MINISTRY OF TRANSPORTATION



TRANSPORTATION INFORMATION 2018

PUSTIKOMHUB



TRANSPORTATION INFORMATION
2018

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MINISTRY OF TRANSPORTATION

TRANSPORTATION INFORMATION 2018

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PREFACE

All praise to The most Almightiest God, Allah SWT for His blessings on us in accomplishing the book of Information of Ministry of Transportation 2018.

It is a kind of a pocket book that is provided the main information of transportation consisting of the developments of facilities and infrastructures, productions, safety, human resources and investments in land transportation, sea transportation, rail transportation, and civil aviation.

Our best regard for each party which has participated and given its contribution to this book either in its arrangement or provision of information. The book could to be downloaded on the Ministry of Transportation website (www.dephub.go.id). We hope that this book could be useful for all of us.

Jakarta, Mei 2019
Minister of Transportation

BUDI KARYA SUMADI

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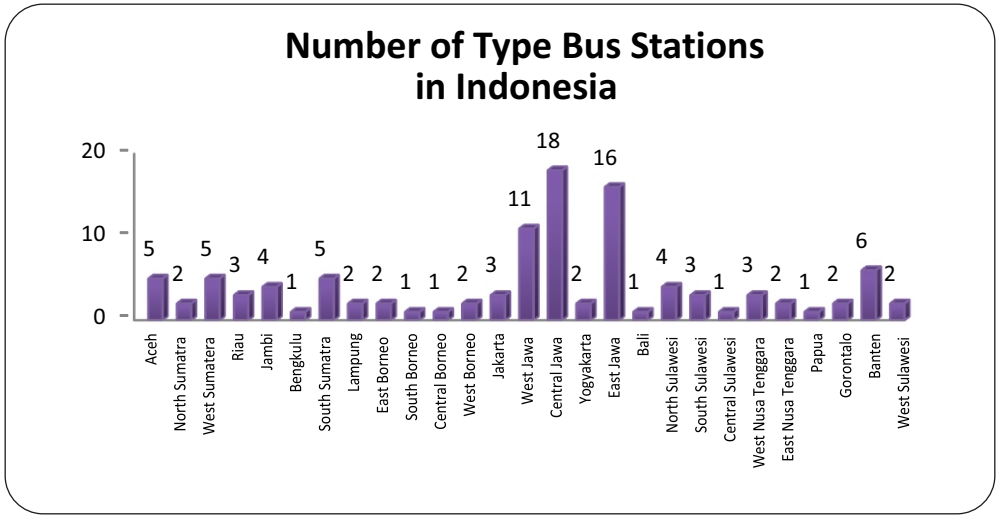
LAND TRANDSPORT



LAND TRANSPORT





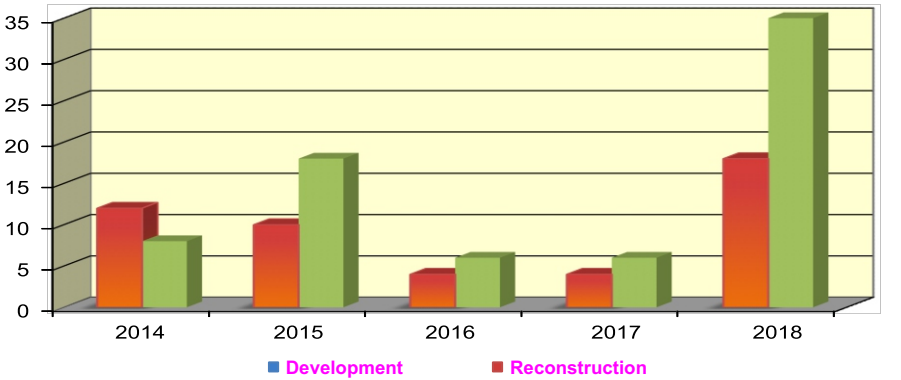
Total ofl Type A Bus Stations = 108

Source : Directorate General of Land Transportation, 2018

A. LAND TRANSPORTATION

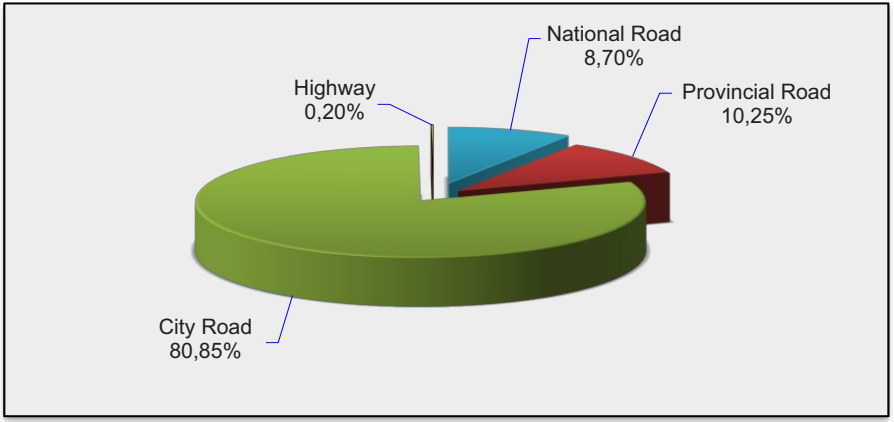
1. Road Transport Infrastructure

b. Number of Bus Stations Development and Reconstruction, 2014 - 2018



YEARS	2014	2015	2016	2017	2018	Total
Development	12	10	4	4	18	48
Development of Bus Station Completion	-	10	4	3	6	23
Development of New Bus Station	-	0	0	1	12	13
Reconstruction	8	18	6	6	35	73

Source : Directorate General of Land Transportation, 2018

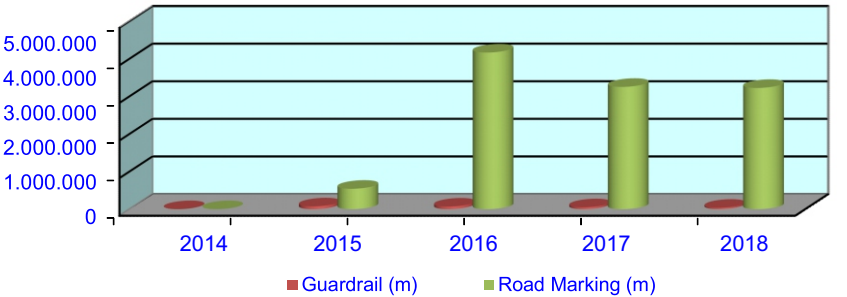


Road	National Road	Provincial Road	City Road	Highway
Length (Km)	47.017	55.416	436.982	1.082,65

Source : Directorate General of Land Transportation, 2018

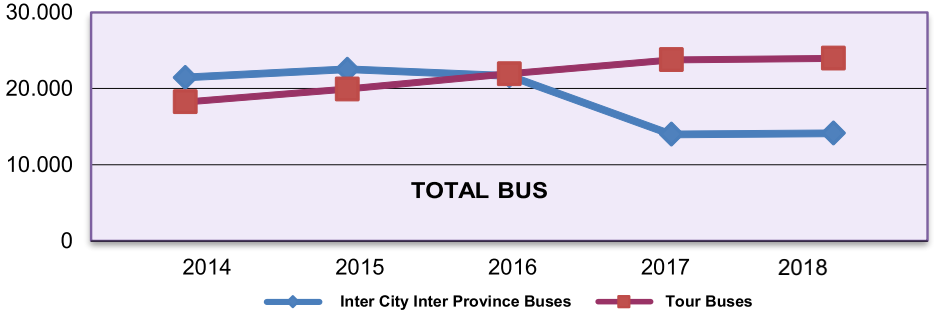
A. LAND TRANSPORTATION

1. Road Transport Infrastructure
d. Annual Number of Guard Rail and Road Marking Constructions, 2014 - 2018



YEARS	2014	2015	2016	2017	2018
Guardrail (m)	NA	74.092	69.075	50.140	36.809
Road Marking (m)	NA	543.048	4.166.842	3.253.149	3.224.521

Source : Directorate General of Land Transportation, 2018



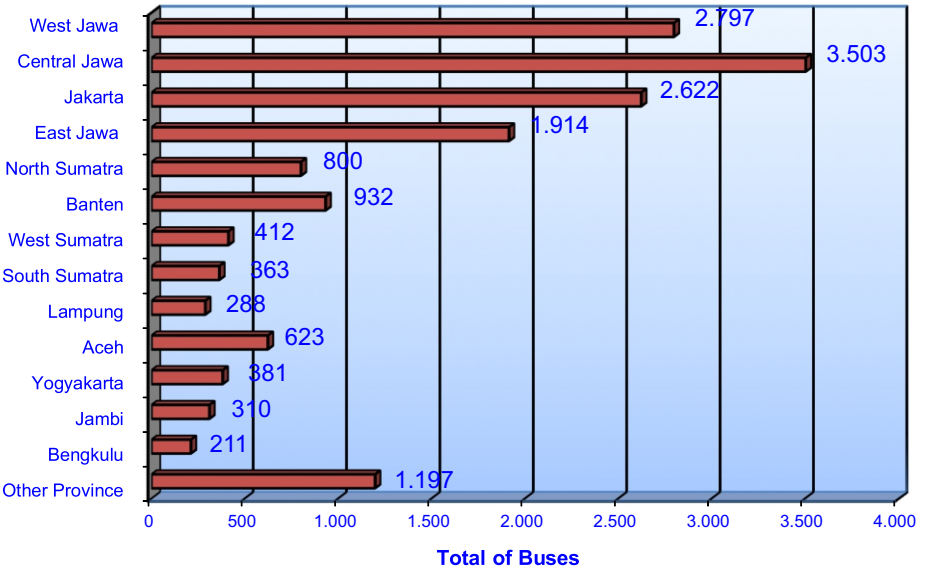
YEARS	Inter City Inter Province Buses		Tour Buses		Total of Buses	Growth Total of Buses (%)
	Company	Bus (unit)	Company	Bus (unit)		
2014	926	22.544	1.422	19.841	42.385	2,91
2015	934	23.464	1.480	21.277	44.741	5,56
2016	843	22.742	1.574	22.971	45.713	2,17
2017	576	16.238	1.653	24.524	40.762	-10,83
2018	612	16.353	1.666	24.679	41.032	0,66

