



Data and Information Technology Center
Ministry of Transportation
Republic of Indonesia



The 18th ASEAN – JAPAN EXPERTS GROUP MEETING ON INFORMATION PLATFORM FOR TRANSPORT STATISTICS

MINISTRY OF TRANSPORTATION
REPUBLIC OF INDONESIA



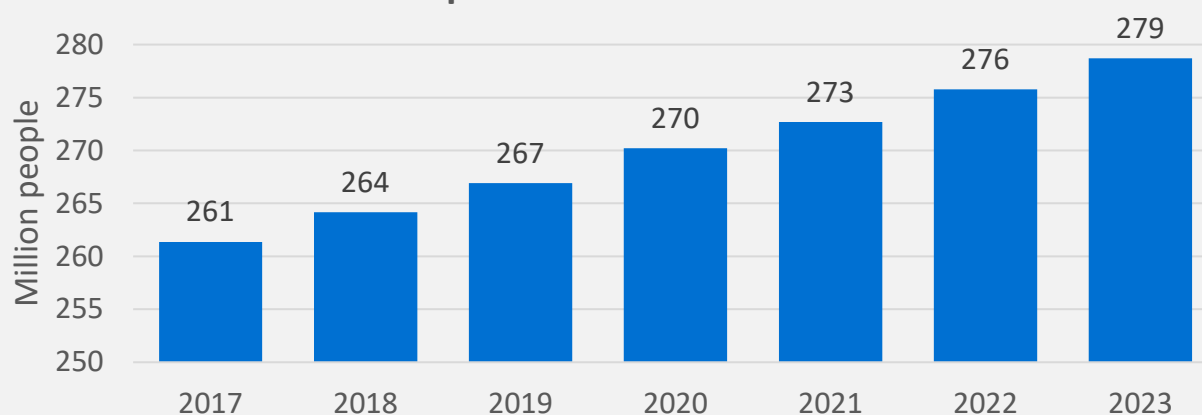
INTRODUCTION

REPUBLIC OF INDONESIA

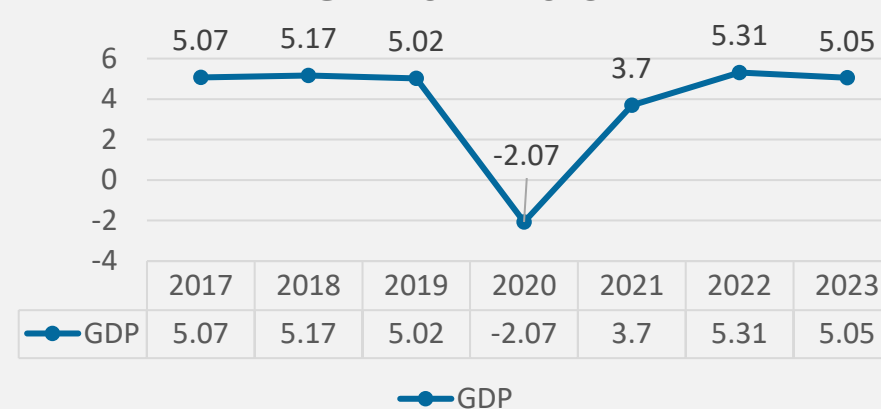


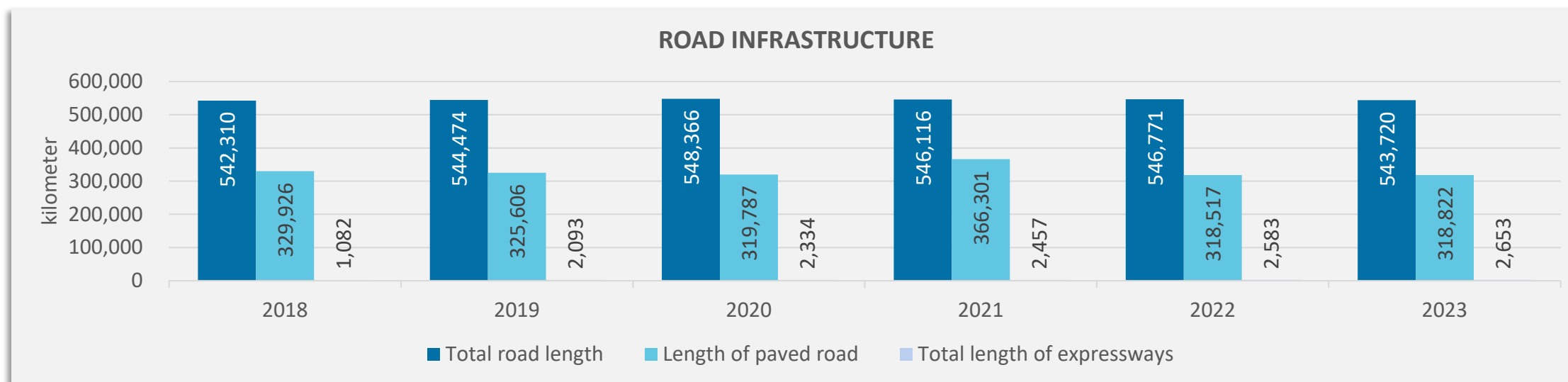
Area	1.892.410,09 sq KM
Population	278.696.200 people
Population Growth	1,13 %
GDP	IDR20,892.4 trillion
GDP per Capita	IDR75.0 million
GDP Growth	5.05 %

