KEMENTERIAN PENGANGKUTAN MALAYSIA
MINISTRY OF TRANSPORT MALAYSIA

STATISTIK PENGANGKUTAN MALAYSIA

MALAYSIA TRANSPORTATION STATISTICS

2019

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ISSN: 0128-2778

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ISSN: 0128-2778

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KATA PENGANTAR
Preface

Terlebih dahulu, saya ingin mengambil kesempatan ini untuk mengucapkan setinggi-tinggi tahniah dan syabas kepada semua pihak yang terlibat dalam menjayakan penerbitan Statistik Pengangkutan Malaysia 2019. Laporan Statistik Pengangkutan ini mengandungi data perangkaan yang komprehensif, sedia digunakan dan terkini mengenai semua mod pengangkutan di Malaysia. Melalui laporan ini, beberapa petunjuk utama terpilih berserta carta dan graf telah dimasukkan bagi memberikan gambaran menyeluruh tentang arah aliran serta perkembangan sektor pengangkutan di negara ini.

Adalah diharapkan Laporan Statistik Pengangkutan ini dapat dijadikan panduan dan bahan rujukan utama yang berguna terutamanya kepada penggubal dasar, penyelidik, pelajar dan juga kepada mereka yang memerlukan data dan maklumat ini.

Sebarang cadangan dan pandangan bagi penambahbaikan kandungan, persembahan dan penyampaian maklumat dalam penerbitan ini amatlah dihargai. Kementerian ini merakamkan setinggi-tinggi penghargaan di atas kerjasama semua pihak yang telah membekalkan maklumat untuk penerbitan ini.

First and foremost, I would like to thank everyone involved in the publication of the Malaysia Transportation Statistics 2019. This Transportation Statistics Report consists of comprehensive, readily available and up-to-date statistics on all modes of transport in Malaysia. Through this report, some selected key indicators accompanied by charts and graphs to show the overall trend of the development of the transport sector in this country.

It is hoped that this Malaysia Transportation Statistics will serve as a useful guide especially to policy makers, researchers, student and for those who required this data and information.

Any suggestions and comments towards improvement of content, presentation and delivery of information for this publication would be greatly appreciated. The Ministry gratefully acknowledges the co-operation of all parties concerned in providing information for this publication.

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KETUA SETIAUSAHA
KEMENTERIAN PENGANGKUTAN MALAYSIA
SECRETARY GENERAL
MINISTRY OF TRANSPORT MALAYSIA

PENGHARGAAN
Acknowledgement

Kementerian Pengangkutan Malaysia ingin merakamkan penghargaan atas sumbangan dalam menjayakan penerbitan ini yang diberikan oleh agensi-agensi berikut:

The Ministry of Transport Malaysia would like to acknowledge the contribution in making this publication a success by the following agencies:

Kementerian Kerja Raya
Ministry of Works

Polis Diraja Malaysia
Royal Malaysia Police

Jabatan Pengangkutan Jalan
Road Transport Department

Jabatan Laut Malaysia
Marine Department Malaysia

Agensi Pengangkutan Awam Darat
Land Public Transport Agency

Lembaga Pelabuhan Klang
Klang Port Authority

Lembaga Pelabuhan Johor
Johor Port Authority

Suruhanjaya Pelabuhan Pulau Pinang
Penang Port Commission

Lembaga Pelabuhan Kuantan
Kuantan Port Authority

Lembaga Pelabuhan Kemaman
Kemaman Port Authority

Lembaga Pelabuhan Melaka
Malacca Port Authority

Bintulu Port Holding Berhad
Bintulu Port Holdings Berhad

Sabah Port Sdn Bhd
Sabah Port Sdn Bhd

Lembaga Pelabuhan Kuching
Kuching Port Authority

Lembaga Pelabuhan Rajang
Rajang Port Authority

Lembaga Pelabuhan Miri
Miri Port Authority

Malaysia Airport Holding Berhad
Malaysia Airports Holdings Berhad

Senai Airport Terminal Services Sdn Bhd
Senai Airport Terminal Services Sdn Bhd

Keretapi Tanah Melayu Berhad
Malayan Railways Limited

Prasarana Malaysia Berhad
Prasarana Malaysia Berhad

Express Rail Link Sdn Bhd
Express Rail Link Sdn Bhd

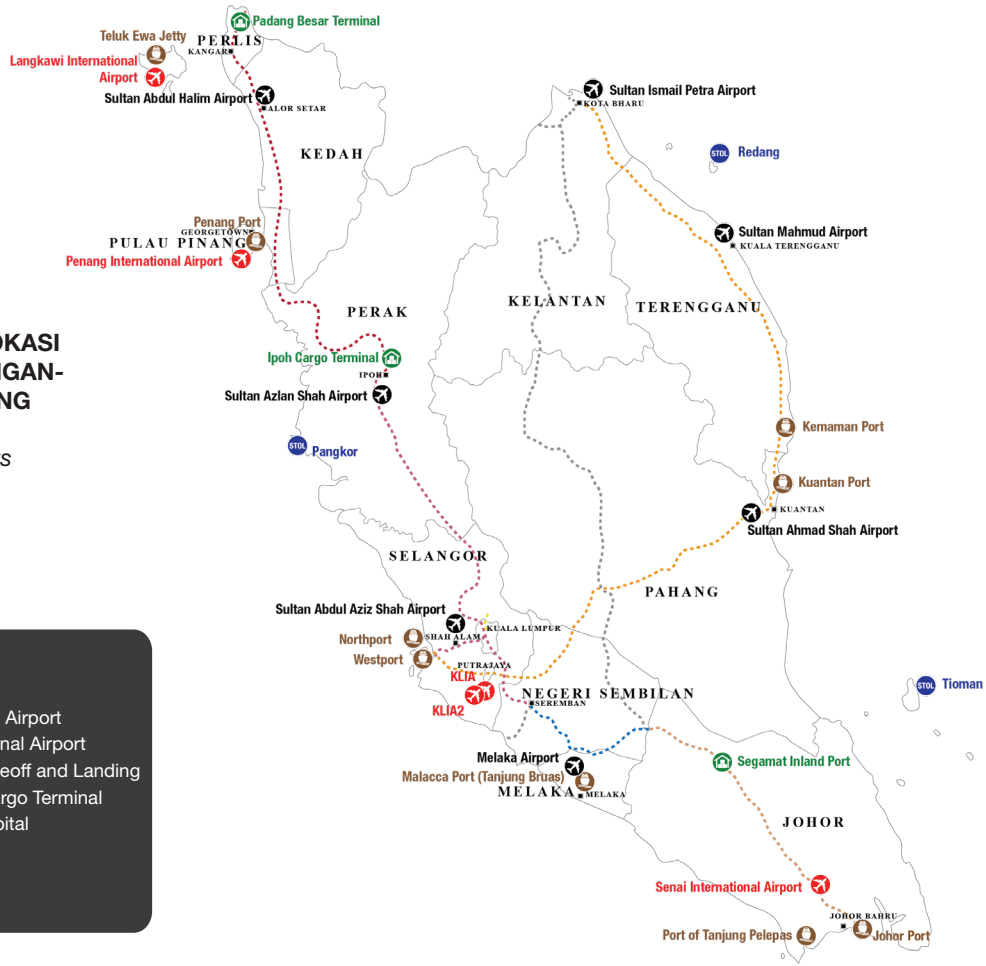
GLOSARI AKRONIM
Glosary of Acronyms

ADT	*Average Daily Traffic*
FWT	*Freight Weight Tonnes*
GRT	*Gross Registered Tonnage*
NRT	*Net Registered Tonnage*
DWT	*Dead Weight Tonnes*
TEU	*Twenty-Foot Equivalent Unit*
APP	*Approach*
CAT	*Category*
DME	*Distance Measuring Equipment*
DVOR	*Doppler VHF Omnidirectional Radio Range*
ILS	*Instrument Landing System*
LLZ	*Localizer*
GP	*Glide Path*
L	*Locator*
MM	*Middle Marker*
NDB	*Non-Directional Radio Beacon*
PAPI	*Precision Approach Path Indicator*
RWY	*Runway*
TACAN	*UHF Tactical Air Navigation Aid*
VOR	*Very High Frequency Omnidirectional Radio*
VORTAC	*Combination of VOR and TACAN*
n.a	*Not Available*

PETA
Maps

RANGKAIAN PENGANGKUTAN REL, LOKASI PELABUHAN-PELABUHAN DAN LAPANGAN-LAPANGAN TERBANG DI SEMENANJUNG MALAYSIA

Rail Transport Networks, Ports and Airports Location of Peninsular Malaysia



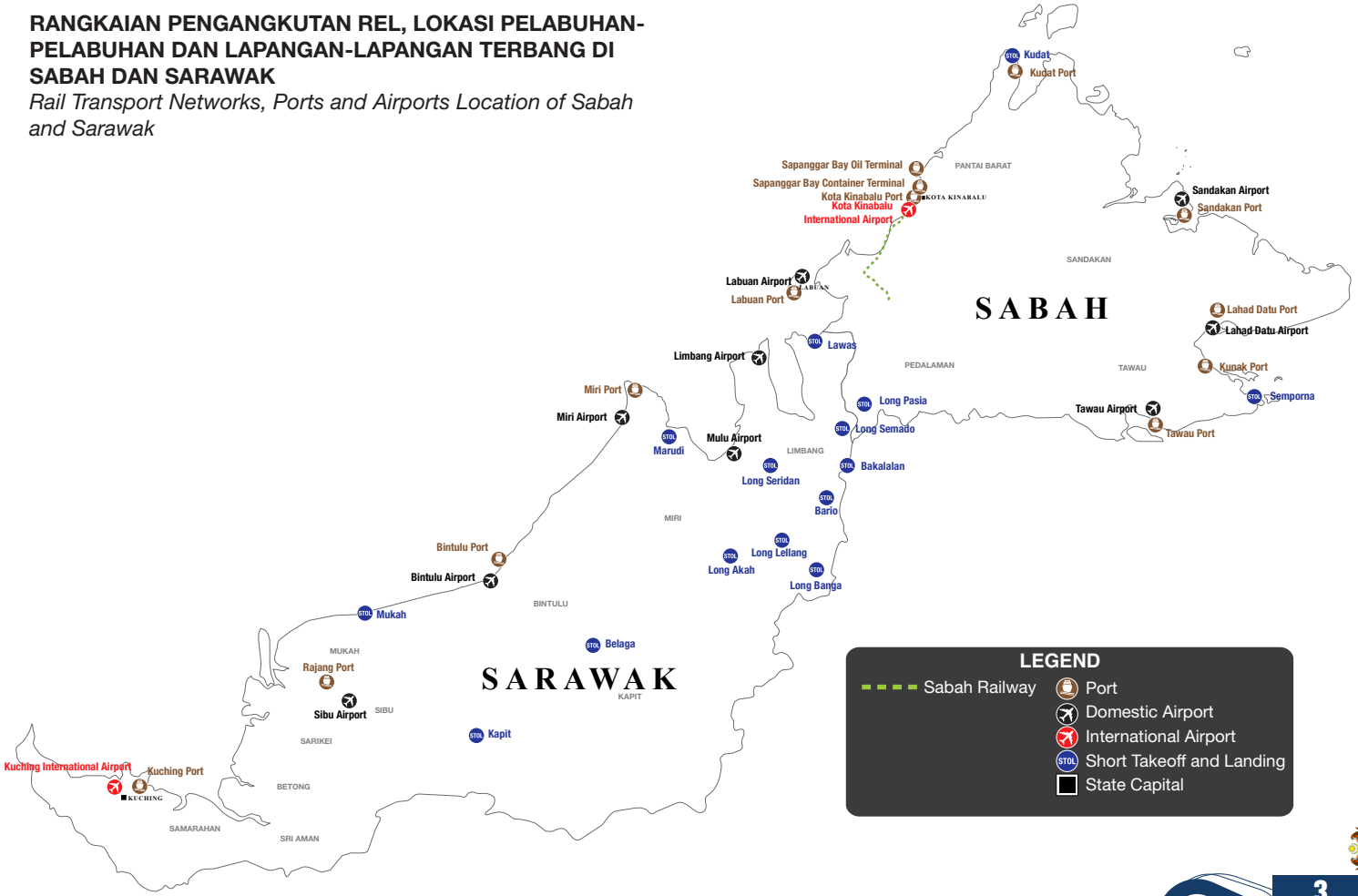
LEGEND

- East Coast Rail Link (ECRL)*
- EDTP Ipoh - Padang Besar
- EDTP Gemas - Johor Bahru
- EDTP Sentul - Batu Caves
- EDTP Seremban - Gemas
- Existing Single Track
- Existing Double Track
- Port
- Domestic Airport
- International Airport
- Short Takeoff and Landing
- Inland Cargo Terminal
- State Capital

** Stations shown are subject to approval by Relevant Authorities.*

RANGKAIAN PENGANGKUTAN REL, LOKASI PELABUHAN-PELABUHAN DAN LAPANGAN-LAPANGAN TERBANG DI SABAH DAN SARAWAK

Rail Transport Networks, Ports and Airports Location of Sabah and Sarawak



RANGKAIAN PENGANGKUTAN TRANSIT REL LEMBAH KLANG

Rail Transport Network of Klang Valley

RAIL LINE

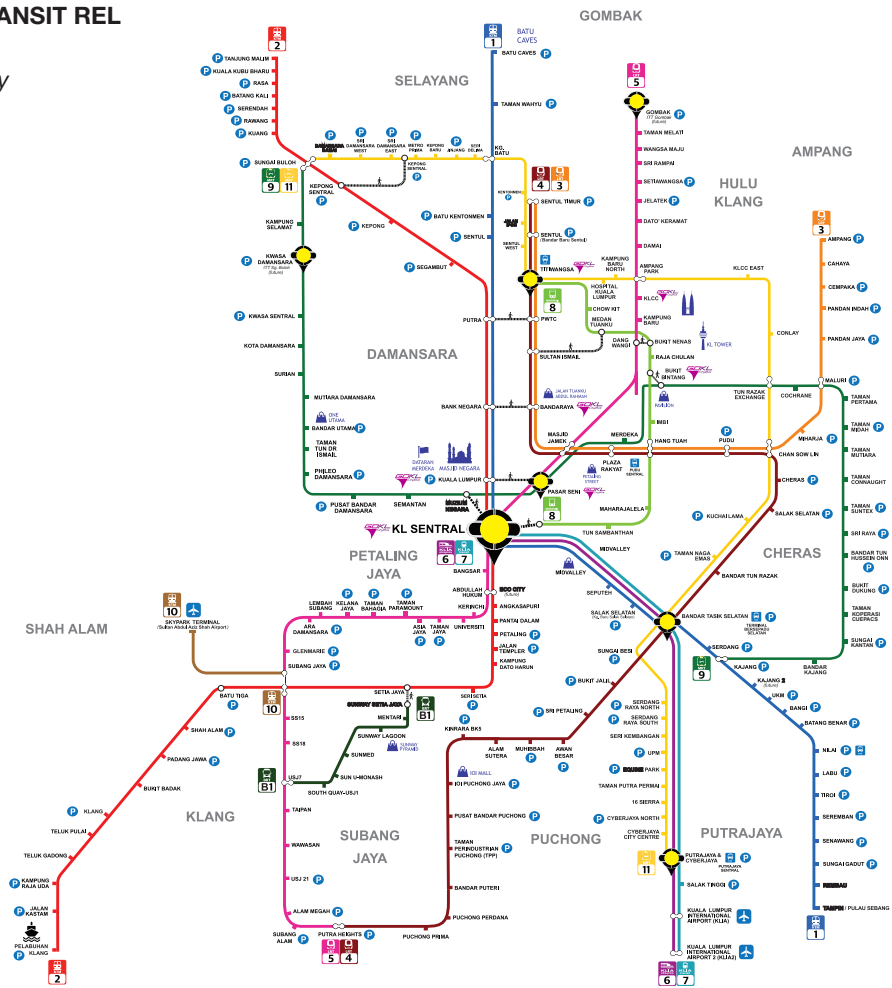
- 1 KTM SEREMBAN LINE
- 2 KTM PORT KLANG LINE
- 3 LRT AMPANG LINE
- 4 LRT SRI PETALING LINE
- 5 LRT KELANA JAYA LINE
- 6 ERL KLIA EKSPRES
- 7 ERL KLIA TRANSIT
- 8 KL MONORAIL LINE
- 9 MRT SG.BULOH-KAJANG LINE
- 10 KTM SKYPARK LINE
- 11 MRT SG BULOH - PUTRAJAYA LINE (Ready by 2022)

BUS RAPID TRANSIT LINE

- B1 BRT SUNWAY LINE

LEGEND

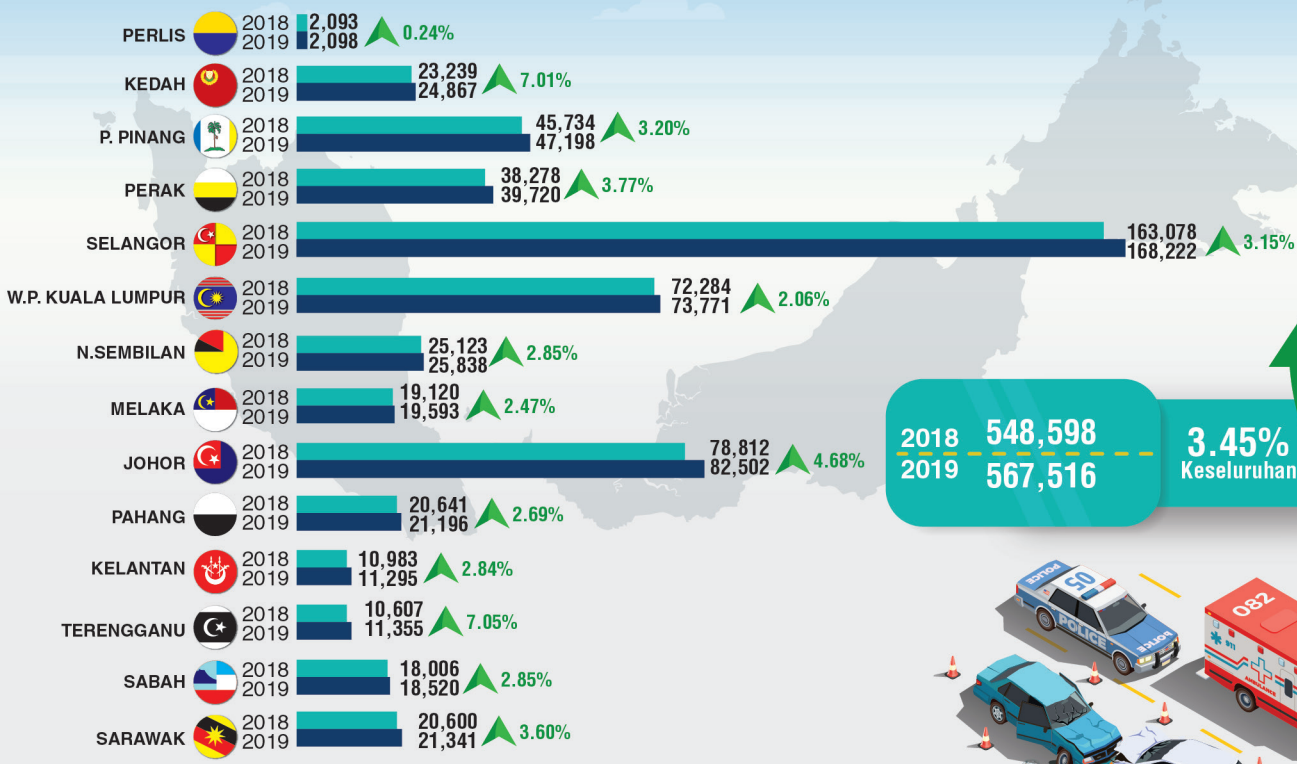
- Park & Ride
- Airport Terminal
- Bus Terminal
- Interchange Station
- Main Integrated Station
- Connecting Station



INFOGRAFIK
Infographics

PENGANGKUTAN DARAT

JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, 2018-2019



PENGANGKUTAN DARAT

JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, 2018-2019

	2018	2019	
MOTOSIKAL	113,288	117,786	3.97% ▲
MOTOKAR	591,399	573,341	-3.05% ▼
VAN	17,226	18,809	9.19% ▲
BAS	7,328	6,674	-8.92% ▼
LORI	36,915	37,894	2.65% ▲
PEMACU 4 RODA	45,757	43,599	-4.72% ▼
TEKSI	3,912	3,283	-16.08% ▼
BASIKAL	727	588	-19.12% ▼
LAIN-LAIN KENDERAAN	21,143	30,699	45.20% ▲

2018	837,695	-0.60% Keseluruhan
2019	832,673	

PENGANGKUTAN DARAT

JUMLAH KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI, 2018-2019

	2018	2019	
PERLIS	64	76	18.75%
KEDAH	509	446	-12.38%
P. PINANG	390	392	0.51%
PERAK	693	667	-3.75%
SELANGOR	1,046	1,054	0.76%
W.P. KUALA LUMPUR	229	209	-8.73%
N.SEMBILAN	362	337	-6.91%
MELAKA	191	217	13.61%
JOHOR	977	1,040	6.45%
KELANTAN	420	338	-19.52%
TERENGGANU	275	277	0.73%
PAHANG	485	454	-6.39%
SABAH	310	291	-6.13%
SARAWAK	333	369	10.81%

