of Finance
- Personnel Bureau
- Bureau of Public Relations and Legal Affairs

- Deputy of Methodology & Statistical Information
- Deputy of Social Statistics
- Deputy of Production Statistics
- Deputy of Distribution & Services Statistics
- Deputy of National Account & Statistical Analysis

- Directorate of Survey & Census Methodology Development
- Directorate of Population & Employment Statistics
- Directorate of People's Welfare Statistics
- Directorate of Social Resilience Statistics
- Directorate of Food Crops, Horticulture, & Plantation Statistics
- Directorate of Livestock, Fisheries, & Forest Statistics
- Directorate of Industrial Statistics
- Directorate of Distribution Statistics
- Directorate of Price Statistics
- Directorate of Finance, Information Technology, & Tourism
- Directorate of Production Balance
- Directorate of Expenditure Balance
- Directorate of Statistical Analysis & Development

Vertical Institutions

Inspectorate
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.
2 METHODOLOGY
Business Process

Survey

Data Producer

Receiving Document → Editing/Coding → Input Data → Data Validation → Tabulation & Analysis → Dissemination

Compilation Administrative Data

Data Producer

Data Validation → Tabulation & Analysis → Dissemination
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)

Ministry of Transportation

 Indonesian Railways Company

 BPS

 Pelindo

 Angkasa Pura II
Area Coverage

34 provinces with 514 regencies
TRANSPORT STATISTICS BY MODE
Railways Transport

Time Reference: Monthly

Data Sources

Indonesian Railways Company
Long Distance Train Production Data (passengers & freight)

Commuter Line Indonesia
Commuter Train Production Data & local train (passengers)

Email

API

BPS

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)
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.
The growth of train passengers from January 2019 to December 2021 fluctuated.
Road Transport Statistics

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 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.

**Coverage:**
- 111 Bus Station (Type A)

**Time Reference:**
- Survey (Bus Station): Quartely
- Data Compilation (Ministry of Transportation): Monthly

**Data Sources**
- **Bus Station**
  - Data departure and arrival of bus passengers
- **Ministry of Transportation**
- **BPS**

**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

<table>
<thead>
<tr>
<th>Quarter</th>
</tr>
</thead>
</table>

### 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
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)
### III. Terminal Production

**1. Interprovince Bus**

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Column 2</td>
<td>Origin/Destination</td>
</tr>
<tr>
<td>Column 3</td>
<td>Number of bus arrival</td>
</tr>
<tr>
<td>Column 4</td>
<td>Number of passengers arrival</td>
</tr>
<tr>
<td>Column 5</td>
<td>Number of bus departure</td>
</tr>
<tr>
<td>Column 6</td>
<td>Number of bus departure</td>
</tr>
</tbody>
</table>