Population 2017 – 2023

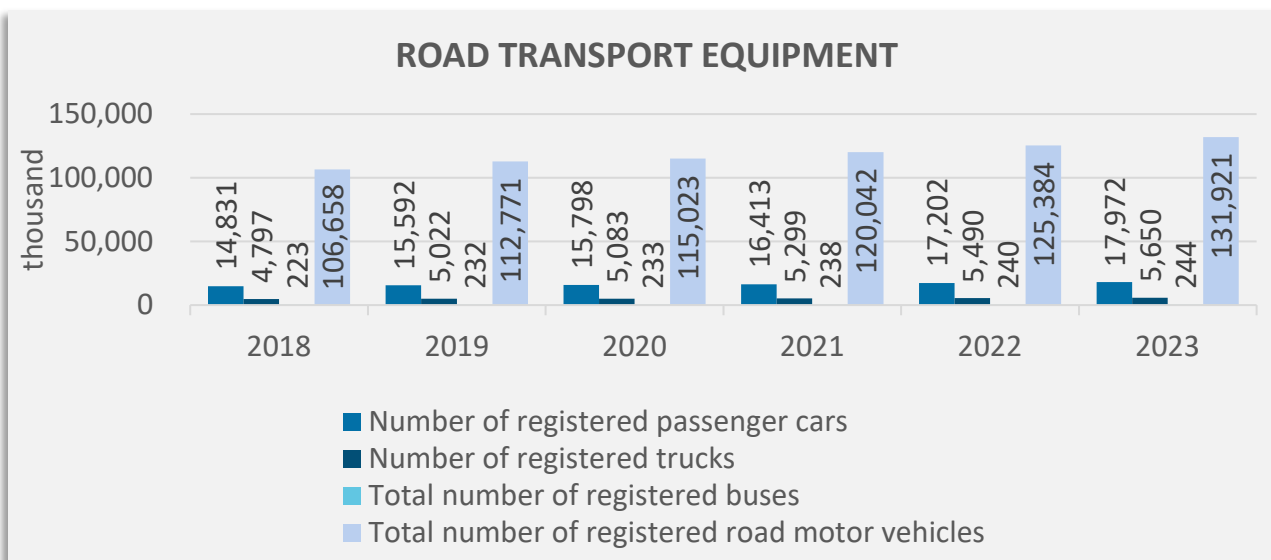


GDP 2017 - 2023

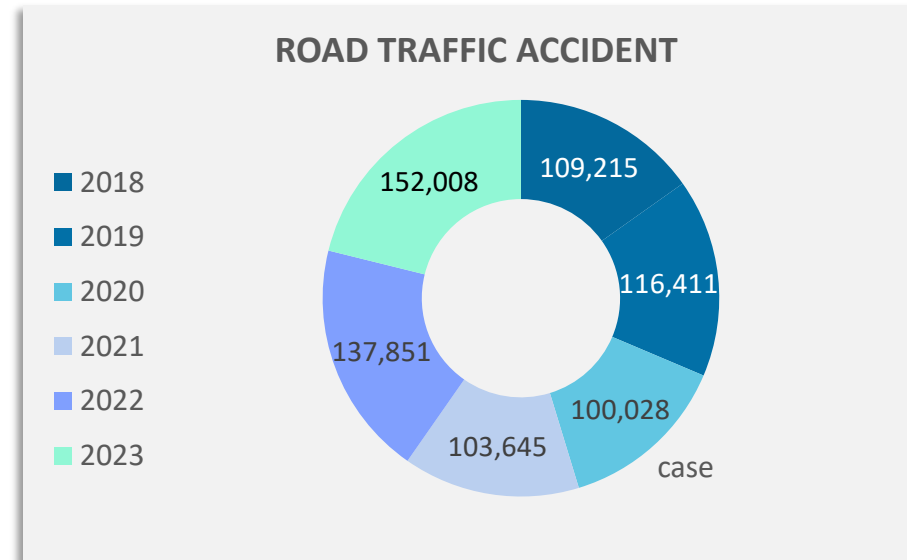




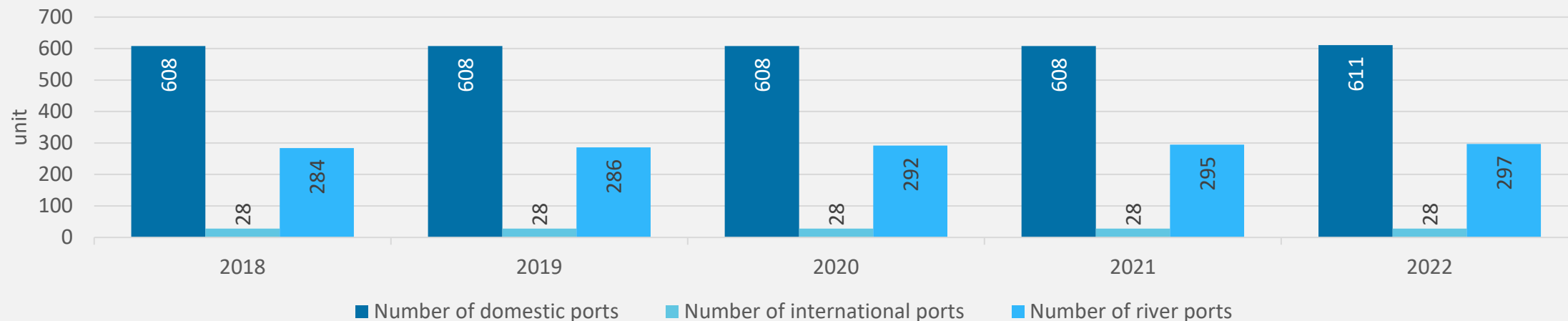
Source: Central Bureau of Statistics of Indonesia