2018	2019	
6,284	6,167	-1.86% Keseluruhan

100 kematian
>50 kematian
<50 kematian

PENGANGKUTAN DARAT

JUMLAH KEMATIAN DAN KECEDERAAN DISEBABKAN KEMALANGAN JALAN RAYA, 2018-2019

MATI

-1.86%

2018	2019
6,284	6,167

PARAH

1.96%

2018	2019
2,964	3,022

RINGAN

8.89%

2018	2019
5,377	5,855

2018	14,625
2019	15,044

2.86% Keseluruhan

PENGANGKUTAN DARAT - REL

JUMLAH PENUMPANG YANG MENGGUNAKAN PERKHIDMATAN PENGANGKUTAN REL TAHUN 2019 BERBANDING TAHUN 2018

LRT LALUAN AMPANG
6.87%
2018 60,960,445
2019 65,147,222

LRT LALUAN KELANA JAYA
8.53%
2018 87,216,597
2019 94,657,974

MRT LALUAN SBK
24.63%
2018 51,314,240
2019 63,952,805

KLIA TRANSIT
3.79%
2018 6,540,177
2019 6,788,122

LALUAN MONOREL
-0.47%
2018 12,594,377
2019 12,535,738

KLIA EKPRES
-1.78%
2018 2,195,353
2019 2,156,302

2018 220,821,189
2019 245,238,163
11.06% Keseluruhan

PENGANGKUTAN MARITIM

JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA (TEUs), 2018-2019

PULAU PINANG

-1.31%

	2018	2019
EKSPORT	715,939	705,858
IMPORT	705,841	700,642
T/SHIP	88,596	84,145
JUMLAH	1,510,376	1,490,645

KELANG

10.27%

	2018	2019
EKSPORT	2,353,835	2,485,728
IMPORT	2,394,845	2,548,592
T/SHIP	7,567,323	8,546,397
JUMLAH	12,316,003	13,580,717

*TANJUNG BRUAS

	2018	2019
EKSPORT	-	5,401
IMPORT	-	6,229
T/SHIP	-	0
JUMLAH	-	11,630

TANJUNG PELEPAS

1.30%

	2018	2019
EKSPORT	368,322	364,343
IMPORT	190,134	203,467
T/SHIP	8,402,409	8,509,676
JUMLAH	8,960,865	9,077,485

KUANTAN

2.83%

	2018	2019
EKSPORT	78,696	80,348
IMPORT	71,216	73,802
T/SHIP	0	0
JUMLAH	149,912	154,150

JOHOR

10.86%

	2018	2019
EKSPORT	441,032	480,061
IMPORT	490,524	548,759
T/SHIP	10,033	15,034
JUMLAH	941,589	1,043,854

KUCHING

-2.04%

	2018	2019
EKSPORT	119,343	115,517
IMPORT	123,955	122,962
T/SHIP	2,257	2,074
JUMLAH	245,555	240,553

SABAH

1.39%

	2018	2019
EKSPORT	192,295	189,428
IMPORT	178,478	189,082
T/SHIP	3,392	874
JUMLAH	374,165	379,384

MIRI

-1.91%

	2018	2019
EKSPORT	13,777	14,046
IMPORT	15,162	14,340
T/SHIP	0	0
JUMLAH	28,939	28,386

BINTULU

-0.91%

	2018	2019
EKSPORT	128,266	135,204
IMPORT	137,621	137,904
T/SHIP	82,778	72,398
JUMLAH	348,665	345,506

RAJANG

3.46%

	2018	2019
EKSPORT	25,655	29,161
IMPORT	39,678	38,432
T/SHIP	0	0
JUMLAH	65,333	67,593

*Kendalian Kontena di Pelabuhan Tanjung Bruas, Melaka bermula pada tahun 2019

2018 24,941,402
2019 26,419,903

5.93% Keseluruhan

PENGANGKUTAN MARITIM

JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA ('000 FWT), 2018-2019

KELANG
10.15%

	2018	2019
EKSPORT	104,418	116,805
IMPORT	116,282	126,303
T/SHIP	0	0
JUMLAH	220,700	243,108

BINTULU
2.59%

	2018	2019
EKSPORT	36,994	39,577
IMPORT	5,485	4,370
T/SHIP	1,575	1,249
JUMLAH	44,054	45,196

RAJANG
-2.72%

	2018	2019
EKSPORT	278	294
IMPORT	1,047	995
T/SHIP	0	0
JUMLAH	1,325	1,289

TELUK EWA
11.27%

	2018	2019
EKSPORT	2,277	2,536
IMPORT	451	499
T/SHIP	0	0
JUMLAH	2,727	3,035

PULAU PINANG
-3.72%

	2018	2019
EKSPORT	15,081	14,921
IMPORT	18,658	17,654
T/SHIP	670	553
JUMLAH	34,409	33,128

TANJUNG BRUAS
38.29%

	2018	2019
EKSPORT	38	58
IMPORT	675	928
T/SHIP	0	0
JUMLAH	713	986

SABAH
-6.27%

	2018	2019
EKSPORT	23,557	21,637
IMPORT	12,892	12,526
T/SHIP	0	0
JUMLAH	36,449	34,163

TANJUNG PELEPAS
-1.86%

	2018	2019
EKSPORT	6,231	6,272
IMPORT	2,342	2,500
T/SHIP	131,234	128,432
JUMLAH	139,807	137,203

JOHOR
0.43%

	2018	2019
EKSPORT	13,001	13,666
IMPORT	18,011	17,478
T/SHIP	0	0
JUMLAH	31,012	31,144

KUCHING
0.50%

	2018	2019
EKSPORT	1,665	1,758
IMPORT	7,343	7,295
T/SHIP	0	0
JUMLAH	9,008	9,053

PORT DICKSON
-18.83%

	2018	2019
EKSPORT	3,372	2,964
IMPORT	19,234	15,386
T/SHIP	0	0
JUMLAH	22,607	18,350

KEMAMAN
58.87%

	2018	2019
EKSPORT	2,636	4,151
IMPORT	2,474	3,968
T/SHIP	0	0
JUMLAH	5,111	8,119

KUANTAN
45.01%

	2018	2019
EKSPORT	9,357	13,257
IMPORT	8,641	12,841
T/SHIP	0	0
JUMLAH	17,998	26,099

MIRI
-3.68%

	2018	2019
EKSPORT	4,032	3,895
IMPORT	750	711
T/SHIP	0	0
JUMLAH	4,782	4,606

2018 570,701
2019 595,478

4.34% Keseluruhan

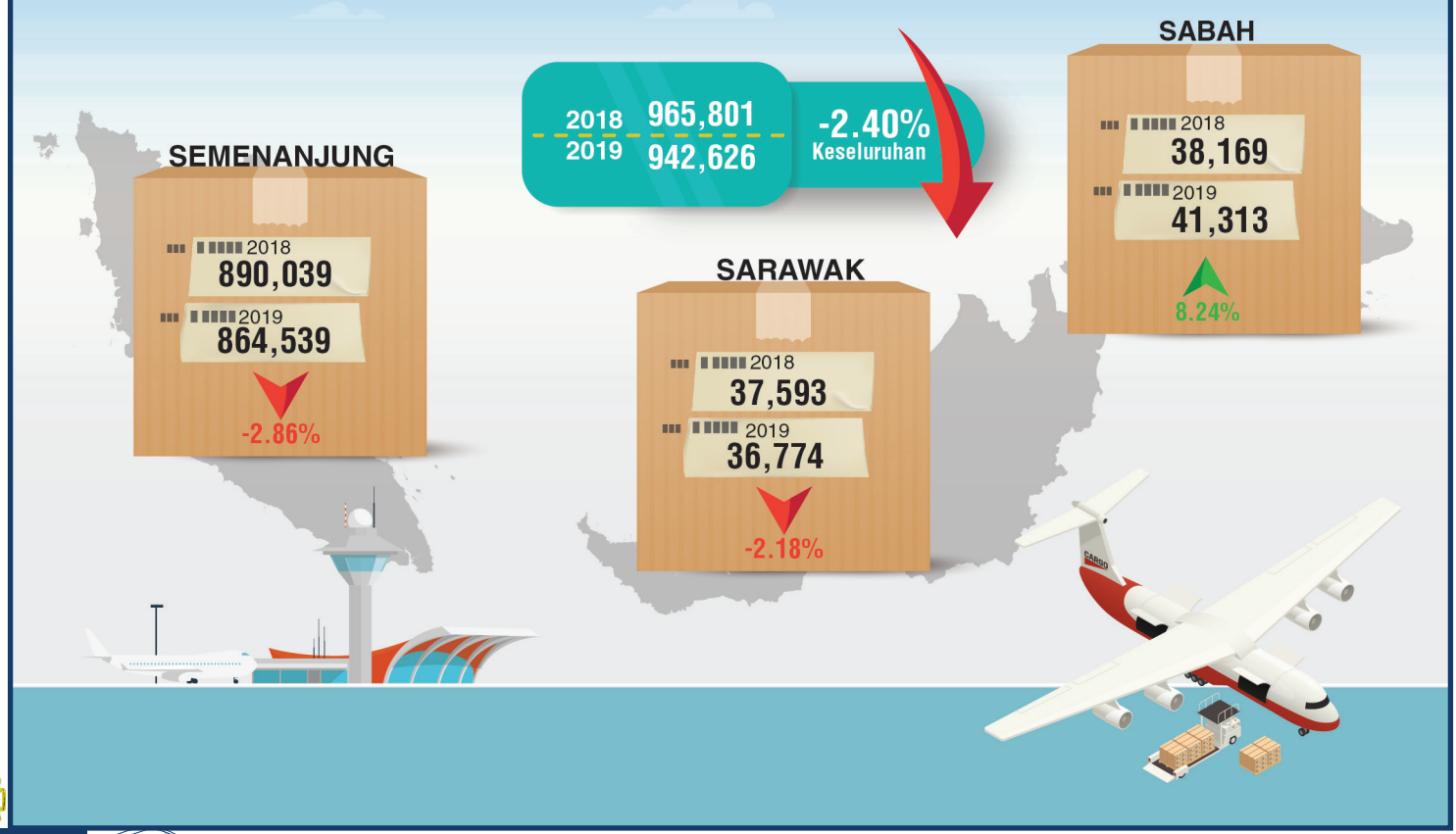
PENGANGKUTAN UDARA

JUMLAH PENUMPANG YANG DIKENDALIKAN DI LAPANGAN TERBANG MALAYSIA, 2018-2019

2018 102,433,054
2019 109,363,076
6.77% Keseluruhan

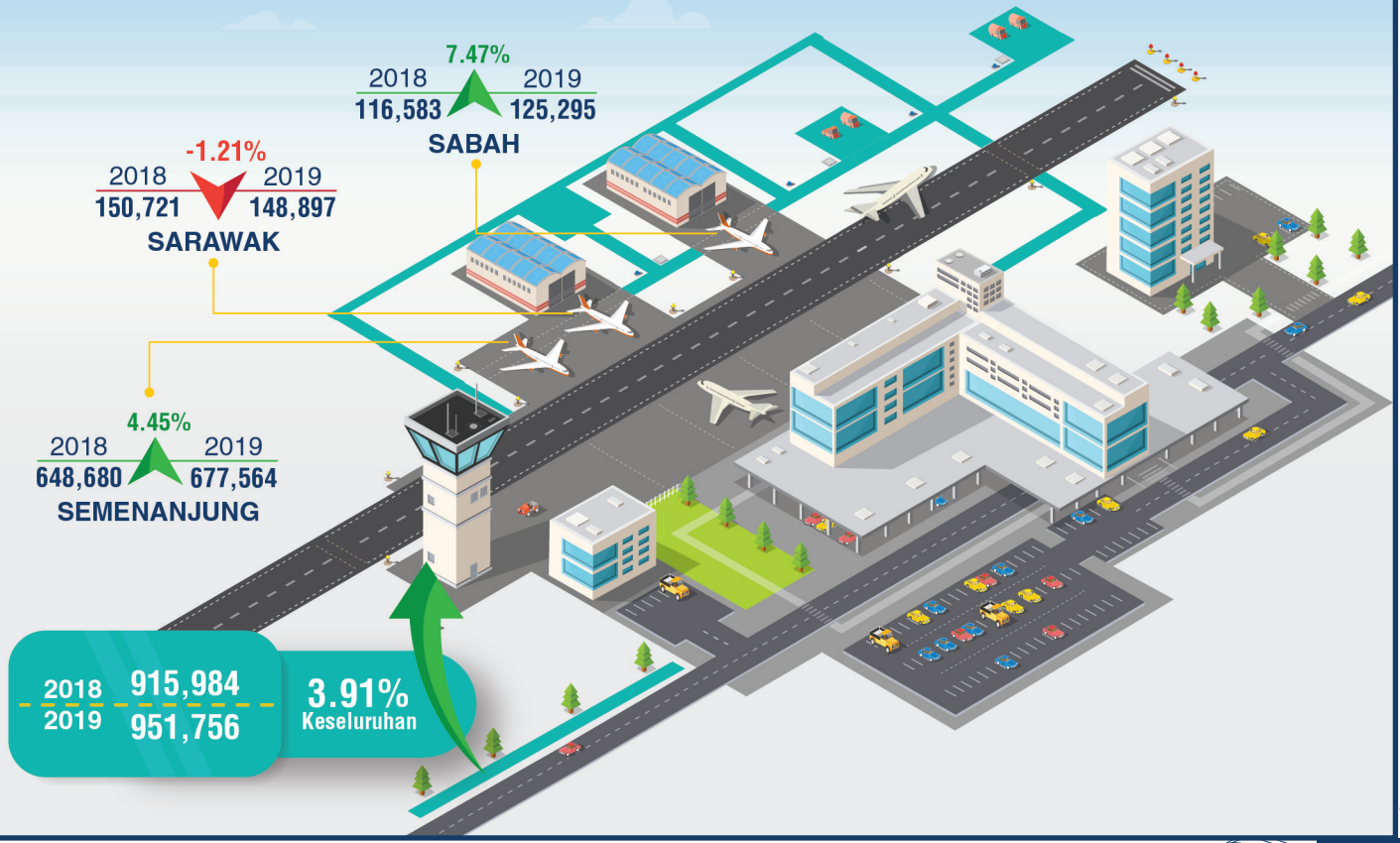
PENGANGKUTAN UDARA

JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG MALAYSIA, 2018-2019



PENGANGKUTAN UDARA

JUMLAH PERGERAKAN PESAWAT YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG MALAYSIA, 2018-2019



PENGANGKUTAN DARAT

Land Transport

JADUAL 1.11 : JUMLAH TERKUMPUL PERMIT KENDERAAN AKTIF MENGIKUT TAHUN BAGI KENDERAAN PENGANGKUTAN AWAM DARAT & KENDERAAN BARANGAN, 2010-2019

Table 1.11 : Cumulative Total Active Vehicle Permit for Land Public Transport & Goods Vehicle by Year, 2010-2019

JENIS PERMIT *Type of Permit*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
BAS *Buses*										
BERHENTI-HENTI *Stage*	5,055	5,607	5,529	5,658	5,828	6,165	6,292	6,198	6,138	5,802
EKSPRES *Express*	3,689	3,851	3,913	4,034	4,140	4,150	4,136	4,118	4,088	3,975
MINI *Mini*	98	95	86	80	78	67	43	40	25	9
PEKERJA *Employees*	9,585	10,146	10,266	10,538	10,806	10,989	11,257	11,731	12,153	12,757
PENGANTARA *Feeder*	38	38	40	45	50	56	62	73	86	86
CATAR *Chartered*	454	538	545	536	518	493	463	440	399	357
SEKOLAH *School*	10,695	11,455	11,827	12,330	12,909	13,320	13,762	14,328	14,455	14,691
PERSIARAN *Excursion*	2,141	3,028	4,106	4,729	5,116	5,305	5,421	5,622	6,127	6,605
JUMLAH KECIL *Sub Total*	**31,755**	**34,758**	**36,312**	**37,950**	**39,445**	**40,545**	**41,436**	**42,550**	**43,471**	**44,282**
LORI *Lorries*										
"A"	116,065	126,268	133,714	142,698	152,557	162,128	170,929	181,554	196,531	211,336
"C"	23,398	24,728	25,997	28,023	30,198	32,415	34,723	37,323	40,427	42,766
JUMLAH KECIL *Sub Total*	**139,463**	**150,996**	**159,711**	**170,721**	**182,755**	**194,543**	**205,652**	**218,877**	**236,958**	**254,102**
TEKSI *Taxi*										
SEWA *Hire*	15,335	16,429	16,372	16,216	16,043	15,798	15,673	15,557	15,504	15,138
SEWA PANDU SENDIRI *Hire & Drive*	6,738	8,134	10,665	11,052	11,288	11,392	11,503	11,652	12,231	13,758
TEKSI *Taxi*	30,092	34,277	36,090	36,973	37,654	37,504	36,308	34,906	33,411	31,148
LAPANGAN TERBANG *Airport*	2,633	2,671	2,680	2,688	2,687	2,711	2,718	2,691	2,571	2,244
LIMOUSIN *Limousine*	652	705	783	808	815	841	816	843	858	864
SEWA PANDU PELANCONG *Hire & Drive (Tourism)*	2,918	3,961	5,104	5,445	6,545	7,487	8,017	8,769	10,878	12,879
JUMLAH KECIL *Sub Total*	**58,368**	**66,177**	**71,694**	**73,182**	**75,032**	**75,733**	**75,035**	**74,418**	**75,453**	**76,031**
JUMLAH KESELURUHAN *Grand Total*	**229,586**	**251,931**	**267,717**	**281,853**	**297,232**	**310,821**	**322,123**	**335,845**	**355,882**	**374,415**

SUMBER: AGENSI PENGANGKUTAN AWAM DARAT (APAD)

Source: Land Public Transport Agency

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2010-2019

Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2010-2019

BIL *No*	STESEN *Station*	KM	LOKASI *Location*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
			PERAK										
1	AR 101	106.6	Ipoh-Tanjung Malim (Slim River Toll house)	15,322	14,039	14,431	15,328	16,501	16,736	15,187	14,913	15,068	17,504
2	AR 204	78.9	Ipoh-Lumut	22,389	23,758	25,283	25,942	23,834	26,494	25,939	27,384	28,011	25,248
3	AR 301	35.9	Ipoh-Kampar	31,022	30,311	27,497	28,520	27,126	30,592	24,654	29,911	30,321	20,707
4	AR 303	5.6	Ipoh-Gopeng	84,135	73,487	85,819	77,195	78,210	78,136	77,483	87,006	87,711	53,711
5	AR 501	30.4	Ipoh-Kuala Kangsar (500m North of Sg. Siput Town)	19,426	22,500	19,251	20,478	18,578	19,895	19,936	20,443	20,571	22,077
6	AR 601	79.7	Ipoh-Batu Hampar-Changkat Jering	14,128	11,726	19,410	20,588	19,881	20,664	21,327	19,058	20,270	20,186
7	AR 603	82.1	Ipoh-Changkat Jering-Semanggol	10,270	18,646	12,586	12,938	12,531	12,949	13,919	9,227	9,449	9,677
8	AR 703	106.3	Ipoh-Teluk Intan-Simpang Empat	25,365	25,004	28,465	25,489	25,865	27,249	33,024	26,218	26,687	18,285
9	AR 801	96.6	Ipoh-Kuala Kangsar-Gerik	1,724	3,110	3,562	3,487	2,826	3,139	3,017	2,798	2,872	2,952
10	AR 803	2.4	Lebuh Raya Timur-Barat	3,337	3,148	3,944	3,796	3,636	3,293	3,818	3,923	4,028	4,164
			SELANGOR										
11	BR 102	3.5	Klang-Port Klang (Jalan Watson)	52,901	53,983	57,835	56,513	52,563	49,706	47,687	47,521	47,425	63,989
12	BR 108	-	300m From The Federal Highway's Junction-North Klang Straits Bypass	141,121	135,678	140,780	143,223	136,424	131,348	128,988	101,893	100,568	89,634
13	BR 203	48.3	Klang-Morib-Batu Laut	7,101	6,852	7,128	7,777	7,741	7,890	7,999	5,903	5,930	7,110
14	BR 405	45.1	Kuala Lumpur-Kepong-Kuala Selangor	22,822	23,003	23,648	21,278	22,618	21,611	22,277	21,568	21,697	22,957
15	BR 501	72.1	Klang-Sabak Bernam	20,466	21,743	23,370	22,174	22,443	20,838	24,554	21,642	22,118	22,373
16	BR 604	21.7	Kuala Lumpur-Kajang	56,609	57,591	53,689	59,023	54,222	48,737	48,199	46,607	45,441	49,444
17	BR 701	58.6	Kuala Lumpur-Kuala Kubu Baru Junction (South of Junction)	18,293	13,430	13,320	15,082	15,022	15,538	16,063	13,476	13,626	15,367
18	BR 902	19.0	Kuala Lumpur-Karak Highway	129,345	144,334	151,486	147,449	144,308	129,579	138,711	153,545	153,914	108,272
			PAHANG										
19	CR 102	67.0	Kuala Lumpur-Kuantan (along KL-Karak Highway)	28,109	27,653	28,470	26,509	28,300	30,436	31,036	1,833	MANSUH	MANSUH
20	CR 403	233.0	Kuantan-Maran	28,248	29,142	31,138	31,416	31,876	29,856	30,231	33,247	34,204	26,215
21	CR 410	32.5	Kuantan-Kemaman	22,079	23,278	22,911	21,601	22,995	20,827	24,850	30,052	30,768	33,911
22	CR 503	282.0	Kuala Lumpur-Kuala Lipis- Kampung Padang Tuanku-Kota Bharu	6,253	7,053	7,513	6,985	7,319	8,063	8,757	8,302	8,595	8,239
23	CR 603	3.0	Pekan-Nenasi	8,650	9,761	10,319	11,563	11,535	10,741	11,620	11,606	12,370	11,748
24	CR 801	115.0	Kuantan-Karak	11,771	11,597	13,281	13,328	15,673	14,874	15,730	16,731	17,493	17,130
25	CR 805	189.0	Kuantan-Maran	6,980	8,049	7,088	6,952	6,714	6,369	6,841	6,915	7,061	6,889
26	CR 902	-	Kuantan-Segamat (400m. Bkt. Ibam-Rompin Junction North Bound)	8,102	8,427	9,545	8,763	9,314	9,985	10,514	10,416	10,651	12,330

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2010-2019 (SAMB.)
Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2010-2019 (Cont'd)

BIL *No*	STESEN *Station*	KM	LOKASI *Location*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						KELANTAN							
27	DR 201	19.3	Kota Bharu - Melor	31,602	37,939	42,433	32,263	26,043	39,257	28,405	65,518	66,933	34,004
28	DR 603	6.1	Km Lebuh raya Timur-Barat	5,440	5,863	6,275	6,029	6,141	4,718	6,344	6,300	6,389	6,268
29	DR 802	61.5	Kota Bharu - Kuala Krai	20,632	22,308	23,381	21,200	22,523	23,345	21,969	22,160	22,550	21,898
						JOHOR							
30	JR 101	142.0	Johor Bahru - Batu Pahat - Muar	11,162	11,711	14,847	18,659	15,491	13,321	12,562	13,424	13,707	MANSUH
31	JR 104	127.2	Johor Bahru - Yong Peng - Muar	25,916	40,092	23,361	34,672	32,757	25,310	16,289	23,996	22,644	MANSUH
32	JR 108	116.0	Johor Bahru - Segamat	12,262	13,025	12,369	11,628	11,521	11,985	9,733	11,199	11,274	11,702
33	JR 205	12.7	Johor Bahru - Skudai	221,084	213,390	162,454	189,292	191,427	178,012	184,136	176,725	175,312	MANSUH
34	JR 218	-	1000m east junction to Masai	49,309	40,428	47,563	26,552	26,502	29,045	43,134	42,306	40,952	41,754
35	JR 305	76.0	Johor Bahru - Ayer Hitam	14,810	14,894	15,398	13,911	15,847	17,359	17,598	20,602	21,216	15,543
36	JR 306	49.5	Batu Pahat - Ayer Hitam - Kluang	34,964	36,952	39,674	38,053	38,366	41,632	41,936	43,771	45,045	36,704
37	JR 404	38.6	Johor Bahru - Kota Tinggi	20,302	20,106	23,273	22,103	19,750	19,745	18,984	17,601	16,527	17,838
38	JR 501	135.2	Johor Bahru - Endau (2.4km north of Mersing town)	15,598	13,445	13,411	14,412	14,391	14,672	15,336	15,599	15,459	14,442
39	JR 503	111.1	Johor Bahru - Kota Tinggi - Jemaluang (500 m south of Jemaluang)	4,633	4,481	4,490	4,720	4,143	2,656	4,969	4,349	4,378	4,252
40	JR 702	60.0	Johor Bahru - Pontian Kecil - Pontian Besar (near Pontian Hospital)	14,406	12,125	16,772	15,061	14,678	15,945	16,690	13,050	12,985	14,607
41	JR 801	199.5	Johor Bahru - Segamat - Batu Anam	15,237	15,781	15,875	16,826	16,800	17,751	15,954	16,518	16,819	16,824
						KEDAH							
42	KR 202	20.6	Alor Setar - Changlun	30,402	32,311	42,822	47,474	34,003	36,660	38,036	39,669	40,387	31,183
43	KR 401	70.8	Alor Setar - Sungai Petani - Butterworth	24,002	22,195	23,141	23,971	23,672	24,779	21,656	20,749	21,195	19,585
44	KR 501	29.0	Alor Setar - Sungai Petani	19,387	19,618	19,249	18,853	17,797	19,854	18,221	17,748	17,695	17,083
						MELAKA							
45	MR 206	22.9	Melaka - Muar	15,679	16,426	17,044	16,779	17,112	17,182	15,640	16,329	16,525	14,823
46	MR 301	25.0	Melaka - Kendong	11,472	11,465	11,170	15,715	15,665	16,885	19,662	17,780	19,098	17,151
47	MR 313	43.5	Melaka - Lubok Cina	7,858	8,084	8,480	9,097	9,013	11,202	8,165	8,457	8,604	MANSUH

SUMBER: KEMENTERIAN KERJA RAYA
Source: Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2010–2019 (SAMB.)
Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2010-2019 (Cont'd)

BIL *No*	STESEN *Station*	KM	LOKASI *Location*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
NEGERI SEMBILAN													
48	NR 304	21.7	Seremban-Port Dickson	65,580	46,201	54,394	59,864	62,112	57,613	41,295	48,851	48,557	36,878
49	NR 403	42.7	Seremban-Tampin	12,690	12,565	12,832	12,645	11,459	12,465	12,737	13,415	13,334	13,449
50	NR 501	20.0	Seremban-Kuala Lumpur	12,052	11,964	11,397	10,671	11,810	11,870	10,984	11,314	11,088	11,339
51	NR 505	9.3	Seremban-Tampin (500m outside Town area)	35,708	38,378	57,639	50,484	48,002	47,976	48,966	49,199	51,260	48,647
PULAU PINANG													
52	PR 116	16.9	Butterworth-Taiping	56,349	60,230	56,932	64,993	48,588	65,716	59,320	52,095	52,205	51,562
53	PR 201	11.1	Georgetown-Teluk Bahang (Jln. Keliling Pulau)	27,334	26,085	28,442	27,106	28,419	24,774	23,255	22,006	22,365	29,350
54	PR 203	57.2	Georgetown-Bayan Lepas-Gelugor (Jln. Keliling Pulau)	50,776	50,950	59,900	62,207	63,049	62,464	56,678	61,819	64,144	56,917
PERLIS													
55	RR 105	3.2	Kangar-Alor Setar (Melalui Simpang Empat)	21,758	23,234	25,577	26,155	25,092	27,257	27,827	33,233	30,216	MANSUH
KUALA TERENGGANU													
56	TR 103	61.5	K. Terengganu-Jerteh-Kota Bharu	24,196	25,551	27,325	27,066	19,490	23,584	22,605	21,136	20,946	19,092
57	TR 202	78.9	K. Terengganu-Dungun-Kemaman	28,602	30,035	27,856	29,864	28,124	28,171	24,852	23,209	23,023	23,148
58	TR 305	48.0	Kuantan-K. Terengganu (Jln. Jabor-Jerangau)	5,590	6,553	7,566	8,036	7,667	4,105	3,992	4,268	4,136	4,202
59	TR 402	17.0	K. Terengganu-Kuantan	25,887	27,451	29,532	31,227	31,686	24,887	34,408	35,427	36,656	35,124
60	TR 502	33.0	K. Terengganu-Kg. Ajil-Jerangau	14,695	12,649	10,092	8,715	8,739	9,561	9,047	10,410	9,847	11,561
KUALA LUMPUR													
61	WR 102	12.1	Kuala Lumpur-Ipoh	277,797	276,092	252,341	253,179	214,760	211,188	169,218	138,477	134,184	132,621
62	WR 103	8.1	Kuala Lumpur-Ipoh	196,796	209,224	203,277	216,424	192,223	162,596	205,686	144,046	140,589	138,507
63	WR 105	8.1	Kuala Lumpur-Seremban Expressway	201,260	192,649	213,161	206,140	219,336	221,066	150,233	MANSUH	MANSUH	MANSUH

SUMBER: KEMENTERIAN KERJA RAYA
Source: Ministry of Works

JADUAL 1.13 : PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2010–2019
Table 1.13 : Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2010-2019

BIL *No*	STESEN *Station*	KM	LOKASI *Location*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						SABAH							
1	HR 101	4.8	Beaufort - Sindumin	4,924	5,965	5,422	5,694	6,508	6,710	6,493	6,269	6,363	MANSUH
2	HR 104	9.0	Tenom - Toman - Bekuku Highway	4,294	4,425	2,123	2,450	2,378	2,299	6,943	5,618	5,618	5,023
3	HR 201	22.5	Kota Kinabalu - Papar	9,370	11,791	14,491	14,406	15,329	15,786	15,999	15,892	16,348	18,983
4	HR 202	8.1	Donggongan - Tambunan	3,835	3,881	3,353	3,839	4,478	4,105	3,351	4,307	4,354	5,505
5	HR 204	69.0	Kota Kinabalu - Kudat (100mm From Longtigi Junction)	11,189	11,138	9,953	13,909	11,923	12,388	13,887	15,654	16,405	17,541
6	HR 501	31.4	Tawau - Semporna	10,074	10,035	10,455	10,327	10,229	11,508	11,694	12,649	13,012	15,413
7	HR 504	14.5	Sg. Segama Crossing	8,294	8,691	7,641	9,407	8,739	6,335	7,412	6,832	7,028	8,504
8	HR 506	68.0	20km from Semporna towards Tawau	2,711	3,074	2,742	2,704	3,087	2,310	3,609	2,689	2,721	4,701
9	HR 507	82.0	Tawau - Sandakan (Near Kunak Junction)	11,141	11,633	9,706	7,831	7,699	6,700	8,169	8,389	8,629	8,781
						SARAWAK							
10	SR 101	16.1	Bau - Semantan	3,091	3,504	5,780	3,512	3,582	4,090	3,429	5,138	5,320	4,820
11	SR 103	27.4	Kucing - Serian	30,616	31,112	32,889	27,987	32,808	34,874	34,950	22,171	22,587	42,598
12	SR 401	20.0	Bintulu - Sibu	10,957	14,520	4,342	4,476	5,125	5,841	5,563	5,685	5,258	5,017
13	SR 402	29.0	Bintulu - Miri	8,507	4,178	5,355	9,139	8,677	7,452	7,428	8,000	8,208	7,359
14	SR 403	6.2	Miri - Bintulu (before junction to Airport)	10,506	12,211	11,805	10,865	10,887	12,329	9,092	9,861	9,792	11,743
15	SR 503	1.6	Limbang - Brunei Border (Sg.Padaruan)	19,032	13,519	11,014	12,742	11,150	12,807	13,245	15,221	14,901	21,415
16	SR 504	1.6	Lawas - Trusan	3,653	6,683	6,448	7,243	7,200	7,912	11,701	9,640	10,623	9,335

SUMBER: KEMENTERIAN KERJA RAYA
Source: Ministry of Works

JADUAL 1.14 : KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2019
Table 1.14 : Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2019

BIL *No*	STESEN *Station*	LOKASI *Location*	16 JAM TRAFIK *16 Hours Traffic*	JENIS KENDERAAN *Type of Vehicle*					
				KERETA / TEKSI *Car / Taxi*	LORI KECIL *Light Lorry*	LORI SEDERHANA *Medium Lorry*	LORI BESAR *Heavy Lorry*	BAS *Bus*	MOTOSIKAL *Motorcycle*
SEMENANJUNG MALAYSIA *Peninsular Malaysia*									
1	JR 204	Johor Bahru - Kulai	88,738	73	4	7	1	5	11
2	JR 501	Johor Bahru - Endau	14,442	54	8	8	3	1	25
3	NR 501	Seremban - Kuala Lumpur	11,339	64	8	7	5	1	16
4	PR 115	Butterworth - Taiping	41,460	61	9	8	2	1	20
5	AR 301	Ipoh - Kampar	20,707	72	3	5	1	3	16
6	KR 501	Alor Setar - Sungai Petani	17,083	57	8	8	2	0	24
7	CR 805	Kuantan - Maran	6,889	57	14	9	7	1	13
8	CR 902	Persimpangan Bukit Iban - Rompin Di Lebuh Raya Kuantan - Segamat	12,330	56	20	5	8	1	10
9	TR 402	Kuala Terengganu - Kuantan	35,124	61	13	3	1	0	22
10	DR 802	Kota Bharu - Kuala Krai	21,898	61	14	6	3	1	16
SABAH									
11	HR 201	Kota Kinabalu - Papar	18,983	62	24	6	3	1	5
12	HR 501	Tawau - Semporna	15,413	38	35	10	7	0	10
SARAWAK									
13	SR 103	Kuching - Serian	42,598	56	16	7	6	1	14
14	SR 402	Bintulu - Miri	7,359	36	38	8	12	1	6

SUMBER: KEMENTERIAN KERJA RAYA
Source: Ministry of Works

JADUAL 1.15 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2010-2019
Table 1.15 : Total Road Accidents by States, Malaysia, 2010-2019

NEGERI *State*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
PERLIS	1,548	1,791	1,881	1,895	1,888	1,861	2,062	1,925	2,093	2,098
KEDAH	17,966	19,699	19,935	20,228	20,159	22,016	23,200	23,262	23,239	24,867
PULAU PINANG	34,306	37,158	37,851	39,361	38,747	39,856	42,244	43,007	45,734	47,198
PERAK	32,072	33,506	34,714	35,408	35,131	36,736	38,531	38,587	38,278	39,720
SELANGOR	115,565	128,876	129,106	135,024	137,809	140,957	151,253	154,958	163,078	168,222
W.P. KUALA LUMPUR	53,493	58,795	61,872	64,527	63,535	64,664	68,866	72,940	72,284	73,771
NEGERI SEMBILAN	19,407	21,157	22,146	23,066	23,748	22,939	24,428	24,941	25,123	25,838
MELAKA	14,110	14,720	15,195	16,083	16,375	17,069	18,601	18,771	19,120	19,593
JOHOR	55,381	59,501	62,316	64,600	64,473	67,112	73,116	76,121	78,812	82,502
PAHANG	17,315	19,001	20,554	20,130	19,071	19,635	20,465	20,813	20,641	21,196
KELANTAN	9,707	9,603	9,968	9,748	9,383	9,960	10,544	10,786	10,983	11,295
TERENGGANU	10,106	10,684	10,861	10,996	10,326	10,381	10,793	10,713	10,607	11,355
SABAH	16,192	16,585	17,446	17,438	17,693	17,290	17,298	17,244	18,006	18,520
SARAWAK	17,253	17,964	18,578	18,700	17,858	19,130	20,065	19,807	20,600	21,341
JUMLAH *Total*	**414,421**	**449,040**	**462,423**	**477,204**	**476,196**	**489,606**	**521,466**	**533,875**	**548,598**	**567,516**

SUMBER: JABATAN SIASATAN DAN PENGUATKUASAAN TRAFIK BUKIT AMAN
Source: Bukit Aman Traffic Investigation and Enforcement Department

JADUAL 1.16 : JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 2010-2019
Table 1.16 : Total Motor Vehicles Involved in Road Accidents by Type of Vehicle, Malaysia, 2010-2019