Source : Directorate General of Land Transportation, 2018

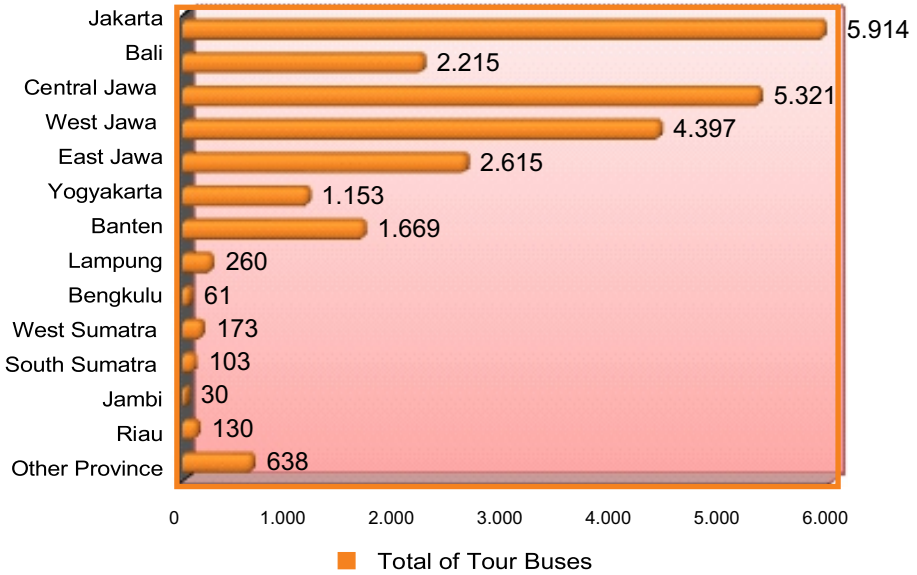
A. LAND TRANSPORTATION

2. Road Transport Modal

b. The Distribution of Intercity Coach Bus Services by Province, 2018



Source : Directorate General of Land Transportation, 2018

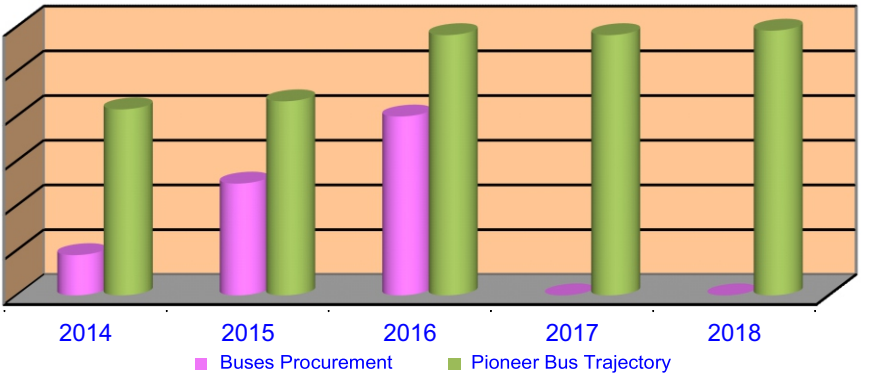


Source : Directorate General of Land Transportation, 2018

A. LAND TRANSPORTATION

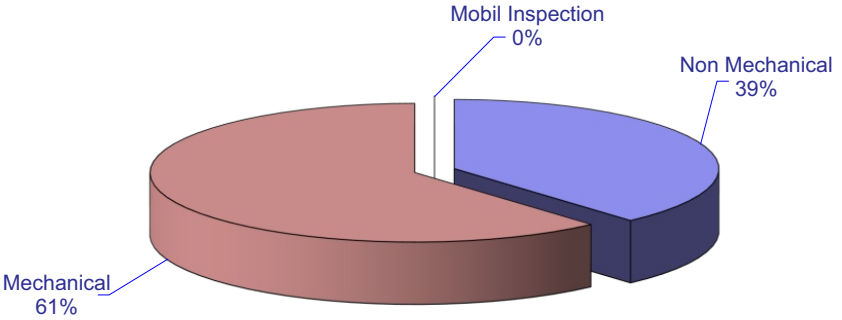
2. Road Transport Modal

d. Annual Procurement of Bus and Pioneering Bus Services, 2014 - 2018



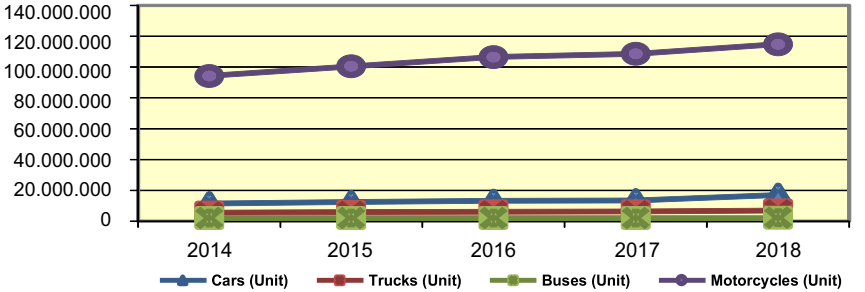
YEARS	2014	2015	2016	2017	2018	Total
Buses Procurement	45	125	200	0	0	370
Pioneer Bus Trajectory	208	217	291	291	296	1303

Source : Directorate General of Land Transportation, 2018



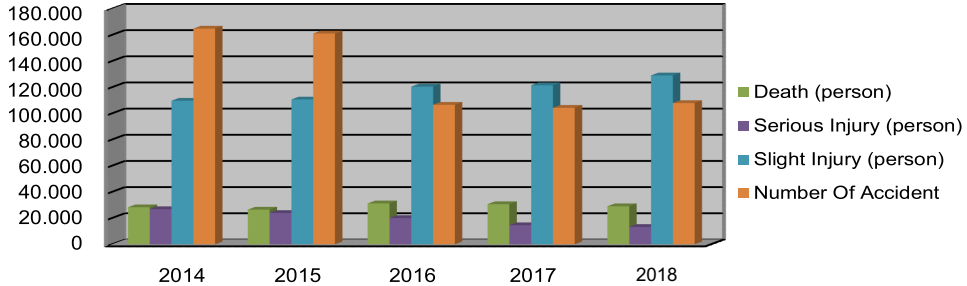
Equipment	Non Mechanical	Mechanical	Mobil Inspection	Total
Number (unit)	196	313	0	509

Source : Directorate General of Land Transportation, 2018



YEARS	2014	2015	2016	2017	2018	Growt Rate
Cars (Unit)	11.561.123	12.424.358	13.278.197	13.589.328	17.072.358	10,58
Truks (Unit)	5.570.987	5.907.169	6.248.771	6.368.534	6.888.693	5,48
Buses (Unit)	1.979.848	1.998.032	2.003.187	2.010.113	2.039.037	0,74
Motorcycles (Unit)	94.243.031	100.457.355	106.538.948	108.594.712	114.785.638	5,07

Source : Directorate General of Land Transportation, 2018



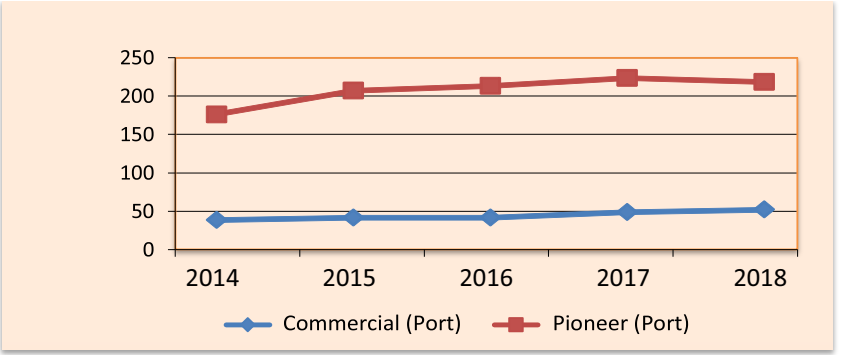
YEARS	2014	2015	2016	2017	2018
Death (Person)	28.297	26.495	31.262	30.694	29.083
Serious Injury (Person)	26.840	23.937	20.075	14.559	13.258
Slight Injury (person)	109.741	110.714	120.532	121.575	129.095
Number of Accident	**164.878**	**161.146**	**106.644**	**104.327**	**107.968**

Source : Indonesian National Police, 2017

B.INLAND WATER AND FERRY TRANSPORT

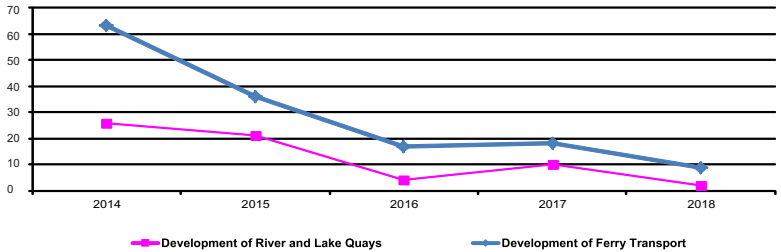
1. Inland Water and Ferry Transport Infrastructure

a. Annual Number of Commercial and Pioneering Ferry Transport Lines, 2014 - 2018



YEARS	2014	2015	2016	2017	2018
Commercial (Port)	48	51	51	58	61
Pioneer (Port)	181	211	217	227	222
Total (Port)	**229**	**262**	**268**	**285**	**283**

Source : Directorate General of Land Transportation, 2018



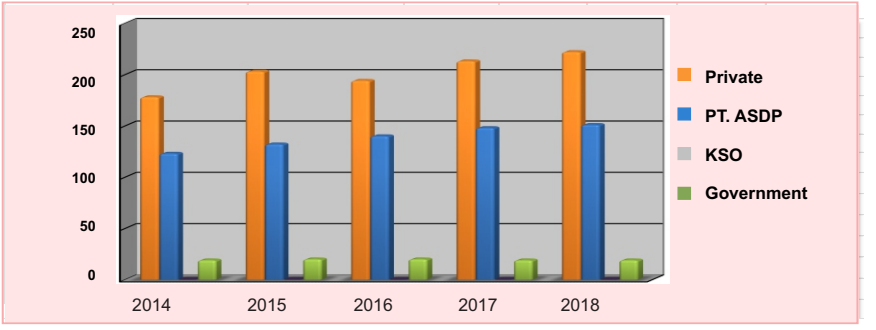
Kegiatan	2014	2015	2016	2017	2018
Development of River and Lake Quays	Part I River = 9 Lake = 2	Part I River = 9 Danau = 0	Part I River = 0 Danau = 1	Part I River = 0 Danau = 2	Part I River = 1 Danau = 1
	Completion Part River= 14 Lake = 1	Completion Part River = 9 Lake = 3	Completion Part River = 2 Lake = 1	Completion Part River = 7 Lake = 2	Completion Part River = 0 Lake = 6
Reconstruction of River and Lake Quays	River = 11 Lake = 9	River = 16 Lake = 7	River = 3 Lake = 0	River = 2 Lake = 4	Sungai = 0 Lake = 1
Development of Ferry Transport	Part I = 11 Completion Part =52	Part I = 8 Completion Part =28	Part I = 1 Completion Part =16	Part I = 2 Completion Part =16	Part I = 0 Completion Part = 0
Reconstruction of Ferry Transport	15	37	4	4	0

Source : Directorate General of Land Transportation, 2018

B. INLAND WATER AND FERRY TRANSPORT

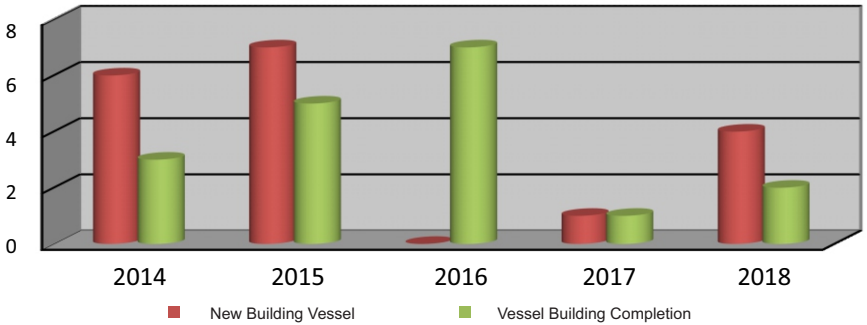
2 . Inland Water and Ferry Transport Boat

a . Annual Number of Ferry Boats by Ownership, 2014 - 2018



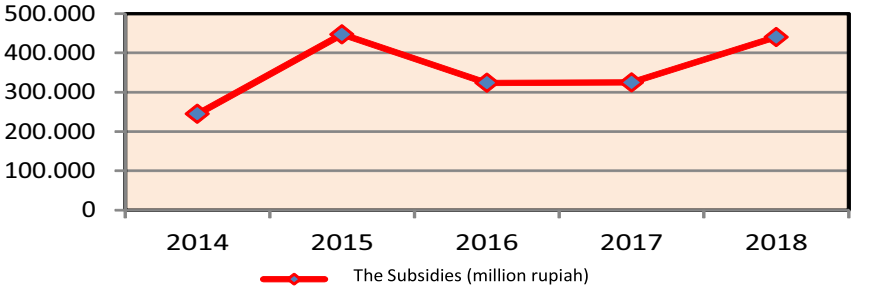
Ownership	2014	2015	2016	2017	2018
Private	178	203	194	213	222
PT. ASDP	123	132	140	148	151
KSO	0	0	0	0	0
Government	19	20	20	19	19
Total	320	354	354	380	392
Growth (%)	4,58	-0,28	-0,28	7,34	3,16

Source : Directorate General of Land Transportation, 2018



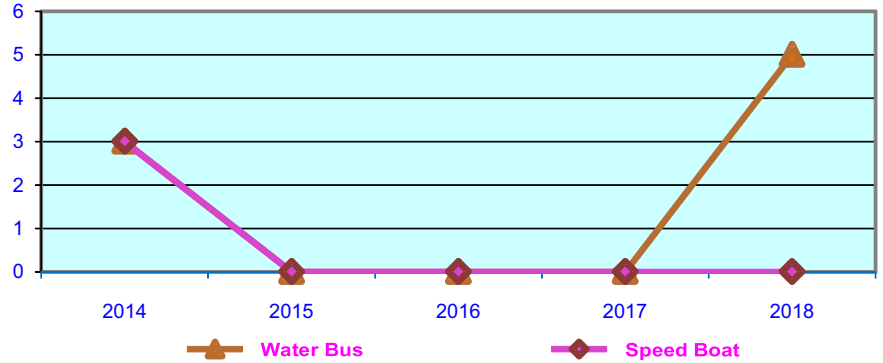
Years	2014	2015	2016	2017	2018	Total
New Building Vessel	6	7	0	1	4	**18**
Vessel Building Completion	3	5	7	1	2	**18**
Total of New Building Vessel and Vessel	9	12	7	2	6	**36**
Building Completion Growth (%)	-35,71	33,33	-41,67	-71,43	200,00	

Source : Directorate General of Land Transportation, 2018



Years	2014	2015	2016	2017	2018
Number of Pioneer Ferry Transport	181	211	211	227	222
Total Frequensy Of Ferry Transport (Trip)	30.184	36.904	45.648	48.981	34.406
The Subsidies (million rupiah)	244.678	447.143	323.679	324.824	440.569
Growth (%)	-17,81	82,75	-27,61	0,35	35,63