**Table:**

<table>
<thead>
<tr>
<th>BULAN</th>
<th>Wilayah Asal dan Tujuan</th>
<th>KEDATANGAN</th>
<th>KEBERANGKATAN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>BUS (unit)</td>
<td>PENUMPANG (orang)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1)</td>
<td>(2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TAHUN 2023</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Bulan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>II. Bulan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>III. Bulan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JUMLAH</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* 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
<table>
<thead>
<tr>
<th>Destination Origin</th>
<th>Sumatera*</th>
<th>DKI Jakarta</th>
<th>West Java</th>
<th>Central Java</th>
<th>Yogyakarta</th>
<th>Jawa Timur</th>
<th>Banten</th>
<th>Bali</th>
<th>NTB</th>
<th>Kalimantan**</th>
<th>Sulawesi***</th>
<th>Others</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sumatera*</td>
<td>544,363</td>
<td>40,496</td>
<td>27,343</td>
<td>18,393</td>
<td>38,423</td>
<td>32</td>
<td>728</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,021,692</td>
</tr>
<tr>
<td>DKI Jakarta</td>
<td>26,712</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>69,568</td>
</tr>
<tr>
<td>Jawa Barat</td>
<td>166,234</td>
<td>33,442</td>
<td></td>
<td>294,786</td>
<td>41</td>
<td>96,713</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>831,560</td>
</tr>
<tr>
<td>Jawa Tengah</td>
<td>23,847</td>
<td>1,585,785</td>
<td>290,723</td>
<td>256,406</td>
<td>255,604</td>
<td>47,602</td>
<td>33,877</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,642,390</td>
</tr>
<tr>
<td>Yogyakarta</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,057,593</td>
</tr>
<tr>
<td>Jawa Timur</td>
<td>960</td>
<td>83,295</td>
<td>55,551</td>
<td>597,403</td>
<td>163,335</td>
<td>39,253</td>
<td>40,321</td>
<td>18,329</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4,400,229</td>
</tr>
<tr>
<td>Banten</td>
<td>40,710</td>
<td>115,516</td>
<td>166,041</td>
<td>39,359</td>
<td>40,003</td>
<td>12,300</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>323,281</td>
</tr>
<tr>
<td>Bali</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>173,707</td>
</tr>
<tr>
<td>NTB</td>
<td>16,746</td>
<td></td>
<td>277</td>
<td>34</td>
<td>10,597</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,889</td>
</tr>
<tr>
<td>Kalimantan**</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>113,880</td>
</tr>
<tr>
<td>Sulawesi***</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>432</td>
</tr>
<tr>
<td>Total</td>
<td>802,826</td>
<td>1,890,807</td>
<td>596,742</td>
<td>1,089,245</td>
<td>504,901</td>
<td>338,279</td>
<td>195,187</td>
<td>85,431</td>
<td>27,636</td>
<td>114,312</td>
<td>47,699</td>
<td>9,829,680</td>
<td>15,522,745</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Number of Busses</th>
<th>Number of Passengers</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arrival</td>
<td>Departure</td>
</tr>
<tr>
<td></td>
<td>(1)</td>
<td>(2)</td>
</tr>
<tr>
<td>Q1</td>
<td>580,401</td>
<td>597,958</td>
</tr>
<tr>
<td>Q2</td>
<td>629,572</td>
<td>642,595</td>
</tr>
<tr>
<td>Q3</td>
<td>603,419</td>
<td>621,765</td>
</tr>
<tr>
<td>Q4</td>
<td>604,860</td>
<td>607,739</td>
</tr>
<tr>
<td><strong>2019</strong></td>
<td><strong>2,418,252</strong></td>
<td><strong>2,470,057</strong></td>
</tr>
<tr>
<td>Q1</td>
<td>515,690</td>
<td>486,128</td>
</tr>
<tr>
<td>Q2</td>
<td>175,545</td>
<td>154,491</td>
</tr>
<tr>
<td>Q3</td>
<td>368,661</td>
<td>385,487</td>
</tr>
<tr>
<td>Q4</td>
<td>434,873</td>
<td>448,252</td>
</tr>
<tr>
<td><strong>2020</strong></td>
<td><strong>1,494,769</strong></td>
<td><strong>1,474,358</strong></td>
</tr>
<tr>
<td>Q1</td>
<td>415,837</td>
<td>417,000</td>
</tr>
<tr>
<td>Q2</td>
<td>399,543</td>
<td>398,013</td>
</tr>
<tr>
<td>Q3</td>
<td>337,176</td>
<td>410,455</td>
</tr>
<tr>
<td>Q4</td>
<td>413,997</td>
<td>410,428</td>
</tr>
<tr>
<td><strong>2021</strong></td>
<td><strong>1,566,553</strong></td>
<td><strong>1,635,896</strong></td>
</tr>
</tbody>
</table>
**Weighbridge Load Statistics**

**Coverage:**
- 77 motor vehicle weighing unit (UPPKB)

**Time Reference:** Quarterly

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**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.
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
Freight of Road Transport at Weighbridge Block II. General Information

1. Type of weighbridge (permanent/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
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)
# Volume of Goods Transported in the UPPKB by Type of Goods, 2021