TAHUN *Year*	MOTOSIKAL *Motorcycle*	MOTOKAR *Motocar*	VAN *Van*	BAS *Bus*	LORI *Lorry*	PEMACU 4 RODA *Four Wheel Drive*	TEKSI *Taxi*	BASIKAL *Bicycle*	LAIN-LAIN *Others*	**JUMLAH *Total***
2010	120,156	511,861	18,788	9,580	50,438	25,777	9,899	2,178	11,756	**760,433**
2011	129,017	546,702	17,916	9,986	53,078	30,828	11,197	2,033	16,394	**817,151**
2012	104,523	528,970	15,143	8,508	42,158	32,891	8,888	1,310	35,426	**777,817**
2013	121,700	632,602	17,148	10,123	39,276	52,512	11,651	1,370	15,441	**901,823**
2014	125,712	617,578	15,041	9,193	37,481	41,464	10,856	1,275	27,743	**886,343**
2015	123,408	625,758	14,565	8,804	34,942	46,163	9,591	1,119	29,924	**894,274**
2016	135,181	670,935	14,470	9,462	35,064	48,907	8,399	1,318	36,833	**960,569**
2017	108,221	564,491	13,347	7,258	34,747	44,297	5,328	787	24,047	**802,523**
2018	113,288	591,399	17,226	7,328	36,915	45,757	3,912	727	21,143	**837,695**
2019	117,786	573,341	18,809	6,674	37,894	43,599	3,283	588	30,699	**832,673**

SUMBER: JABATAN SIASATAN DAN PENGUATKUASAAN TRAFIK BUKIT AMAN
Source: Bukit Aman Traffic Investigation and Enforcement Department

JADUAL 1.17 : JUMLAH KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT TAHUN DAN NEGERI, MALAYSIA, 2010-2019
Table 1.17 : Total Deaths Caused by Road Accidents by Year and States, Malaysia, 2010-2019

NEGERI *State*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
PERLIS	66	79	71	72	61	65	67	62	64	76
KEDAH	532	515	548	517	525	530	572	560	509	446
PULAU PINANG	370	392	400	381	378	360	411	401	390	392
PERAK	820	811	753	770	750	726	789	711	693	667
SELANGOR	1,061	1,070	1,102	1,019	1,068	1,028	1,140	1,087	1,046	1,054
W.P. KUALA LUMPUR	233	236	249	243	238	256	232	236	229	209
NEGERI SEMBILAN	399	374	352	396	379	355	414	370	362	337
MELAKA	235	240	243	258	236	256	247	230	191	217
JOHOR	1,076	1,073	1,073	1,128	1,018	1,040	1,135	1,067	977	1,040
PAHANG	574	563	540	592	539	532	539	485	485	454
KELANTAN	380	392	392	378	354	426	453	442	420	338
TERENGGANU	314	292	301	320	276	307	342	330	275	277
SABAH	447	398	450	420	420	392	379	351	310	291
SARAWAK	365	442	443	421	432	433	432	408	333	369
JUMLAH *Total*	**6,872**	**6,877**	**6,917**	**6,915**	**6,674**	**6,706**	**7,152**	**6,740**	**6,284**	**6,167**

SUMBER: JABATAN SIASATAN DAN PENGUATKUASAAN TRAFIK BUKIT AMAN
Source: Bukit Aman Traffic Investigation and Enforcement Department

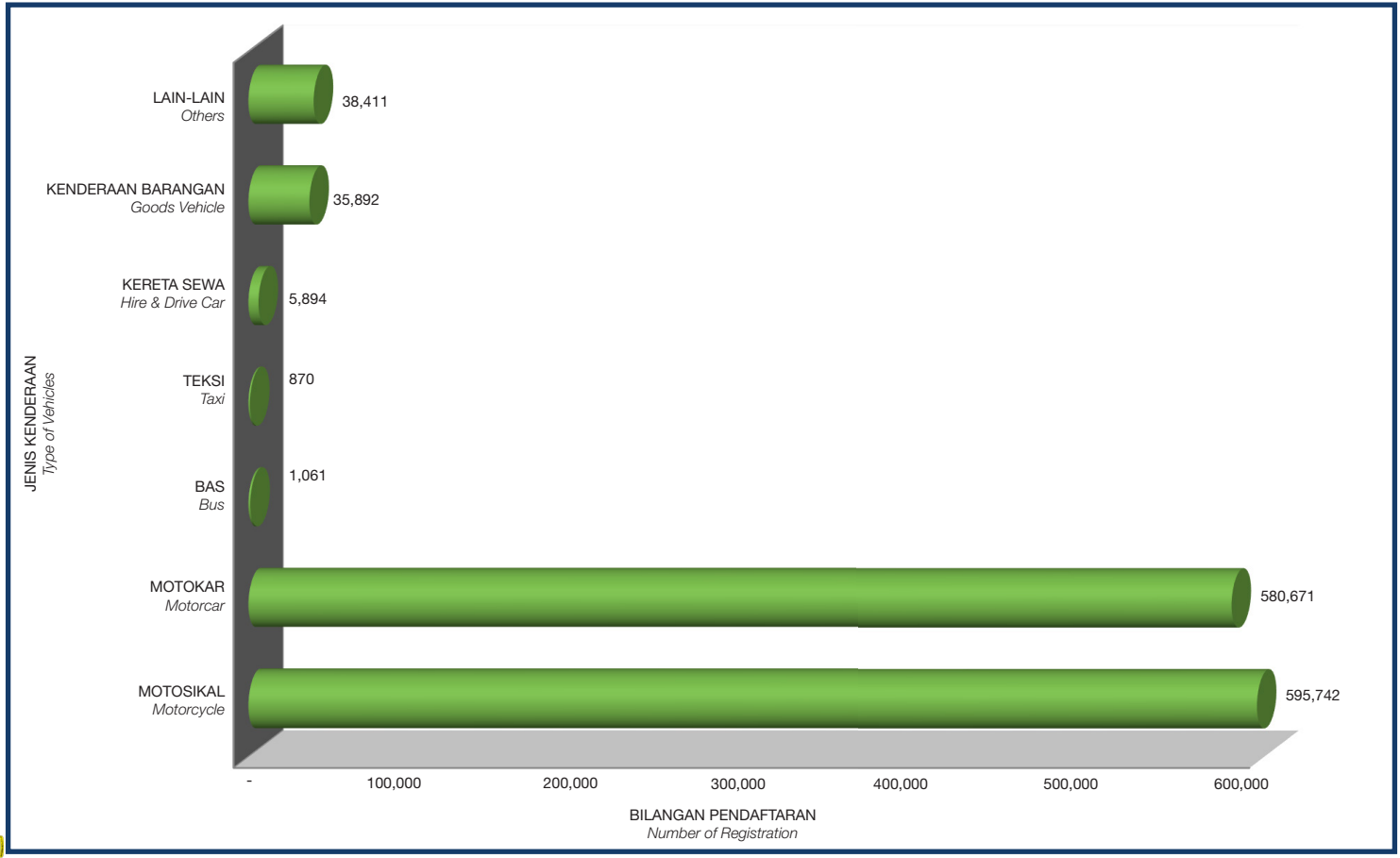
JADUAL 1.18 : JUMLAH KEMALANGAN, KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2010-2019
Table 1.18 : Number of Accidents, Casualties and Deaths Caused by Road Accidents, Malaysia, 2010-2019

TAHUN *Year*	JUMLAH KEMALANGAN *Number of Accidents*	KECEDERAAN DAN KEMATIAN *Casualties and Deaths*			
		MATI *Death*	PARAH *Serious*	RINGAN *Minor*	**JUMLAH** *Total*
2010	414,421	6,872	7,781	13,616	**28,269**
2011	449,040	6,877	6,328	12,365	**25,570**
2012	462,423	6,917	5,868	11,654	**24,439**
2013	477,204	6,915	4,597	8,388	**19,900**
2014	476,196	6,674	4,432	8,598	**19,704**
2015	489,606	6,706	4,120	7,432	**18,258**
2016	521,466	7,152	4,506	7,415	**19,073**
2017	533,875	6,740	3,310	6,539	**16,589**
2018	548,598	6,284	2,964	5,377	**14,625**
2019	567,516	6,167	3,022	5,855	**15,044**

SUMBER: JABATAN SIASATAN DAN PENGUATKUASAAN TRAFIK BUKIT AMAN
Source: Bukit Aman Traffic Investigation and Enforcement Department

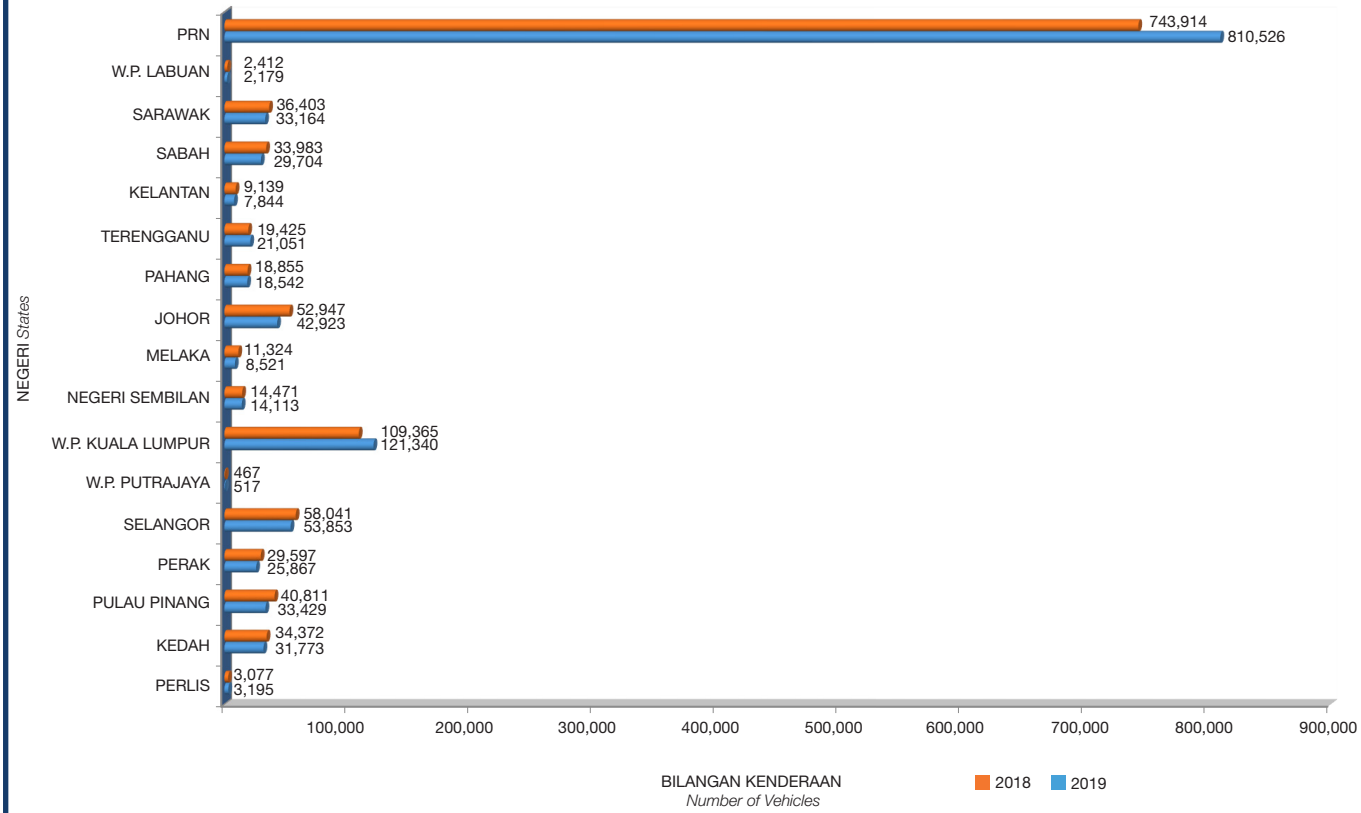
CARTA 1.1: PENDAFTARAN BAHARU KENDERAAN BERMOTOR MENGIKUT JENIS, MALAYSIA, 2019

Chart 1.1: New Registered Motor Vehicles By Type, Malaysia, 2019



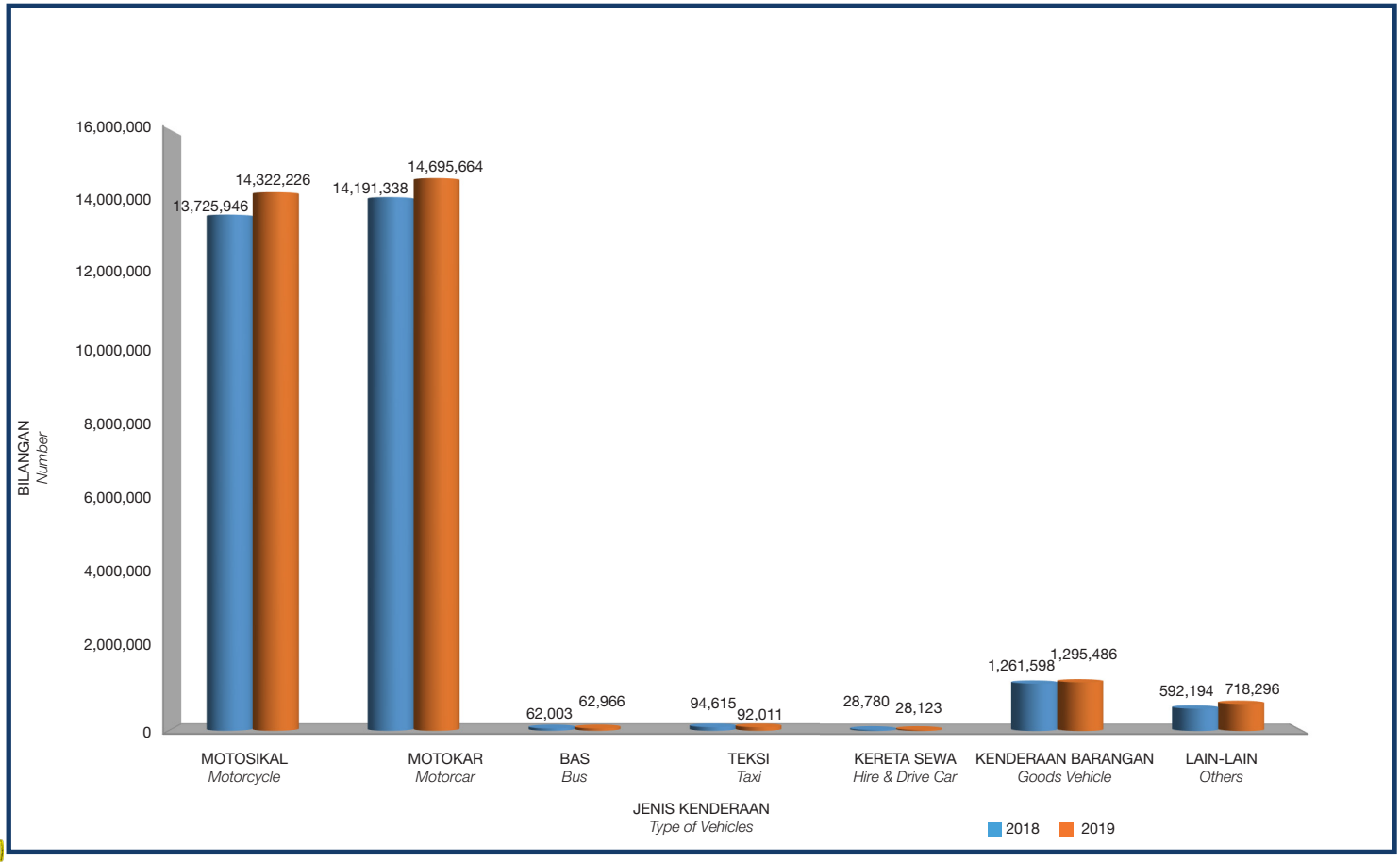
CARTA 1.2 : PENDAFTARAN BAHARU KENDERAAN BERMOTOR MENGIKUT NEGERI, 2018-2019

Chart 1.2: New Registered Motor Vehicles By State, 2018-2019

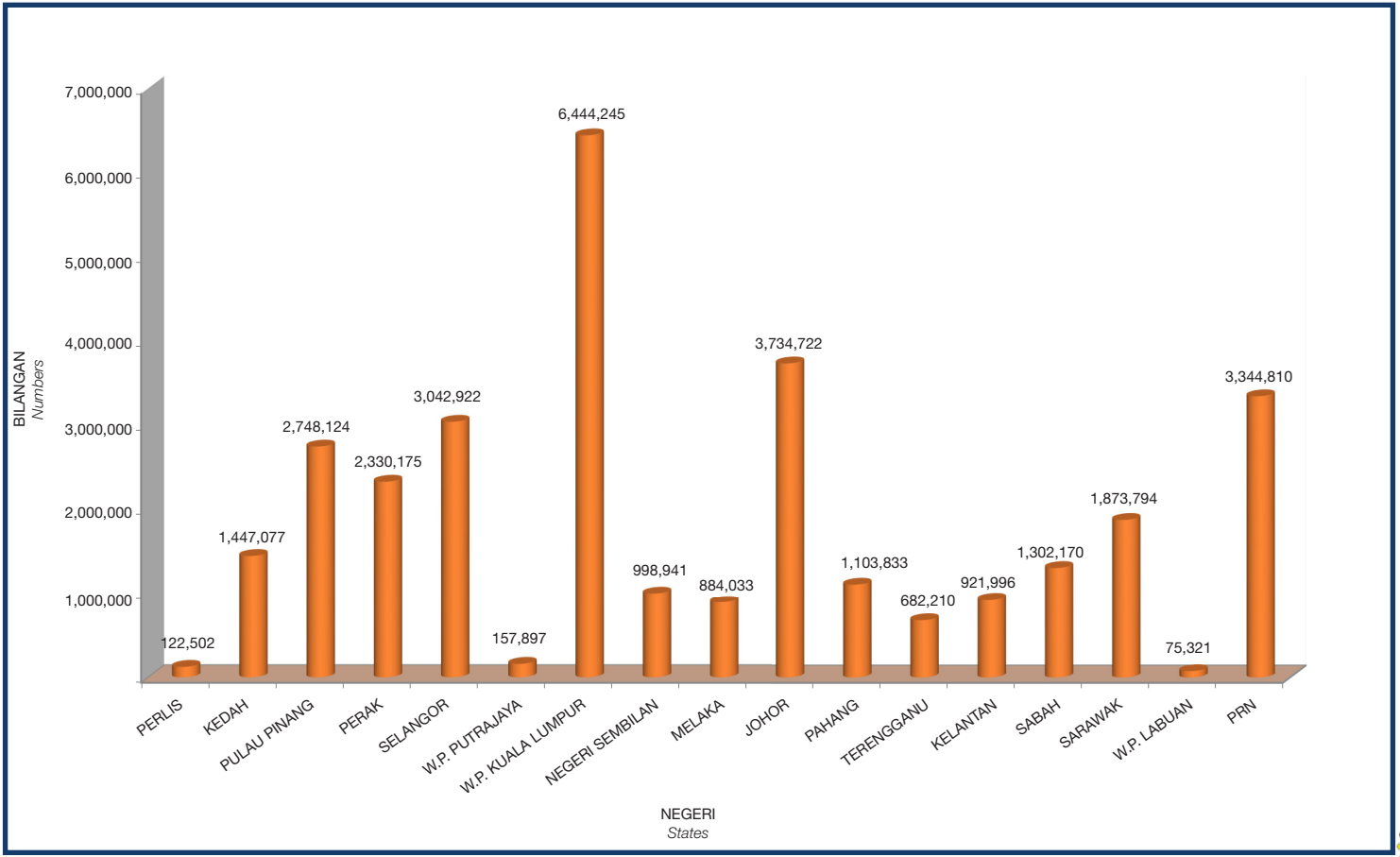


CARTA 1.3: JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT JENIS, MALAYSIA, 2018-2019

Chart 1.3: Total Motor Vehicles by Type, Malaysia, 2018-2019

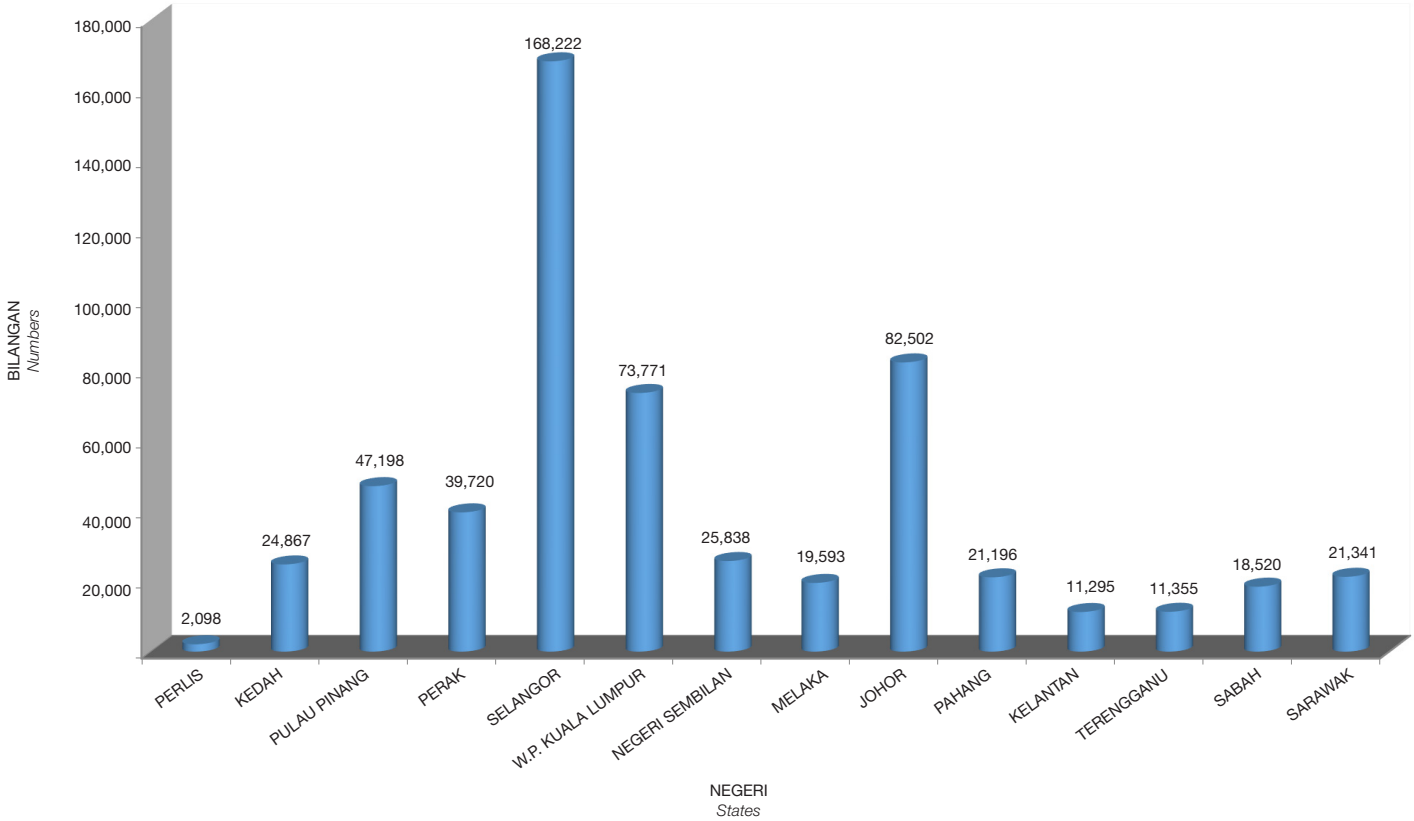


CARTA 1.4: JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT NEGERI, MALAYSIA, 2019
Chart 1.4: Total Motor Vehicles by State, Malaysia, 2019



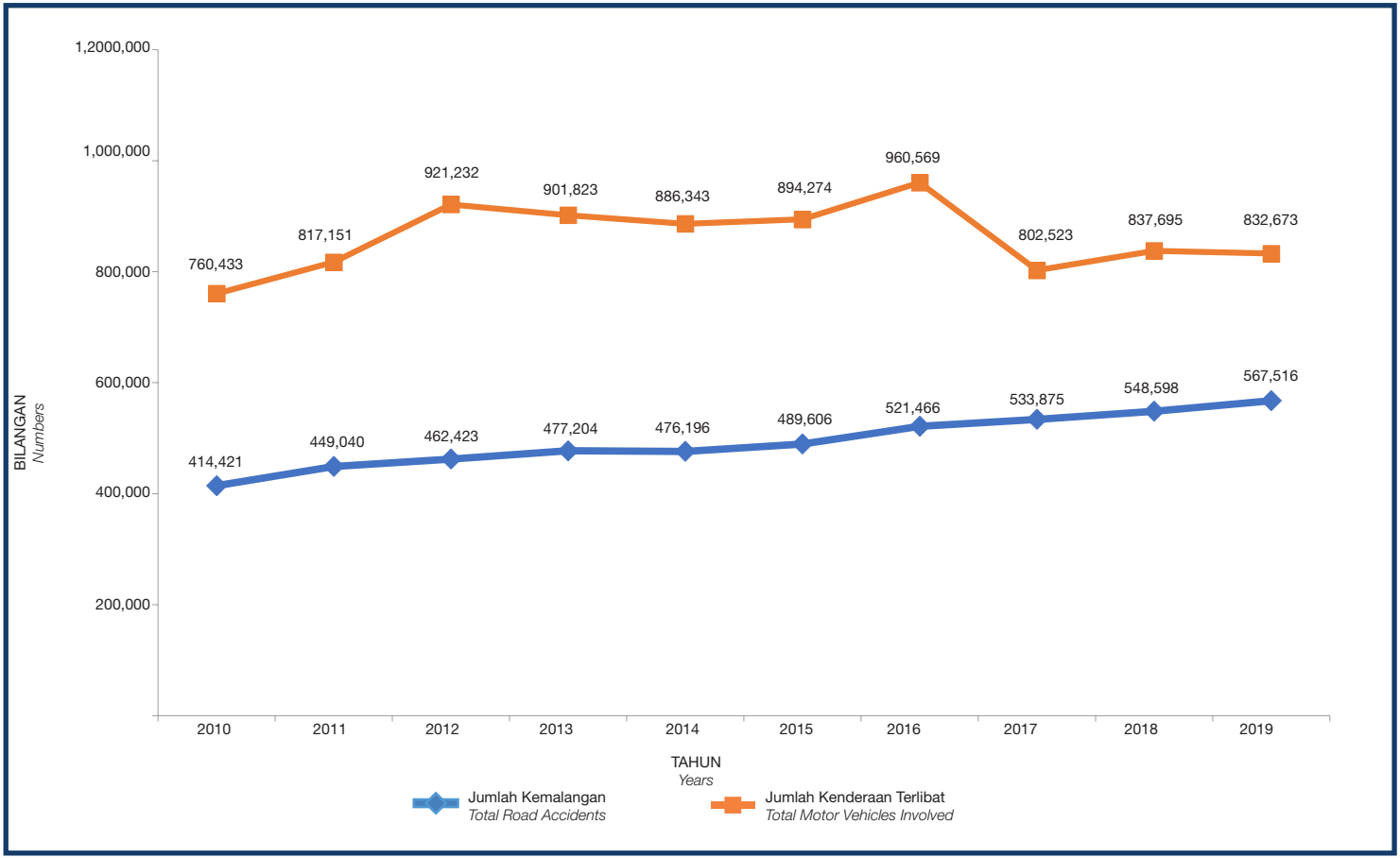
CARTA 1.5: JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2019

Chart 1.5: Total Road Accidents by State, Malaysia, 2019



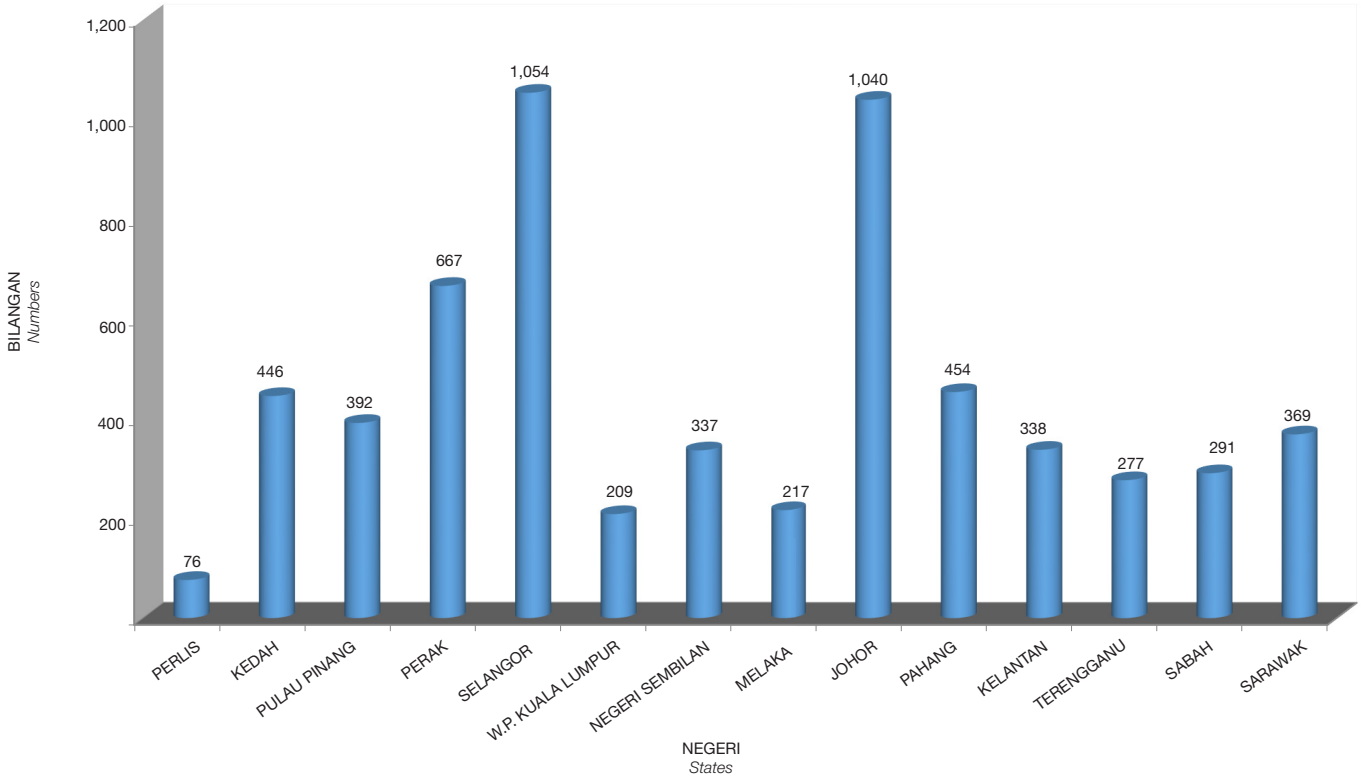
CARTA 1.6: JUMLAH KEMALANGAN JALAN RAYA DAN KENDERAAN TERLIBAT, MALAYSIA, 2010-2019