Source : Directorate General of Land Transportation, 2018

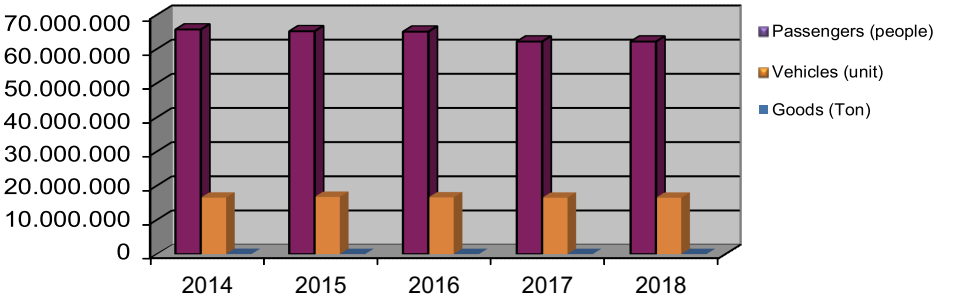


Years	2014	2015	2016	2017	2018	Total
Water Bus	3	0	0	0	5	8
Speed Boat	3	0	0	0	0	3

Source : Directorate General of Land Transportation, 2018

B. INLAND WATER AND FERRY TRANSPORT

3. Annual Number of Transported Passengers, Goods and Vehicles, 2014 - 2018



Description	2014	2015	2016	2017	2018
Passengers (people)	65.736.343	65.220.965	65.105.614	62.202.683	63.114.764
Growth (%)	6,66	-0,78	-0,18	-4,46	1,47
Goods (Ton)	34.054	0	0	0	0
Growth (%)	-	-100,00	-	-	-
Vehicles (unit)	7.942.768				
Growth (%)	3,27	16.733.466	16.577.223	16.507.133	17.291.679
Motorcycles (unit)	8.563.900				
Growth (%)	14,06	1,37	-0,93	-0,42	4,75

Source : Directorate General of Land Transportation, 2018

RAILWAYS


JAKARTA
1500 JAKARTA
1 500 JAKARTA
1 500 JAKARTA
1

RAILWAYS





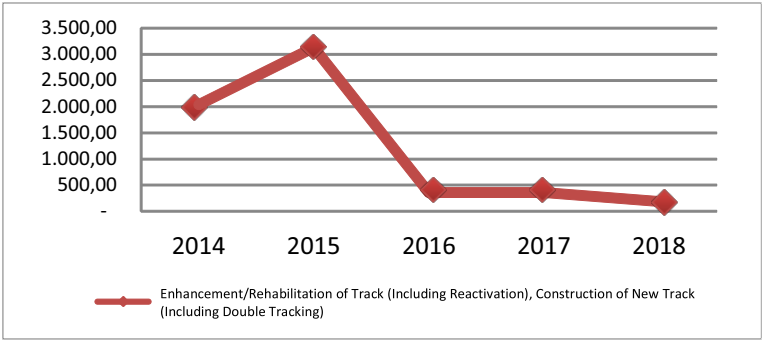
EXCISTING RAIKWAYS NETWORK IN JAWA, MADURA, SUMATERA AND SULAWESI 8545,09 KM	Operation 6061,63 Km	SUMATERA 1.872,78 Km	Wilayah NAD	:	36,90 Km
			Wilayah Sumatera Bagian Utara	:	761,66 Km
			Wilayah Sumatera Bgian Barat	:	254,67 Km
			Wilayah Sumatera Bagian Selatan	:	819,55 Km
		JAWA 4.131,71 Km	Wilayah JABODETABEK	:	696,47 Km
			Wilayah Jawa Bagian Barat	:	926,23 Km
			Wilayah Jawa Bagian Tengah	:	1524,99 Km
			Wilayah Jawa Bagian Timur	:	995,62 Km
		SULAWESI 45,55 Km			
	Not Operated 2483,46 Km	SUMATERA 620,95 Km			
		JAWA DAN MADURA 1862,51 Km			

Source : Directorate General of Railways, year 2018

C. RAILWAYS TRANSPORTATION

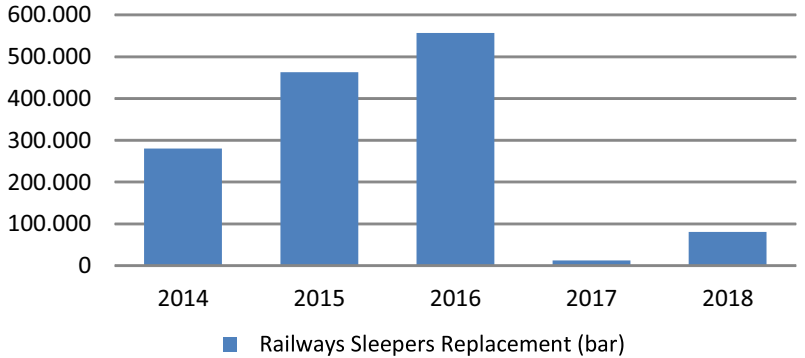
1. Railway Infrastructure

b. Cumulative Groth of Constructed and Rehabilitated Railways, 2014 - 2018



Unit		2014	2015	2016	2017	2018	Total
Enhancement/Rehabilitation of Track (Including Reactivation), Construction of New Track (Including Double Tracking)	Km	3.131,40	356,71	356,76	187,83	399,53	10.958,30
Growth	%	17,93	-88,61	0,01	-47,35	112,71	-

Source : Directorate General of Railways, year 2018



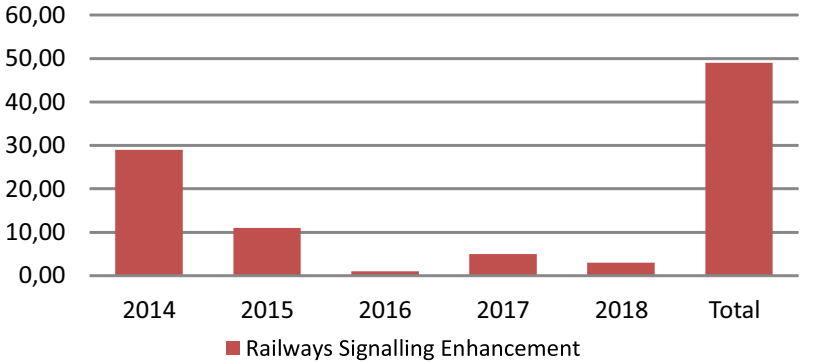
Years	Unit	2014	2015	2016	2017	2018	Total
Railways Sleepers Replacement (bar)	Batang	280.000	462.800	557.300	12.132	80.468	**1.392.700**
Growth (%)	Batang	300,26	65,29	20,42	-97,82	563,27	**170,28**

Source : Directorate General of Railways, year 2018

C. RAILWAYS TRANSPORTATION

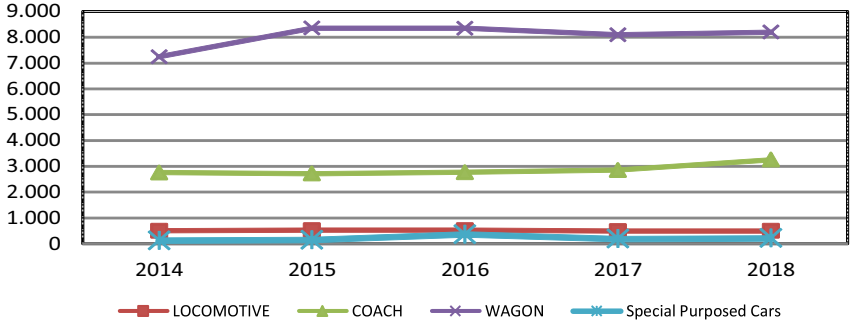
1. Railway Infrastructure

d. Annual Number of Railways Signaling Increment, 2014 - 2018



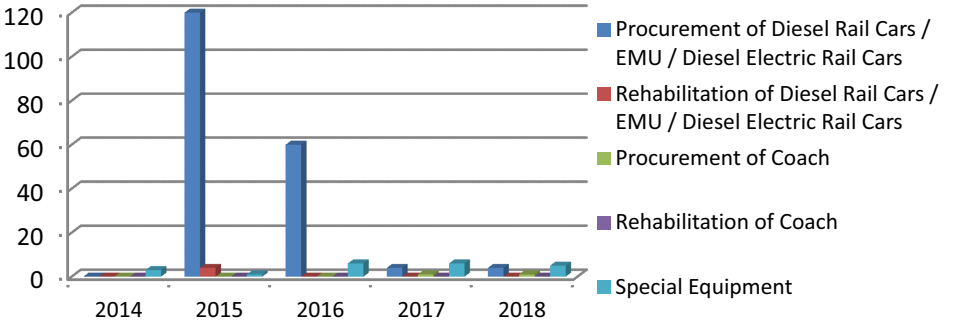
Years	Unit	2014	2015	2016	2017	2018	Total	Growth Rate (%)
Railways Signalling	Packet	29,00	11,00	1,00	5,00	3,00	49	30,47%
Growth	%	-54,69	-62,07	-90,91	400,00	-40,00	30	

Source : Directorate General of Railways, year 2018



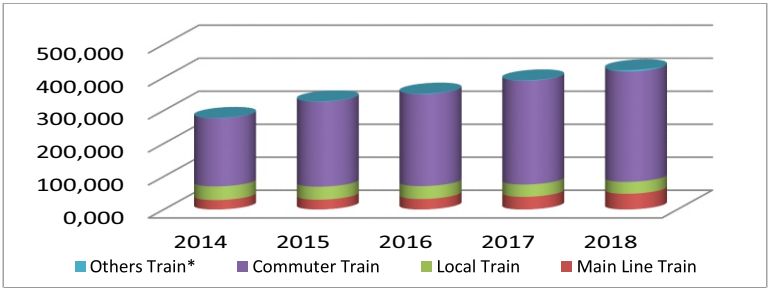
Years	Unit	2014	2015	2016	2017	2018	Total
LOKOMOTIF	Unit	502	525	524	490	496	2.537
COACH	Unit	2.759	2.716	2.772	2.855	3.257	14.359
WAGON	Unit	7.248	8.357	8.347	8.098	8.200	40.250
Purposed Cars	Unit	116	140	357	182	205	1.000

Source : Directorate General of Railways, year 2018



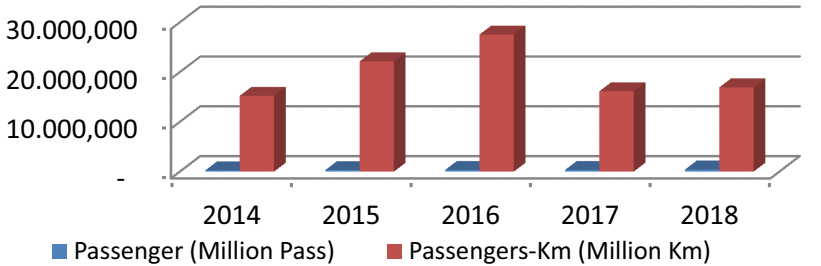
Years	Procurement Diesel Rail Cars/EMU /Diesel/Electric Rail Cars	Rehabilitation of Diesel Rail Cars/EMU /Diesel/Electric Rail Cars	Procurement of Coach	Rehabilitation of Coach	Special Equipment
2014	0	0	0	0	3
2015	120	4	0	0	1
2016	60	0	0	0	6
2017	4	0	1	0	6
2018	0	0	0	0	5

Source : Directorate General of Railways, year 2018



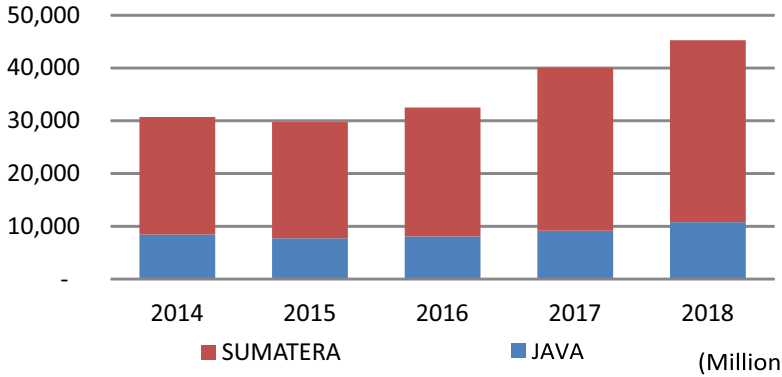
Type	2014	2015	2016	2017	2018
Main Line Train	28,569	29,654	31,850	38,311	47,553
Local Train	41,359	39,424	39,026	37,400	36,136
Commuter Train	206,812	257,532	279,097	314,317	334,487
Others Train*	0,942	1,110	1,264	1,408	4,156
Total	277,683	327,720	351,237	391,436	422,332