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Number of Vehicles Weighted (unit)</th>
<th>Groceries</th>
<th>Strategic Goods</th>
<th>General Goods</th>
<th>Total Volume of Freight Transported (Tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>236.586</td>
<td>284.686</td>
<td>244.110</td>
<td>901.353</td>
<td>1.430.149</td>
</tr>
<tr>
<td>II</td>
<td>217.253</td>
<td>268.164</td>
<td>263.502</td>
<td>721.627</td>
<td>1.253.293</td>
</tr>
<tr>
<td>III</td>
<td>199.616</td>
<td>392.005</td>
<td>250.359</td>
<td>862.883</td>
<td>1.505.247</td>
</tr>
<tr>
<td>IV</td>
<td>248.828</td>
<td>294.457</td>
<td>292.610</td>
<td>797.514</td>
<td>1.384.581</td>
</tr>
<tr>
<td>Total</td>
<td>902.283</td>
<td>1.239.312</td>
<td>1.050.581</td>
<td>3.283.377</td>
<td>5.573.270</td>
</tr>
</tbody>
</table>
Motor Vehicles Statistics

Coverage:
• 34 Provinces, 514 Regencies

Time Reference: Annually

Data Sources

- Indonesian National Police
- Regional Police
  - BPS Statistics Indonesia
  - BPS Regional
  - email
  - visit/email

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)

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

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Millions Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>2018</td>
</tr>
<tr>
<td>Passenger Car</td>
<td>11.56</td>
</tr>
<tr>
<td>Bus</td>
<td></td>
</tr>
<tr>
<td>Truck</td>
<td></td>
</tr>
<tr>
<td>Motorcycles</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>

Composition of Motor Vehicles by Type in 2021 (percent)

- Motorcycles: 84.54%
- Truck: 3.73%
- Bus: 0.17%
- Passenger Car: 11.56%
## Number of Traffic Accidents, Casualties, and Material Losses, 2017-2021

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

**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.
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

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

- **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 equipment 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.
**Coverage:**
- 514 Regencies

**Time Reference:**
- Annually

**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.

**Data Sources**
- Regional Office of Public Work
- Ministry of Public Work and Housing
- BPS Regional
- BPS Statistics Indonesia

**Length of Road Statistics**

**Coverage:**
- 514 Regencies

**Time Reference:**
- Annually

**Email**
- Visit/Email
- Email
- Email
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 a road that can be passed through by a vehicle with a speed of 60 km per hour and up to next two years without maintenance on road ossification.

- **Moderate Road** is a road that can be passed through by a vehicle with a speed of 40-60 km per hour and up to next year without maintenance on road ossification.

- **Damaged Road** is a road that can be passed through by a vehicle with a speed of 20-40 km per hour and needs to be repaired.

- **Seriously Damaged Road** is a road that can be passed through by a vehicle with a speed of 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.
Coverage ASDP Indonesia Ferry

Ships
- 169 ASDP & 53 JN
- Commercial: 131 (59%)
- Pioneer: 91 (41%)

Branches
- 27

Ports
- 36

Routes
- 89; 29%
- 222; 71%
Inland Water Transport Statistics

Respondent: ASDP Indonesia Ferry
Number of Ports: 36

Total Interisland Passengers and Freight, 2018-2021

Table of Performance for ASDP Ferry Transportation, 2018-2021

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

Sumber: ASDP Indonesia Ferry
In 2021, there were 206,258 trips, decreasing by 1.02% compared to 208,389 trips in the previous year. Despite this lower trips, the number of transported passengers and vehicles was maintained.
Sea Transport Statistics

Time Reference: Monthly

Sea Transport Data Flow

- Ministry of Transportation
- PT. Pelindo Passenger and freight traffic
- Ports Passenger and freight traffic
- BPS

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
## 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
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.