Chart 1.6: Total Road Accidents and Motor Vehicles Involved, Malaysia, 2010-2019



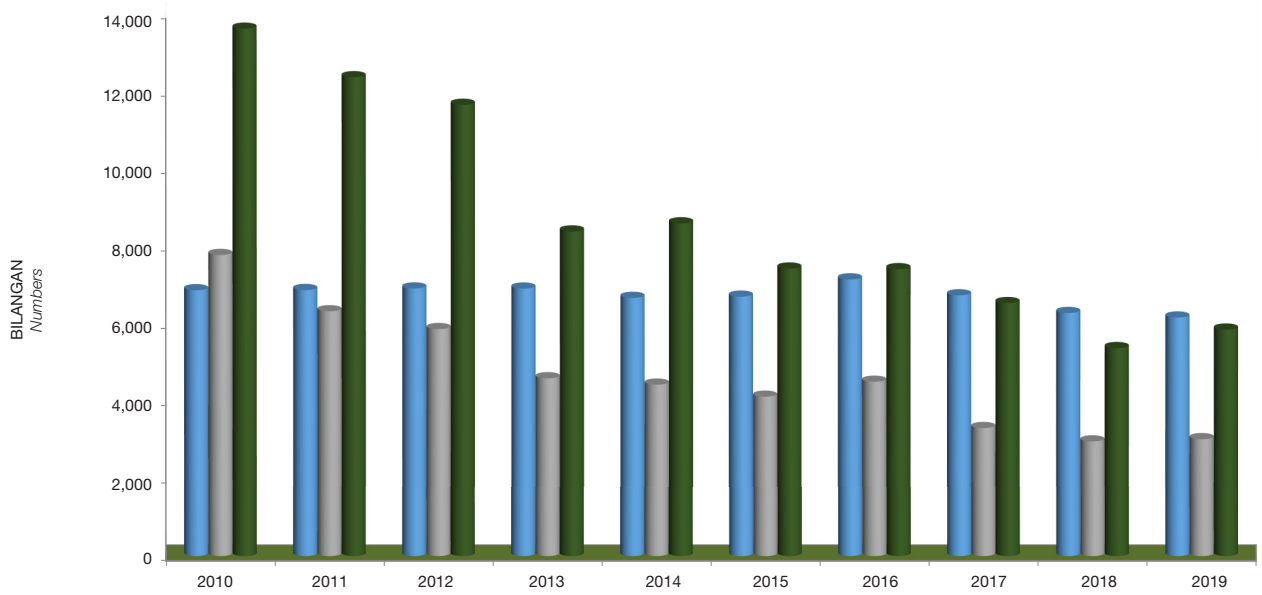
CARTA 1.7: KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2019

Chart 1.7: Deaths Caused by Road Accidents by State, Malaysia, 2019



CARTA 1.8: KECEDERAAN DAN KEMATIAN DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2010-2019

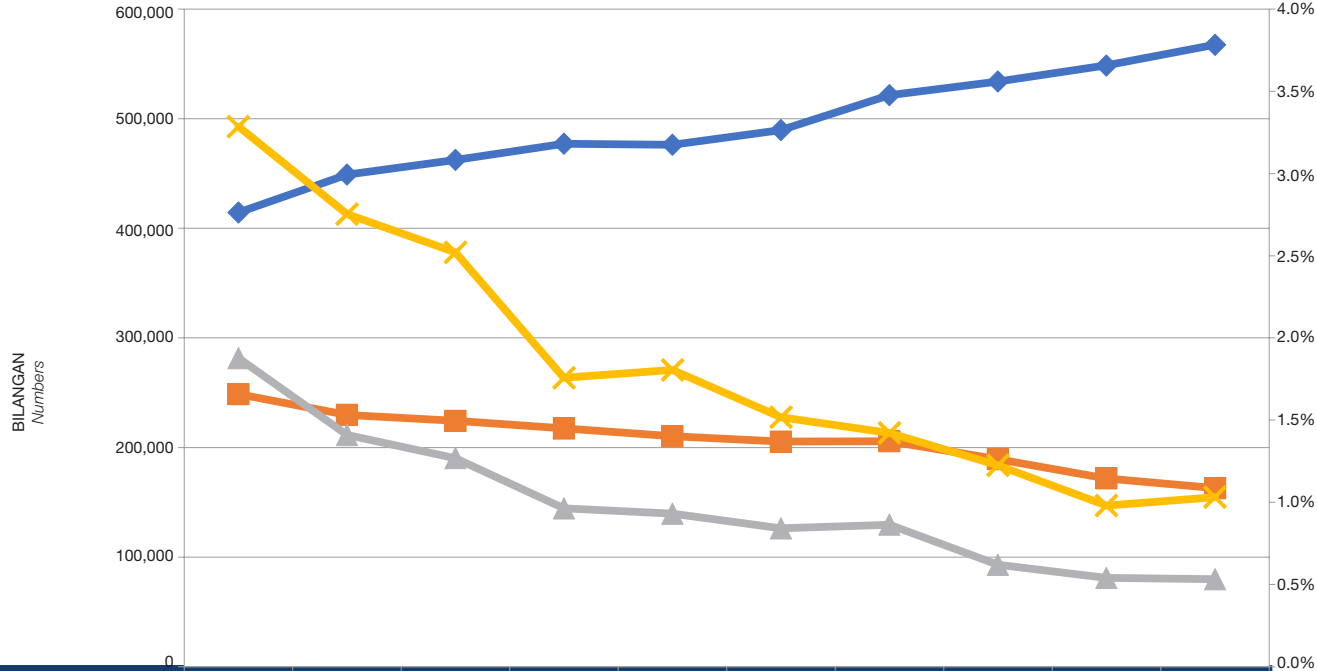
Chart 1.8: Casualties and Deaths Caused by Road Accidents, Malaysia, 2010-2019



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Mati *Death*	6,872	6,877	6,917	6,915	6,674	6,706	7,152	6,740	6,284	6,167
Cedera Parah *Severe Injuries*	7,781	6,328	5,868	4,597	4,432	4,120	4,506	3,310	2,964	3,022
Cedera Ringan *Minor Injuries*	13,616	12,365	11,654	8,388	8,598	7,432	7,415	6,539	5,377	5,855

CARTA 1.9: JUMLAH KEMALANGAN, PERATUS KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2010-2019

Chart 1.9: Total Accidents, Percentage of Casualties and Deaths Caused by Road Accidents, Malaysia, 2010-2019



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Kemalangan *Accidents*	414,421	449,040	462,423	477,204	476,196	489,606	521,466	533,875	548,598	567,516
% Mati *% Death*	1.66%	1.53%	1.50%	1.45%	1.40%	1.37%	1.37%	1.26%	1.15%	1.09%
% Parah *% Severe*	1.88%	1.41%	1.27%	0.96%	0.93%	0.84%	0.86%	0.62%	0.54%	0.53%
% Ringan *% Minor*	3.29%	2.75%	2.52%	1.76%	1.81%	1.52%	1.42%	1.22%	0.98%	1.03%

PENGANGKUTAN DARAT: REL

Land Transport: Rail

JADUAL 2.1 : STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2010–2019
Table 2.1 : Malayan Railways Limited Traffic Statistics, 2010-2019

TAHUN *Year*	PERKHIDMATAN KERETAPI *Rail Services*					KTM KOMUTER *KTM Commuter*		ELECTRIC TRAIN SERVICES (ETS)	
	PENUMPANG *Passenger*		BARANGAN *Freight*		KONTENA *Container*	PENUMPANG *Passenger*		PENUMPANG *Passenger*	
	BIL *No* (' 000)	KM PENUMPANG *Passenger Km* (' 000,000)	TONNE *Tonnes* (' 000)	TONNE KM *Tonnes Km* (' 000,000)	TEU *Teus*	BIL *No* (' 000)	KM PENUMPANG *Passenger Km* (' 000,000)	BIL *No* (' 000)	KM PENUMPANG *Passenger Km* (' 000,000)
2010	4,216	1,529	5,432	1,483	326,503	35,048	818	215	53
2011	3,685	1,426	5,914	1,535	313,113	35,599	821	912	227
2012	3,056	1,216	6,096	1,564	331,871	34,847	735	1,180	276
2013	2,703	1,081	6,622	1,760	343,395	43,942	961	1,563	371
2014	2,223	618	7,136	1,741	318,033	46,957	1,045	1,692	323
2015	2,015	428	6,205	1,474	283,063	49,690	1,116	2,060	441
2016	2,791	272	5,991	1,349	331,901	41,469	1,110	3,565	966
2017	3,092	180	5,617	1,234	331,059	37,274	1,100	4,148	1,189
2018	3,527	178	5,944	1,315	351,222	32,078	1,012	3,933	1,127
2019	3,746	183	5,973	1,142	243,468	30,404	905	3,902	1,112

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)
Source: Malayan Railways Limited

Nota: ETS-Mula operasi pada Bulan Ogos 2010
Note: Electric Train Services (ETS) start operation on August 2010

JADUAL 2.2 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2010-2019
Table 2.2 : Number of Passengers and Passenger Kilometres by Classes, 2010-2019

TAHUN *Year*	BILANGAN PENUMPANG *Number of Passengers* ('000)				KILOMETER PENUMPANG *Passenger Kilometres* ('000,000)			
	KELAS SATU *First Class*	KELAS DUA *Second Class*	KELAS TIGA *Third Class*	**JUMLAH** ***Total***	KELAS SATU *First Class*	KELAS DUA *Second Class*	KELAS TIGA *Third Class*	**JUMLAH** ***Total***
2010	121.5	2,224.4	1,870.6	**4,216.5**	51.3	955.0	522.6	**1,528.9**
2011	134.0	2,199.6	1,351.6	**3,685.2**	59.8	1,010.6	355.3	**1,425.6**
2012	134.6	1,943.5	977.9	**3,056.0**	59.1	911.7	245.3	**1,216.1**
2013	124.4	1,857.2	721.2	**2,702.8**	52.0	856.3	172.6	**1,080.9**
2014	119.6	1,574.8	528.3	**2,222.7**	33.7	494.1	90.0	**617.8**
2015	81.4	1,678.5	254.8	**2,014.7**	24.7	346.5	56.5	**427.7**
2016	17.8	2,498.7	275.2	**2,791.7**	5.6	231.5	35.1	**272.2**
2017	-	2,851.5	240.8	**3,092.3**	-	160.3	19.4	**179.6**
2018	3.0	3,254.0	270.3	**3,527.2**	1.1	154.1	23.0	**178.2**
2019	5.7	3,476.4	264.3	**3,746.4**	2.3	159.4	21.6	**183.3**

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)
Source: Malayan Railways Limited

JADUAL 2.3 : TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2010–2019
Table 2.3 : Freight Traffic by Type of Cargo, 2010-2019

JENIS KARGO *Type of Cargo*	(' 000)	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
SIMEN & KLINKER *Cement & Clinker*	Tonne	1,814	2,225	2,353	2,594	2,358	2,167	1,870	1,727	1,628	1,273
	t km	605,926	732,170	800,580	926,261	794,218	709,409	561,404	496,426	464,561	343,424
KONTENA PERKAPALAN *Maritime Container*	Tonne	2,588	2,702	2,691	2,864	3,776	3,157	3,138	2,954	3,417	3,517
	t km	408,893	383,866	390,237	406,723	633,616	532,818	543,274	514,733	646,137	568,142
LANDBRIDGE *Landbridge*	Tonne	39	25	19	19	89	133	186	325	401	450
	t km	17,189	22,954	25,724	30,512	53,258	48,071	60,303	70,630	76,830	89,267
PETROL & MINYAK GALIAN *Petrol & Mineral Oil*	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
MAKANAN & MINUMAN PROSES *Processed Food & Drink*	Tonne	487	460	417	413	418	421	431	377	311	305
	t km	308,923	221,428	168,725	169,418	187,878	161,967	150,592	135,934	114,565	111,961
BERAS, PADI & BRAN *Rice, Paddy & Bran*	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
GETAH *Rubber*	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
GETAH CECAIR *Latex*	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
KAYU BALAK *Logs*	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
KAYU GERGAJI *Swan Timber*	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
BIJIH & LAIN-LAIN GALIAN *Ore & Other Minerals*	Tonne	2	0	-	-	-	-	-	-	-	-
	t km	43	2	-	-	-	-	-	-	-	-
KIMIA *Chemicals*	Tonne	298	287	337	342	377	326	349	234	188	426
	t km	22,422	19,771	19,774	21,047	25,256	21,838	23,423	15,919	12,578	28,565
MINYAK MAKAN *Edible Oil*	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN *Others*	Tonne	204	215	279	390	118	1	17	-	-	1
	t km	119,294	155,284	159,253	205,671	47,235	255	10,379	-	-	227
JUMLAH *Total*	**Tonne**	**5,432**	**5,914**	**6,096**	**6,622**	**7,136**	**6,205**	**5,991**	**5,617**	**5,944**	**5,972**
	t km	**1,482,690**	**1,535,475**	**1,564,293**	**1,759,632**	**1,741,461**	**1,474,358**	**1,349,375**	**1,233,642**	**1,314,671**	**1,141,586**

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)
Source: Malayan Railways Limited

JADUAL 2.4 : DAFTAR LOKOMOTIF, 2010–2019
Table 2.4 : Locomotive Inventory, 2010–2019

TAHUN *Year*	LALUAN UTAMA *Mainline*								TREN SET ELEKTRIK *Electric Train Set*				ENJIN LANGSIR *Shunting*				
	HIDRAULIK KELAS 21 *Class 21 Hydraulic*	KELAS *Class* 22	KELAS *Class* 23	KELAS *Class* 24	KELAS *Class* 25	KELAS *Class* 26	KELAS *Class* 29	**JUMLAH** ***Total***	RELKAR (RELBAS) *Rail-Car (Rail-Bus)*	SET EMU *EMU Sets*	SET ETS *ETS Sets*	**JUMLAH** ***Total***	LETRIK KELAS 15 *Class 15 Electric*	HIDRAULIK KELAS 16/17 *Class 16/17 Hydraulic*	LETRIK KELAS 18 *Class 18 Electric*	LETRIK KELAS 19 *Class 19 Electric*	**JUMLAH** ***Total***
2010	-	0.0	7.0	18.0	17.0	20.0	20	**82**	-	58.0	-	**58**	-	-	-	10.0	**10**
2011	-	0.0	7.0	18.0	17.0	20.0	20.0	**82**	-	67.0	5	**72**	-	-	-	10.0	**10**
2012	-	-	7.0	18.0	17.0	20.0	20.0	**82**	-	60.0	5.0	**65**	-	-	-	1.0	**1**
2013	-	-	7.0	18.0	17.0	20.0	20.0	**82**	-	50.0	5.0	**55**	-	-	-	0.0	**-**
2014	-	-	7.0	17.0	17.0	20.0	20.0	**81**	-	96.0	5.0	**101**	-	-	-	4.0	**4**
2015	-	-	6.0	16.0	17.0	20.0	20.0	**79**	-	57.0	5.0	**62**	-	-	-	6.0	**6**
2016	-	-	6.0	16.0	17.0	20.0	20.0	**79**	-	57.0	15.0	**72**	-	-	-	6.0	**6**
2017	-	-	6.0	16.0	16.0	19.0	20.0	**77**	-	57.0	15.0	**72**	-	-	-	6.0	**6**
2018	-	-	6.0	16.0	17.0	20.0	20.0	**79**	-	58.0	15.0	**73**	-	-	-	10.0	**10**
2019	-	-	6.0	16.0	17.0	20.0	20.0	**79**	-	58.0	15.0	**73**	-	-	-	10.0	**10**

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)
Source: Malayan Railways Limited

JADUAL 2.5: DAFTAR GERABAK BARANG, 2010–2019
Table 2.5 : Freight Wagon Inventory, 2010–2019

TAHUN *Year*	GERABAK TERTUTUP *Covered Wagons*	GERABAK TEBING TINGGI *High Side Wagons*	GERABAK TEBING RENDAH *Low Side Wagons*	GERABAK TANGKI *Tank Wagons*				GERABAK BOLSTER *Bolster Wagons*	GERABAK TERNAKAN *Livestock Wagons*	LAIN-LAIN GERABAK *Other Wagons*	**JUMLAH** *Total*
				PETROLEUM *Petroleum*	MINYAK SAWIT *Palm Oil*	GETAH CECAIR *Latex*	AMMONIA *Ammonia*				
2010	85	-	173	95	-	1	-	1,882	-	925	**3,161**
2011	70	-	170	84	-	1	-	1,879	-	932	**3,136**
2012	70	-	170	84	-	1	-	1,879	-	932	**3,136**
2013	42	-	157	74	-	1	-	1,811	-	876	**2,961**
2014	40	-	157	50	-	1	-	1,804	-	868	**2,920**
2015	37	-	152	50	-	1	-	1,795	-	860	**2,895**
2016	45	-	151	50	-	2	-	2,615	-	-	**2,863**
2017	45	-	139	-	-	-	-	2,180	-	74	**2,438**
2018	59	-	139	19	-	1	-	2,475	2	109	**2,804**
2019	59	-	139	19	-	1	-	2,475	2	109	**2,804**

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)
Source: Malayan Railways Limited

JADUAL 2.6 : BILANGAN PENUMPANG MENGIKUT JENIS PERKHIDMATAN PENGANGKUTAN REL, 2010-2019
Table 2.6 : Number of Passengers by Type of Rail Transport Services, 2010-2019

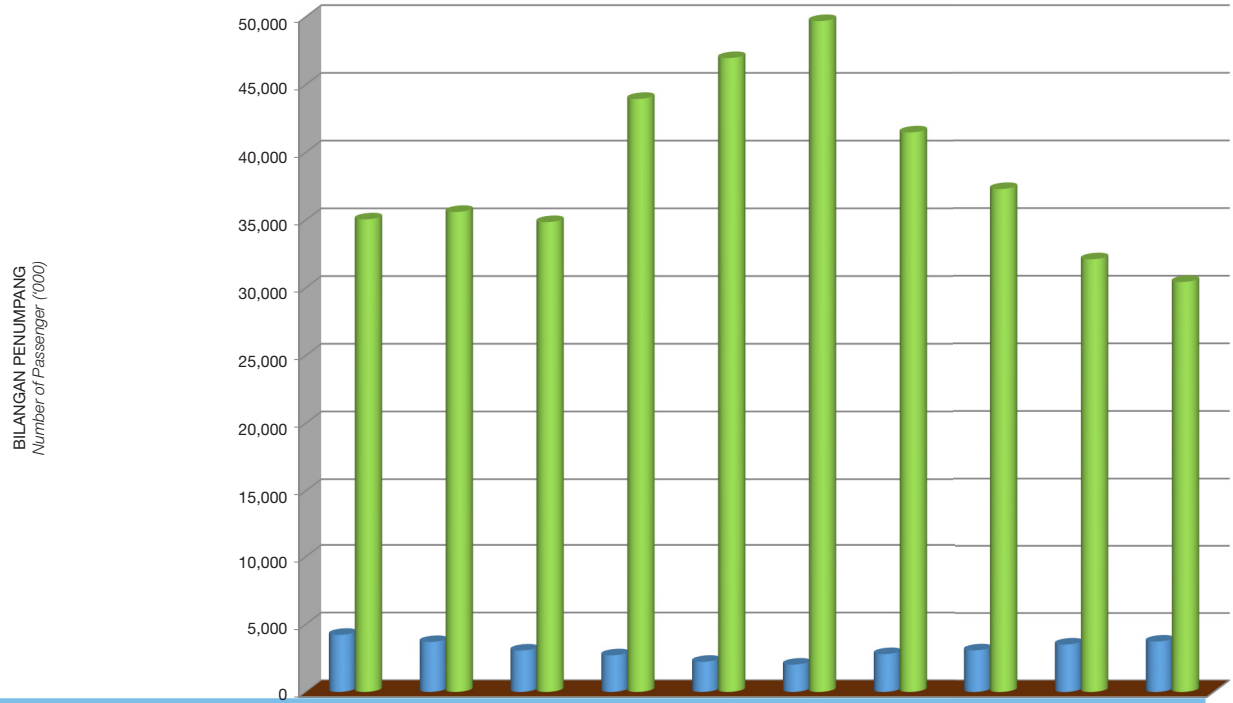
JENIS PERKHIDMATAN *Type of Services*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
LRT LALUAN AMPANG *LRT Ampang Line*	51,572,177	53,568,672	56,809,978	60,207,397	63,270,432	62,809,412	59,192,907	59,462,032	60,960,445	65,147,222
LRT LALUAN KELANA JAYA *LRT Kelana Jaya Line*	58,037,633	68,398,561	71,574,675	78,702,931	81,971,322	82,144,674	79,002,829	83,585,412	87,216,597	94,657,974
KL MONOREL *KL Monorail*	22,108,308	24,200,299	24,435,931	25,437,621	24,303,465	25,067,866	21,990,242	16,841,630	12,594,377	12,535,738
MRT LALUAN SBK *MRT SBK Line*	-	-	-	-	-	-	-	22,350,508	51,314,240	63,952,805
KLIA EKPRES *KLIA Express*	1,508,734	1,581,476	1,649,410	2,063,419	2,928,302	3,470,710	2,419,883	2,275,650	2,195,353	2,156,302
KLIA TRANSIT *KLIA Transit*	2,626,119	3,238,389	3,713,536	4,374,219	6,310,323	6,496,617	6,485,272	6,443,667	6,540,177	6,788,122

SUMBER *Source* : PRASARANA MALAYSIA BERHAD, EXPRESS RAIL LINK SDN BHD

Note: MRT Sungai Buloh-Kajang (SBK) start operation on January 2017. Data 2017 is inclusive of non fare Ridership (Free ride).

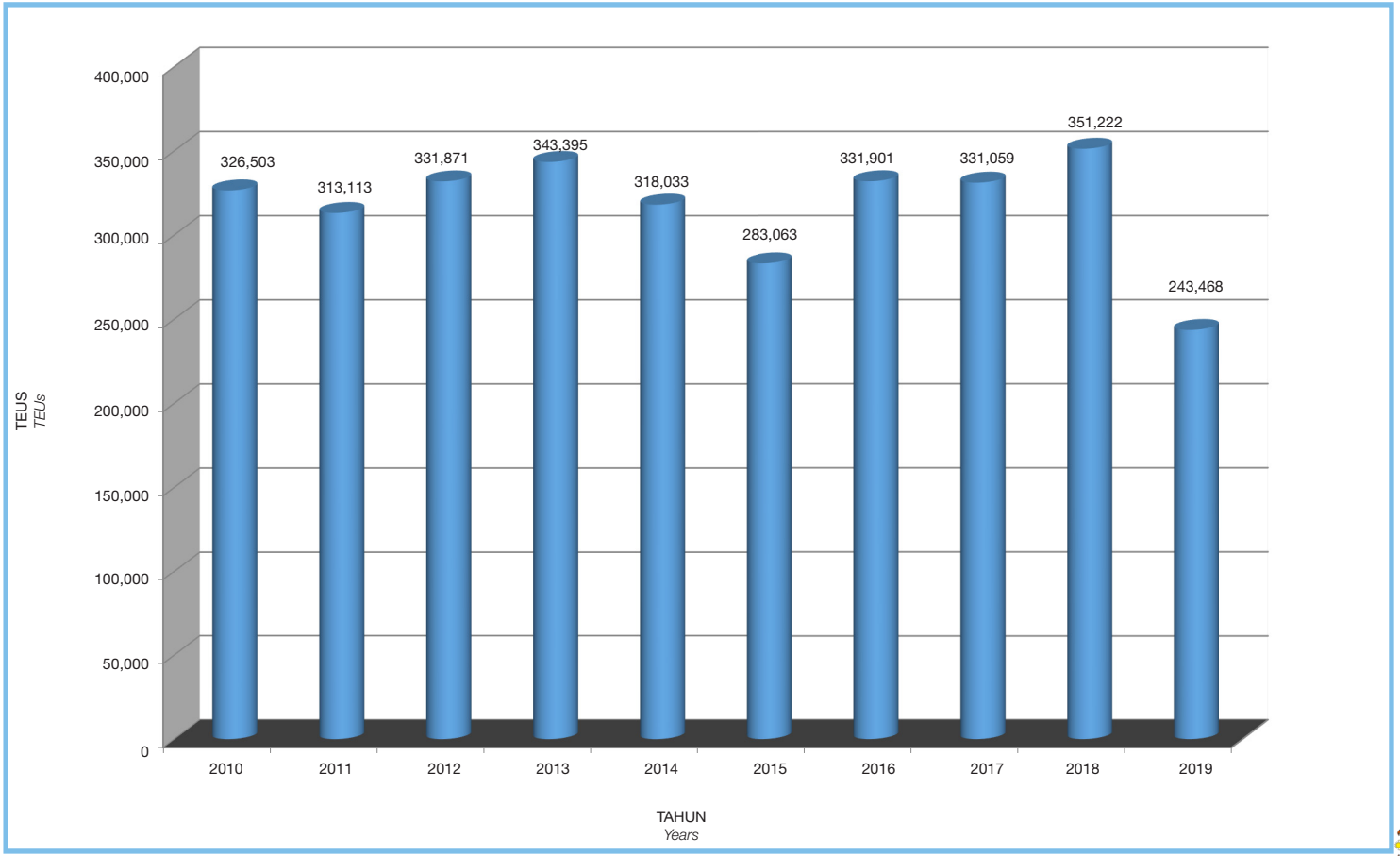
Carta 2.1: BILANGAN PENUMPANG KTMB DAN KTM KOMUTER BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD, 2010-2019

Chart 2.1: Number of KTMB and KTM Commuter Passengers for Malayan Railways Limited, 2010-2019