Source : Directorate General of Railways, year 2018



Years	Passenger (Million Pass)	Passengers-Km (Million Km)
2014	277,683	15.231
2015	327,841	22.152
2016	358,075	27.548
2017	360,176	16.158
2018	422,332	16.932
Growth		6,03%

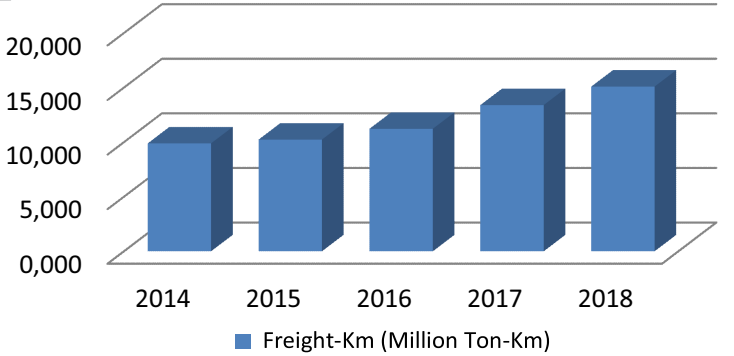
Source : Directorate General of Railways, year 2018



(Million ton)

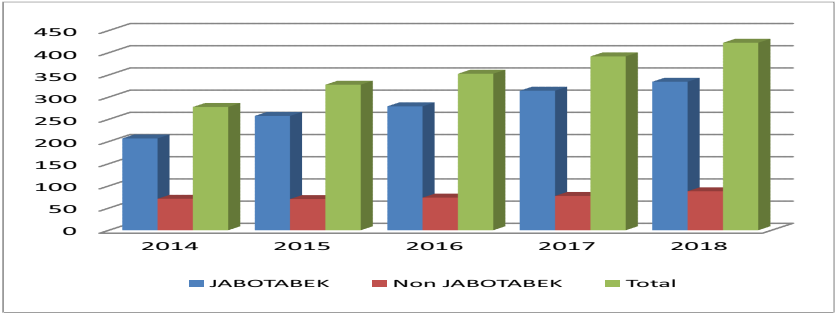
Years	2014	2015	2016	2017	2018
JAVA	8,429	7,690	8,039	9,134	10,727
SUMATERA	22,256	22,028	24,455	30,927	34,536
Total	30,685	29,717	32,494	40,061	45,263

Source : Directorate General of Railways, year 2018



Years	Freight-Km (Million Ton-Km)	Growth (%)
2014	9,887	20,47%
2015	10,234	3,51%
2016	11,223	9,67%
2017	13,396	19,36%
2018	15,090	12,65%

Source : Directorate General of Railways, year 2018

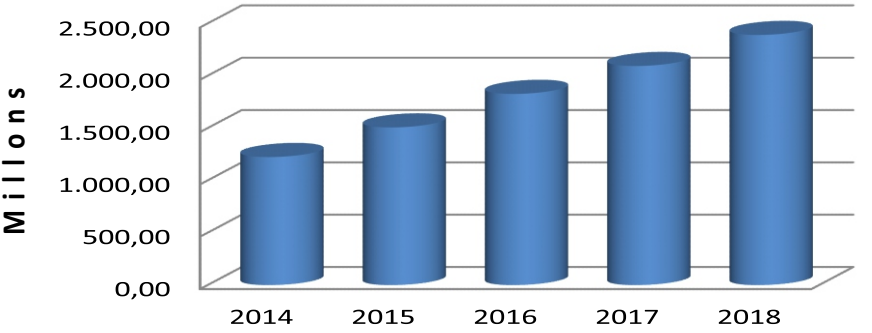


Type	Number of Passenger (Million)				
Years	2014	2015	2016	2017	2018
JABOTABEK	206,812	257,532	279,097	314,317	334,487
Non JABOTABEK	70,871	70,310	73,465	77,307	87,845
Total	277,683	327,842	352,562	391,624	422,332
Growth	25,98%	18,06%	7,54%	11,08%	7,84%
Percentage JABOTABEK With Total	74,48%	78,55%	79,16%	80,26%	79,20%

Source : Directorate General of Railways, year 2018

C. RAILWAYS TRANSPORTATION

4 . Public Services Obligation (PSO) Subsidy Realization
2014 - 2018



Years	2014	2015	2016	2017	2018
Costing	1.224,00	1.507,00	1.827,38	2.094,10	2.390,71
Growth (%)	73,67%	23,12%	21,26%	38,96%	30,83%

Source : Directorate General of Railways, year 2018

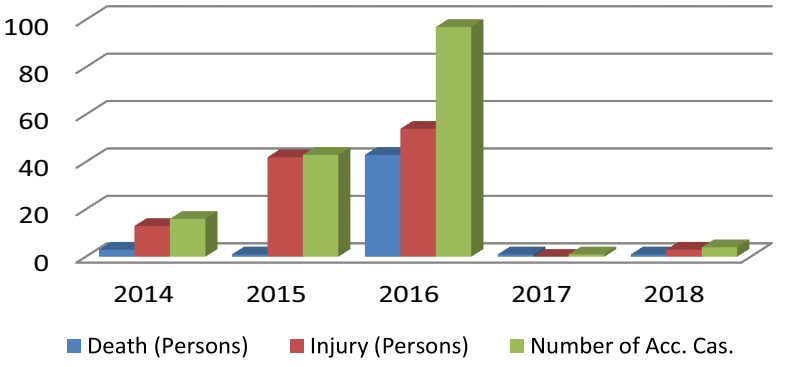
TYPE	YEARS				
PUNCTUALITY	2014	2015	2016	2017	2018
Punctual Pass. Dep. (%)	89	76	65	84	89
Delay Pass. Dep. (mnt)	4	7	12	3	2
Punctual Pass. Arr. (%)	29	41	41	66	76
Delay Pass. Arr. (mnt)	35	16	22	7	5
Punctualy Freight Dep. (%)	46	16	32	37	58
Delay Freight Dep. (mnt)	85	125	110	112	27
Functual Arr. Dep. (%)	34	12	27	27	35
Delay Arr. Dep. (mnt)	140	304	286	251	136
Disturbance Tel. Signal Locomotive Malfunction	2,4	2,34	2	2	2

Source : Directorate General of Railways, year 2018

C. RAILWAYS TRANSPORTATION

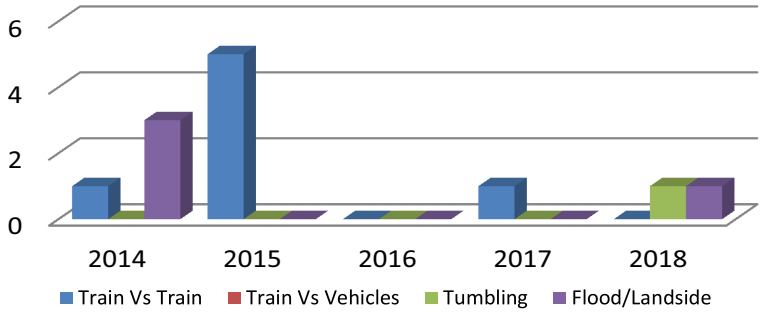
6. Rail Accidents

a. Annual Number of Rail Accidents Casualities, 2014 - 2018



Years	2014	2015	2016	2017	2018
Death (Persons)	3	1	43	1	1
Injury (Persons)	13	42	54	0	3
Number of ACC.Cas	16	43	97	1	4

Source : Directorate General of Railways, year 2018



Years	2014	2015	2016	2017	2018
Train Vs Train	1	5	0	1	0
Derailment	33	68	15	14	14
Tumbling	0	0	0	0	1
Flood/Landside	2	0	0	0	0
Other	3	0	0	0	1

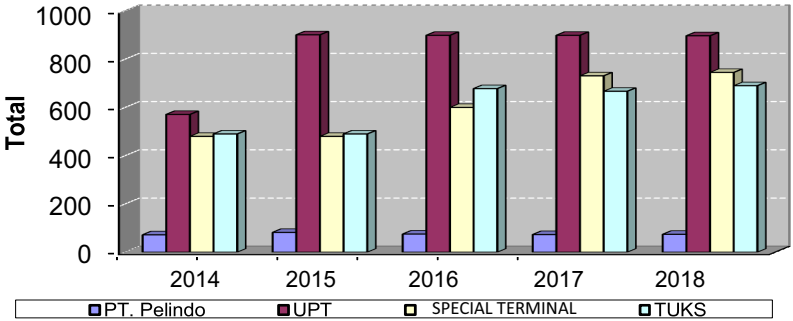
Source : Directorate General of Railways, year 2018

SEA TRANSPORT



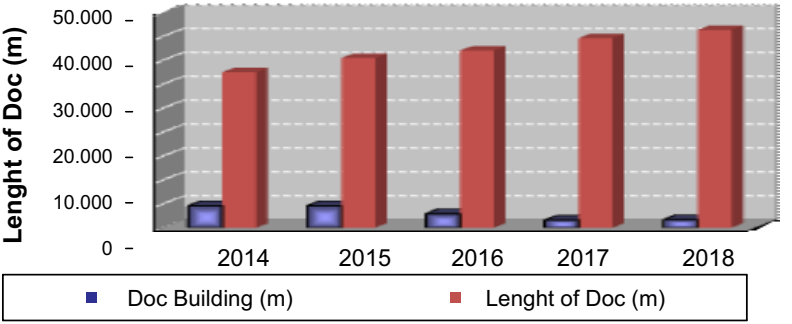
SEA TRANSPORT





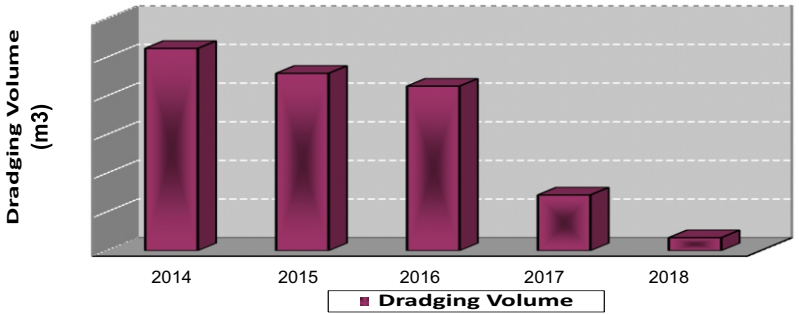
Year	According to The Operator		According to the Manager		Total
	PT. Pelindo	UPT	Special Terminal	TUKS	
2014	111	571	480	490	1652
2015	111	901	480	490	1982
2016	108	899	600	678	2285
2017	96	899	731	667	2393
2018	74	897	745	690	2406

Source : Directorate General of Sea Transportation, 2018



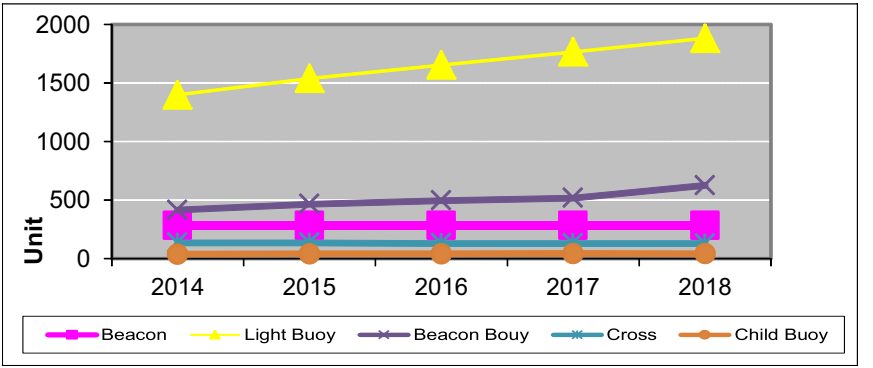
Year	Doc Building (m)	Lenght of Doc (m)	Growth (%)
2014	4.600	32.508	-
2015	4.600	35.445	9,04
2016	2.930	37.005	13,84
2017	1.590	39.629	21,91
2018	1.684	41.313	27,09

Source : Directorate General of Sea Transportation, 2018



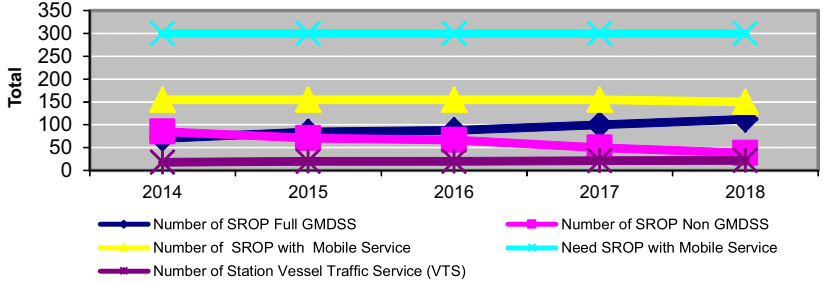
Years	Dradging Volume (m3)	Growth (%)
2014	10.464.197	18,05
2015	9.175.377	-12,32
2016	8.511.308	-18,66
2017	2.882.449	-72,45
2018	673.077	-92,66
Total	50.750.117	