<table>
<thead>
<tr>
<th>Description</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>(1)</em></td>
<td><em>(2)</em></td>
<td><em>(3)</em></td>
<td><em>(4)</em></td>
<td><em>(5)</em></td>
<td><em>(6)</em></td>
</tr>
<tr>
<td><strong>Domestic Voyage</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unloaded</td>
<td>409.335</td>
<td>410.057</td>
<td>401.068</td>
<td>367.252</td>
<td>399.325</td>
</tr>
<tr>
<td>Loaded</td>
<td>337.846</td>
<td>363.122</td>
<td>358.025</td>
<td>363.270</td>
<td>384.416</td>
</tr>
<tr>
<td><strong>International Voyage</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unloaded</td>
<td>105.491</td>
<td>95.113</td>
<td>104.532</td>
<td>92.164</td>
<td>358.610</td>
</tr>
<tr>
<td>Loaded</td>
<td>272.404</td>
<td>310.180</td>
<td>349.095</td>
<td>112.206</td>
<td>388.971</td>
</tr>
</tbody>
</table>
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.
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

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

Air Transport Data Flow

- Angkasa Pura I
  - Passenger and freight traffic
- Ministry of Transportation
- Angkasa Pura II
  - Passenger and freight traffic
- BPS
- Email
- API

Airports
- Passenger and freight traffic
Air transport data consist of:

- Flight traffic as production of all airports in Indonesia, with origin and destination, including 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.
Passengers and Freight of Air Transport Survey at Airport

**Questioner**

Province
Regency
Airport Name

Year
Month

A. Domestic/ B. International

- Column 1: Number
- Column 2: Origin/Destination Airports
- Column 3: Departure Flight
- Column 4: Arrival Flight
- Column 5: Departure Passengers
- Column 6: Arrival Passengers
- Column 7: Transit Passengers
- Column 8: Loading Freight
- Column 9: Unloading Freight
- Column 10: Loading Baggage
- Column 11: Unloading Baggage
- Column 12: Loading Mail/Package
- Column 13: Unloading Mail/Package

TOTAL/JUMLAH

Model: III/1
Air Transportation Statistic

Passengers Departures of Domestic and International Flight, 2017-2021

<table>
<thead>
<tr>
<th>Year</th>
<th>Domestic Thousand</th>
<th>International Thousand</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>16,665</td>
<td>90,744</td>
</tr>
<tr>
<td>2018</td>
<td>18,247</td>
<td>94,896</td>
</tr>
<tr>
<td>2019</td>
<td>19,073</td>
<td>76,156</td>
</tr>
<tr>
<td>2020</td>
<td>3,613</td>
<td>33,514</td>
</tr>
<tr>
<td>2021</td>
<td>632</td>
<td>30,698</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Domestic Thousand</th>
<th>International Thousand</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>969.58</td>
<td>110.08</td>
</tr>
<tr>
<td>2018</td>
<td>1005.24</td>
<td>118.81</td>
</tr>
<tr>
<td>2019</td>
<td>877.00</td>
<td>118.61</td>
</tr>
<tr>
<td>2020</td>
<td>526.76</td>
<td>34.07</td>
</tr>
<tr>
<td>2021</td>
<td>484.57</td>
<td>17.26</td>
</tr>
</tbody>
</table>
Cargo, Baggage, and Mail/Package of Domestic and International Flight, 2017-2021 (Ton)
QUARTERLY SURVEY OF TRANSPORT BUSINESS
General

Goals

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

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

Used as Supporting Data in the preparation of Quarterly GDP/GRDP of G, H, J, K, and O Categories.
## Coverage STKU–H 2023 (Transport & Warehousing Category)