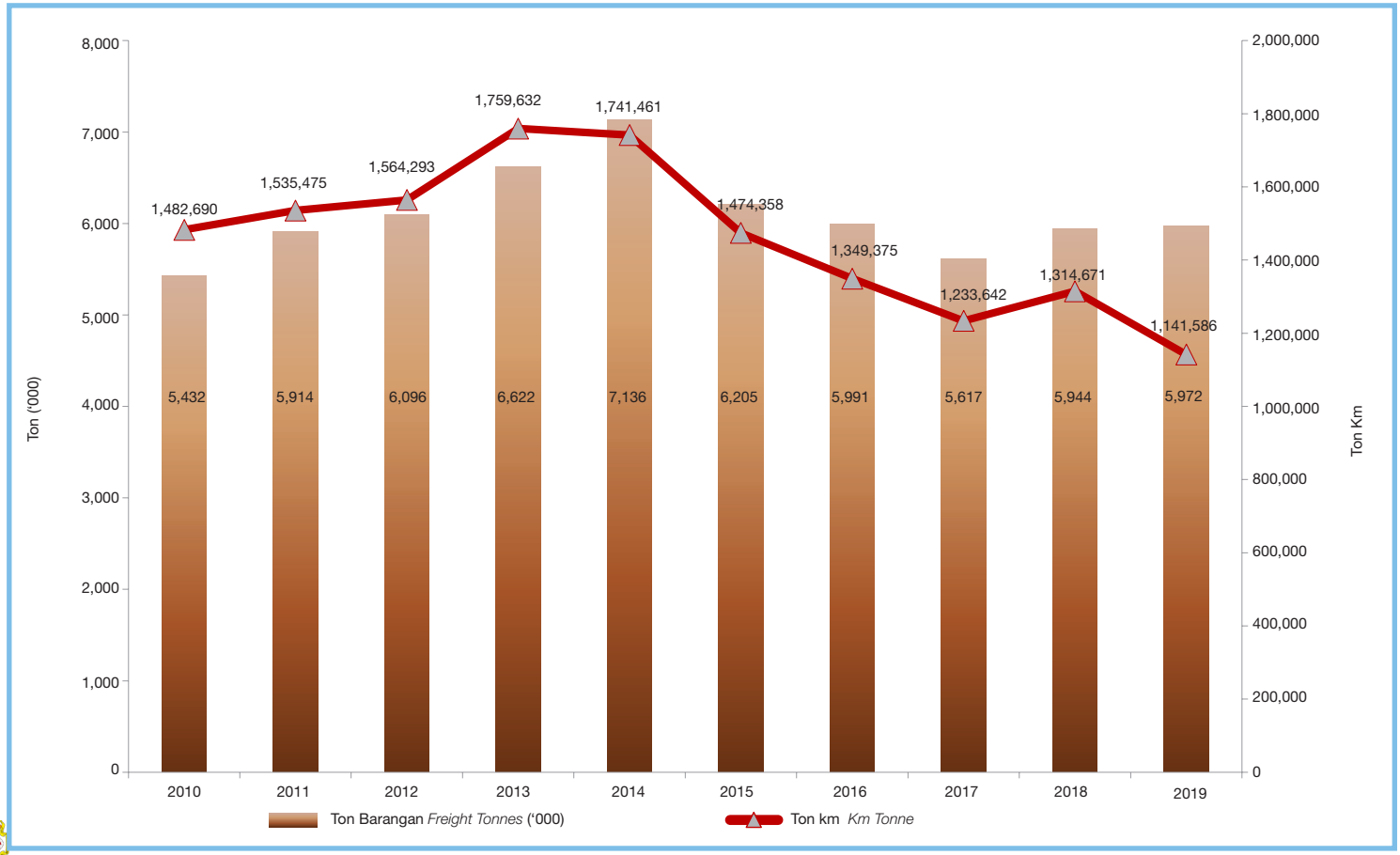
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Penumpang KTMB *KTMB Passenger*	4,216	3,685	3,056	2,703	2,223	2,015	2,791	3,092	3,527	3,746
Penumpang Komuter *Commuter Passenger*	35,048	35,599	34,847	43,942	46,957	49,690	41,469	37,274	32,078	30,404

CARTA 2.2: JUMLAH KONTENA YANG DIKENDALIKAN OLEH KERETAPI TANAH MELAYU BERHAD, 2010-2019
Chart 2.2: Total Container Handled by Malayan Railways Limited, 2010-2019



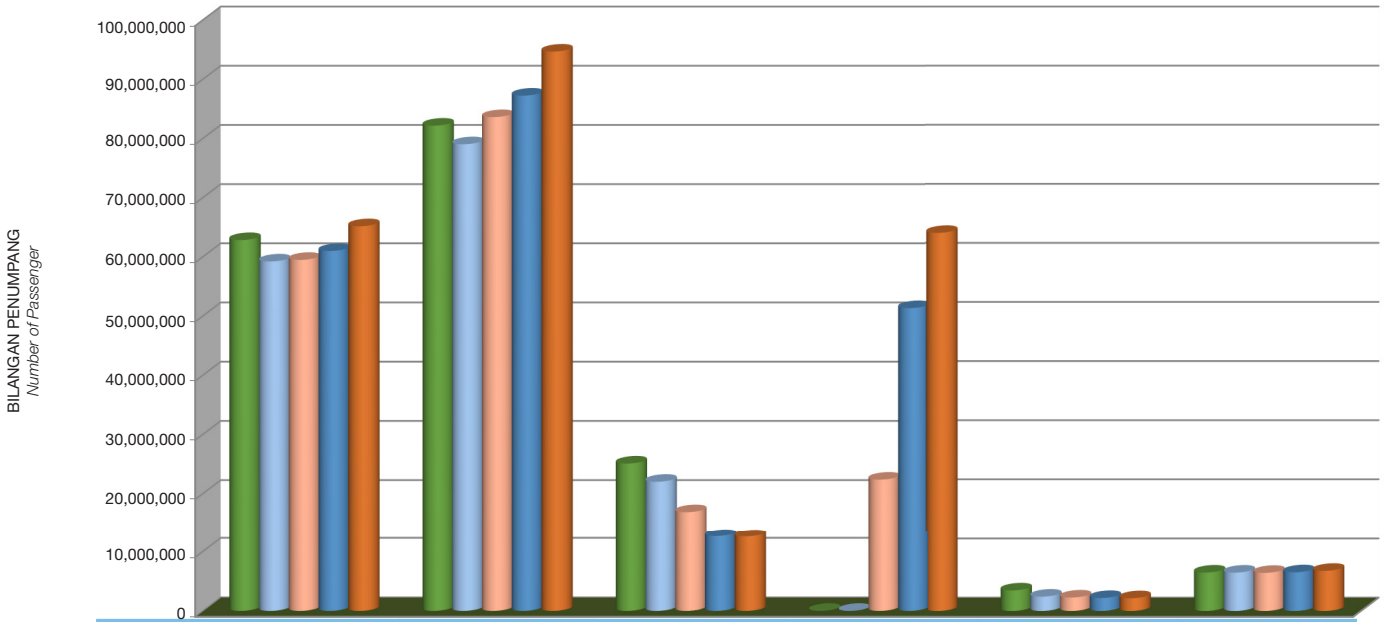
CARTA 2.3: TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD, 2010-2019

Chart 2.3: Freight Traffic for Malayan Railways Limited, 2010-2019



CARTA 2.4: BILANGAN PENUMPANG MENGIKUT JENIS PERKHIDMATAN PENGANGKUTAN REL, 2015-2019

Chart 2.4: Number of Passengers by Type of Rail Transport Services, 2015-2019



	LRT LALUAN AMPANG	LRT LALUAN KELANA JAYA	KL MONOREL	MRT LALUAN SBK	KLIA EKSPRES	KLIA TRANSIT
2015	62,809,412	82,144,674	25,067,866	-	3,470,710	6,496,617
2016	59,192,907	79,002,829	21,990,242	-	2,419,883	6,485,272
2017	59,462,032	83,585,412	16,841,630	22,350,508	2,275,650	6,443,667
2018	60,960,445	87,216,597	12,594,377	51,314,240	2,195,353	6,540,177
2019	65,147,222	94,657,974	12,535,738	63,952,805	2,156,302	6,788,122

PENGANGKUTAN MARITIM

Maritime Transport

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2010-2019
Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2010-2019

('000) FREIGHT WEIGHT TONNES

BIL *No*	PELABUHAN *Ports*		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
1	KELANG	EKSPORT *Export*	78,983	89,517	90,551	90,423	95,559	100,644	113,709	104,202	104,418	116,805
		IMPORT *Import*	91,773	104,651	107,356	109,855	121,730	119,142	131,748	108,106	116,282	126,303
		PINDAH KAPAL *Transshipment*	73	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**170,829**	**194,168**	**197,907**	**200,278**	**217,289**	**219,786**	**245,457**	**212,308**	**220,700**	**243,108**
2	PULAU PINANG	EKSPORT *Export*	12,434	12,870	12,894	12,934	12,865	13,024	13,816	14,715	15,081	14,921
		IMPORT *Import*	15,861	15,899	15,918	16,497	16,421	16,676	16,482	17,416	18,658	17,654
		PINDAH KAPAL *Transshipment*	551	620	515	650	761	614	679	642	670	553
		JUMLAH *Total*	**28,846**	**29,390**	**29,328**	**30,081**	**30,047**	**30,314**	**30,978**	**32,773**	**34,409**	**33,128**
3	JOHOR	EKSPORT *Export*	11,585	11,774	10,494	10,402	10,728	11,389	11,174	11,842	13,001	13,666
		IMPORT *Import*	16,544	20,900	15,415	16,577	16,575	17,263	16,948	16,534	18,011	17,478
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**28,129**	**32,674**	**25,909**	**26,979**	**27,303**	**28,652**	**28,122**	**28,376**	**31,012**	**31,144**
4	KUANTAN	EKSPORT *Export*	8,050	11,073	12,021	15,099	17,001	36,255	12,149	11,734	9,357	13,257
		IMPORT *Import*	4,030	4,133	4,043	4,233	4,365	3,775	4,192	5,728	8,641	12,841
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**12,079**	**15,207**	**16,064**	**19,332**	**21,367**	**40,030**	**16,341**	**17,462**	**17,998**	**26,099**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2010-2019 (SAMB.)
Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2010-2019 (Cont'd)

('000) FREIGHT WEIGHT TONNES

BIL *No*	PELABUHAN *Ports*		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
5	BINTULU	EKSPORT *Export*	34,777	36,138	35,134	37,652	38,149	37,463	38,310	40,433	36,994	39,577
		IMPORT *Import*	3,854	4,252	4,888	4,824	5,644	5,824	6,310	5,919	5,485	4,370
		PINDAH KAPAL *Transshipment*	1,995	1,313	1,136	1,329	1,602	1,450	1,379	1,293	1,575	1,249
		JUMLAH *Total*	**40,625**	**41,703**	**41,158**	**43,805**	**45,395**	**44,737**	**45,999**	**47,645**	**44,054**	**45,196**
6	TANJUNG BRUAS	EKSPORT *Export*	37	82	115	177	144	44	84	63	38	58
		IMPORT *Import*	414	361	304	301	299	479	561	805	675	928
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**451**	**443**	**420**	**477**	**443**	**523**	**645**	**868**	**713**	**986**
7	KUCHING	EKSPORT *Export*	2,144	2,148	1,875	2,183	2,284	2,529	2,260	1,900	1,665	1,758
		IMPORT *Import*	6,069	6,532	7,314	7,395	6,851	6,800	6,902	6,807	7,343	7,295
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**8,213**	**8,679**	**9,189**	**9,578**	**9,134**	**9,329**	**9,162**	**8,707**	**9,008**	**9,053**
8	MIRI	EKSPORT *Export*	5,410	4,908	4,823	5,563	5,226	4,701	4,494	4,321	4,032	3,895
		IMPORT *Import*	746	865	842	866	697	579	591	682	750	711
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**6,156**	**5,773**	**5,665**	**6,429**	**5,923**	**5,280**	**5,086**	**5,003**	**4,782**	**4,606**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2010-2019 (SAMB.)
Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2010-2019 (Cont'd)

('000) FREIGHT WEIGHT TONNES

BIL *No*	PELABUHAN *Ports*		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
9	RAJANG	EKSPORT *Export*	3,506	3,225	1,649	613	453	374	298	185	278	294
		IMPORT *Import*	1,680	1,825	1,614	1,513	1,325	1,150	1,109	1,000	1,047	995
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**5,186**	**5,050**	**3,263**	**2,126**	**1,778**	**1,524**	**1,407**	**1,185**	**1,325**	**1,289**
10	SABAH	EKSPORT *Export*	14,963	14,595	13,852	13,931	14,308	15,101	21,692	23,424	23,557	21,637
		IMPORT *Import*	13,427	13,340	13,851	13,487	14,064	12,744	11,850	12,083	12,892	12,526
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**28,391**	**27,936**	**27,703**	**27,418**	**28,372**	**27,844**	**33,542**	**35,507**	**36,449**	**34,163**
11	PORT DICKSON	EKSPORT *Export*	2,372	2,114	2,613	2,928	2,470	2,331	2,064	4,155	3,372	2,964
		IMPORT *Import*	10,285	11,256	11,755	10,179	9,542	11,714	11,711	11,811	19,234	15,386
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**12,657**	**13,370**	**14,368**	**13,107**	**12,013**	**14,045**	**13,774**	**15,966**	**22,607**	**18,350**
12	KEMAMAN	EKSPORT *Export*	1,944	2,062	3,432	2,506	2,655	3,524	3,694	3,335	2,636	4,151
		IMPORT *Import*	2,364	1,936	3,249	1,853	2,208	2,956	2,129	2,181	2,474	3,968
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**4,308**	**3,998**	**6,681**	**4,359**	**4,864**	**6,480**	**5,824**	**5,516**	**5,111**	**8,119**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2010-2019 (SAMB.)
Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2010-2019 (Cont'd)

('000) FREIGHT WEIGHT TONNES

BIL *No*	PELABUHAN *Ports*		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
13	TELUK EWA	EKSPORT *Export*	3,223	3,057	3,237	3,473	3,059	2,794	2,927	2,338	2,277	2,536
		IMPORT *Import*	729	788	696	706	717	596	516	535	451	499
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**3,952**	**3,845**	**3,933**	**4,180**	**3,776**	**3,391**	**3,443**	**2,873**	**2,727**	**3,035**
14	TANJUNG PELEPAS	EKSPORT *Export*	3,587	4,727	5,187	5,178	5,393	5,484	5,547	5,813	6,231	6,272
		IMPORT *Import*	1,224	1,259	1,412	1,584	1,823	1,988	2,134	2,203	2,342	2,500
		PINDAH KAPAL *Transshipment*	95,154	109,474	112,392	115,905	126,825	130,994	121,661	122,506	131,234	128,432
		JUMLAH *Total*	**99,965**	**115,459**	**118,991**	**122,667**	**134,040**	**138,466**	**129,342**	**130,522**	**139,807**	**137,203**
	JUMLAH BESAR *Grand Total*	EKSPORT *Export*	197,316	197,238	202,835	210,495	235,831	232,022	232,219	228,459	222,937	241,792
		IMPORT *Import*	187,904	188,596	189,686	202,011	201,641	213,117	213,182	191,810	214,285	223,453
		PINDAH KAPAL *Transshipment*	97,087	111,125	114,371	118,268	128,889	133,052	123,719	124,441	133,479	130,233
		JUMLAH *Total*	**482,308**	**496,959**	**506,892**	**530,774**	**566,361**	**578,192**	**569,120**	**544,711**	**570,701**	**595,478**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.2 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2019
Table 3.2 : Total Cargo Throughput by Ports and Type, Malaysia, 2019

('000) FREIGHT WEIGHT TONNES

PELABUHAN *Ports*	PUKAL KERING *Dry Bulk*		PUKAL CECAIR *Liquid Bulk*		KARGO AM *General Cargo*		JUMLAH *Total*	KARGO DI DALAM KONTENA *Containerised Cargo*	**JUMLAH BESAR** *Grand Total*
	PERDAGANGAN LUAR NEGERI *Foreign Trade*	PERDAGANGAN DALAM NEGERI *Local Trade*	PERDAGANGAN LUAR NEGERI *Foreign Trade*	PERDAGANGAN DALAM NEGERI *Local Trade*	PERDAGANGAN LUAR NEGERI *Foreign Trade*	PERDAGANGAN DALAM NEGERI *Local Trade*			
KELANG	8,115	1,591	4,755	2,678	5,362	2,653	25,154	217,954	**243,108**
PULAU PINANG	486	3,044	576	3,758	655	814	9,333	23,794	**33,128**
JOHOR	-	-	-	-	-	-	-	-	**31,144**
KUANTAN	14,169	858	2,984	1,371	3,746	30	23,160	2,939	**26,099**
BINTULU	1,129	1,821	5,366	30,404	233	760	39,713	5,483	**45,196**
TANJUNG BRUAS	427	-	29	-	531	-	986	-	**986**
KUCHING	562	-	509	522	460	1,230	3,283	5,770	**9,053**
MIRI	212	-	1,898	910	418	1,168	4,606	-	**4,606**
RAJANG	8	-	-	18	4	37	67	1,222	**1,289**
SABAH	-	-	-	-	-	-	-	-	**34,163**
PORT DICKSON	-	-	7,673	3,443	7,234	-	18,350		**18,350**
KEMAMAN	2,985	61	3,612	967	475	20	8,119	-	**8,119**
TELOK EWA	2,536	405	-	93	-	-	3,035	-	**3,035**
TANJUNG PELEPAS	-	-	-	-	-	-	-	137,203	**137,203**
JUMLAH *Total*	**30,629**	**7,780**	**27,402**	**44,164**	**19,118**	**6,712**	**135,805**	**394,366**	**595,478**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.3 : BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2019
Table 3.3 : Commodities Loaded by Ports And Types, Malaysia, 2019

('000) FREIGHT WEIGHT TONNES

PELABUHAN *Ports*	MINYAK KELAPA SAWIT *Palm Oil*	BUANGAN ISI SAWIT *Palm Kernel Waste*	PETROLEUM & MINYAK PEMBAKAR *Petroleum & Fuel Oil*	GAS ASLI CECAIR *Liquefied Natural Gas*	GAS PETROLEUM CAIR *Liquefied Petroleum Gas*	KAYU KAYAN PROSES *Processed Timber*	KAYU BALAK *Logs*	BIJIRIN *Grains/ Cereals*	BESI/ BESI WAJA *Iron/ Steel*	BAHAN KIMIA/ BAJA *Chemical/ Fertilizer*	GETAH & SUSU GETAH *Rubber & Latex*	SIMEN/ KLINKER *Cement/ Clinker*	BIJIH & GALIAN *Ore & Mineral*	LAIN-LAIN *Others*	**JUMLAH** *Total*
KELANG	1,840	783	164	-	128	72	60	-	331	596	-	-	-	112,831	**116,805**
PULAU PINANG	376	-	31	-	-	827	1,600	13	573	1,187	2,063	0	0	8,250	**14,921**
JOHOR	-	-	-	-	-	-	-	-	-	-	-	-	-	13,666	**13,666**
KUANTAN	1,079	230	85	-	-	-	-	-	2,974	827	-	-	2,968	5,095	**13,257**
BINTULU	4,376	715	4,795	25,422	35	889	209	-	-	-	-	132	-	3,004	**39,577**
TANJUNG BRUAS	-	-	-	-	-	-	-	-	-	-	-	-	-	58	**58**
KUCHING	248	-	0	-	-	160	-	11	127	39	44	4	-	1,126	**1,758**
MIRI	789	0	7	-	-	93	55	-	2	1	-	-	-	2,949	**3,895**
RAJANG	16	-	-	-	-	157	-	-	3	-	-	-	-	118	**294**
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	21,637	**21,637**
PORT DICKSON	-	-	2,964	-	-	-	-	-	-	-	-	-	-	-	**2,964**
KEMAMAN	-	-	292	-	631	-	-	-	464	-	-	-	1,074	1,690	**4,151**
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	2,536	-	-	**2,536**
TANJUNG PELEPAS	-	-	-	-	-	-	-	-	-	-	-	-	-	6,272	**6,272**
JUMLAH *Total*	**8,723**	**1,728**	**8,337**	**25,422**	**794**	**2,198**	**1,924**	**25**	**4,473**	**2,650**	**2,107**	**2,672**	**4,043**	**176,696**	**241,792**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.4 : BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2019
Table 3.4 : Commodities Unloaded by Ports And Types, Malaysia, 2019

('000) FREIGHT WEIGHT TONNES

PELABUHAN *Ports*	MINYAK KELAPA SAWIT *Palm Oil*	PETROLEUM & MINYAK PEMBAKAR *Petroleum & Fuel Oil*	BESI/ BESI WAJA *Iron/ Steel*	BIJIRIN *Grains/ Cereals*	GULA *Sugar*	BAHAN KIMIA/ BAJA *Chemical/ Fertilizer*	MESIN/ PERALATAN CKD *Machinery/ Component CKD*	KERTAS *Paper Reels*	KAIN *Textiles*	SIMEN/ KLINKER *Cement/ Clinker*	MAKANAN PROSES *Processed Foodstuff*	LAIN-LAIN *Others*	**JUMLAH** *Total*
KELANG	1,553	788	2,686	2,923	486	1,088	97	-	-	-	-	116,682	**126,303**
PULAU PINANG	145	3,220	830	1,648	822	349	1,232	545	220	0	545	8,097	**17,654**
JOHOR	-	-	-	-	-	-	-	-	-	-	-	17,478	**17,478**
KUANTAN	59	1,364	295	-	-	1,124	-	-	-	-	-	9,999	**12,841**
BINTULU	240	866	-	-	-	566	-	-	-	478	-	2,220	**4,370**
TANJUNG BRUAS	-	-	-	-	-	-	-	-	-	-	-	928	**928**
KUCHING	-	767	497	624	65	350	193	83	70	409	468	3,770	**7,295**
MIRI	-	12	9	-	2	8	2	2	0	-	-	677	**711**
RAJANG	-	-	85	16	12	56	112	17	24	-	217	456	**995**
SABAH	-	-	-	-	-	-	-	-	-	-	-	12,526	**12,526**
PORT DICKSON	-	-	7,079	-	-	-	-	-	-	-	-	8,307	**15,386**
KEMAMAN	-	1,752	22	-	220	201	-	-	-	-	-	1,773	**3,968**
TELOK EWA	-	93	-	-	-	-	-	-	-	-	-	405	**499**
TANJUNG PELEPAS	-	-	-	-	-	-	-	-	-	-	-	2,500	**2,500**
JUMLAH *Total*	**1,996**	**8,862**	**11,502**	**5,211**	**1,608**	**3,743**	**1,636**	**647**	**314**	**887**	**1,230**	**185,818**	**223,453**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2010-2019

Table 3.5 : Total Container Throughput By Ports, Malaysia, 2010-2019

TEUs

BIL *No*	PELABUHAN *Ports*		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
1	KELANG	EKSPORT *Export*	1,718,845	1,720,542	1,821,995	1,860,613	1,942,773	1,979,828	2,063,736	2,161,053	2,353,835	2,485,728
		IMPORT *Import*	1,716,304	1,794,508	1,872,867	1,907,495	1,962,431	1,976,188	2,038,527	2,174,755	2,394,845	2,548,592
		PINDAH KAPAL *Transshipment*	5,436,596	6,088,876	6,306,633	6,582,299	7,040,600	7,930,669	9,107,314	7,642,358	7,567,323	8,546,397
		JUMLAH *Total*	**8,871,745**	**9,603,926**	**10,001,495**	**10,350,407**	**10,945,804**	**11,886,685**	**13,209,577**	**11,978,166**	**12,316,003**	**13,580,717**
2	PULAU PINANG	EKSPORT *Export*	532,936	570,500	565,516	593,785	594,255	612,993	681,463	723,632	715,939	705,858
		IMPORT *Import*	506,841	557,050	538,074	565,894	563,557	603,007	661,323	705,922	705,841	700,642
		PINDAH KAPAL *Transshipment*	66,321	74,629	62,143	78,034	107,900	101,352	94,334	94,274	88,596	84,145
		JUMLAH *Total*	**1,106,098**	**1,202,179**	**1,165,733**	**1,237,713**	**1,265,712**	**1,317,352**	**1,437,120**	**1,523,828**	**1,510,376**	**1,490,645**
3	JOHOR	EKSPORT *Export*	394,192	344,213	332,905	339,939	350,721	364,705	373,986	411,989	441,032	480,061
		IMPORT *Import*	371,463	349,632	350,826	380,055	383,407	408,481	428,793	474,096	490,524	548,759
		PINDAH KAPAL *Transshipment*	110,613	136,495	117,327	37,029	58,373	27,338	24,234	14,607	10,033	15,034
		JUMLAH *Total*	**876,268**	**830,340**	**801,058**	**757,023**	**792,501**	**800,524**	**827,013**	**900,692**	**941,589**	**1,043,854**
4	KUANTAN	EKSPORT *Export*	72,850	67,204	69,356	63,482	67,150	72,319	73,952	76,061	78,696	80,348
		IMPORT *Import*	69,134	64,943	66,726	62,746	63,902	68,360	67,687	70,978	71,216	73,802
		PINDAH KAPAL *Transshipment*	96	649	19	320	192	280	-	2	-	-
		JUMLAH *Total*	**142,080**	**132,796**	**136,101**	**126,548**	**131,244**	**140,959**	**141,639**	**147,041**	**149,912**	**154,150**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2010-2019 (SAMB.)
Table 3.5 : Total Container Throughput By Ports, Malaysia, 2010-2019 (Cont'd)

TEUs

BIL No	PELABUHAN Ports		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
5	BINTULU	EKSPORT *Export*	74,600	70,707	84,809	89,986	94,434	86,669	99,703	119,215	128,266	135,204
		IMPORT *Import*	73,127	77,703	88,410	90,505	94,620	84,939	103,086	121,595	137,621	137,904
		PINDAH KAPAL *Transshipment*	103,569	67,041	57,834	69,862	81,441	72,091	74,322	68,339	82,778	72,398
		JUMLAH *Total*	**251,296**	**215,451**	**231,053**	**250,353**	**270,495**	**243,699**	**277,111**	**309,149**	**348,665**	**345,506**
6	TANJUNG BRUAS	EKSPORT *Export*	-	-	-	-	-	-	-	-	-	5,401
		IMPORT *Import*	-	-	-	-	-	-	-	-	-	6,229
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**11,630**
7	KUCHING	EKSPORT *Export*	92,458	104,568	112,500	122,508	110,416	108,653	106,441	108,208	119,343	115,517
		IMPORT Import	94,631	103,441	108,141	108,492	109,222	111,541	113,198	114,277	123,955	122,962
		PINDAH KAPAL *Transshipment*	3,553	6,811	11,185	18,690	8,022	5,134	4,149	3,555	2,257	2,074
		JUMLAH *Total*	**190,642**	**214,820**	**231,826**	**249,690**	**227,660**	**225,328**	**223,788**	**226,040**	**245,555**	**240,553**
8	MIRI	EKSPORT *Export*	14,599	14,234	14,676	15,224	14,519	12,919	14,445	15,167	13,777	14,046
		IMPORT *Import*	15,174	17,605	16,823	18,723	18,373	16,458	16,266	14,681	15,162	14,340
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**29,773**	**31,839**	**31,499**	**33,947**	**32,892**	**29,377**	**30,711**	**29,848**	**28,939**	**28,386**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2010-2019 (SAMB.)
Table 3.5 : Total Container Throughput By Ports, Malaysia, 2010-2019 (Cont'd)

TEUs

BIL *No*	PELABUHAN *Ports*		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
9	RAJANG	EKSPORT *Export*	39,278	43,861	43,653	34,181	29,830	28,081	23,496	18,044	25,655	29,161
		IMPORT *Import*	41,055	44,839	45,878	46,896	46,258	42,375	39,282	37,321	39,678	38,432
		PINDAH KAPAL *Transshipment*	-	-	-	-	-	-	-	-	-	-
		JUMLAH *Total*	**80,333**	**88,700**	**89,531**	**81,077**	**76,088**	**70,456**	**62,778**	**55,365**	**65,333**	**67,593**
10	SABAH	EKSPORT *Export*	155,614	164,408	183,623	180,504	191,623	181,175	177,016	175,458	192,295	189,428
		IMPORT *Import*	156,961	168,511	183,656	183,984	193,362	180,100	179,055	177,361	178,478	189,082
		PINDAH KAPAL *Transshipment*	14,251	23,276	7,345	8,554	13,815	1,910	1,315	336	3,392	874
		JUMLAH *Total*	**326,826**	**356,195**	**374,624**	**373,042**	**398,800**	**363,185**	**357,386**	**353,155**	**374,165**	**379,384**
11	TANJUNG PELEPAS	EKSPORT *Export*	208,210	285,093	308,625	310,572	322,792	325,775	326,569	336,086	368,322	364,343
		IMPORT *Import*	102,457	131,904	139,333	132,231	143,886	147,848	157,233	178,595	190,134	203,467
		PINDAH KAPAL *Transshipment*	5,988,066	6,885,463	7,045,848	6,973,716	7,765,434	8,325,125	7,796,909	7,745,929	8,402,409	8,509,676
		JUMLAH *Total*	**6,298,733**	**7,302,460**	**7,493,805**	**7,416,518**	**8,232,113**	**8,798,747**	**8,280,710**	**8,260,609**	**8,960,865**	**9,077,485**
	JUMLAH BESAR *Grand Total*	EKSPORT *Export*	3,303,582	3,385,330	3,537,658	3,610,794	3,718,513	3,773,117	3,940,807	4,144,913	4,437,160	4,605,095
		IMPORT *Import*	3,147,147	3,310,136	3,410,734	3,497,021	3,579,018	3,639,297	3,804,450	4,069,581	4,347,454	4,584,211
		PINDAH KAPAL *Transshipment*	11,723,065	13,283,240	13,608,334	13,768,504	15,075,777	16,463,899	17,102,577	15,569,400	16,156,788	17,230,598
		JUMLAH *Total*	**18,173,794**	**19,978,706**	**20,556,725**	**20,876,318**	**22,373,309**	**23,876,312**	**24,847,833**	**23,783,893**	**24,941,402**	**26,419,903**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.6 : JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2010-2019