Source : Directorate General of Sea Transportation, 2018



Year	Beacon	Light Buoy	Beacon Buoy	Cross	Child Buoy	Total	Growth (%)
2014	282	1.399	415	135	38	2269	3,89
2015	282	1.540	466	135	40	2463	8,55
2016	284	1.655	495	129	40	2603	5,68
2017	284	1.767	517	130	43	2741	5,30
2018	284	1.882	626	128	42	2962	8,06

Source : Directorate General of Sea Transportation, 2018



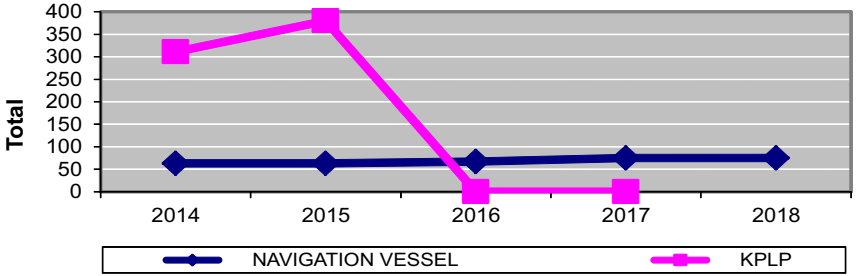
Year	Number of SROP Full GMDSS and Non GMDSS	Number of SROP Full GMDSS	Number of SROP Non GMDSS	Number of SROP with Mobile Service	Need of SROP with GMDSS	Need SROP with Mobile Service	Number of Station Vessel Traffic Service (VTS)
2014	155	70	85	155	84	300	18
2015	155	84	71	155	105	300	20
2016	155	88	67	155	105	300	20
2017	150	100	50	155	105	300	21
2018	150	112	38	150	150	300	22

Source : Directorate General of Sea Transportation, 2018

D. MARINE TRANSPORTATION

1. Marine Port and Infrastructure

f. Annual Number of State -Owned Vessels, 2014 - 2018



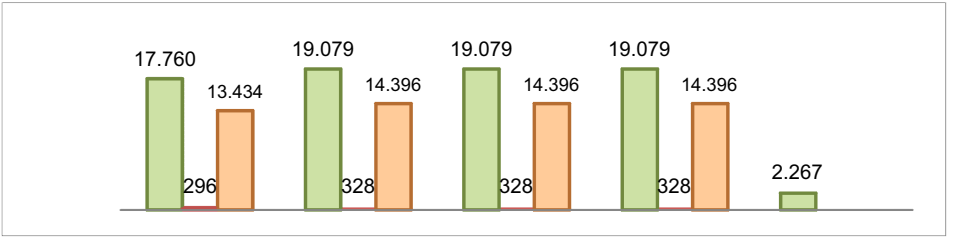
YEARS	NAVIGATION VESSEL	KPLP	Total	GROWTH (%)
2014	63	311	374	-
2015	63	380	443	18,45
2016	67	-	67	-84,88
2017	75	-	75	11,94
2018	75		75	0,00

Source : Directorate General of Sea Transportation, 2018

D. MARINE TRANSPORTATION

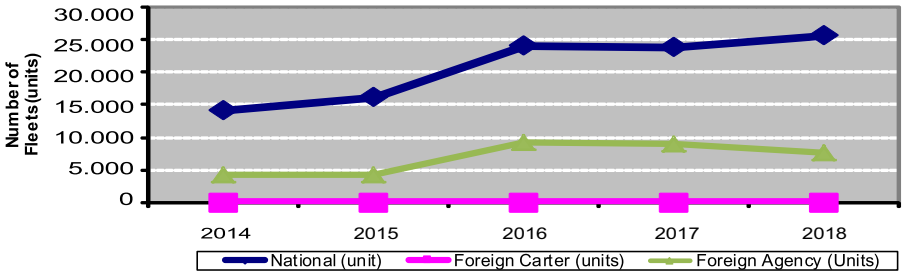
2. Marine Vessel

a. Number of Ships with Indonesian Flag, 2014 - 2018



NO.	DESCRIBE	UNIT	YEARS				
			2014	2015	2016	2017	2018
1.	Kapal Barang	Unit	19.079	1.114	25.027	2.267	33.712
	(Cargo Vessel)	Total GT	23.761.312	1.789.235	31.932.077	4.790.940	39.151.864
2	Kapal Penumpang	Unit	328	146	1.620	281	2.602
	(Passenger Vessel)	Total GT.	390.961	73.600	1.243.799	299.862	1.986.071
3	Kapal Ikan	Unit	14.396	1.301	20.548	5.155	35.322
	(Fishing Vessel)	Total GT.	1.209.975	53.917	1.607.705	230.992	2.235.197
TOTAL		Unit	33.803	2.561	47.195	7.703	71.636
		Total GT.	25.362.248	1.916.752	34.783.581	5.321.794	43.373.132

Source : Directorate General of Sea Transportation, 2018



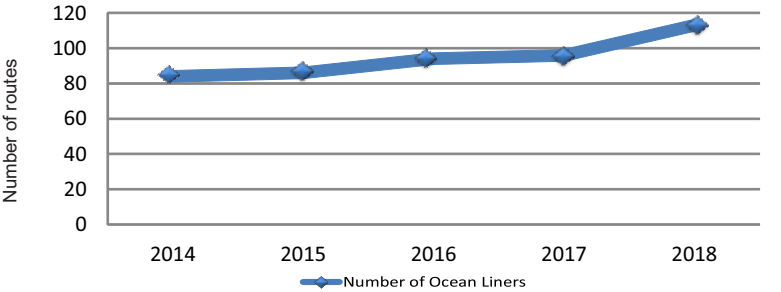
Year	Fleets			Number of Fleets (units)	Growth (%)	
	National (unit)	Foreign Carter (units)	Foreign Agency (Units)		National Fleets	Fleet of Foreign
2014	14.156	84	4.320	18.560	20,06	-
2015	16.142	86	4.284	20.512	36,90	2,38
2016	24.046	94	9.191	33.331	103,94	9,30
2017	23.823	96	9.122	33.041	102,04	2,13
2018	25.559	113	7.612	33.284	94,81	17,71

Source : Directorate General of Sea Transportation, 2018

D. MARINE TRANSPORTATION

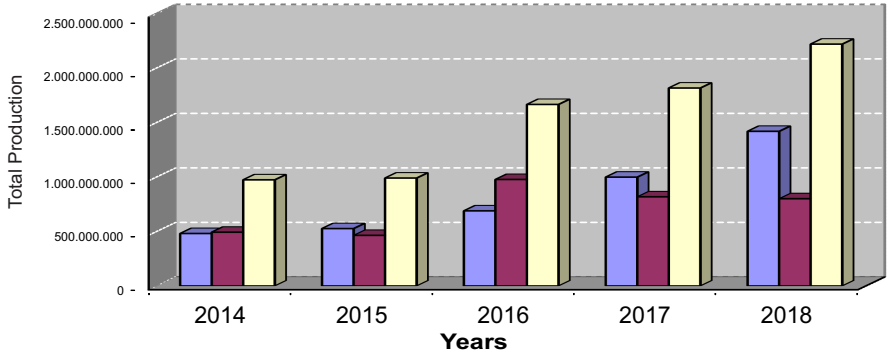
3. Marine Transport Productivity

a. Cumulative Growth of Pioneering Marine Transport Services 2014 - 2018



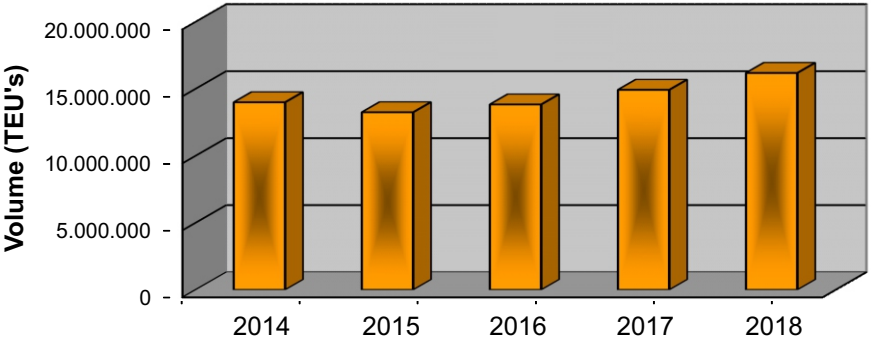
Year	Number of Ocean Liners	Growth (%)
2014	84	-
2015	86	2,38
2016	94	9,30
2017	96	2,13
2018	113	17,71

Source : Directorate General of Sea Transportation, 2018



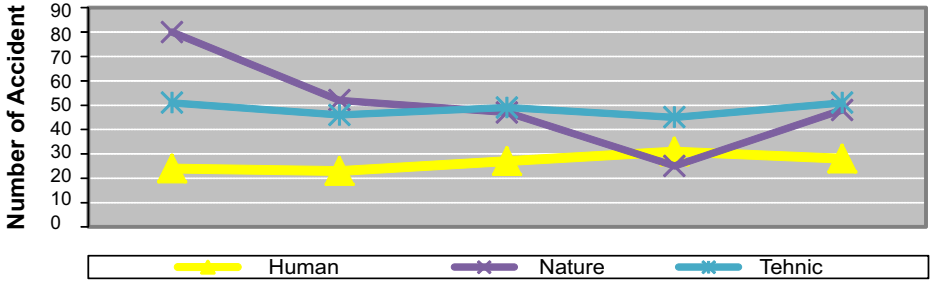
Year	National	Foreign	Total Domestic	National	Foreign	Total Foreign	Domestic & Foreign (Ton)	Growth (%)
2014	408.552.545	71.943.419	480.495.964	53.730	492.414.579	492.468.309	972.964.273	-
2015	450.239.087	75.597.148	525.836.235	45.028	463.339.447	463.384.475	989.220.710	1,67
2016	621.011.908	67.237.840	688.249.748	-	976.200.743	976.200.743	1.664.450.491	68,26
2017	965.129.753	32.827.422	997.957.175	-	817.366.911	817.366.911	1.815.324.086	9,06
2018	1.386.609.508	31.386.549	1.417.996.057	-	799.900.741	799.900.741	2.217.896.798	22,18

Source : Directorate General of Sea Transportation, 2018



Years	Volume (TEU's)	Growth (%)
2014	13.994.398	-
2015	13.249.312	-5,32
2016	13.832.422	4,40
2017	14.924.755	7,90
2018	16.183.955	8,44

Source : Directorate General of Sea Transportation, 2018



Year	Accause Factor			Number of Accident	Decreased of Accident Level (%)	Number of death	Decrease of Victims Level (%)
	Human	Nature	Technic				
2014	23	52	46	121	-	150	-
2015	27	47	49	123	1,65	138	-8,00
2016	31	25	45	101	-17,89	177	28,26
2017	28	48	51	127	25,74	88	-50,28
2018	24	54	43	121	-4,72	118	34,09

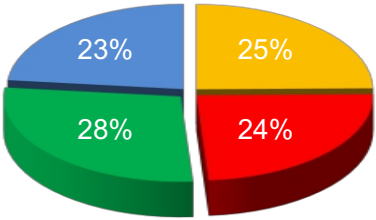
Source : Directorate General of Sea Transportation, 2017

CIVIL AVIATION



CIVIL AVIATION





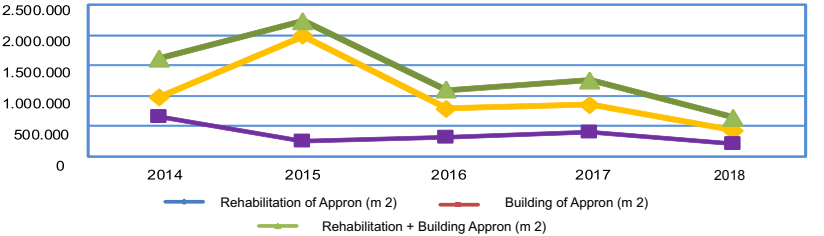
Lenght of Apron (m)	Type of Aircraft	Number of Airport
1A/1B	C212, DHC Twin Otter	66
2B/2C/2D	ATR 42, Xian M 60, Dash 8	64
3C/3D	B737, F100, Bae146, ATR 72, F50	74
4C/4D/4E/4F	B747, B777, B767, B737, A320, A330	62
TOTAL		266