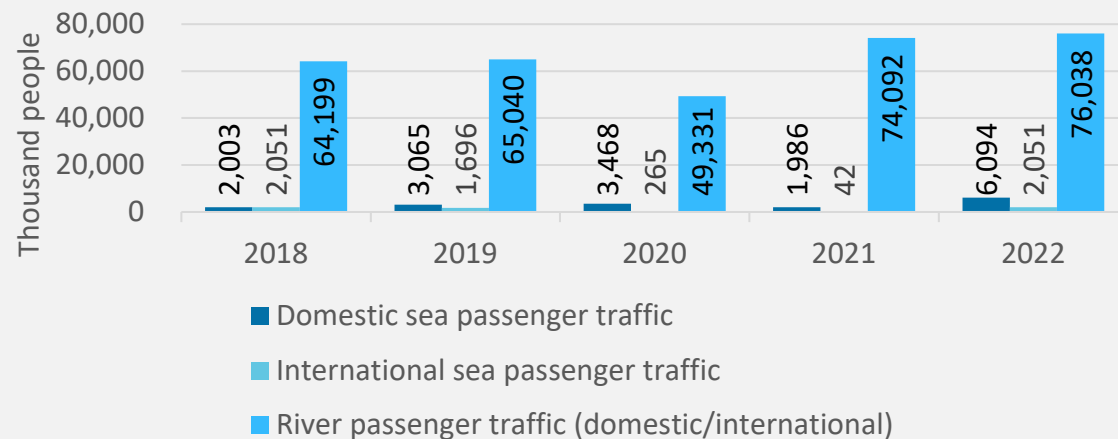
Source: Directorate General of Land Transportation, MoT and Indonesian National Police