Table 3.6 : Total Number of Ships Calling by Ports, Malaysia, 2010-2019

PELABUHAN *Ports*		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
KELANG	BIL / *No*	17,910	18,117	17,721	16,703	15,298	16,541	16,323	15,322	14,547	14,234
	GRT (' 000)	363,322	392,947	384,436	407,918	409,806	441,580	464,732	420,897	435,237	446,952
PULAU PINANG	BIL / *No*	6,136	6,327	7,796	6,309	6,137	6,226	7,008	6,610	6,449	5,798
	GRT (' 000)	60,978	62,034	66,941	63,992	59,389	64,526	68,936	82,140	73,890	74,281
JOHOR	BIL / *No*	4,882	4,899	4,252	4,133	3,964	3,984	4,044	3,951	3,850	3,858
	GRT (' 000)	38,177	36,864	30,286	29,614	25,894	28,096	30,672	31,781	38,920	41,987
KUANTAN	BIL / *No*	2,405	2,440	2,470	2,406	2,342	2,347	1,820	1,924	1,865	2,117
	GRT (' 000)	19,274	21,694	22,469	23,153	24,803	35,374	20,225	22,616	22,716	28,559
BINTULU	BIL / *No*	7,601	7,606	7,581	8,239	8,478	7,329	7,457	7,717	7,744	7,728
	GRT (' 000)	61,563	64,052	63,987	67,534	68,593	67,009	68,770	69,528	67,188	72,537
TANJUNG BRUAS	BIL / *No*	104	104	91	117	352	305	236	528	180	218
	GRT (' 000)	383	405	384	471	3,786	4,433	649	5,143	1,461	2,487
KUCHING	BIL / *No*	2,111	1,982	1,933	2,054	1,897	2,012	1,759	1,542	1,517	1,427
	GRT (' 000)	9,716	10,132	10,337	10,624	10,784	11,079	10,797	10,410	10,657	11,140
MIRI	BIL / *No*	1,645	1,692	1,779	1,702	1,508	1,039	872	1,477	3,648	6,485
	GRT (' 000)	7,720	7,156	6,134	7,545	6,745	6,041	6,148	5,424	5,627	6,115
RAJANG	BIL / *No*	1,821	1,680	1,378	1,034	908	702	667	589	574	552
	GRT (' 000)	6,990	6,360	3,611	1,998	1,416	1,022	998	894	885	867
SABAH	BIL / *No*	13,125	12,754	14,641	13,228	14,178	13,769	11,242	9,914	9,224	8,686
	GRT (' 000)	33,336	36,467	37,997	40,811	46,468	42,146	45,492	47,450	46,230	47,740
PORT DICKSON	BIL / *No*	892	869	963	854	880	897	724	741	669	736
	GRT (' 000)	11,203	10,938	11,685	12,062	11,521	19,229	17,337	11,903	11,474	13,349
KEMAMAN	BIL / *No*	553	423	605	554	495	639	633	629	541	795
	GRT (' 000)	4,240	4,187	5,723	4,002	4,401	5,711	5,567	5,282	4,970	7,846
TELUK EWA	BIL / *No*	595	589	510	527	472	376	332	336	317	308
	GRT (' 000)	2,653	2,711	2,635	3,078	2,760	2,553	2,625	2,276	2,138	2,295
TANJUNG PELEPAS	BIL / *No*	4,162	5,125	5,041	4,793	4,759	4,696	4,470	4,404	4,629	4,877
	GRT (' 000)	33,296	41,000	40,328	38,344	38,072	37,568	35,760	35,232	37,032	38,944
JUMLAH *Total*	BIL / *No*	63,942	64,607	66,761	62,653	61,668	60,862	57,587	55,684	55,754	57,819
	GRT (' 000)	652,852	696,948	686,953	711,145	714,437	766,368	778,708	750,978	758,426	795,098

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

JADUAL 3.7 : JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2019
Table 3.7 : Type of Ships Calling by Ports, Malaysia, 2019

PELABUHAN *Ports*	PERENTAS SAMUDERA *Foreign Going*							PERSISIRAN *Coastal*							JUMLAH BESAR *Grand Total*
	KONTENA *Container*		KARGO AM *General Cargo*	TANKER CECAIR *Liquid Tankers*	PUKAL KERING *Dry Bulk*	LAIN-LAIN *Others*	JUMLAH *Total*	KONTENA *Container*		KARGO AM *General Cargo*	TANKER CECAIR *Liquid Tankers*	PUKAL KERING *Dry Bulk*	LAIN-LAIN *Others*	JUMLAH *Total*	
	INDUK *Main Line*	FEEDER *Feeder*						INDUK *Main Line*	FEEDER *Feeder*						
KELANG	-	9,556	1,041	1,192	362	452	12,602	-	945	260	76	23	327	1,632	**14,234**
PULAU PINANG	826	559	531	672	210	1,698	4,496	-	-	28	137	-	1,137	1,302	**5,798**
JOHOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3,858**
KUANTAN	27	358	335	616	399	28	1,763	-	1	14	307	15	17	354	**2,117**
BINTULU	210	71	121	998	183	134	1,717	-	605	187	626	84	4,509	6,011	**7,728**
TANJUNG BRUAS	-	-	84	10	38	47	179	-	-	-	22	17	-	39	**218**
KUCHING	-	224	83	152	40	182	681	-	304	260	92	4	86	746	**1,427**
MIRI	-	-	140	40	40	-	220	-	29	6,212	24	-	-	6,265	**6,485**
RAJANG	-	-	-	-	3	-	3	445	-	97	7	-	-	549	**552**
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8,686**
PORT DICKSON	-	-	99	417	-	-	516	-	-	-	220	-	-	220	**736**
KEMAMAN	-	-	54	456	146	-	656	-	-	11	124	4	-	139	**795**
TELOK EWA	-	-	-	1	82	71	154	-	-	-	62	63	29	154	**308**
TANJUNG PELEPAS	1,789	2,949	-	-	-	-	4,738	1	138	-	-	-	-	139	**4,877**
JUMLAH *Total*	**2,852**	**13,717**	**2,488**	**4,554**	**1,503**	**2,612**	**27,725**	**446**	**2,022**	**7,069**	**1,697**	**210**	**6,105**	**17,550**	**57,819**

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT
Source: All Ports and Marine Department

JADUAL 3.8 : BILANGAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELASAN BARU) DAN BERAT, MALAYSIA, 2015-2019

Table 3.8 : Number of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2015-2019

JENIS KAPAL *Type of Ship*	2015			2016			2017			2018			2019		
	BIL No	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)
TANGKI MINYAK *Oil Tanker*	7	32	14	25	37	17	20	28	12	10	17	8	24	147	72
KAPAL LNG, LPG *LNG, LPG Carrier*	1	3	1	2	267	80	1	134	40	1	134	40	-	-	-
TANGKI KIMIA, PETROLEUM *Chemical, Petroleum Tanker*	1	27	14	1	5	2	-	-	-	-	-	-	4	20	9
KAPAL PUKAL, BIJIH, KAYU BALAK *Bulk, Grain, Ore, Log Carrier*	1	16	10	5	209	128	3	95	59	1	47	28	6	12	6
KARGO AM, SEPARA KONTENA *General Cargo, Semi Container*	5	3	1	14	13	6	4	3	1	3	3	2	10	11	5
KAPAL PENUMPANG, AM, PENUMPANG *Passenger, General, Passenger Ship*	9	2	1	14	4	1	10	6	2	10	4	2	8	5	2
RO-RO	1	25	7	-	-	-	-	-	-	1	44	13	-	-	-
KONTENA PENUH *Full Container*	1	17	7	5	87	45	2	24	10	4	47	22	9	98	47
OFFSHORE SUPPORT VESSEL	11	18	6	22	42	13	19	34	10	18	33	10	24	47	14
TONGKANG *Barge*	14	45	14	33	78	25	53	62	20	49	80	25	42	61	18
LAIN-LAIN *Others*	75	70	21	142	195	75	118	71	22	97	122	50	79	266	80
JUMLAH *Total*	**126**	**257**	**95**	**263**	**937**	**393**	**230**	**456**	**176**	**194**	**531**	**200**	**206**	**666**	**252**

SUMBER: JABATAN LAUT MALAYSIA

Source: Marine Department Malaysia

JADUAL 3.9 : JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELASAN BARU) DAN BERAT, MALAYSIA, 2015-2019

Table 3.9 : Total of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2015-2019

JENIS KAPAL *Type of Ship*	2015			2016			2017			2018			2019		
	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)
TANGKI MINYAK *Oil Tanker*	209	2,075	1,185	250	2,137	1,220	260	1,987	1,138	261	1,827	1,044	280	1,799	1,006
KAPAL LNG, LPG *LNG, LPG Carrier*	38	2,211	671	40	2,594	785	41	2,728	825	39	2,762	835	39	2,762	835
TANGKI KIMIA, PETROLEUM *Chemical, Petroleum Tanker*	47	391	159	46	369	149	42	358	144	41	357	144	39	195	86
KAPAL PUKAL, BIJIH, KAYU BALAK *Bulk, Grain, Ore, Log Carrier*	13	206	127	15	377	233	17	469	291	18	517	318	23	481	297
KARGO AM, SEPARA KONTENA *General Cargo, Semi Container*	489	575	310	491	565	303	478	533	286	472	519	277	468	519	276
KAPAL PENUMPANG, AM, PENUMPANG *Passenger, General, Passenger Ship*	360	61	22	352	72	27	352	77	29	357	79	30	362	76	28
RO-RO	12	229	70	11	190	58	10	165	51	10	162	49	10	162	49
KONTENA PENUH *Full Container*	27	195	94	32	288	140	25	220	106	25	234	112	33	328	157
OFFSHORE SUPPORT VESSEL	276	316	98	290	328	102	299	356	110	309	380	117	325	415	128
TONGKANG *Barge*	1,431	1,493	517	1,489	1,585	542	1,493	1,580	541	1,518	1,619	553	1,550	1,648	563
LAIN-LAIN *Others*	2,232	2,906	1,139	2,461	3,434	1,321	2,465	3,511	1,340	2,508	3,522	1,345	2,497	3,582	1,338
JUMLAH *Total*	**5,134**	**10,658**	**4,392**	**5,477**	**11,939**	**4,880**	**5,482**	**11,984**	**4,859**	**5,558**	**11,978**	**4,824**	**5,626**	**11,967**	**4,762**

SUMBER: JABATAN LAUT MALAYSIA

Source: Marine Department Malaysia

JADUAL 3.10 : JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2015-2019

Table 3.10 : Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLB), 2015-2019

JENIS KARGO *Type of Cargo*	2015		2016		2017		2018		2019	
	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*
KARGO KERING *Dry Bulk*	844	354	843	434	182	4	188	5	169	11
KELAPA SAWIT *Palm Oil*	36	42	35	71	33	45	27	9	22	6
PETROLUEM, DIESEL *Petroluem, Diesel*	223	646	218	821	207	696	217	691	225	638
PENUMPANG *Passenger*	129	35	138	33	143	32	149	28	138	35
KONTENA *Container*	38	39	36	36	41	19	36	15	32	11
KIMIA *Chemical*	8	173	10	131	0	0	13	90	2	5
KHIDMAT TUNDA *Towing Services*	669	583	681	602	680	555	750	350	715	207
PERALATAN KERJA CARI GALI *Exploration Work Equipment*	183	348	157	129	133	122	135	130	119	202
KENDERAAN. RO-RO *Vehicle, Ro-ro*	14	0	12	0	12	2	9	3	9	0
BAHAN BINAAN *Construction Material*	54	232	50	246	48	287	44	150	40	80
KAYU BALAK *Log Wood*	188	0	190	0	163	0	142	0	122	0
SIMEN KLINKER *Clinker Cement*	0	27	0	20	0	23	0	7	0	4
LAIN-LAIN *Others*	281	461	288	405	969	947	1,018	659	1,064	519
JUMLAH *Total*	**2,667**	**2,940**	**2,658**	**2,928**	**2,611**	**2,732**	**2,728**	**2,137**	**2,657**	**1,718**

SUMBER: LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), KEMENTERIAN PENGANGKUTAN

Source: Domestic Shipping Licensing Board (DSLB), Ministry of Transport

JADUAL 3.11 : JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS LESEN DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2015-2019

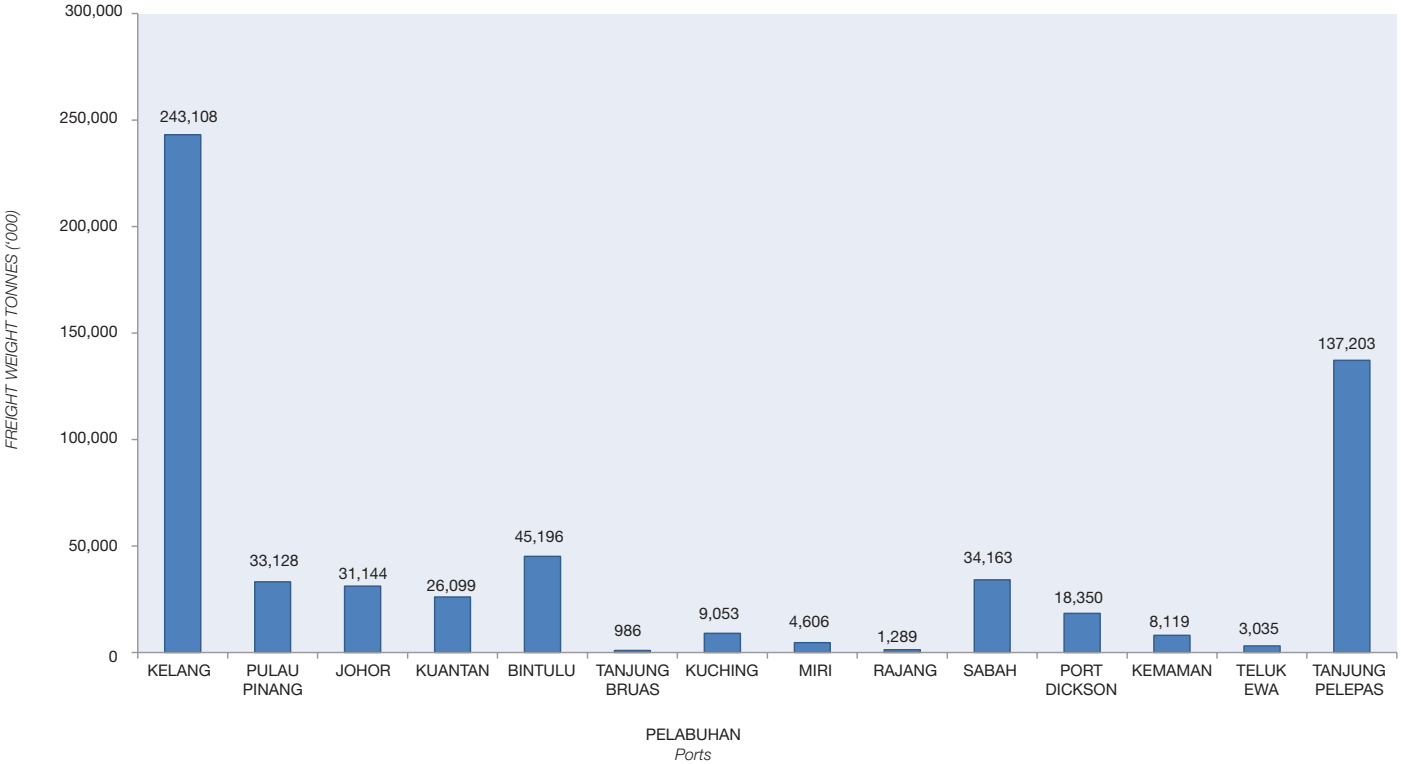
Table 3.11 : Total Number of Licenses Issued by Type of License and Registration by Domestic Shipping Licensing Board (DSLB), 2015-2019

JENIS LESEN *Type of Licenses*	2015		2016		2017		2018		2019	
	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*	DAFTARAN MALAYSIA *Malaysian Registered*	DAFTARAN ASING *Foreign Registered*
SEMENTARA *Temporary*	222	2,940	178	2,928	172	2,732	191	2,137	186	1,718
BERSYARAT *Conditional*	2,210	0	2,219	0	2,198	0	2,290	0	2,251	0
TANPA SYARAT *Unconditional*	235	0	261	0	241	0	247	0	220	0
JUMLAH *Total*	**2,667**	**2,940**	**2,658**	**2,928**	**2,611**	**2,732**	**2,728**	**2,137**	**2,657**	**1,718**

SUMBER: LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), KEMENTERIAN PENGANGKUTAN

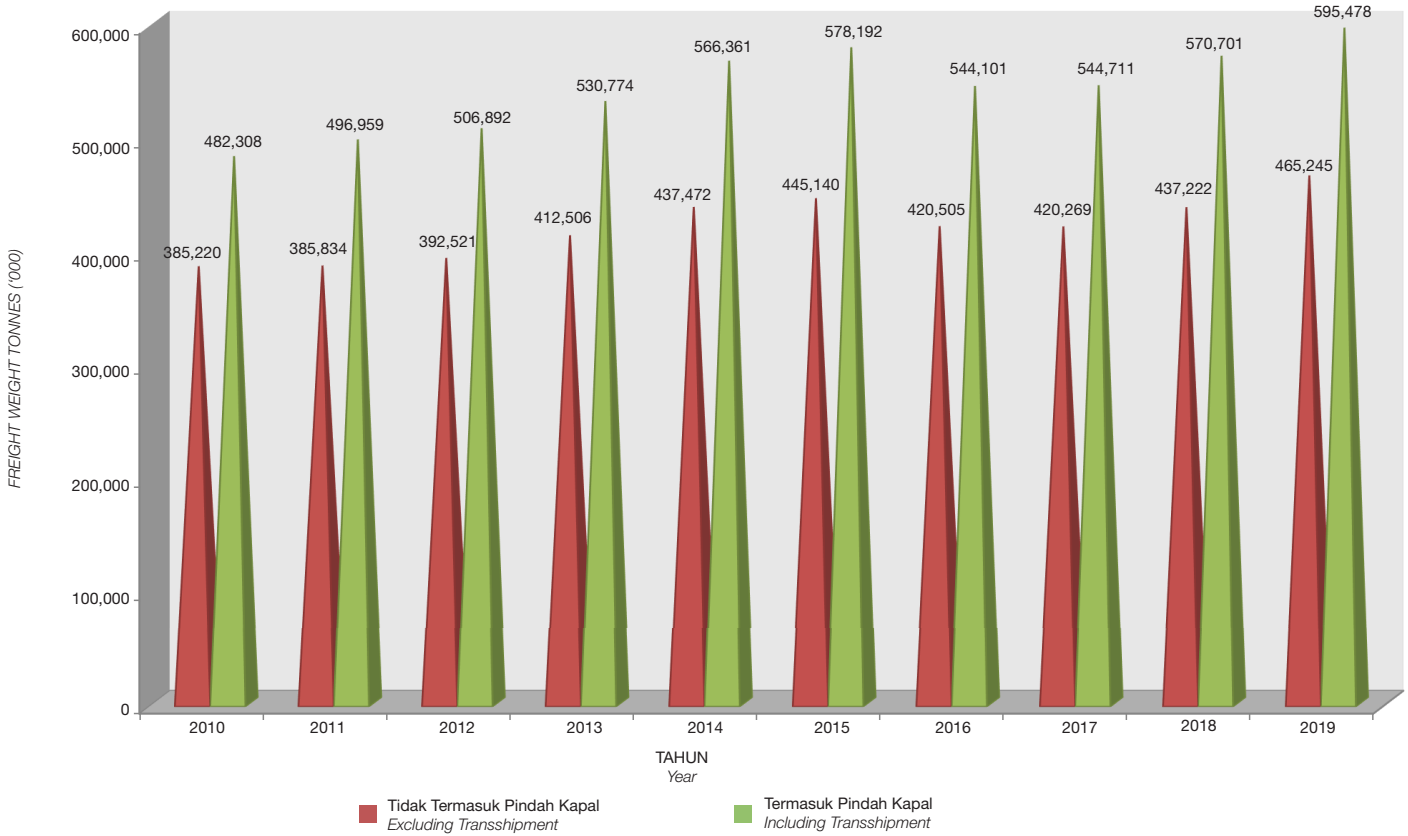
Source: Domestic Shipping Licensing Board (DSLB), Ministry of Transport

CARTA 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2019
Chart 3.1: Total Cargo Throughput by Ports, Malaysia, 2019



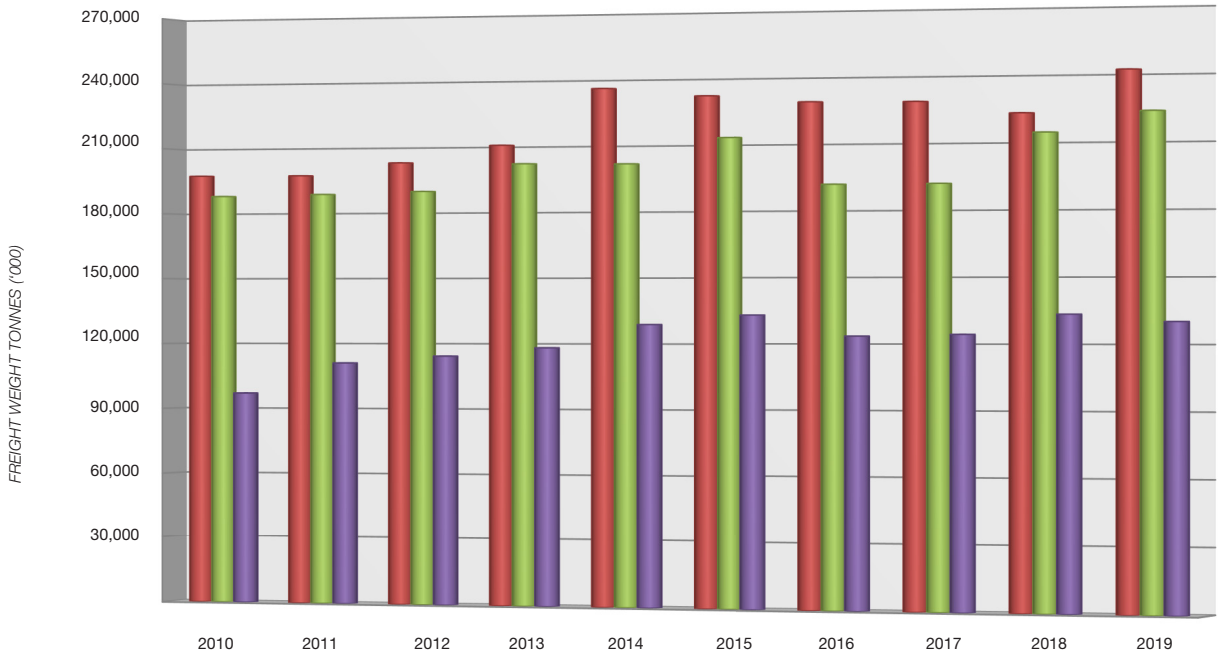
CARTA 3.2: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT TAHUN, MALAYSIA, 2010-2019

Chart 3.2: Total Cargo Throughput by Years, Malaysia, 2010-2019



CARTA 3.3: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT EKSPORT, IMPORT DAN PINDAH KAPAL DI PELABUHAN, MALAYSIA, 2010-2019

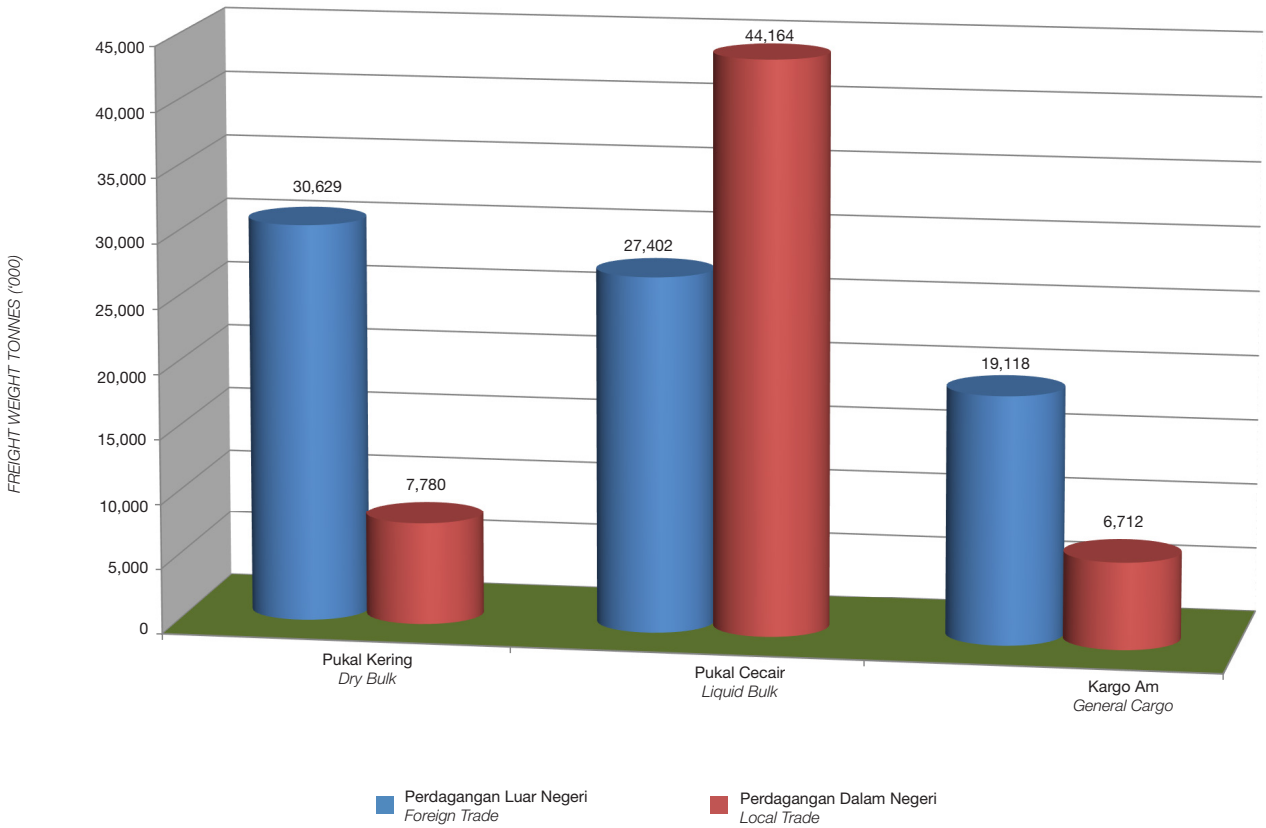
Chart 3.3: Total Cargo Throughput by Export, Import and Transhipment at Ports, Malaysia, 2010-2019



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Eksport *Export*	197,316	197,238	202,835	210,495	235,831	232,022	228,783	228,459	222,937	241,792
Import *Import*	187,904	188,596	189,686	202,011	201,641	213,117	191,722	191,810	214,285	223,453
Pindah Kapal *Transshipment*	97,087	111,125	114,371	118,268	128,889	133,052	123,596	124,441	133,479	130,233

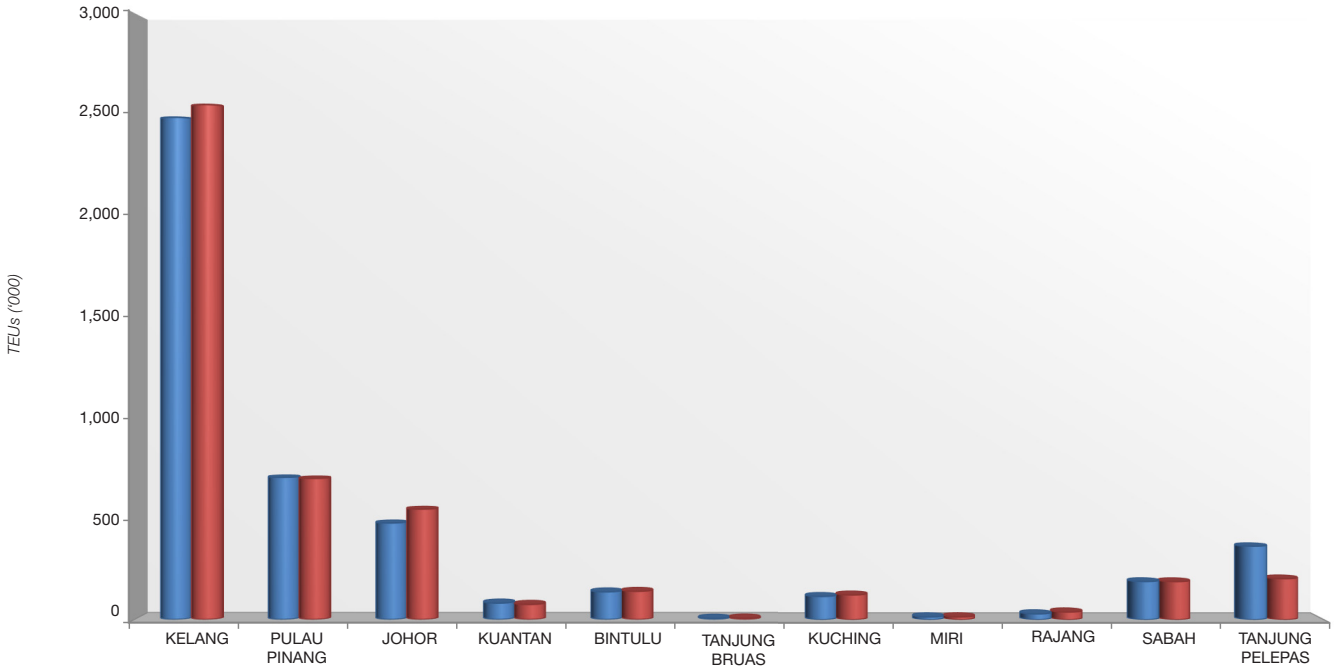
CARTA 3.4: PENGENDALIAN KARGO UNTUK PERDAGANGAN DALAM NEGERI DAN LUAR NEGERI, 2019