Source : Directorate General of Civil Aviation, 2018

E. CIVIL AVIATION TRANSPORTATION

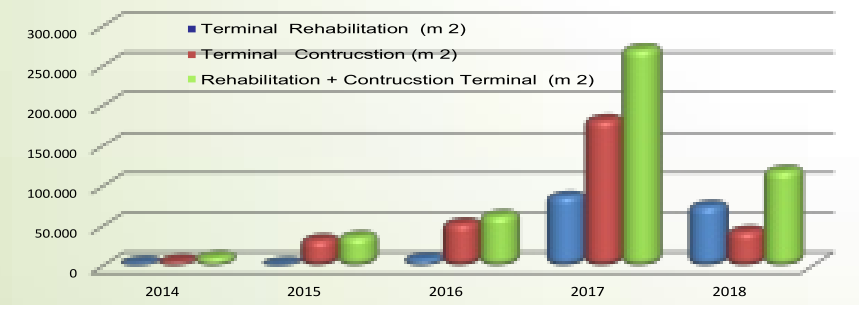
1. Airport

b. Annual Number of Runway Construction, 2014 - 2018



Year	Rehabilitation of Appron (m 2)	Buildingf of Appron (m 2)	Rehabilitation + Building Appron (m 2)	Growth
2014	976.967	644.361	1.621.328	-
2015	1.992.696	247.131	2.239.827	38,15
2016	782.618	311.050	1.093.668	-51,17
2076	852.295	403.173	1.255.468	14,79
2018	426.633	206.940	633.573	-49,53
TOTAL	5.031.209	1.812.655	6.843.864	-

Source : Directorate General of Civil Aviation, 2018



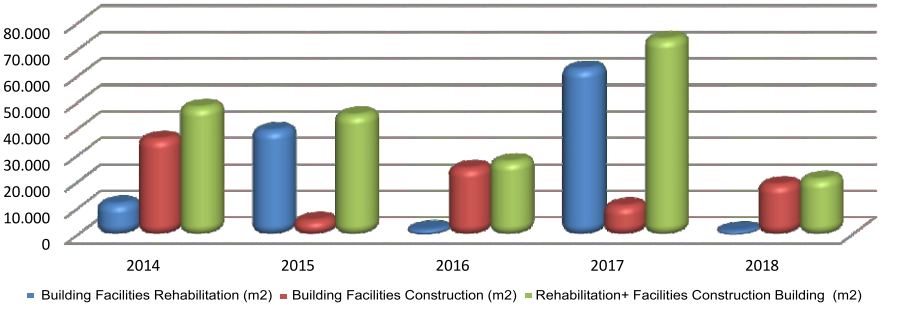
Year	Terminal Rehabilitation (m 2)	Terminal Contrucstion (m 2)	Rehabilitation + Contrucstion Terminal (m ²)	% Growth
2014	5.028	7.106	12.134	-
2015	3.720	34.100	37.820	211,69
2016	9.664	53.990	63.654	68,31
2017	87.936	183.551	271.487	326,50
2018	75.333	44.423	119.756	-55,89
T O T A L	**181.681**	**323.170**	**504.851**	-

Source : Directorate General of Civil Aviation, 2018

E. CIVIL AVIATION TRANSPORTATION

1. **Airport**

d. Annual Number of Airport Building Construction, 2014 - 2018



Year	Building Facilities	Building Facilities	Rehabilitation+ Facilities Construction Building (m2)	%Growth
2014	12.029	36.526	48.555	-
2015	39.801	5.839	45.640	-6,00
2016	2.500	25.498	27.998	-38,65
2017	63.057	11.264	74.321	165,45
2018	2.039	19.349	21.388	-71,22
T O T A L	**119.426**	**98.476**	**217.902**	-

Source : Directorate General of Civil Aviation, 2018

1. HF
   - Ground to Ground / Point To Point (Intra of Airport) 219 unit
   - Air - Ground
     - R DARA (Regional Domestic Air Route Area) there are 14 unit
     - MWARA (Major World Air Route Area), there are 2 unit

2. VHF — Air - Ground
   - AFIS (Aerodrome Flight Service), 209 Locations
   - TWR (Aerodrome Control Tower), 66 locations
   - APP (Approach Control), 86 locations
   - ACC (Area Control Centre), 2 locations Services - JATSS and MATSC with equipment : VHF Extended Range (ER) in 124 unit
   - VHF Portable, 323 Unit (Services for airports with statue unattended aerodrome)

3. AFTN (Aeronautical Fixed Telecomunication Network) untuk hubungan point to point (data)
   a. AFTN Message Switching System (AMSS / AMSC) in 44 Unit
      Teleprinter 40 unit
   b. AFTN Point to Point 45 Lokasi

According with table 3.5.01

Source : Directorate General of Civil Aviation, 2018

AIDS AIR NAVIGATION

1. NDB (Non Directional Beacon), installed in 166 Unit
2. DVOR (Doppler VHF Omnidirectional Range) installed in 87 Unit and
3. DME (Distance Measuring Equipment) installed in 95 Unit
4. ILS (Instrument Landing System),installed in 45 Unit

OBSERVATION

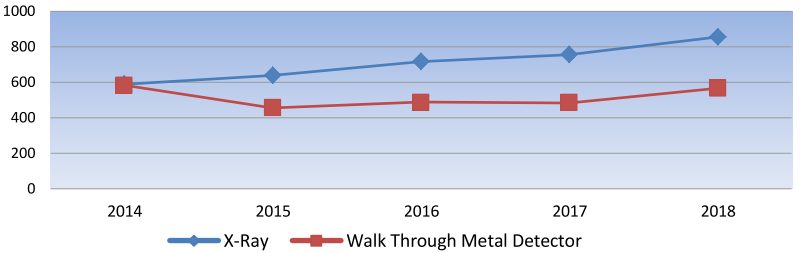
1. PSR (Primary Surveilance Radar), installed in 3 unit
2. SSR (Secondary Surveilance Radar), installed in 1 unit
3. MSSR (Monopulse Secondary Surveilance Radar)installed in 2 unit
4. MSSR Mode-S installed in 29 unit

Source : Directorate General of Civil Aviation, 2018



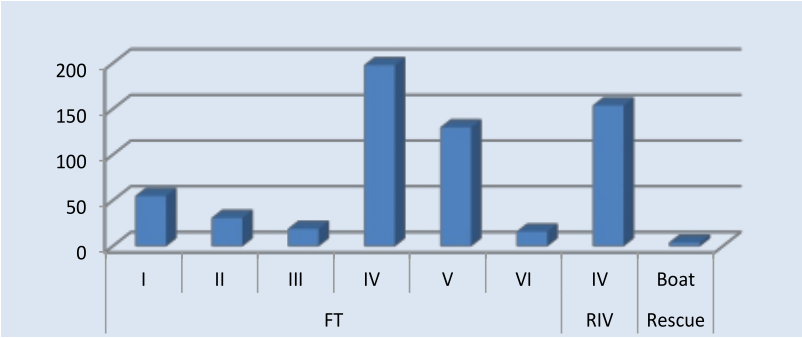
CNS/ ATM	Existing	future
Comunication	HF, VHF, AFTN	HF/VHF (Data & Voice), SATCOM
Navigation	NDB, DVOR/DME, ILS, ALS	GNS S
Observation	PSR, SSR, MSSR MODE 5	1. ADS (AUTOMATIC DEPENDENT SURVELIANCE) 2. WAM, used inflight 3. ASMGCS include of a. MLAT (Multilateration), local b. SMR (PSR X BAND)
Air Traffic Management	-	Air Trafific Management

Source : Directorate General of Civil Aviation, 2018



Year	2014	2015	2016	2017	2018
X-Ray	588	638	715	755	855
% Pertumbuhan	-	8,50	12,07	5,59	13,25
Walk Through Metal Detector	581	455	485	484	564
% Growth	-	-21,69	6,59	-0,21	16,53

Source : Directorate General of Civil Aviation, 2018



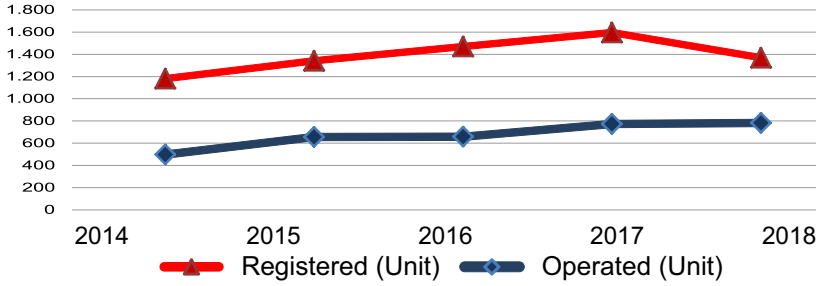
Description	Type of Vehicles							
	FT						RIV	Rescue Boat
	I	II	III	IV	V	VI	IV	
Availability	55	31	19	198	130	16	154	4

Source : Directorate General of Civil Aviation, 2018

E. CIVIL AVIATION TRANSPORTATION

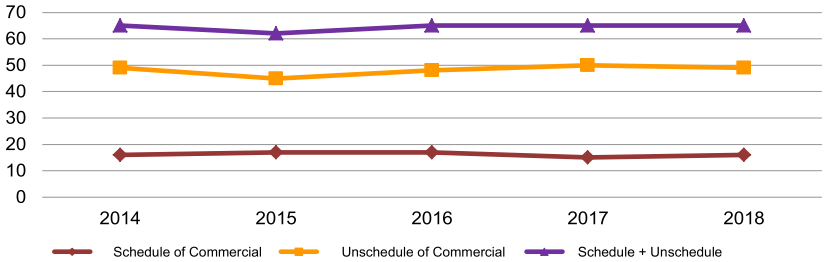
4. Aircraft

a. Annual Number of Registered and Operated Aircraft, 2014 - 2018



Year	Registered (Unit)	Oprerated (Unit)	Operated Growth	Operated VS Registered (%)
2014	1.455	1.074	-	-
2015	1.544	1.162	8,19	75,26
2016	1.616	1.163	0,09	71,97
2017	1.687	1.227	5,50	72,73
2018	1.560	1.232	0,41	78,97

Source : Directorate General of Civil Aviation, 2018



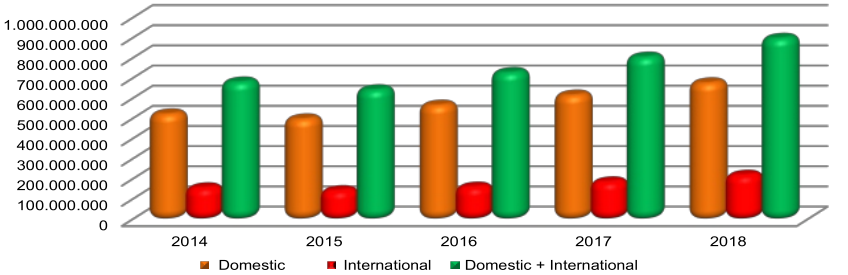
Year	Schedule of Commercial	% Growth	Unschedule of Commercial	%Growth	Schedule + Unschedule	% Growth
2014	16	-	49	-	65	-
2015	17	6,25	45	-8,16	62	6,90
2016	17	0,00	48	6,67	65	4,84
2017	15	-11,76	50	4,17	65	4,84
2018	16	6,67	49	-2,00	65	0,00

Source : Directorate General of Civil Aviation, 2018

E. CIVIL AVIATION TRANSPORTATION

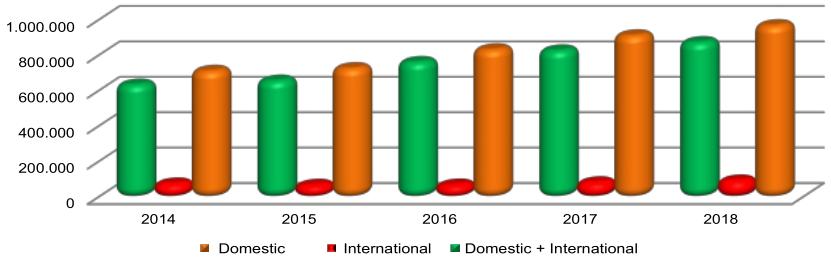
5. National Scheduled Commercial Aviation Productivity

a. Annual Number of Flight-Km Productivity, 2014 - 2018



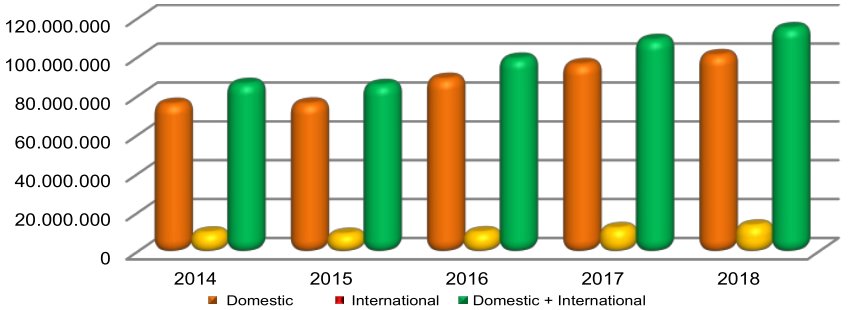
Year	Aircraft Productivity - KM			% Growth		
	Domestic	International	Domestic + International	Domestic	International	Domestic + International
2014	524.978.000	158.434.000	683.412.000	-	-	-
2015	500.322.000	144.604.000	644.926.000	-4,70	-8,73	-5,63
2016	568.623.000	161.986.000	730.609.000	13,65	12,02	13,29
2017	618.775.000	188.253.000	807.028.000	8,82	16,22	10,46
2018	679.530.000	220.964.000	900.494.000	9,82	17,38	11,58