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

**Time reference:** Quarterly  
**Area Coverage:** 34 provinces  
**Respondent:** 769 High and Medium Scale Transport Industry
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**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Provinsi</td>
<td>: .................................................................</td>
<td></td>
</tr>
<tr>
<td>2. Kabupaten/Kota *)</td>
<td>: .................................................................</td>
<td></td>
</tr>
<tr>
<td>3. Nomor Urut Perusahaan</td>
<td>: .................................................................</td>
<td></td>
</tr>
<tr>
<td>4. Nama Perusahaan</td>
<td>: .................................................................</td>
<td></td>
</tr>
<tr>
<td>a. Alamat</td>
<td>: .................................................................</td>
<td></td>
</tr>
<tr>
<td>b. E-mail</td>
<td>: .................................................................</td>
<td></td>
</tr>
<tr>
<td>c. Nomor Telepon</td>
<td>: ( ........) .....................................................</td>
<td></td>
</tr>
<tr>
<td>5. Subcategori</td>
<td>: Angkutan Penumpang</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>: Angkutan Barang</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>: ASDP [Non PT ASDP (Persero)]</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>: Pergudangan/Cold Storage</td>
<td>4</td>
</tr>
<tr>
<td>6. Uraian Kegiatan Utama</td>
<td>: .................................................................</td>
<td>KBLI Lepengan</td>
</tr>
<tr>
<td>7. Hasil Pencacahan</td>
<td>: .................................................................</td>
<td></td>
</tr>
</tbody>
</table>

*) Contoh: Angkutan Kendaraan
### 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

<table>
<thead>
<tr>
<th>Uraian</th>
<th>Saluran</th>
<th>Triwulan Sebelumnya ( ...... - 20 ...... )</th>
<th>Triwulan Sekarang ( ...... - 20 ...... )</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Bulan (1)</td>
<td>Bulan (2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bulan (3)</td>
<td>Bulan (4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bulan (5)</td>
<td>Bulan (6)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bulan (7)</td>
<td>Bulan (8)</td>
</tr>
</tbody>
</table>

1. Jumlah Pekerja  
2. Nilai Bunga Jasa Pekerja  
3. Pendapatan

*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).

**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

- **passenger (person)** by bus, public passenger car, taxi.
- **freight (order)** by truck, pick up
- **ASDP (non PT ASDP)**: passenger (person), freight (ton), vehicle (unit)
- **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

<table>
<thead>
<tr>
<th>Uraian</th>
<th>Triwulan Sebelumnya (………-20……)</th>
<th>Triwulan Sekarang (………-20……)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bulan</td>
<td>Bulan</td>
</tr>
<tr>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
</tr>
</tbody>
</table>

4. **Produksi Perusahaan:**
   - **a. Angkutan Penumpang**
     - Jumlah order / penumpang yang diangkut:
       - 1) Bus
       - 2) Mobil penumpang umum
       - 3) Taksi

   - **b. Angkutan Barang**
     - Jumlah order barang yang diangkut:
       - 1) Truk
       - 2) Pick up

   - **c. ASDP [Non PT ASDP (Persero)]**
     - 1) Jumlah penumpang yang diangkut
     - 2) Jumlah barang yang diangkut

   - **d. Pergudangan/Cold Storage**
     - Volume / luas gudang yang disewakan:
       - 1) Gudang tertutup/Cold Storage
       - 2) Gudang terbuka

     - Rata-rata tarif sewa:
       - 3) Gudang tertutup/Cold Storage: Rp m² per hari
       - 4) Gudang terbuka: Rp m² per hari
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
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.
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

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)
DISSEMINATION
Transportation Statistics Dissemination

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
- Lenght of Road
- Road motor vehicles
- Road traffic accident
- Driving license issued
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 passengers
• Number of truck in UPPKB
• Volume of freight in UPPKB
### GDP of Indonesia by Industrial in 2022