Chart 3.4: Cargo Handling for Local and Foreign Trade, 2019



CARTA 3.5: PENGENDALIAN KONTENA EKSPORT DAN IMPORT MENGIKUT PELABUHAN, MALAYSIA, 2019

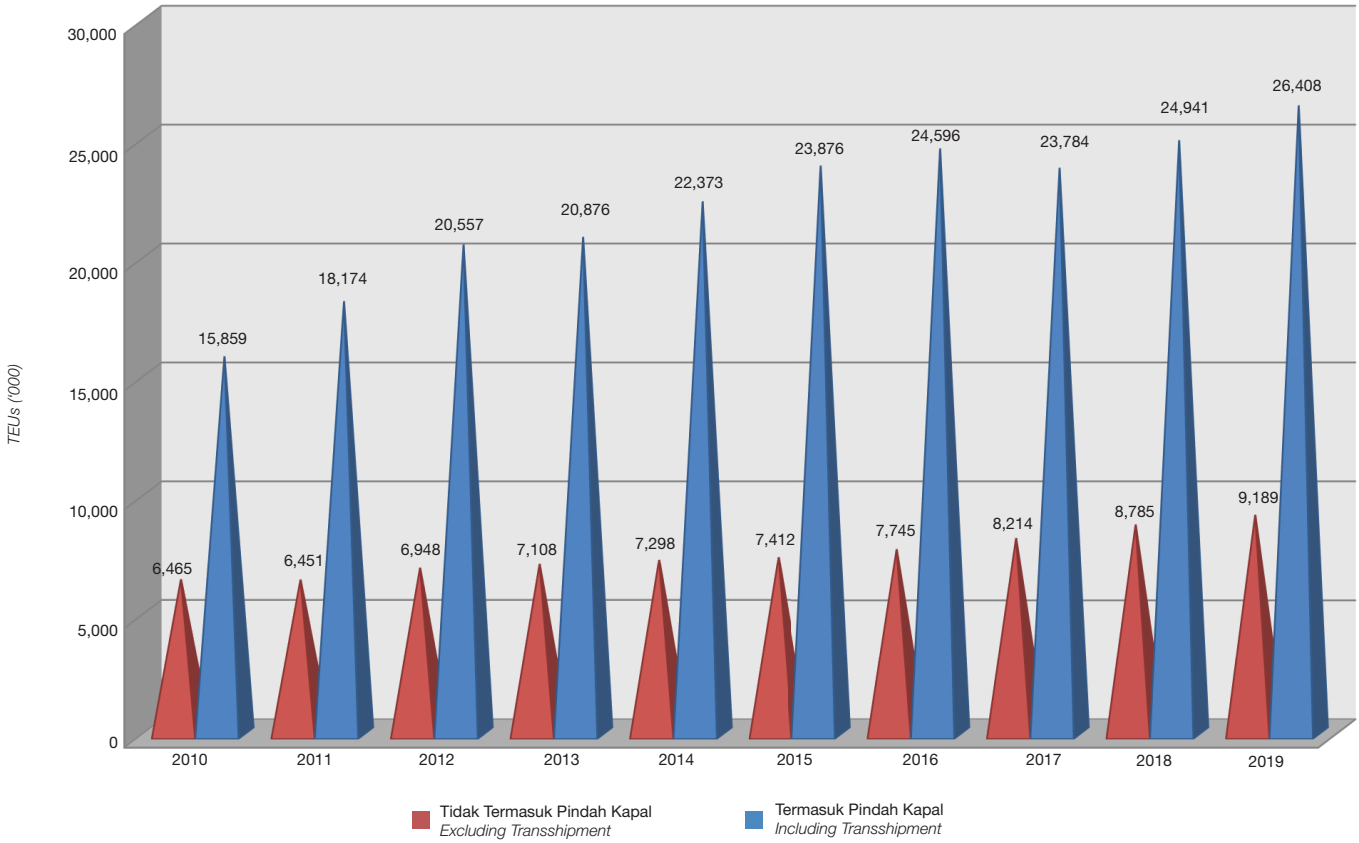
Chart 3.5: Handling of Export and Import Container by Ports, Malaysia, 2019



	KELANG	PULAU PINANG	JOHOR	KUANTAN	BINTULU	TANJUNG BRUAS	KUCHING	MIRI	RAJANG	SABAH	TANJUNG PELEPAS
Eksport *Export*	2,485,728	705,858	480,061	80,348	135,204	5,401	115,517	14,046	29,161	189,428	364,343
Import *Import*	2,548,592	700,642	548,759	73,802	137,904	6,229	122,962	14,340	38,432	189,082	203,467

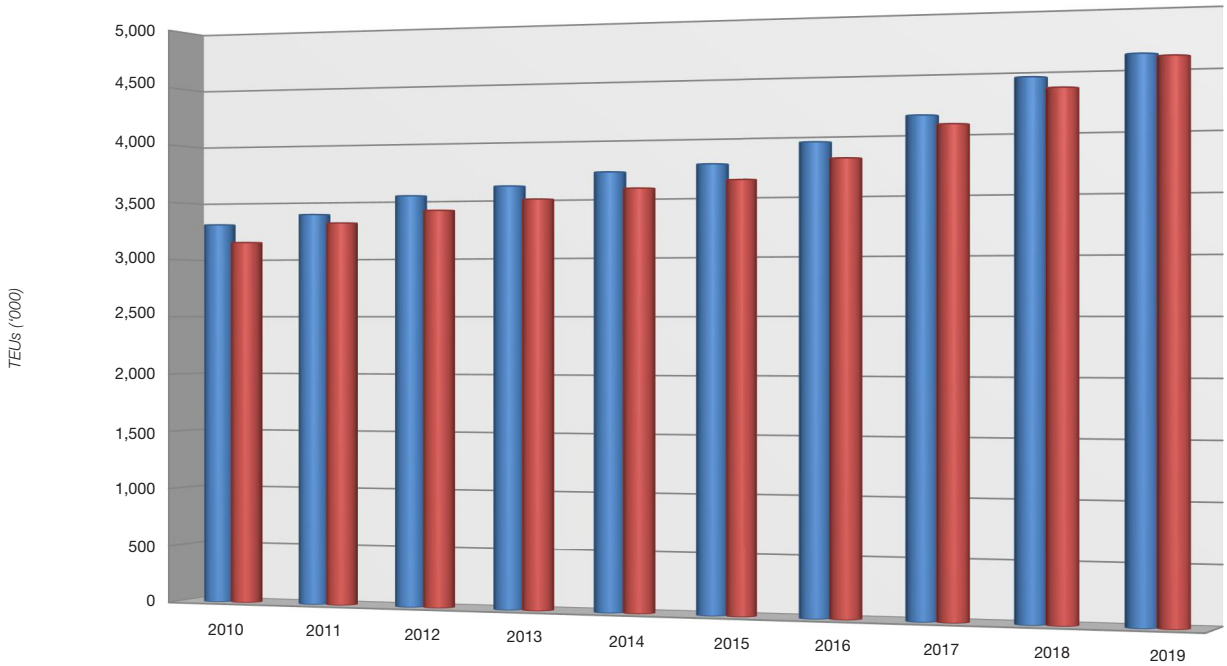
CARTA 3.6: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT TAHUN, MALAYSIA, 2010-2019

Chart 3.6: Total Container Throughput by Years, Malaysia, 2010-2019



CARTA 3.7: PENGENDALIAN KONTENA EKSPORT DAN IMPORT MENGIKUT TAHUN, MALAYSIA, 2010-2019

Chart 3.7: Handling of Export and Import Container by Years, Malaysia, 2010-2019



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Eksport *Export*	3,303,582	3,385,330	3,537,658	3,610,794	3,718,513	3,773,117	3,940,807	4,144,913	4,437,160	4,605,095
Import *Import*	3,147,147	3,310,136	3,410,734	3,497,021	3,579,018	3,639,297	3,804,450	4,069,581	4,347,454	4,584,211

PENGANGKUTAN UDARA

Air Transport

JADUAL 4.1 : KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2019
Table 4.1 : International Airport Facilities, Malaysia, 2019

LAPANGAN TERBANG *Airport*	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT *Airport Fire & Rescue Services Category (AFRS)*	PANJANG/ LEBAR LANDASAN *Runway Length/ Width (m)*	KEUPAYAAN LANDASAN *Load Classification Number*	WAKTU BEROPERASI *Hours of Operation*	PENDARATAN PESAWAT TERBESAR *Biggest Aircraft Landed*	SISTEM PERHUBUNGAN & PEMALIMAN UDARA *Radio & Air Navigational Aids*
KLIA KLIA 2	CAT 10	RWY 1 : 4019 x 60 RWY 2 : 4000 x 60 RWY 3 : 3960 x 60	PCN 100 F/C/W/T	24 HOURS	**Scheduled Aircraft** RWY 1 : Code F Aircraft (A380) RWY 2 : Code F Aircraft (A380) RWY 3 : Code E Aircraft (A330) and provision Code F Aircraft (A380) **Cargo** AN225	"DVOR/DME RWY 1 (2 x ILS/DME CAT I) RWY 2 (2 x ILS/DME CAT I) RWY 3 (2 x ILS/DME CAT I)"
JOHOR	CAT 8	3,800 m x 45 m	PCN 70 F/ C / X / T	2200-1600 UTC	AN 124-100 / A380	Rwy 16 (CAT 1) ILS/LOC, GP/DME,NDB,VOR/DME Rwy 34 Simple App
PULAU PINANG	CAT 9	3354 x 46	PCN 93/F/A/W/T	24 HOURS	**Scheduled Aircraft** Code E Aircraft (A330 & B787) **Cargo** Code E Aircraft (B747-400)	ILS GP/DME DVOR/DME
LANGKAWI	CAT 9	3813 x 45	PCN 89/F/A/W/T	2200-1500 UTC Daily	**Scheduled Aircraft** Code E Aircraft (A330 & B787)	ILS/LOC GP/DME DVOR/DME
KUCHING	CAT 9	3780x46	PCN 100/F/A/ W/T	24 HOURS	**Scheduled Aircraft** Code C Aircraft (B738/ A320) **Cargo** Code C Aircraft (B737-400)	ILS/LOC GP/DME DVOR/DME
KOTA KINABALU	CAT 9	3780x45	PCN 86/F/C/X/T	24 HOURS	**Scheduled Aircraft** Code E Aircraft (B747) **Cargo** Code E Aircraft (B747)	RWY 02 ILS/LOC GP/DME RWY 20 ILS/LOC GP/DME VOR/DME (Mag. Var. 01'E. 2014) NDB

SUMBER *Source*: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.2 : KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2019

Table 4.2 : Domestic Airport Facilities, Malaysia, 2019

LAPANGAN TERBANG *Airport*	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT *Airport Fire & Rescue Services Category (AFRS)*	PANJANG/ LEBAR LANDASAN *Runway Length/ Width (m)*	KEUPAYAAN LANDASAN *Load Classification Number*	WAKTU BEROPERASI *Hours of Operation*	PENDARATAN PESAWAT TERBESAR *Biggest Aircraft Landed*	SISTEM PERHUBUNGAN & PEMALIMAN UDARA *Radio & Air Navigational Aids*
ALOR SETAR	Required: CAT 7	2745 x 45	PCN 96/F/C/X/T	2230 - 1430 UTC Daily	**Scheduled Aircraft**: Code E Aircraft (A330) **Cargo**: Code C Aircraft (B737)	ILS/LOC,GP/DME, DVOR/DME
KOTA BHARU	CAT 7	2400 x 45	PCN 51/F/A/W/T	2200 - 1530 UTC Daily	**Scheduled Aircraft:** Code C Aircraft (B738 & A320)	VOR/DME, LOC, GP/ DME
KUANTAN	CAT 8	2743 x 45	PCN 50	a. Mon - Fri: 0001 - 0830 UTC b. Military Flying Operation : - Mon - Fri : 0001 - 0900 UTC - Friday closed btn 0500 -0600 UTC - Sat, Sun and Public Holiday : 48 hour PPR - Night Flying will be carried out on any day of the week. For Thursday night, the night flying shall commence after 1300 UTC with special authorisation by Base Commander.	**Scheduled Aircraft** Code C Aircraft (B738 & A320) **Cargo** Code D Aircfraft (IL76) by Malaysian Air Force	ILS/LOC GP/DME DVOR/TACAN
KERTEH	CAT 5	1,347 m x 35 m	PCN 27 / F/ A / X / T	2245 UTC - 1100 UTC	ATR 72	Rwy 16 (CAT 1) ILS/LOC, GP/DME,NDB,VOR/DME Rwy 34 Simple App
IPOH	CAT 7	2000 x 45	PCN 77	2300 - 1300 UTC Daily.	Scheduled Aircraft Code C Aircraft (B738 & A320)	ILS/LOC, GP/DME, VOR/DME
MELAKA	CAT 7	2135 x 45	PCN 47/F/D/X/T	2300 - 1100 UTC Daily.	Scheduled Aircraft Code C Aircraft (B738 & A320)	DVOR/DME, ILS/LOC, GP/DME
KUALA TERENGGANU	CAT 7	3480 x 45	PCN 81/F/B/W/T	2300 - 1400 UTC Daily	**Scheduled Aircraft:** Code C Aircraft (A321 NEO) **Cargo:** NIL	ILS/LOC, GP/DME, VOR/DME
SUBANG	CAT 7	3782 x 45	PCN 87/F/B/W/T	24 HOURS	**Scheduled Aircraft:** Code C Aircraft ATR 72 **Cargo:** Code E Aircraft (B747-400)	ILS/LOC, GP/DME. NDB, DVOR/DME
PULAU TIOMAN	CAT 3	913 x 32	Asphalt (Flexible)PCN Not Available	sunrise to sunset	DHC-7	DVOR/DME
BINTULU	Required: CAT 7	2745 x 45	PCN 100/F/A/W/T	2200 - 1300 UTC Daily	**Scheduled Aircraft:** Code C Aircraft (A320) **Cargo:** Code E Aircraft (B747-200)	ILS/LOC, GP/DME, DVOR/DME
MIRI	CAT 7	2745 x 60	PCN 79/F/C/X/T	2200 - 1530 UTC Daily	**Scheduled Aircraft:** Code C Aircraft (A321 Neo) **Cargo:** Code E Aircraft (737-400)	ILS/LOC, GP/DME, DVOR/DME
SIBU	CAT 7	2745 x 45	PCN 61/F/C/X/T	2200 - 1400 UTC Daily	**Scheduled Aircraft:** Code C Aircraft (A321 Neo) **Cargo:** NIL	ILS/LOC, GP/DME, DVOR/DME
LAHAD DATU	CAT 5	1380 x 30	PCN 17	0000 - 0900 UTC Daily	**Scheduled Aircraft:** Code 3C Aircraft (ATR72)	NIL
LABUAN	CAT 8	2745 x 45	PCN 79/F/C/X/T	2200 - 1400 UTC Daily	**Scheduled Aircraft:** Code C Aircraft (A321 Neo) **Cargo:** Code E Aircraft (737-400)	ILS/LOC, GP/DME , NDB , DVOR/DME
SANDAKAN	CAT 7	2133 x 45	55 F/B/W/T	2300 - 1400 UTC Daily	**Scheduled Aircraft**: Code C Aircraft (A320 Neo /B738) **Cargo:** NIL	ILS/LOC , GP/DME , DVOR/DME
TAWAU	CAT 7	2685 x 47	PCN 69/F/C/W/T	2300 - 1400 UTC Daily	**Scheduled Aircraft:** Code C Aircraft (A321 Neo) **Cargo:** Code C Aircraft (B737-400)	ILS/LOC , GP/DME, NDB , DVOR/DME
LIMBANG	CAT 5	1500 x 30	15/F/C/W/T	2300 - 1400 UTC Daily	**Scheduled Aircraft:** Code C Aircraft (ATR 72) **Cargo:** NIL	DVOR/DME
MULU	CAT 5	1507 M x 30M	PCN 19 F/C/X/T	sunrise to sunset	**Scheduled Aircraft:** Code C Aircraft (ATR 72)	DVOR/DME

SUMBER *Source*: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2019
Table 4.3 : Airstrips Facilities, Malaysia, 2019

LAPANGAN TERBANG *Airport*	PANJANG / LEBAR LANDASAN *Runway Length / Width (m)*	KEUPAYAAN LANDASAN *Load Classification Number*	WAKTU BEROPERASI *Hours of Operation*	PENDARATAN PESAWAT TERBESAR *Biggest Aircraft Landed*	SISTEM PERHUBUNGAN & PEMALIMAN UDARA *Radio and Air Navigational Aids*
SEMENANJUNG MALAYSIA *Peninsular Malaysia*					
SITIAWAN	n.a	n.a	n.a	n.a	n.a
MERSING	n.a	n.a	n.a	n.a	n.a
BIDOR	n.a	n.a	n.a	n.a	n.a
BAKRI / MUAR	n.a	n.a	n.a	n.a	n.a
SEGAMAT	n.a	n.a	n.a	n.a	n.a
SUNGAI TIANG	n.a	n.a	n.a	n.a	n.a
PULAU PANGKOR	732 x 30	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 1C Aircraft (DHC-7)	NIL
PULAU TIOMAN	913 x 32	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 2C Aircraft (DHC-7)	DVOR/DME
PULAU REDANG	1101 x 30	PCN 14/F/C/Y/T	sunrise to sunset	Code 2C Aircraft (ATR72 Restricted Load / DHC-7)	NIL
ULU BERNAM	n.a	n.a	n.a	n.a	n.a
JENDERATA	n.a	n.a	n.a	n.a	n.a
SARAWAK					
BARIO	671 x 18	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 1B Aircraft (DHC-6)	NIL
LAWAS	758 x17	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 1B Aircraft (DHC-6)	NIL
BELAGA	n.a	n.a	n.a	n.a	n.a
KAPIT	n.a	n.a	n.a	n.a	n.a
BAKELALAN	550 x 18	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 1B Aircraft (DHC-6)	NIL
LONG LELLANG	799 x 18	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 1B Aircraft (DHC-6)	NIL
LONG SEMANDO	n.a	n.a	n.a	n.a	n.a
LONG SERIDAN	548 x 19	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 1B Aircraft (DHC-6)	NIL
LONG BANGA	548 x 18	PCN 12/F/C/Y/U	sunrise to sunset	Code 1B Aircraft (DHC-6)	NIL
MUKAH	1511 x 30	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 3B Aircraft (DHC-6)	NIL
MARUDI	834 x 24	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 2B Aircraft (DHC-6)	NIL
LONG AKAH	679 x 18	PCN 12/F/C/Y/U	sunrise to sunset	Code 1B Aircraft (DHC-6)	NIL

SUMBER *Source* : MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB)

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2019 (SAMB.)
Table 4.3 : Airstrips Facilities, Malaysia, 2019 (Cont'd)

LAPANGAN TERBANG *Airport*	PANJANG / LEBAR LANDASAN *Runway Length / Width (m)*	KEUPAYAAN LANDASAN *Load Classification Number*	WAKTU BEROPERASI *Hours of Operation*	PENDARATAN PESAWAT TERBESAR *Biggest Aircraft Landed*	SISTEM PERHUBUNGAN & PEMALIMAN UDARA *Radio and Air Navigational Aids*
SABAH					
KUDAT	729 X 18	Asphalt (Flexible) / PCN Not Available	sunrise to sunset	Code 1B Aircraft (DHC-6)	NIL
PAMOL	n.a	n.a	n.a	n.a	n.a
SEMPORNA	n.a	n.a	n.a	n.a	n.a
RANAU	n.a	n.a	n.a	n.a	n.a
KENINGAU	n.a	n.a	n.a	n.a	n.a
LONG PASIA	n.a	n.a	n.a	n.a	n.a
KUALA PENYU	n.a	n.a	n.a	n.a	n.a
SEPULOT	n.a	n.a	n.a	n.a	n.a
SAHABAT	n.a	n.a	n.a	n.a	n.a
TOMMANGGONG	n.a	n.a	n.a	n.a	n.a
TELUPID	n.a	n.a	n.a	n.a	n.a
KELABAKAN	n.a	n.a	n.a	n.a	n.a
HUNTER (MOROTAI)	n.a	n.a	n.a	n.a	n.a
KUALA KAHABA	n.a	n.a	n.a	n.a	n.a
KUALA MEDAMIT	n.a	n.a	n.a	n.a	n.a
MARAK-MARAK	n.a	n.a	n.a	n.a	n.a
MERIDI	n.a	n.a	n.a	n.a	n.a
NANGOH	n.a	n.a	n.a	n.a	n.a
PARAMUDU	n.a	n.a	n.a	n.a	n.a
ULU TOMAN	n.a	n.a	n.a	n.a	n.a
WALLACE BAY	n.a	n.a	n.a	n.a	n.a

SUMBER *Source* : MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB)

JADUAL 4.4 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2010-2019

Table 4.4 : Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2010-2019

LAPANGAN TERBANG *Airports*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
KLIA	33,718,562	37,313,395	39,513,546	47,143,539	24,545,711	22,298,140	25,305,221	28,196,313	28,021,775	29,128,481
KLIA2	-	-	-	-	24,026,123	26,319,086	27,119,023	30,267,030	31,866,394	33,128,941
PULAU PINANG	4,143,421	4,561,998	4,762,256	5,485,756	6,036,326	6,251,955	6,661,225	7,188,238	7,771,548	8,318,772
KOTA KINABALU	5,115,774	5,772,115	5,844,608	6,929,692	6,785,957	6,568,371	7,263,224	8,006,446	8,622,119	9,444,570
KUCHING	3,648,548	4,247,775	4,159,864	4,843,141	4,830,778	4,758,089	4,911,331	5,086,208	5,559,092	5,955,776
LANGKAWI	1,372,618	1,503,262	1,593,043	1,946,220	2,221,997	2,336,177	2,655,271	2,767,707	2,735,262	2,945,924
JOHOR BHARU	1,235,355	1,337,562	1,376,383	1,990,106	2,325,816	2,581,966	2,828,074	3,124,799	3,522,519	4,204,898
KOTA BHARU	1,047,755	1,132,345	1,259,205	1,585,238	1,800,836	2,063,745	2,062,248	1,988,212	1,688,625	1,823,089
IPOH	48,508	71,169	73,354	74,320	98,768	222,606	269,696	274,146	315,673	457,231
KUALA TERENGGANU	520,611	502,966	550,831	699,310	842,651	857,239	900,218	943,660	894,737	913,671
ALOR SETAR	400,997	407,717	433,644	535,073	660,264	719,029	787,706	802,304	817,253	919,875
MELAKA	21,687	21,261	34,352	21,637	14,178	69,710	58,703	62,076	52,493	135,569
SUBANG	1,118,309	1,320,227	1,442,514	1,858,823	2,762,399	3,059,035	2,834,836	2,880,536	1,964,059	2,259,595
KUANTAN	220,878	248,846	280,074	317,440	314,130	292,109	247,757	241,314	258,816	394,599
TIOMAN	54,056	62,010	60,141	56,054	9,217	-	-	-	-	-
PANGKOR	2,588	547	4,068	5,791	205	-	-	-	-	-
REDANG	48,610	46,159	35,922	35,982	11,087	-	-	-	51	-
LABUAN	479,481	522,320	575,646	669,137	715,052	641,846	570,948	553,772	557,802	709,278
LAHAD DATU	113,442	131,054	142,733	145,930	161,230	143,654	140,077	127,651	124,803	140,583
SANDAKAN	706,455	756,144	814,999	889,250	877,475	837,768	863,701	878,204	940,139	1,082,627
TAWAU	897,848	922,452	982,108	1,202,344	1,218,311	1,203,792	1,271,915	1,374,881	1,642,171	1,833,540
BINTULU	506,000	567,519	637,158	750,994	795,118	779,413	779,086	826,501	909,057	1,114,318
MIRI	1,676,281	1,843,005	2,005,697	2,214,660	2,355,071	2,241,913	2,195,145	2,179,799	2,343,468	2,433,651
SIBU	994,394	1,118,852	1,183,419	1,357,909	1,411,539	1,438,502	1,455,293	1,485,385	1,570,591	1,751,556
MULU	63,122	63,477	49,619	49,432	52,175	51,387	60,074	62,656	57,505	59,501
LIMBANG	48,312	56,211	57,852	61,074	63,870	58,300	55,437	49,461	45,475	57,638
STOL SABAH	607	4,198	4,350	3,798	3,585	4,007	5,216	4,542	3,951	1,589
STOL SARAWAK	160,230	166,168	153,590	143,678	148,136	150,340	155,109	151,949	147,676	147,804
SEMENANJUNG *Peninsular*	43,953,955	48,529,464	51,419,333	61,755,289	65,669,708	67,070,797	71,729,978	78,736,335	79,909,205	84,630,645
SABAH	7,313,607	8,108,283	8,364,444	9,840,151	9,761,610	9,399,438	10,115,081	10,945,496	11,890,985	13,212,187
SARAWAK	7,096,887	8,063,007	8,247,199	9,420,888	9,656,687	9,477,944	9,611,475	9,841,959	10,632,864	11,520,244
JUMLAH *Total*	**58,364,449**	**64,700,754**	**68,030,976**	**81,016,328**	**85,088,005**	**85,948,179**	**91,456,534**	**99,523,790**	**102,433,054**	**109,363,076**

SUMBER *Source*: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.5 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2019

Table 4.5 : Total Passengers Handled by Airports, Malaysia, 2019

LAPANGAN TERBANG *Airports*	DALAM NEGERI *Domestic*			ANTARABANGSA *International*			JUMLAH *Total*			TRANSIT *Transit*			PERBANDINGAN TAHUN KE TAHUN *Year on Year Comparison*		
	KETIBAAN *Arrival*	BERLEPAS *Departure*	JUMLAH *Total*	KETIBAAN *Arrival*	BERLEPAS *Departure*	JUMLAH *Total*	KETIBAAN *Arrival*	BERLEPAS *Departure*	JUMLAH *Total*	DALAM NEGERI *Domestic*	ANTARABANGSA *International*	JUMLAH *Total*	2019	2018	% +/-
KLIA	2,911,264	2,883,709	5,794,973	11,453,899	11,879,609	23,333,508	14,365,163	14,763,318	29,128,481	-	78,240	78,240	29,206,721	28,121,680	3.9%
KLIA2	5,848,025	5,759,739	11,607,764	10,578,187	10,942,990	21,521,177	16,426,212	16,702,729	33,128,941	121	686	807	33,129,748	31,866,729	4.0%
PULAU PINANG	2,292,178	2,284,850	4,577,028	1,850,815	1,890,929	3,741,744	4,142,993	4,175,779	8,318,772	2,679	9,840	12,519	8,331,291	7,790,423	6.9%
KOTA KINABALU	3,175,931	3,182,339	6,358,270	1,544,264	1,542,036	3,086,300	4,720,195	4,724,375	9,444,570	77	847	924	9,445,494	8,622,488	9.5%
KUCHING	2,733,230	2,722,131	5,455,361	243,837	256,578	500,415	2,977,067	2,978,709	5,955,776	76	289	365	5,956,141	5,564,722	7.0%
LANGKAWI	1,271,067	1,290,017	2,561,084	188,434	196,406	384,840	1,459,501	1,486,423	2,945,924	167	59	226	2,946,150	2,735,703	7.7%
JOHOR BHARU	1,777,644	1,781,832	3,559,476	324,011	321,411	645,422	2,101,655	2,103,243	4,204,898	-	65,246	65,246	4,270,144	3,522,519	21.2%
KOTA BHARU	903,566	905,659	1,809,225	5,637	8,227	13,864	909,203	913,886	1,823,089	-	-	-	1,823,089	1,688,625	8.0%
IPOH	80,614	77,177	157,791	143,091	156,349	299,440	223,705	233,526	457,231	-	-	-	457,231	315,673	44.8%
KUALA TERENGGANU	451,390	462,281	913,671	-	-	-	451,390	462,281	913,671	-	158	158	913,829	894,737	2.1%
ALOR SETAR	453,806	466,069	919,875	-	-	-	453,806	466,069	919,875	-	-	-	919,875	817,253	12.6%
MELAKA	54,293	54,400	108,693	14,285	12,591	26,876	68,578	66,991	135,569	-	-	-	135,569	52,493	158.3%
SUBANG	1,064,268	1,048,725	2,112,993	68,606	77,996	146,602	1,132,874	1,126,721	2,259,595	-	-	-	2,259,595	1,964,059	15.0%
KUANTAN	178,692	182,619	361,311	15,820	17,468	33,288	194,512	200,087	394,599	-	-	-	394,599	258,816	52.5%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REDANG	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-
LABUAN	356,757	352,494	709,251	-	27	27	356,757	352,521	709,278	890	103	993	710,271	574,107	23.7%
LAHAD DATU	67,730	72,853	140,583	-	-	-	67,730	72,853	140,583	-	-	-	140,583	124,803	12.6%
SANDAKAN	537,413	543,635	1,081,048	792	787	1,579	538,205	544,422	1,082,627	915	144	1,059	1,083,686	950,861	14.0%
TAWAU	905,274	914,920	1,820,194	5,947	7,399	13,346	911,221	922,319	1,833,540	-	-	-	1,833,540	1,642,171	11.7%
BINTULU	556,903	556,974	1,113,877	227	214	441	557,130	557,188	1,114,318	195	-	195	1,114,513	923,033	20.7%
MIRI	1,167,874	1,175,444	2,343,318	43,535	46,798	90,333	1,211,409	1,222,242	2,433,651	746	100	846	2,434,497	2,350,700	3.6%
SIBU	873,001	877,099	1,750,100	719	737	1,456	873,720	877,836	1,751,556	831	105	936	1,752,492	1,579,528	11.0%
MULU	30,060	29,441	59,501	-	-	-	30,060	29,441	59,501	-	-	-	59,501	57,574	3.3%
LIMBANG	28,589	29,049	57,638	-	-	-	28,589	29,049	57,638	-	-	-	57,638	45,475	26.7%
STOL SABAH	779	810	1,589	-	-	-	779	810	1,589	-	-	-	1,589	5,067	-68.6%
STOL SARAWAK	71,979	75,825	147,804	-	-	-	71,979	75,825	147,804	7,120	-	7,120	154,924	155,037	-0.1%
SEMENANJUNG *Peninsular*	17,286,807	17,197,077	34,483,884	24,642,785	25,503,976	50,146,761	41,929,592	42,701,053	84,630,645	2,967	154,229	157,196	84,787,841	80,028,761	5.9%
SABAH	5,043,884	5,067,051	10,110,935	1,551,003	1,550,249	3,101,252	6,594,887	6,617,300	13,212,187	1,882	1,094	2,976	13,215,163	11,919,497	10.9%
SARAWAK	5,461,636	5,465,963	10,927,599	288,318	304,327	592,645	5,749,954	5,770,290	11,520,244	8,968	494	9,462	11,529,706	10,676,069	8.0%
JUMLAH *Total*	**27,792,327**	**27,730,091**	**55,522,418**	**26,482,106**	**27,358,552**	**53,840,658**	**54,274,433**	**55,088,643**	**109,363,076**	**13,817**	**155,817**	**169,634**	**109,532,710**	**102,624,327**	**6.7%**