Source : Directorate General of Civil Aviation, 2018



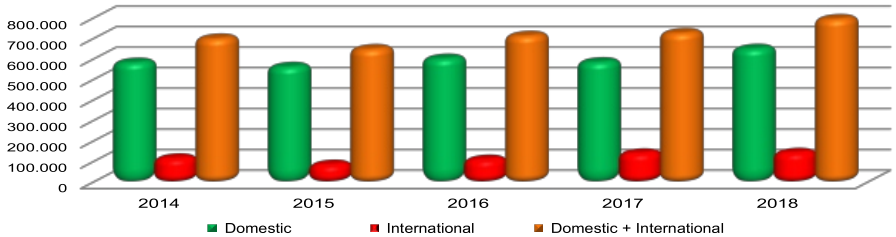
Year	Departure Productivity			% Growth		
	Domestic	International	Domestic + International	Domestic	International	Domestic + International
2014	636.462	77.972	714.434	-	-	-
2015	659.091	70.357	729.448	3,56	-9,77	2,10
2016	763.980	71.487	835.467	15,91	1,61	14,53
2017	829.615	85.072	914.687	8,59	19,00	9,48
2018	876.475	95.291	971.766	5,65	12,01	6,24

Source : Directorate General of Civil Aviation, 2018



Year	Passenger Productivity			% Growth		
	Domestic	International	Domestic + International	Domestic	International	Domestic + International
2014	76.498.400	10.252.461	86.750.861	-	-	-
2015	76.628.867	9.533.906	86.162.773	0,17	-7,01	-0,68
2016	89.358.365	10.377.246	99.735.611	16,61	8,85	15,75
2017	96.890.644	12.494.442	109.385.086	8,43	20,40	9,68
2018	101.561.045	13.857.320	115.418.365	4,82	10,91	5,52

Source : Directorate General of Civil Aviation, 2018



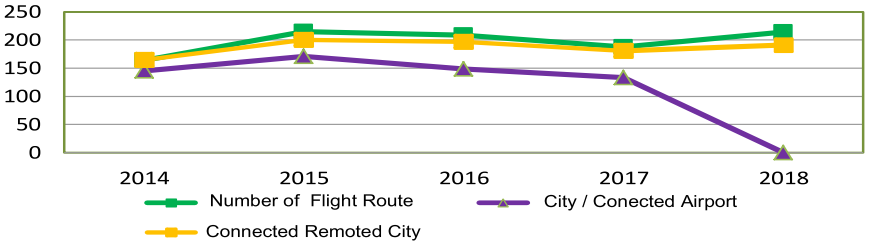
Year	Cargo Productivity			% Growth		
	Domestic	International	Domestic + International	Domestic	International	Domestic + International
2014	584.571	117.902	702.473	-	-	-
2015	564.048	87.067	651.115	-3,51	-26,15	-7,31
2016	604.209	111.595	715.804	7,12	28,17	9,94
2017	587.017	142.177	729.194	-2,85	27,40	1,87
2018	652.353	144.921	797.274	11,13	1,93	9,34

Source : Directorate General of Civil Aviation, 2018

E. CIVIL AVIATION TRANSPORTATION

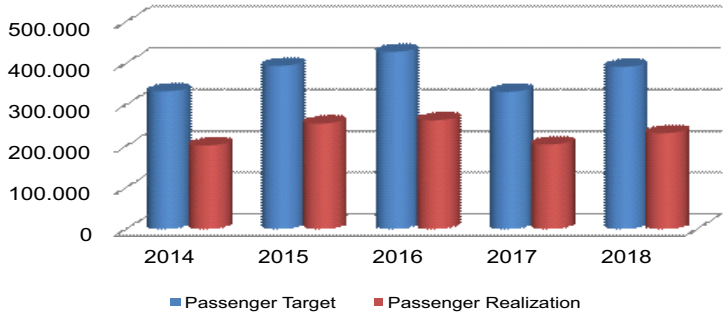
6. Pioneering Aviations Services

a. Annual Number of Flight Routes and Connected Cities, 2014 - 2018



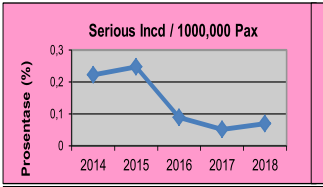
Year	2014	2015	2016	2017	2018
Number of Flight Route	164	215	209	188	214
Connected Remoted City	145	171	149	133	N/A
City / Conected Airport	165	200	197	181	191

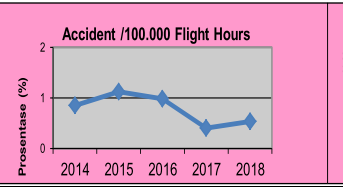
Source : Directorate General of Civil Aviation, 2018

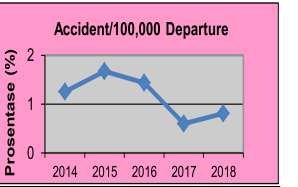


Year	Passenger Target	Passenger Realization	Passenger Target Reach (%)
2014	331.864	201.241	60,64
2015	393.421	254.288	64,64
2016	427.164	262.109	61,36
2017	330.799	203.954	61,65
2018	390.556	230.657	59,06

Source : Directorate General of Civil Aviation, 2018







Year	Performance Report					
	Aircraff Departure	Passenger Carried	Aircraff Hour	Accident	Serious Incident	Total (5 + 6)
1	2	3	4	5	6	7
2014	636.462	76.498.400	943.317	8	17	25
2015	659.091	76.628.867	981.278	11	19	30
2016	763.980	89.385.365	1.114.792	11	8	19
2017	829.615	96.890.664	1.231.134	5	17	22
2018	868.121	101.561.045	1.309.224	7	18	25

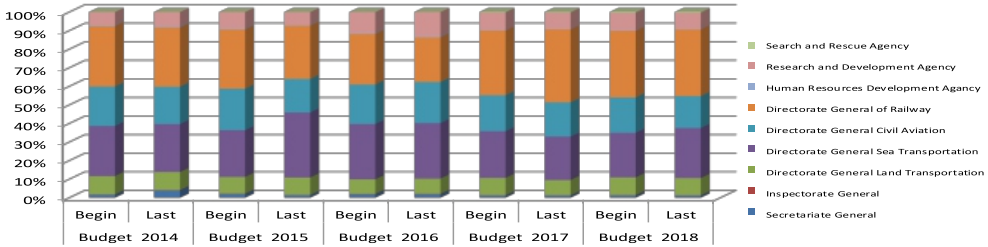
Source : Directorate General of Civil Aviation, 2018

SECRETARIAT GENERAL



SECRETARIAT GENERAL

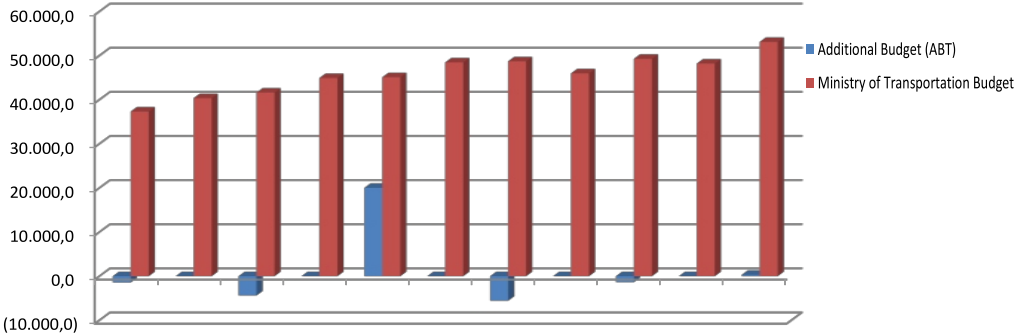




(milyar Rupiah)

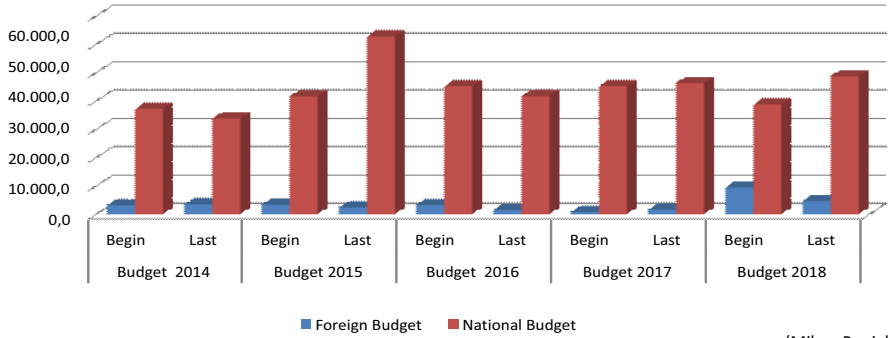
Year	Budget 2014		Budget 2015		Budget 2016		Budget 2017		Budget 2018	
	Begin	Last	Begin	Last	Begin	Last	Begin	Last	Begin	Last
Secretariate General	636,4	1.450,7	887,2	884,1	884,3	804,8	526,8	536,0	580,1	580,1
Inspectorate General	79,6	79,6	100,3	100,3	100,3	100,2	90,3	90,3	106,1	106,1
Directorate General Land Transportation	3.980,8	3.619,4	4.036,6	6.077,1	3.811,6	3.518,4	4.272,0	3.925,1	4.582,0	4.955,7
Directorate General Sea Transportation	10.897,6	9.619,9	11.321,6	22.843,0	14.437,7	12.905,8	11.562,3	11.245,0	11.600,5	14.417,6
Directorate General Civil Aviation	8.575,7	7.505,8	10.027,3	11.762,6	10.307,8	9.555,5	8.916,6	8.824,2	9.162,0	9.177,7
Directorate General of Railway	13.161,5	11.907,5	14.359,0	18.698,0	13.209,1	10.407,3	16.023,0	18.845,7	17.296,3	19.188,5
Human Resources Development Agancy	213,5	205,7	228,3	228,3	217,3	206,2	124,2	116,2	143,8	143,8
Research and Development Agency	2.825,5	2.867,3	3.973,7	4.532,9	5.497,5	5.653,0	4.347,9	4.238,5	4.527,6	4.647,1
Search and Rescue Agency	-	-	-	-	-	-	120,4	120,4	204,7	204,7
TOTAL	**40.370,6**	**37.255,9**	**44.933,9**	**65.126,2**	**48.465,6**	**43.151,2**	**45.983,5**	**47.941,4**	**48.203,1**	**53.421,3**

Source : Finance and Logistic berau, 2018



Year	Budget 2014		Budget 2015		Budget 2016		Budget 2017		Budget 2018	
	Begin	Last	Begin	Last	Begin	Last	Begin	Last	Begin	Last
Additional Budget (ABT)	0,0	(4.367,4)	0,0	20.020,0	0,0	(5.563,2)	0,0	(1.341,8)	0,0	309,8
Ministry of Transportation Budget	40.370,5	41.623,5	44.933,9	45.106,2	48.465,6	48.714,4	45.983,6	49.283,2	48.203,1	53.111,7
TOTAL	40.370,5	37.256,1	44.933,9	65.126,2	48.465,6	43.151,2	45.983,6	47.941,4	48.203,1	53.421,5

Source : Finance and Logistic berau, 2017

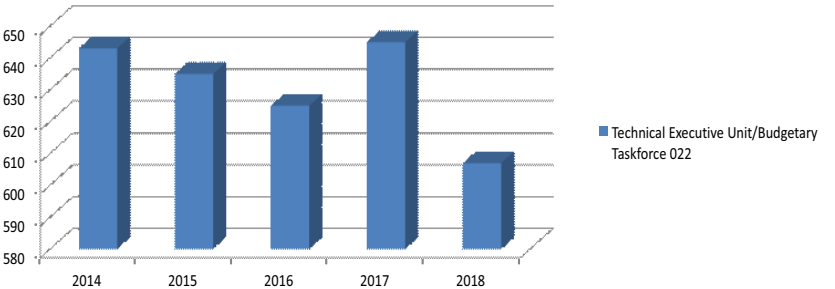


(Milyar Rupiah)