<table>
<thead>
<tr>
<th>Industrial (2010 Version)</th>
<th>GDP (Billion Rupiahs)</th>
<th>Distribution (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Agriculture, Forestry, and Fishery</td>
<td>2,428,900.5</td>
<td>12.4</td>
</tr>
<tr>
<td>B Mining and Quarrying</td>
<td>2,393,390.9</td>
<td>12.22</td>
</tr>
<tr>
<td>C Manufacturing</td>
<td>3,591,774.7</td>
<td>18.34</td>
</tr>
<tr>
<td>D Electricity, Gas, Steam and Air Conditioning Supply</td>
<td>204,673.7</td>
<td>1.04</td>
</tr>
<tr>
<td>E Water Supply, Sewerage, Waste Management and Remediation Activities</td>
<td>12,537.1</td>
<td>0.06</td>
</tr>
<tr>
<td>F Construction</td>
<td>1,912,978.7</td>
<td>9.77</td>
</tr>
<tr>
<td>G Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles</td>
<td>2,516,591.5</td>
<td>12.85</td>
</tr>
<tr>
<td>H Transportation and Storage</td>
<td>983,530.1</td>
<td>5.02</td>
</tr>
<tr>
<td>1. Railways Transport</td>
<td>13,881.3</td>
<td>0.07</td>
</tr>
<tr>
<td>2. Land Transport</td>
<td>471,125.3</td>
<td>2.41</td>
</tr>
<tr>
<td>3. Sea and Coastal Water Transport</td>
<td>55,027.7</td>
<td>0.28</td>
</tr>
<tr>
<td>4. Inland Water Transport</td>
<td>28,579.8</td>
<td>0.15</td>
</tr>
<tr>
<td>5. Air Transport</td>
<td>206,376.2</td>
<td>1.05</td>
</tr>
<tr>
<td>6. Warehousing and Support Activities for Transportation; Postal and Courier Activities</td>
<td>208,539.8</td>
<td>1.06</td>
</tr>
<tr>
<td>I Accommodation and Food Service Activities</td>
<td>472,064.6</td>
<td>2.41</td>
</tr>
<tr>
<td>J Information and Communication</td>
<td>812,807.5</td>
<td>4.15</td>
</tr>
<tr>
<td>K Financial and Insurance Activities</td>
<td>809,356.7</td>
<td>4.13</td>
</tr>
<tr>
<td>L Real Estate</td>
<td>488,311.2</td>
<td>2.49</td>
</tr>
<tr>
<td>M,N Business Activities</td>
<td>341,427.3</td>
<td>1.74</td>
</tr>
<tr>
<td>O Public Administration and Defense, Compulsory Social Security</td>
<td>605,117.3</td>
<td>3.09</td>
</tr>
<tr>
<td>P Education</td>
<td>566,624.5</td>
<td>2.89</td>
</tr>
<tr>
<td>Q Human Health and Social Work Activities</td>
<td>236,166.8</td>
<td>1.21</td>
</tr>
<tr>
<td>R,S,T,U Other Service Activities</td>
<td>354,181.2</td>
<td>1.81</td>
</tr>
<tr>
<td>Gross Value Added at Basic Price</td>
<td>18,730,434.3</td>
<td>95.62</td>
</tr>
<tr>
<td>TAXES LESS SUBSIDIES ON PRODUCTS</td>
<td>858,011.3</td>
<td>4.38</td>
</tr>
<tr>
<td>Gross Domestic Product</td>
<td>19,588,445.6</td>
<td>100.00</td>
</tr>
</tbody>
</table>

### Transportation & Storage in GDP, 2022

- Railways Transport: 21%
- Land Transport: 48%
- Sea and Coastal Water Transport: 6%
- Inland Water Transport: 3%
- Air Transport: 21%
- Warehousing and Support Activities for Transportation; Postal and Courier Activities: 6%
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

https://www.bps.go.id/
CHALLENGES AND FUTURE ENHANCEMENT
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)
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)

BPS – Statistics Indonesia
- Monthly administrative data collection
- Quarterly survey
- Yearly administrative data collection

Current data flow
- Via Email/ BPS Portal Collaboration
- BPS – Statistics Indonesia

Expected data flow
- Ministry of Transportation as transportation data envoy
- Automation Data Interoperability
- ONE DATA TRANSPORTATION INDONESIA
Big Data and Transportation Statistic

**BIG DATA**

AIS (Automatic Identification System) Data

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

Support