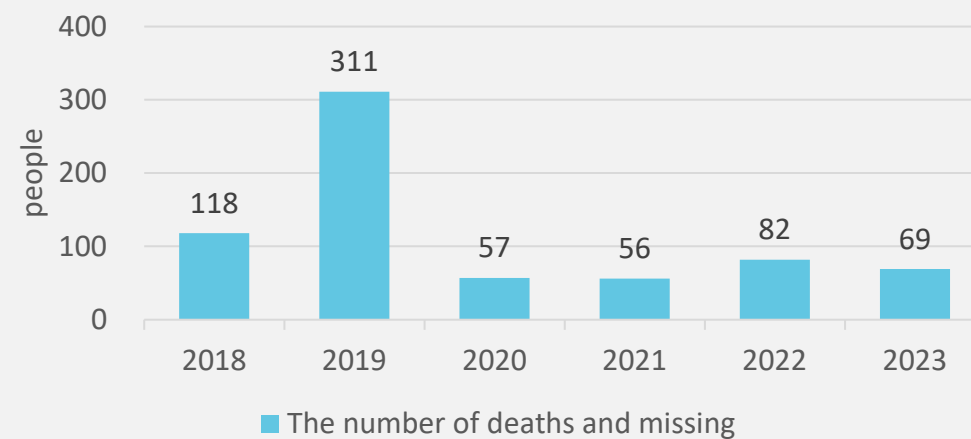
MARITIME & RIVER TRANSPORT INFRASTRUCTURE



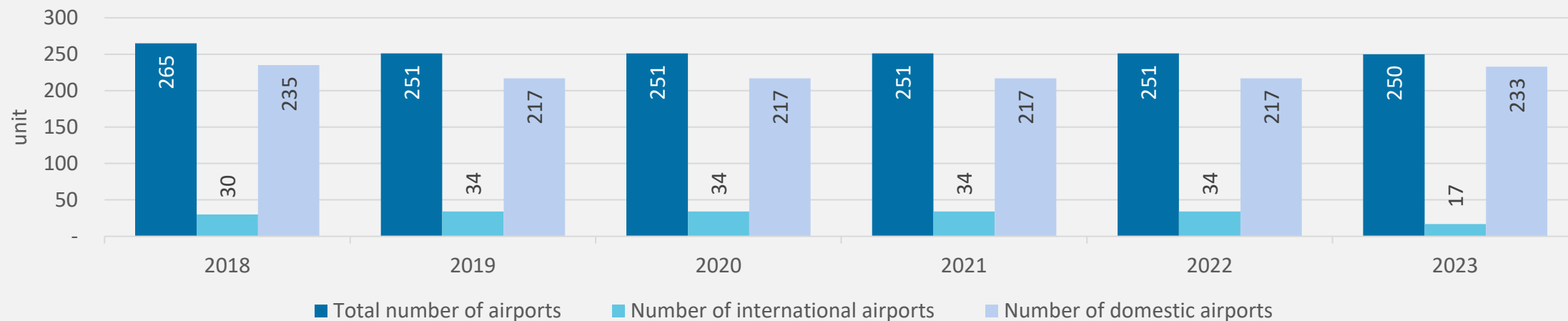
PASSANGER TRAFFIC



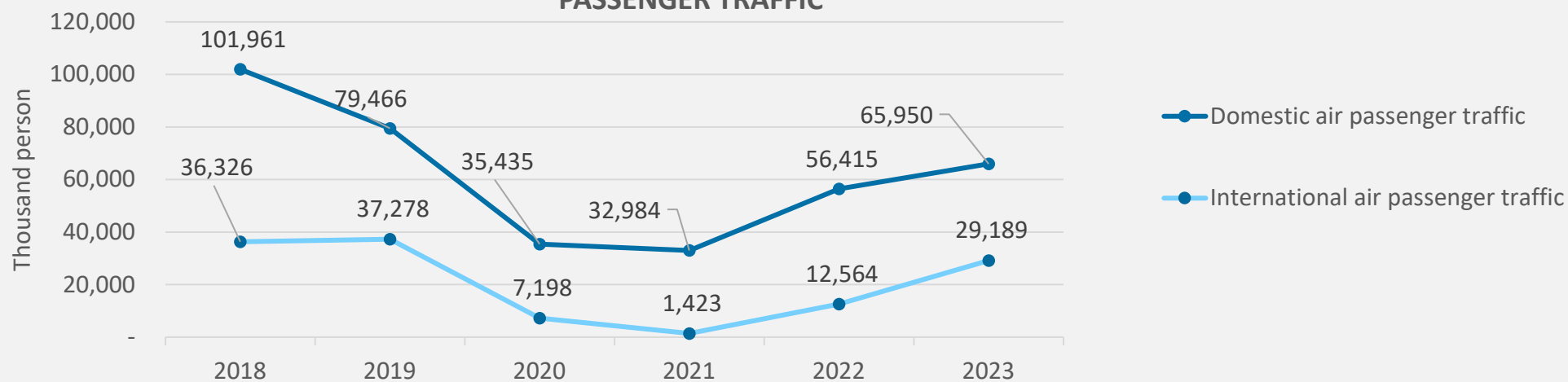
WATER TRANSPORT ACCIDENT



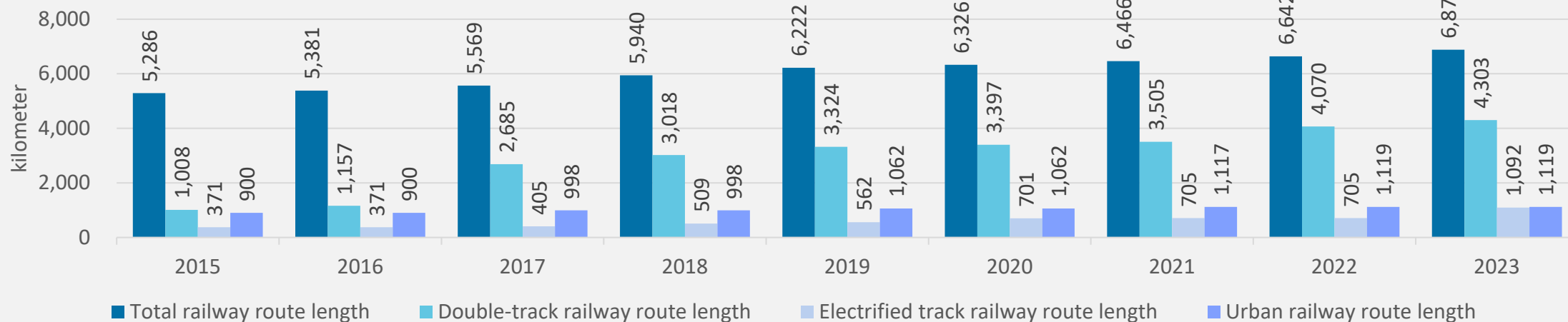
AIR TRANSPORT INFRASTRUCTURE



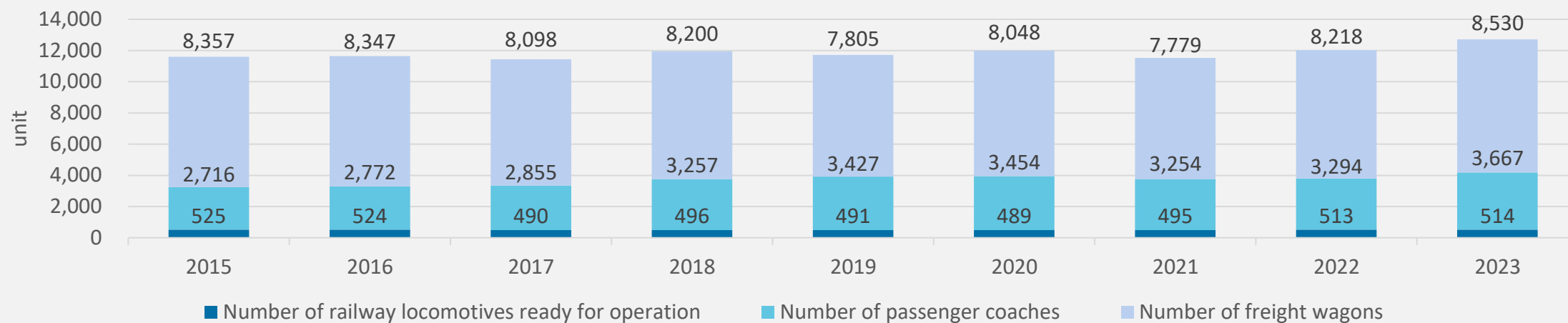
PASSENGER TRAFFIC



RAILWAY ROUTE LENGTH



RAILWAY TRANSPORT EQUIPMENT

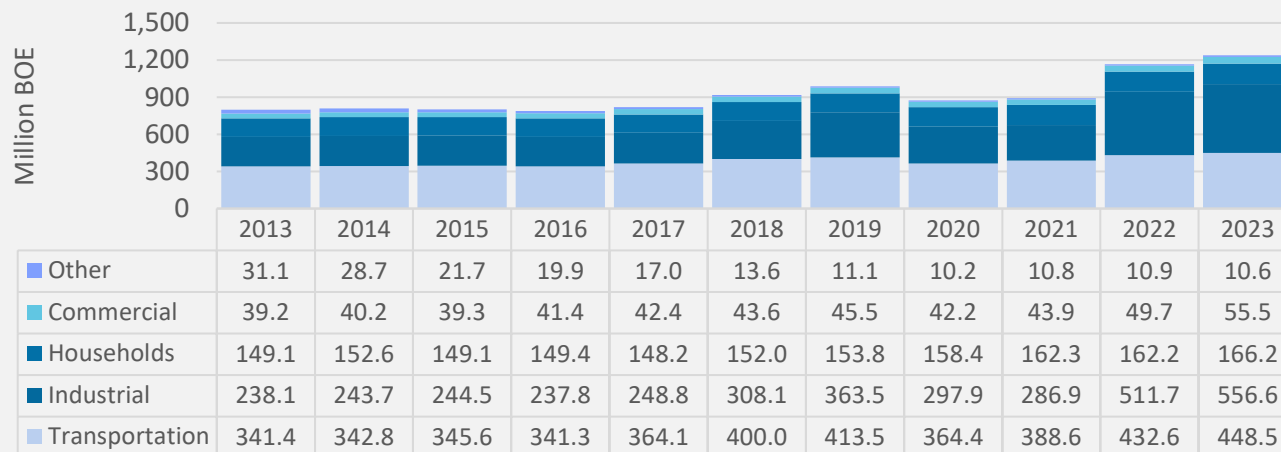


GREENHOUSE GASES (GHG) EMISSION

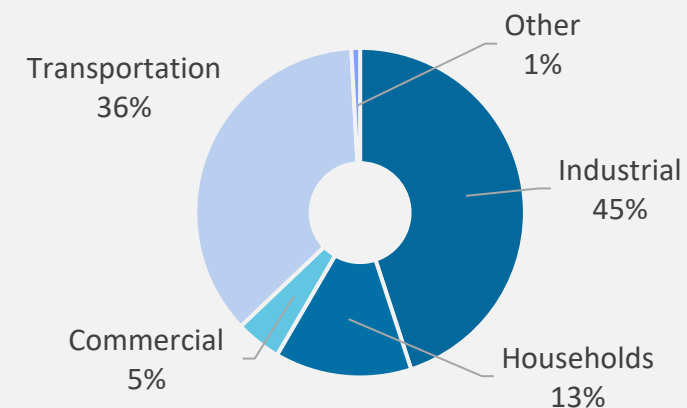
TRANSPORTATION SECTOR



FINAL ENERGY CONSUMPTION

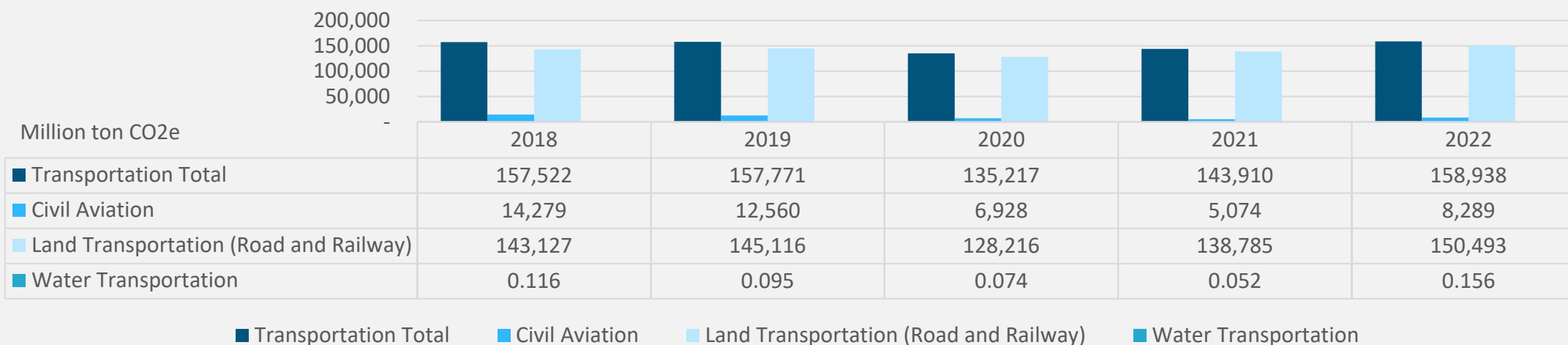


SHARE OF FINAL ENERGY CONSUMPTION 2023



Source: Ministry of Energy and Mineral Resource

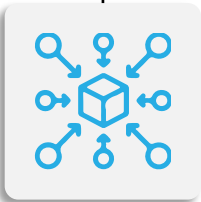
TRANSPORTATION GHG EMISSION



Source: Center for Sustainable Transportation Management, MoT



The Transportation Service Integration System (HUBNET) provided by the Ministry of Transportation aims to accelerate the Digital Transformation of the Transportation Sector, strengthen the implementation of the Electronic-Based Government System (e-Gov), and facilitate Interoperability & Collaboration across Stakeholders in the Transportation Sector.



SINGLE SOURCE OF TRUTH

Based on the Single Source of Truth principle, which is implemented through the One Transportation Data policy, supported by BIG DATA management, and aligned with Data Governance Principles (Data Standards, Reference Codes, Metadata, and Master Data).



ENTERPRISE SERVICE BUS

Supported by the Enterprise Service Bus (ESB) management of the Ministry of Transportation, which facilitates system integration and interoperability, as well as the management of data and information across the Ministry's Organizational Units and Transportation Sector Stakeholders.



INTEGRATED SERVICE PLATFORM

Managing the Integrated Service Platform to ensure ease and speed of access to all information, data, and services for G2G, G2B, G2C, and G2E within the Ministry and the Transportation Sector, while adhering to Data Protection, Data Security, and Public Information Disclosure regulations.