Year	Budget 2014		Budget 2015		Budget 2016		Budget 2017		Budget 2018	
	Begin	Last	Begin	Last	Begin	Last	Begin	Last	Begin	Last
Foreign Budget	3.194,1	3.453,4	3.332,7	2.410,9	3.300,6	1.494,4	741,8	1.632,1	9.425,4	4.694,5
National Budget	37.176,5	33.802,7	41.601,2	62.715,3	45.165,1	41.656,8	45.241,9	46.309,3	38.777,7	48.726,9
TOTAL	40.370,6	37.256,1	44.933,9	65.126,2	48.465,6	43.151,2	45.983,7	47.941,5	48.203,1	53.421,4

Sumber : Biro Keuangan dan Perlengkapan, 2018

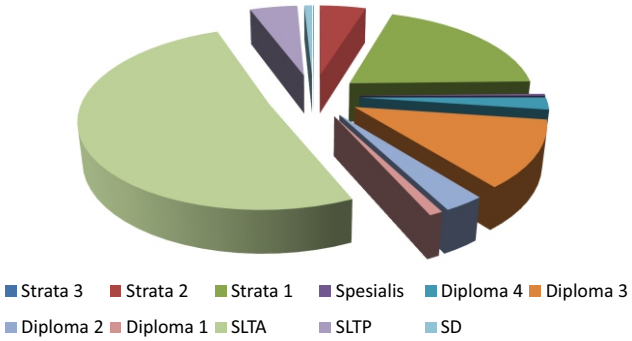
Technical Executive Unit / Budgetary Taskforce 022



(Rp.000.000)

No	Year	2014	2015	2016	2017	2018
1	Vakue of State Property	183.716.243	214.047.813	220.870.601	343.255.989	522.397.549
2	Technical Executive Unit/Budgetary Taskforce 022	643	635	625	645	607

Source : Finance and Logistic berau, 2017

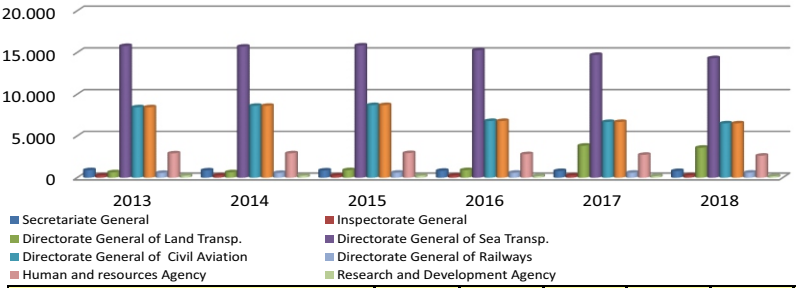


Strata 3	21	Diploma 4	688	SLTA	15932
Strata 2	1483	Diploma 3	3786	SLTP	1528
Strata 1	6184	Diploma 2	931	SD	251
Spesialis	111	Diploma 1	310		
		Total Employee			31225

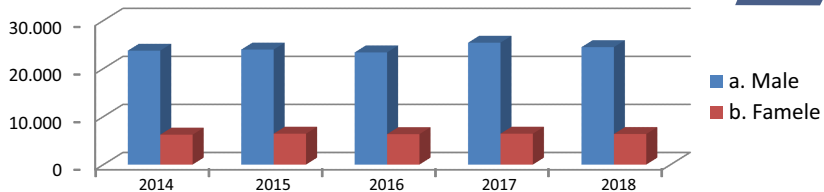
Sumber : Biro Keuangan dan Perlengkapan, 2018

G. EMPLOYEE COMPOSITION

2. Annual Number of Employee Composition based on Departement, 2014 - 2018



Organization Unit	2014	2015	2016	2017	2018
Secretariate General	868	865	826	799	798
Inspectorate General	263	260	252	265	279
Directorate General of Land Transp.	649	900	904	3.834	3.589
Directorate General of Sea Transp.	15.708	15.844	15.268	14.708	14.318
Directorate General of Civil Aviation	8.612	8.697	6.793	6.677	6.507
Directorate General of Railways	574	603	593	598	606
Human and resources Agency	2.923	2.951	2.821	2.742	2.638
Research and Development Agency	247	245	191	190	176
Greater Jakarta Transport Authority	-	-	100	104	118
Conjunct/employed	-	-	1.934	1.891	1.786
Total	29.844	30.365	29.682	31.808	30.815

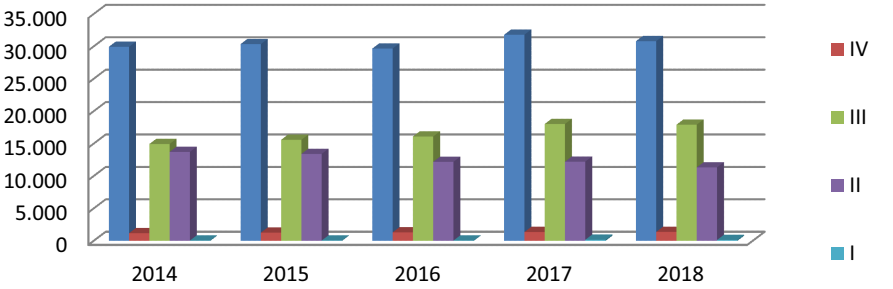


Organization Unit	2014	2015	2016	2017	2018
Secretariate General	868	865	826	799	798
a. Male	561	558	535	506	508
b. Famele	307	307	291	293	290
Inspectorate General	263	260	252	265	279
a. Male	189	189	182	189	194
b. Famele	74	71	70	76	85
Directorate General of Land Transp.	748	900	904	3.834	3.589
a. Male	559	639	655	3.423	3.153
b. Famele	189	261	249	411	436
Directorate General of Sea Transp.	15.708	15.844	15.268	14.708	14.318
a. Male	13.106	13.180	12.655	12.160	11.810
b. Famele	2.602	2.664	2.613	2.548	2.508
Directorate General of Civil Aviation	8.612	8.697	6.793	6.677	6.507
a. Male	6.700	6.751	5.091	4.987	4.853
b. Famele	1.912	1.946	1.702	1.690	1.654
Directorate General of Railways	575	603	593	598	606
a. Male	416	432	423	418	416
b. Famele	159	171	170	180	190
Human and resources Agency	2.923	2.951	2.821	2.742	2.638
a. Male	2.057	2.065	1.952	1.876	1.790
b. Famele	866	886	869	866	848
Research and Development Agency	247	245	191	190	176
a. Male	128	124	94	95	87
b. Famele	119	121	97	95	89
Greater Jakarta Transport Authority	-	-	100	104	118
a. Male	-	-	70	71	89
b. Famele	-	-	30	33	29
Conjunct/employed	-	-	1.934	1.891	1.786
a. Male	-	-	1.691	1.652	1.552
b. Famele	-	-	243	239	234
Total	29.944	30.365	29.682	31.808	30.815
a. Male	23.716	23.938	23.348	25.377	24.452
b. Famele	6.228	6.427	6.334	6.431	6.363

Sumber : Biro Keuangan dan Perlengkapan, 2018

G. EMPLOYEE COMPOSITION

4. Number of Employee Composition based on Grade, 2014 - 2018



Grade	2014	2015	2016	2017	2018
TOTAL	29.943	30.365	29.682	31.808	30.815
IV	1.196	1.278	1.322	1.371	1.392
III	14.954	15.599	16.107	18.037	17.934
II	13.732	13.422	12.196	12.225	11.344
I	61	66	57	175	145

Sumber : Biro Keuangan dan Perlengkapan, 2018

No.	Uraian	2014	2015	2016	2017	2018
1	Shiping Technician	2.477	1.466	1.380	936	936
2	Flight Technician	1.400	1.120	2.095	588	588
3	Motor Vehicle Examinerst	27	27	14	13	13
4	Planning	46	43	38	24	24
5	Analyst of Employee	125	120	89	56	56
6	Statutory Planner Decree	27	2	2	1	1
7	Arcipant	122	96	96	82	82
8	Pranata of Human Relation	39	30	35	16	16
9	Doctor	11	8	14	34	35
10	Dentish	19	15	13	13	13
11	Nurse	9	11	12	47	58
12	Dentish Nurse	5	10	7	6	6
13	Opstetrician	2	1	1	1	1
14	Pranata of Computer	55	51	53	30	30
15	Statistitician	28	26	20	11	11
16	Environmental impact analysis researcher	18	13	9	9	9
17	Auditor	124	93	138	133	133
18	Researcher	97	87	82	103	103
19	Researcher Assistant	73	60	62	16	16
20	Lecture	413	474	576	450	450
21	Widyaswara	32	38	24	23	23
22	Radiografer	4	2	2	7	7
23	Instructure	158	161	95	101	101
24	Pharmacist	2	2	2	1	1
25	Engineer	27	23	14	6	6
26	Ficioterapy	1	4	1	3	1
27	Translater	3	4	2	4	4
28	Pranata Health Laboratorium	1	1	1	5	5
29	Sanitarian	3	0	0	0	0
30	Asisten Apotecer	2	1	1	0	0
31	Manager of Procuirement Good and Services	0	0	0	58	58
32	Medical Check up	0	0	0	1	0
33	Work Safety Health Examiners				0	3
	Total	5.350	3.989	4.878	2.778	2.790

Sumber : Biro Keuangan dan Perlengkapan, 2018

Terminal
Road Transport Insfrastructure for the purpose of loading and loading person or goods and organize the arrival and departure of public transport, wich is one form the transport

Terminal Type A
Terminals that function to serve public transport for inter-city transport and inter provincial and / or national borders freight traffic, transportation between cities in the province, urban.

Ferry Transport
Transport through the strait, river or bay using ferry / crossing

Pioneer Transport
Trasport carried out of or into remote areas and border areas of potential yet undeveloped areas intendedto encourage the development, enhancement and equitable development and results as well as the establishment of a stable national stability and

Lakes and Rivers Transport
Transport throught rivers and lakes by boat / motor boat / boat is not motorized

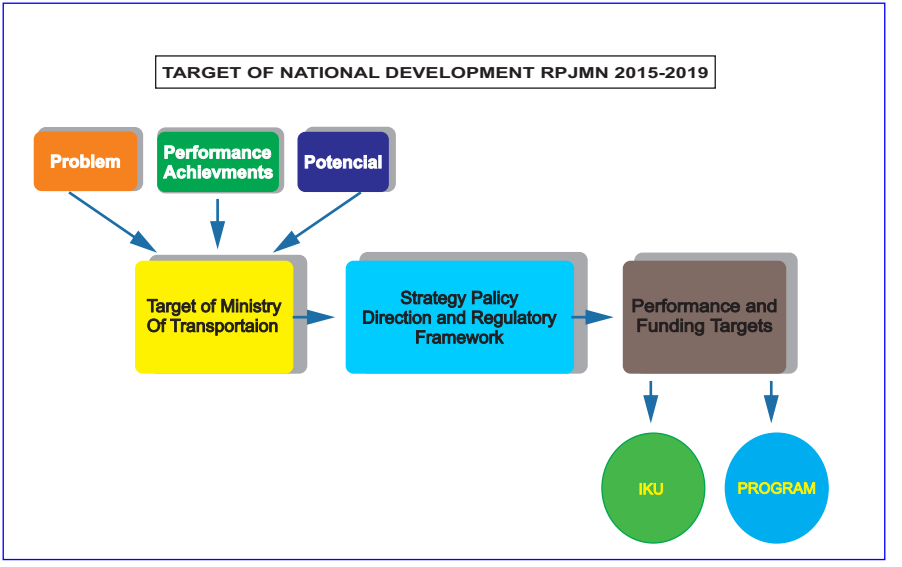
Dock
Building erected in waters which can be used to rest the tools crossings and used for loading and auloadding goods, vihicles and

The Navigational Ship
The Navigational Ship is state owned vessel used by a government that is given the function and authority in accordance with the provisions of legislation to enforce the law and other governmental duties (goverment regulation No. 5 of 2010 on Navigation)

SBNP
SBNP is a vessel system or equipment designed and operated to im[rove the safety and efficiency of navigating ship and/or vessel traffic. (Law No. 17 of 2008 on Shipping)

Railways Insfractruture
Paths and Railway station includding the necessary faciities so that means the train can operate

Railways Structure
Everything that can move on rails



Sumber : Biro Perencanaan / Planning Berau, 2018

ANNEX A. MINISTRY OF TRANSPORTATION STRATEGIC PLANNING FLOW CHART PERIOD 2015 - 2019



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SECRETARIAT GENERAL - PUSTIKOMHUB
MINISTRY OF TRANSPORTATION
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