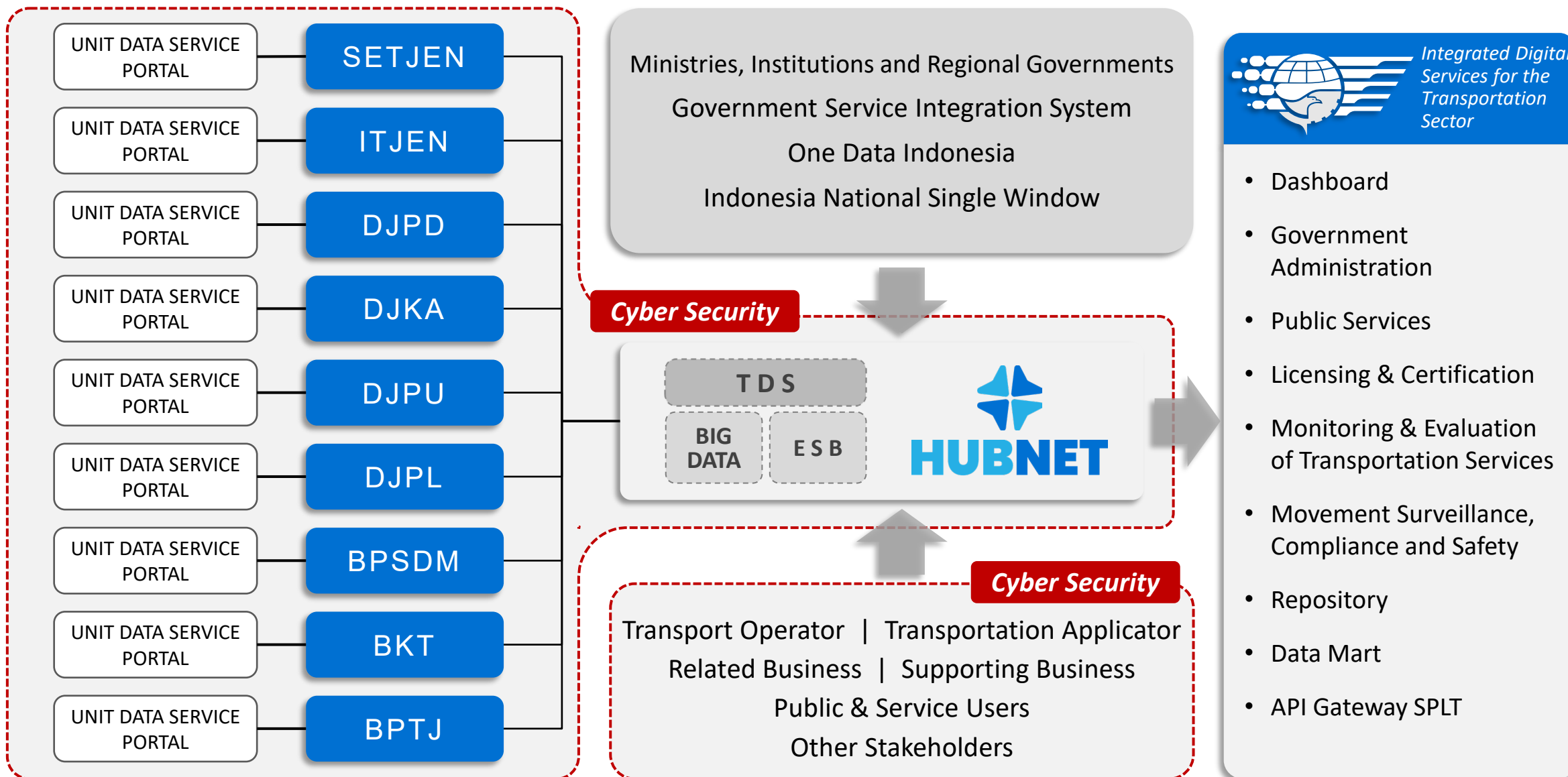


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HUBNET ECOSYSTEM

TRANSPORTATION SERVICE INTEGRATION SYSTEM



BIG DATA IMPLEMENTATION IN TRANSPORTATION

INTEGRATED TRANSPORTATION INFORMATION SYSTEM



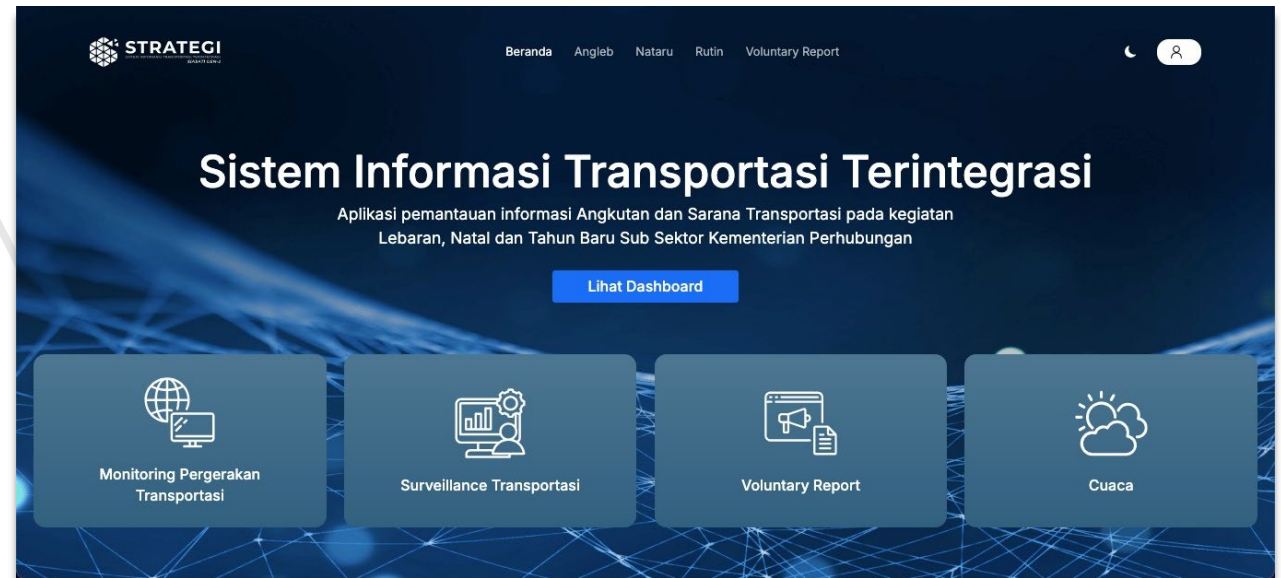
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STRATEGI
SISTEM INFORMASI TRANSPORTASI TERINTEGRASI
SIASATI GEN-2

**Sistem Informasi
Transportasi Terintegrasi**

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NAUTICAL MAP



AVIATION MAP



OPEN STREET MAP



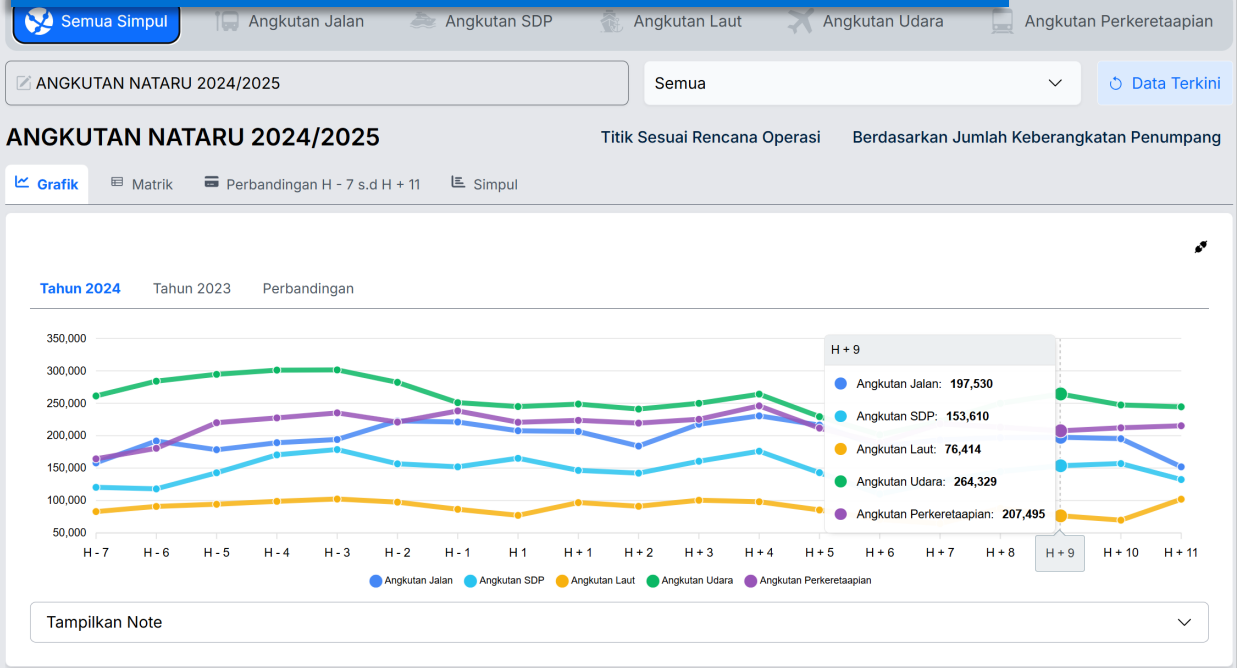
RAILWAY MAP

MONITORING OF PASSENGER & VEHICLE MOVEMENT DATA

INTEGRATED TRANSPORTATION INFORMATION SYSTEM (STRATEGI HUB)



DAILY DATA MONITORING



DAILY MATRIX DATA DETAILS

Periode	H - 7	H - 6	H - 5	H - 4	H - 3	H - 2	H - 1	H 1	H + 1	H + 2	H + 3	H + 4	H + 5	H + 6	H + 7	H + 8	H + 9	H + 10	H + 11
Angkutan Perkeretaapian	164,330	180,559	220,033	227,499	235,168	220,986	238,219	220,725	223,703	219,341	225,258	245,982	211,679	188,813	218,419	213,065	207,495	212,141	215,261
Angkutan Udara	261,238	284,062	294,606	301,116	301,488	282,271	250,937	244,925	248,737	241,079	249,925	264,110	229,352	201,330	222,310	249,976	264,329	247,335	244,411
Angkutan Laut	82,960	90,905	94,233	98,805	102,286	97,487	86,529	77,110	96,761	91,115	100,423	98,156	85,459	70,926	64,557	87,879	76,414	69,712	102,000
Angkutan SDP	120,370	117,987	142,823	170,464	178,599	156,564	152,011	165,187	146,516	142,191	160,567	176,067	142,958	110,113	129,761	144,699	153,610	156,976	132,400
Angkutan Jalan	158,052	191,750	178,381	189,181	194,169	222,775	221,104	207,618	206,409	183,944	217,676	230,527	216,316	183,279	193,439	196,839	197,530	195,371	152,000
Total	786,950	865,263	930,076	987,065	1,011,710	980,083	948,800	915,565	922,126	877,670	953,849	1,014,842	885,764	754,461	828,486	892,458	899,378	881,535	846,200

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GROWTH WITH PREVIOUS PERIOD

PERBANDINGAN AKUMULASI PERGERAKAN

Berdasarkan Jumlah Keberangkatan Penumpang

17,182,298

16,341,900

2024

2023

5.00%

Angkutan Jalan

3,736,389

3,498,287

2024

2023

7% Dibandingkan Tahun 2023

Angkutan SDP

2,799,867

3,046,725

2024

2023

8% Dibandingkan Tahun 2023

Angkutan Laut

1,673,737

1,557,917

2024

2023

7% Dibandingkan Tahun 2023

Angkutan Udara

4,883,625

4,409,234

2024

2023

11% Dibandingkan Tahun 2023

MOVEMENT DETAILS OF EACH NODE

Pergerakan Harian Rutin Penumpang

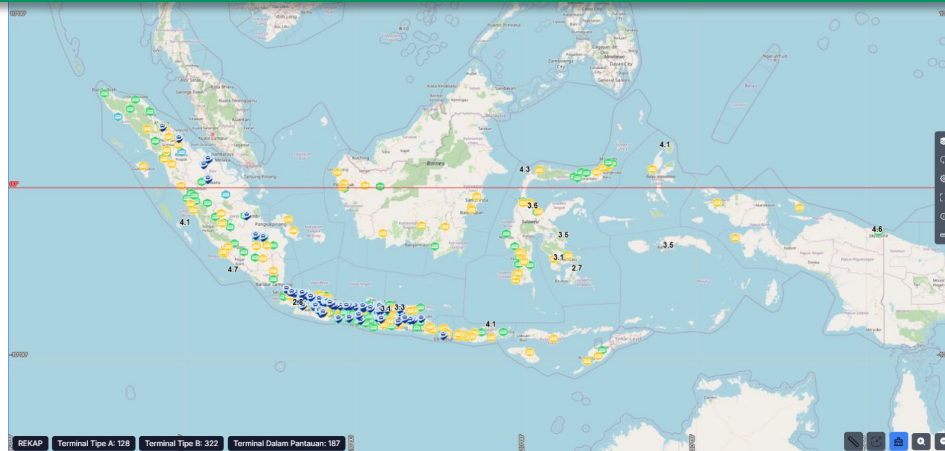
Terminal (Pantauan)	Keberangkatan Penumpang	2024	Hide kolom dengan total 0		Download .csv	Download .xls	Copy Table	Cari titik					
No	Lokasi	18 Dec	19 Dec	20 Dec	21 Dec	22 Dec	23 Dec	24 Dec	25 Dec	26 Dec	27 Dec	28 Dec	29 Dec
1	Aceh Barat Daya (D.I Aceh)	170	167	240	149	95	186	131	75	131	101	152	130
2	Aceh Selatan (D.I Aceh)	0	164	84	166	0	158	77	127	8	145	90	142
3	Aceh Tamiang (D.I Aceh)	28	22	31	23	28	34	36	10	26	21	16	25
4	Alam Barajo (Jambi)	574	736	870	837	976	1,012	794	863	730	757	742	752
5	Alang-Alang Lebar (Sumatera Selatan)	517	838	730	732	999	909	920	646	658	609	521	459
6	Ambulu (Jawa Timur)	80	95	68	68	158	164	175	171	118	226	153	125
7	Amplas (Sumatera Utara)	1,758	1,759	2,648	2,350	2,542	2,132	1,800	1,214	1,617	1,908	2,226	1,901
8	Anak Air (Sumatera Barat)	86	7	44	53	75	54	71	116	65	39	36	90
9	Anjuk Ladang (Jawa Timur)	-	-	-	0	-	-	-	-	-	-	-	-

SURVEILLANCE SYSTEM MONITORING

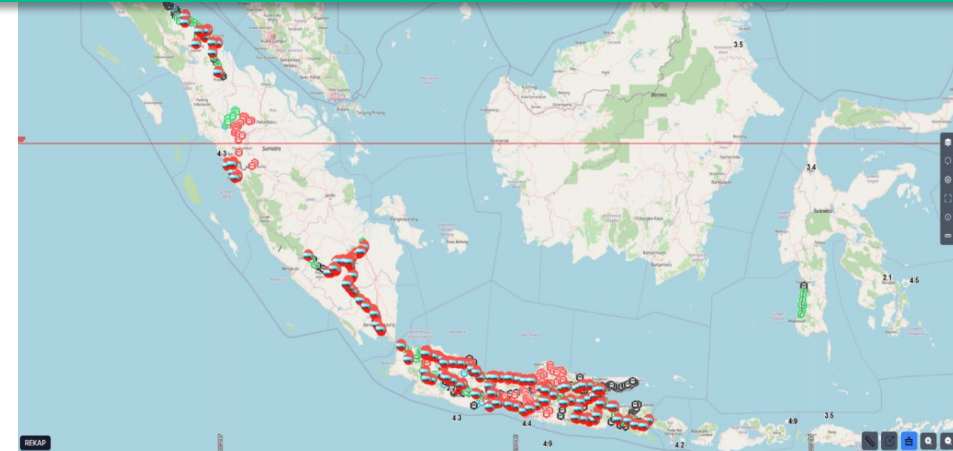
INTEGRATED TRANSPORTATION INFORMATION SYSTEM (STRATEGI HUB)



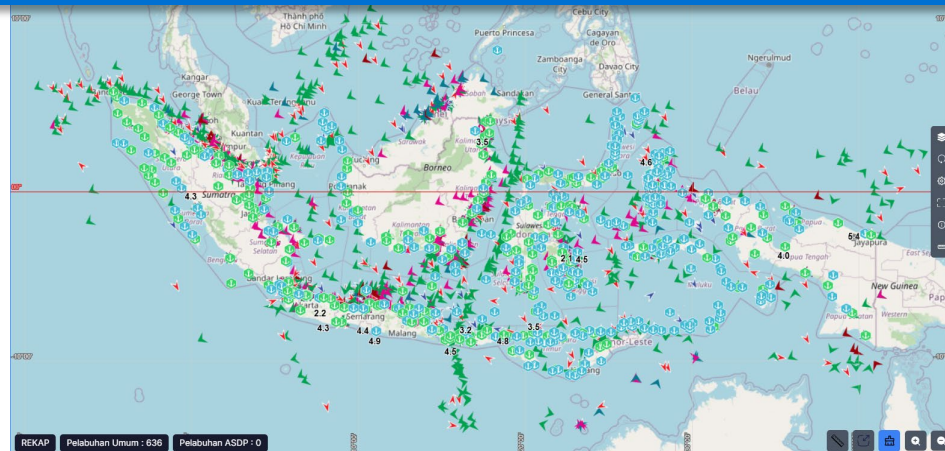
ROAD TRANSPORTATION



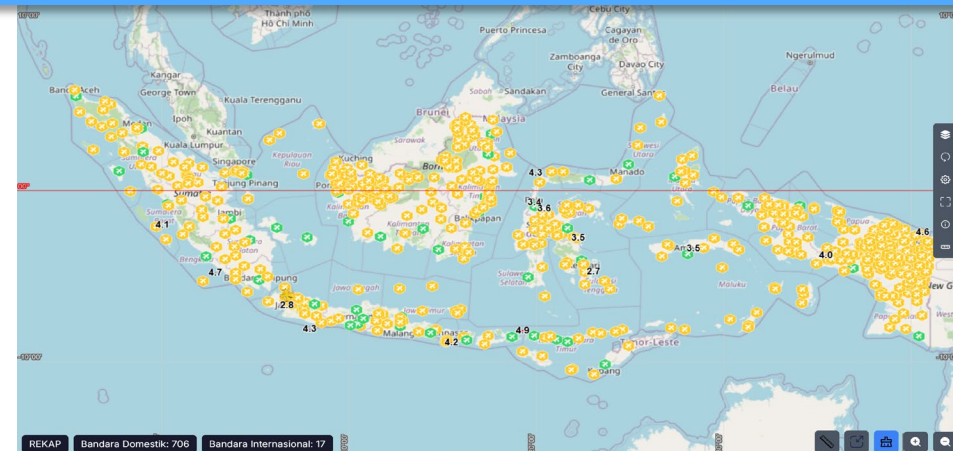
RAILWAY



MARITIME



AVIATION





MINISTRY OF TRANSPORTATION
DATA AND INFORMATION TECHNOLOGY CENTER

2025