SUMBER *Source*: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.6 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK KARGO TRANSIT), MALAYSIA, 2010-2019

Table 4.6 : Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2010-2019

METRIC TONNES

LAPANGAN TERBANG *Airports*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
KLIA	674,902	669,849	673,107	680,983	657,306	624,768	523,346	563,054	555,704	545,240
KLIA2	-	-	-	-	96,593	101,462	119,212	147,132	158,965	142,000
PULAU PINANG	138,576	121,804	113,605	111,852	118,812	112,748	113,180	119,272	130,127	124,361
KOTA KINABALU	21,145	27,806	23,382	21,816	23,533	24,701	28,762	27,372	28,039	28,664
KUCHING	26,835	24,574	15,724	21,890	27,939	28,993	22,038	24,080	26,615	24,730
LANGKAWI	434	646	696	598	567	647	588	759	832	907
JOHOR BHARU	6,242	5,439	3,149	3,444	4,934	5,272	6,244	7,614	9,691	14,694
KOTA BHARU	177	164	147	179	397	1,003	780	775	1,073	1,250
IPOH	-	-	34	403	296	318	178	105	142	-
KUALA TERENGGANU	50	103	147	103	148	329	253	247	363	426
ALOR SETAR	34	46	123	126	230	389	390	489	845	1,009
MELAKA	144	139	195	-	-	-	-	-	-	-
SUBANG	19,988	19,928	22,680	26,443	28,128	31,357	36,147	36,568	32,284	34,648
KUANTAN	49	38	57	86	46	21	15	25	13	3
TIOMAN	-	-	73	30	15	-	-	-	-	-
PANGKOR	-	-	5	21	-	-	-	-	-	-
REDANG	-	-	27	27	17	-	-	-	-	-
LABUAN	4,128	4,835	5,812	8,067	9,543	7,539	4,002	4,580	3,823	6,134
LAHAD DATU	-	42	185	200	179	158	129	101	97	75
SANDAKAN	2,806	2,295	2,470	2,891	2,495	3,143	2,384	2,207	2,150	2,547
TAWAU	3,045	3,198	2,489	2,844	3,265	3,910	3,570	3,884	4,060	3,893
BINTULU	1,703	2,071	2,571	2,528	2,306	2,378	2,646	2,845	3,565	4,659
MIRI	6,770	8,198	9,879	9,799	8,029	7,292	7,270	4,872	5,054	5,278
SIBU	1,133	1,147	1,596	1,407	1,433	1,300	1,044	1,284	1,438	1,262
MULU	396	370	322	354	319	232	391	315	299	304
LIMBANG	560	498	744	742	596	565	466	196	198	111
STOL SABAH	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	454	549	511	396	289	518	397	415	425	430
SEMENANJUNG *Peninsular*	840,597	818,155	814,047	824,294	907,490	878,313	800,333	876,040	890,039	864,539
SABAH	31,124	38,175	34,338	35,819	39,015	39,451	38,848	38,145	38,169	41,313
SARAWAK	37,850	37,407	31,347	37,116	40,911	41,278	34,253	34,007	37,593	36,774
JUMLAH *Total*	**909,571**	**893,737**	**879,732**	**897,228**	**987,415**	**959,042**	**873,434**	**948,192**	**965,801**	**942,627**

SUMBER *Source*: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.7 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2019

Table 4.7 : Total Cargo Handled by Airports, Malaysia, 2019

METRIC TONNES

LAPANGAN TERBANG *Airports*	DALAM NEGERI *Domestic*			ANTARABANGSA *International*			JUMLAH *Total*			TRANSIT *Transit*			PERBANDINGAN TAHUN KE TAHUN *Year on Year Comparison*		
	DIHANTAR *Unloaded*	DIANGKUT *Loaded*	JUMLAH *Total*	DIHANTAR *Unloaded*	DIANGKUT *Loaded*	JUMLAH *Total*	DIHANTAR *Unloaded*	DIANGKUT *Loaded*	JUMLAH *Total*	DALAM NEGERI *Domestic*	ANTARABANGSA *International*	JUMLAH *Total*	2019	2018	% +/-
KLIA	19,605	42,826	62,431	262,628	220,181	482,809	282,233	263,007	545,240	-	-	-	545,240	555,704	-1.9%
KLIA2	9,454	16,147	25,601	67,570	48,829	116,399	77,024	64,976	142,000	-	-	-	142,000	158,965	-10.7%
PULAU PINANG	4,567	4,503	9,070	56,124	59,167	115,291	60,691	63,670	124,361	2,838	12,447	15,285	139,646	145,649	-4.1%
KOTA KINABALU	16,067	9,920	25,987	925	1,752	2,677	16,992	11,671	28,664	-	-	-	28,664	28,039	2.2%
KUCHING	16,633	6,718	23,351	412	967	1,379	17,045	7,685	24,730	214	128	342	25,072	26,819	-6.5%
LANGKAWI	668	221	889	17	2	18	685	222	907	-	-	-	907	832	9.0%
JOHOR BHARU	3,311	3,252	6,563	4,157	3,974	8,131	7,467	7,227	14,694	-	-	-	14,694	9,690	51.6%
KOTA BHARU	867	384	1,250	-	-	-	867	384	1,250	-	-	-	1,250	1,073	16.6%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	142	-
KUALA TERENGGANU	333	94	426	-	-	-	333	94	426	1	-	1	427	363	17.8%
ALOR SETAR	421	588	1,009	-	-	-	421	588	1,009	-	-	-	1,009	845	19.3%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	3,219	5,062	8,281	13,696	12,671	26,367	16,915	17,733	34,648	-	-	-	34,648	32,284	7.3%
KUANTAN	2	1	3	-	-	-	2	1	3	-	-	-	3	13	-78.3%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REDANG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	4,586	1,393	5,979	31	124	155	4,617	1,517	6,134	120	17	136	6,270	3,996	56.9%
LAHAD DATU	51	25	75	-	-	-	51	25	75	-	-	-	75	97	-22.4%
SANDAKAN	598	1,948	2,547	-	-	-	598	1,948	2,547	-	-	-	2,547	2,152	18.3%
TAWAU	1,027	2,866	3,893	-	-	-	1,027	2,866	3,893	-	-	-	3,893	4,060	-4.1%
BINTULU	2,942	1,718	4,659	-	-	-	2,942	1,718	4,659	-	-	-	4,659	3,566	30.7%
MIRI	3,878	1,400	5,278	-	1	1	3,878	1,400	5,278	-	-	-	5,278	5,054	4.4%
SIBU	921	341	1,262	-	-	-	921	341	1,262	6	-	6	1,268	1,443	-12.1%
MULU	299	6	304	-	-	-	299	6	304	-	-	-	304	299	1.8%
LIMBANG	77	34	111	-	-	-	77	34	111	-	-	-	111	198	-43.7%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	172	257	430	-	-	-	172	257	430	79	-	79	508	513	-0.8%
SEMENANJUNG *Peninsular*	42,447	73,077	115,524	404,191	344,824	749,015	446,637	417,901	864,539	2,839	12,447	15,286	879,825	905,560	-2.8%
SABAH	22,329	16,152	38,481	956	1,876	2,832	23,286	18,027	41,313	120	17	136	41,449	38,345	8.1%
SARAWAK	24,922	10,473	35,395	412	967	1,380	25,334	11,441	36,774	299	128	427	37,202	37,889	-1.8%
JUMLAH *Total*	**89,698**	**99,702**	**189,400**	**405,559**	**347,667**	**753,227**	**495,257**	**447,369**	**942,626**	**3,258**	**12,591**	**15,849**	**958,476**	**981,794**	**-2.4%**

SUMBER *Source*: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.8 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK MEL TRANSIT), MALAYSIA, 2010-2019

Table 4.8 : Total Mail Handled by Airports (Excluding Mel in Transit), Malaysia, 2010-2019

METRIC TONNES

LAPANGAN TERBANG *Airports*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
KLIA	19,394	25,463	29,119	32,271	33,942	35,268	31,091	29,101	26,416	27,616
KLIA2	-	-	-	-	-	-	1	3	12	-
PULAU PINANG	4	12	1	3	7	5	32	3	2	9
KOTA KINABALU	1,486	1,681	2,246	1,751	1,386	1,455	1,525	1,431	959	776
KUCHING	642	479	496	727	715	542	322	320	81	20
LANGKAWI	90	131	222	254	279	286	174	114	17	3
JOHOR BHARU	-	-	-	-	-	-	-	146	326	517
KOTA BHARU	322	330	214	244	281	179	1	12	-	-
IPOH	-	-	-	-	-	1	155	-	-	-
KUALA TERENGGANU	12	16	48	38	36	39	-	2	-	-
ALOR SETAR	47	58	185	224	344	430	412	244	1	6
MELAKA	-	-	-	-	-	-	-	-	-	-
SUBANG	-	-	-	7	-	5	-	-	-	-
KUANTAN	2	-		-	-	-	-	-	-	-
TIOMAN	-	-	1	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-
LABUAN	378	412	476	507	519	426	426	422	148	99
LAHAD DATU	207	213	275	165	3	-	-	-	3	12
SANDAKAN	476	459	418	287	36	71	52	38	84	11
TAWAU	439	457	497	471	197	267	264	245	158	6
BINTULU	264	218	41	53	57	54	16	348	102	9
MIRI	1,564	1,608	1,903	2,124	2,824	2,657	95	163	50	14
SIBU	287	371	226	611	604	472	713	309	110	39
MULU	-	-	-	-	-	-	-	-	1	2
LIMBANG	28	25	38	37	42	44	46	53	20	-
STOL SABAH	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	13	15	7	13	36	32	2	-	-	-
SEMENANJUNG *Peninsular*	19,870	26,010	29,790	33,040	34,890	36,212	31,864	29,625	26,775	28,151
SABAH	2,987	3,222	3,911	3,181	2,141	2,220	2,267	2,136	1,351	905
SARAWAK	2,798	2,716	2,711	3,565	4,277	3,802	1,194	1,193	363	84
JUMLAH *Total*	**25,655**	**31,948**	**36,412**	**39,786**	**41,308**	**42,234**	**35,325**	**32,954**	**28,488**	**29,140**

SUMBER *Source*: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.9 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2019

Table 4.9 : Total Mail Handled by Airports, Malaysia, 2019

METRIC TONNES

LAPANGAN TERBANG *Airports*	DALAM NEGERI *Domestic*			ANTARABANGSA *International*			JUMLAH *Total*			TRANSIT *Transit*			PERBANDINGAN TAHUN KE TAHUN *Year on Year Comparison*		
	DIHANTAR *Unloaded*	DIANGKUT *Loaded*	JUMLAH *Total*	DIHANTAR *Unloaded*	DIANGKUT *Loaded*	JUMLAH *Total*	DIHANTAR *Unloaded*	DIANGKUT *Loaded*	JUMLAH *Total*	DALAM NEGERI *Domestic*	ANTARABANGSA *International*	JUMLAH *Total*	2019	2018	% +/-
KLIA	365	63	428	12,521	14,667	27,188	12,886	14,730	27,616	-	94	94	27,711	26,574	4.3%
KLIA2	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-
PULAU PINANG	-	7	7	1	1	2	1	8	9	8	-	8	16	20	-18.8%
KOTA KINABALU	59	392	450	324	2	326	383	394	776	-	-	-	776	959	-19.0%
KUCHING	15	4	20	-	-	-	15	4	20	-	-	-	20	81	-75.9%
LANGKAWI	1	2	3	-	-	-	1	2	3	-	-	-	3	17	-83.0%
JOHOR BHARU	53	59	112	203	203	406	255	262	517	-	-	-	517	326	58.4%
KOTA BHARU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUALA TERENGGANU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALOR SETAR	1	5	6	-	-	-	1	5	6	-	-	-	6	1	859.2%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUANTAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	67	32	99	-	-	-	67	32	99	-	-	-	99	148	-33.4%
LAHAD DATU	-	12	12	-	-	-	-	12	12	-	-	-	12	3	306.2%
SANDAKAN	2	9	11	-	-	-	2	9	11	-	-	-	11	84	-86.3%
TAWAU	4	2	6	-	-	-	4	2	6	-	-	-	6	158	-96.2%
BINTULU	7	1	9	-	-	-	7	1	9	-	-	-	9	102	-91.7%
MIRI	6	9	14	-	-	-	6	9	14	-	-	-	14	50	-70.8%
SIBU	23	16	39	-	-	-	23	16	39	-	-	-	39	110	-64.2%
MULU	2	-	2	-	-	-	2	-	2	-	-	-	2	1	74.7%
LIMBANG	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMENANJUNG *Peninsular*	420	136	556	12,725	14,870	27,595	13,145	15,007	28,151	8	94	102	28,254	26,951	4.8%
SABAH	132	447	579	324	2	326	456	449	905	-	-	-	905	1,351	-33.0%
SARAWAK	53	30	84	-	-	-	53	30	84	-	-	-	84	363	-76.9%
JUMLAH *Total*	**605**	**614**	**1,218**	**13,049**	**14,872**	**27,921**	**13,654**	**15,486**	**29,140**	**8**	**94**	**102**	**29,242**	**28,665**	**2.0%**

SUMBER *Source*: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.10 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2010-2019

Table 4.10 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2010-2019

LAPANGAN TERBANG *Airports*	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
KLIA	244,179	268,265	282,290	325,537	176,947	172,668	186,565	202,326	201,106	200,831
KLIA2	-	-	-	-	162,703	180,602	168,950	183,728	197,646	206,484
PULAU PINANG	44,753	50,610	49,966	56,760	63,396	64,527	64,428	69,157	73,462	78,400
KOTA KINABALU	55,089	59,638	58,366	67,601	68,776	66,945	69,292	71,922	77,516	82,125
KUCHING	42,940	49,613	43,981	53,095	50,917	50,738	48,562	48,034	54,177	53,610
LANGKAWI	13,274	14,510	15,162	17,675	21,722	22,232	23,797	24,807	23,708	25,673
JOHOR BHARU	11,934	12,626	12,501	37,998	42,976	41,892	42,557	46,497	52,030	58,313
KOTA BHARU	13,180	15,304	17,112	20,527	25,028	28,228	26,666	27,067	22,361	24,514
IPOH	844	1,536	1,515	1,464	1,960	3,684	3,632	3,632	3,932	3,788
KUALA TERENGGANU	5,959	6,006	6,506	7,365	9,659	10,625	11,049	11,314	10,462	10,816
ALOR SETAR	4,513	4,841	5,274	5,795	8,421	9,472	10,260	10,801	9,544	10,312
MELAKA	584	466	1,053	580	320	1,536	1,294	1,714	1,480	2,502
SUBANG	24,509	30,779	33,224	41,707	56,629	62,911	61,450	67,351	50,125	52,082
KUANTAN	2,628	3,178	3,395	3,289	3,572	3,906	3,186	2,698	2,818	3,849
TIOMAN	1,662	1,766	1,682	1,538	272	-	-	-	-	-
PANGKOR	174	32	324	258	8	-	-	-	-	-
REDANG	1,356	1,319	877	955	430	-	-	-	6	-
LABUAN	11,988	12,645	13,448	15,072	15,533	13,168	10,924	10,134	10,617	12,106
LAHAD DATU	2,860	2,941	3,058	3,321	3,689	3,646	3,455	3,014	2,902	4,620
SANDAKAN	12,095	10,757	12,177	11,536	11,715	11,267	10,820	9,901	10,571	11,401
TAWAU	9,723	9,328	9,689	11,784	12,832	12,401	11,687	11,763	14,353	14,635
BINTULU	10,994	11,270	11,444	12,428	12,246	12,197	11,807	11,526	12,654	12,439
MIRI	39,509	40,931	42,351	44,875	46,504	45,039	42,633	38,392	42,527	42,076
SIBU	17,899	18,211	15,923	17,196	17,878	18,252	17,156	16,588	18,573	16,753
MULU	1,726	1,912	1,760	2,306	2,701	2,381	2,375	2,221	2,318	2,800
LIMBANG	1,947	1,896	1,880	2,075	2,154	2,226	2,647	1,974	2,240	3,110
STOL SABAH	167	264	192	231	226	440	608	536	624	408
STOL SARAWAK	13,538	14,118	13,534	12,886	15,324	16,455	18,337	17,512	18,232	18,109
SEMENANJUNG *Peninsular*	369,549	411,238	430,881	521,448	574,043	602,283	603,834	651,092	648,680	677,564
SABAH	91,922	95,573	96,930	109,545	112,771	107,867	106,786	107,270	116,583	125,295
SARAWAK	128,553	137,951	130,873	144,861	147,724	147,288	143,517	136,247	150,721	148,897
JUMLAH *Total*	**590,024**	**644,762**	**658,684**	**775,854**	**834,538**	**857,438**	**854,137**	**894,609**	**915,984**	**951,756**

SUMBER *Source* : MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.11 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2019

Table 4.11 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2019

LAPANGAN TERBANG *Airports*	DALAM NEGERI *Domestic*			ANTARABANGSA *International*			JUMLAH *Total*			PERBANDINGAN TAHUN KE TAHUN *Year on Year Comparison*		
	BERJADUAL *Scheduled*	TIDAK BERJADUAL *Non Scheduled*	JUMLAH *Total*	BERJADUAL *Scheduled*	TIDAK BERJADUAL *Non Scheduled*	JUMLAH *Total*	BERJADUAL *Scheduled*	TIDAK BERJADUAL *Non Scheduled*	JUMLAH *Total*	2019	2018	% +/-
KLIA	52,525	675	53,200	146,341	1,290	147,631	198,866	1,965	200,831	200,831	201,106	-0.1%
KLIA2	75,955	1,733	77,688	128,522	274	128,796	204,477	2,007	206,484	206,484	197,646	4.5%
PULAU PINANG	45,771	-	45,771	32,629	-	32,629	78,400	-	78,400	78,400	73,462	6.7%
KOTA KINABALU	53,085	5,460	58,545	23,579	1	23,580	76,664	5,461	82,125	82,125	77,516	5.9%
KUCHING	45,827	2,794	48,621	4,782	207	4,989	50,609	3,001	53,610	53,610	54,177	-1.0%
LANGKAWI	22,389	-	22,389	3,284	-	3,284	25,673	-	25,673	25,673	23,708	8.3%
JOHOR BHARU	33,551	15,174	48,725	4,620	4,968	9,588	38,171	20,142	58,313	58,313	52,030	12.1%
KOTA BHARU	19,410	4,956	24,366	148	-	148	19,558	4,956	24,514	24,514	22,361	9.6%
IPOH	1,820	-	1,820	1,968	-	1,968	3,788	-	3,788	3,788	3,932	-3.7%
KUALA TERENGGANU	10,815	-	10,815	1	-	1	10,816	-	10,816	10,816	10,462	3.4%
ALOR SETAR	10,312	-	10,312	-	-	-	10,312	-	10,312	10,312	9,544	8.0%
MELAKA	1,763	-	1,763	739	-	739	2,502	-	2,502	2,502	1,480	69.1%
SUBANG	46,627	-	46,627	5,455	-	5,455	52,082	-	52,082	52,082	50,125	3.9%
KUANTAN	3,553	-	3,553	296	-	296	3,849	-	3,849	3,849	2,818	36.6%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-
REDANG	-	-	-	-	-	-	-	-	-	-	6	-
LABUAN	10,397	1,621	12,018	84	4	88	10,481	1,625	12,106	12,106	10,617	14.0%
LAHAD DATU	4,526	94	4,620	-	-	-	4,526	94	4,620	4,620	2,902	59.2%
SANDAKAN	10,901	380	11,281	109	11	120	11,010	391	11,401	11,401	10,571	7.9%
TAWAU	13,854	328	14,182	396	57	453	14,250	385	14,635	14,635	14,353	2.0%
BINTULU	11,284	1,087	12,371	62	6	68	11,346	1,093	12,439	12,439	12,654	-1.7%
MIRI	34,451	6,916	41,367	709	-	709	35,160	6,916	42,076	42,076	42,527	-1.1%
SIBU	16,669	-	16,669	84	-	84	16,753	-	16,753	16,753	18,573	-9.8%
MULU	2,800	-	2,800	-	-	-	2,800	-	2,800	2,800	2,318	20.8%
LIMBANG	2,950	160	3,110	-	-	-	2,950	160	3,110	3,110	2,240	38.8%
STOL SABAH	398	10	408	-	-	-	398	10	408	408	624	-34.6%
STOL SARAWAK	16,970	1,139	18,109	-	-	-	16,970	1,139	18,109	18,109	18,232	-0.7%
SEMENANJUNG *Peninsular*	324,491	22,538	347,029	324,003	6,532	330,535	648,494	29,070	677,564	677,564	648,680	4.5%
SABAH	93,161	7,893	101,054	24,168	73	24,241	117,329	7,966	125,295	125,295	116,583	7.5%
SARAWAK	130,951	12,096	143,047	5,637	213	5,850	136,588	12,309	148,897	148,897	150,721	-1.2%
JUMLAH *Total*	**548,603**	**42,527**	**591,130**	**353,808**	**6,818**	**360,626**	**902,411**	**49,345**	**951,756**	**951,756**	**915,984**	**3.9%**

SUMBER *Source* : MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.12 : PERGERAKAN TRAFIK DI ANTARA LAPANGAN TERBANG MALAYSIA (TERMASUK SINGAPURA), 2019

Table 4.12 : Traffic Movements Between Malaysian Airports (Including Singapore), 2019

SEKTOR *Sector*			PENUMPANG *Passenger*			KARGO (KG) *Cargo* (KG)			MEL (KG) *Mail* (KG)		
A	-	B	(A-B)	(B-A)	JUMLAH *Total*	(A-B)	(B-A)	JUMLAH *Total*	(A-B)	(B-A)	JUMLAH *Total*
KUALA LUMPUR	-	ALOR SETAR	298,452	306,733	605,185	149,175	471,381	620,556	1,319	5,069	6,388
KUALA LUMPUR	-	IPOH	179	5	184	-	-	-	-	-	-
KUALA LUMPUR	-	JOHOR BHARU	626,400	666,415	1,292,815	1,060,031	1,583,180	2,643,211	13,806	-	13,806
KUALA LUMPUR	-	KOTA BHARU	580,150	585,211	1,165,361	417,208	139,636	556,844	33	6	39
KUALA LUMPUR	-	KOTA KINABALU	1,436,153	1,459,236	2,895,389	11,457,996	6,851,609	18,309,605	14,760	323,974	338,734
KUALA LUMPUR	-	TERENGGANU	339,698	350,708	690,406	93,135	1,256	94,391	-	348	348
KUALA LUMPUR	-	KUANTAN	172,736	176,576	349,312	2,231	35	2,266	-	90	90
KUALA LUMPUR	-	KUCHING	1,209,821	1,203,758	2,413,579	13,202,246	2,926,233	16,128,479	12,517	51	12,568
KUALA LUMPUR	-	LABUAN	221,847	218,295	440,142	3,339,754	1,298,526	4,638,280	2,289	4,442	6,731
KUALA LUMPUR	-	LANGKAWI	936,968	952,380	1,889,348	621,056	157,686	778,742	556	2,391	2,947
KUALA LUMPUR	-	MIRI	425,930	426,883	852,813	3,265,903	407,745	3,673,648	2,077	-	2,077
KUALA LUMPUR	-	PULAU PINANG	1,201,750	1,203,199	2,404,949	8,215,960	3,552,281	11,768,241	41	6,970	7,011
KUALA LUMPUR	-	SINGAPURA	2,200,514	2,063,909	4,264,423	11,687,355	13,733,509	25,420,864	286,172	725,021	1,011,193
KUALA LUMPUR	-	SIBU	357,509	360,098	717,607	867,880	309,119	1,176,999	20,695	12,384	33,079
KUALA LUMPUR	-	TAWAU	378,548	391,501	770,049	1,234,866	1,826,018	3,060,884	1,412	1,549	2,961
JOHOR BAHRU	-	SUBANG	184,255	179,104	363,359	-	-	-	-	39,157	39,157
JOHOR BAHRU	-	PENANG	325,082	312,311	637,393	3,896	1,304	5,200	-	-	-
JOHOR BAHRU	-	ALOR SETAR	36,169	36,953	73,122	-	-	-	-	-	-
JOHOR BAHRU	-	LANGKAWI	51,568	51,136	102,704	-	-	-	-	-	-
JOHOR BAHRU	-	IPOH	81,701	78,059	159,760	-	-	-	-	-	-
JOHOR BAHRU	-	SIBU	81,278	80,958	162,236	165,165	93,536	258,701	10,600	-	10,600
JOHOR BAHRU	-	TAWAU	34,234	34,882	69,116	28,678	601,113	629,791	-	-	-
PULAU PINANG	-	LANGKAWI	174,160	169,690	343,850	26,269	35,595	61,864	3	1	4
PULAU PINANG	-	SINGAPURA	732,519	693,775	1,426,294	5,930,543	3,691,116	9,621,659	9	355	364
KOTA KINABALU	-	JOHOR BHARU	160,248	157,977	318,225	403,025	838,488	1,241,513	-	21,800	21,800
KOTA KINABALU	-	TAWAU	452,435	450,845	903,280	121,982	1,044,698	1,166,680	2,210	85	2,295
KOTA KINABALU	-	LABUAN	63,758	63,783	127,541	208,661	31,541	240,202	64,353	27,470	91,823
KOTA KINABALU	-	LAHAD DATU	61,442	66,445	127,887	50,619	23,965	74,584	-	12,075	12,075
KOTA KINABALU	-	MIRI	115,871	120,831	236,702	-	-	-	-	-	-
KOTA KINABALU	-	SIBU	84,627	85,408	170,035	-	-	-	-	-	-
KOTA KINABALU	-	KUCHING	271,136	274,914	546,050	431,996	445,271	877,267	2	2,148	2,150
KOTA KINABALU	-	SINGAPURA	141,692	130,101	271,793	165,736	320,810	486,546	-	-	-
KUCHING	-	JOHOR BHARU	195,481	200,651	396,132	657,827	780,301	1,438,128	-	13,900	13,900
KUCHING	-	PULAU PINANG	101,176	99,729	200,905	-	-	-	-	-	-
KUCHING	-	SINGAPURA	175,828	161,999	337,827	333,328	400,063	733,391	79	-	79
BINTULU	-	MIRI	23,211	21,034	44,245	13,587	38,094	51,681	209	185	394
MIRI	-	LABUAN	64,180	63,364	127,544	19,685	4,990	24,675	95	6	101
MIRI	-	SIBU	52,903	52,258	105,161	53,385	30,561	83,946	1,809	2,954	4,763
SANDAKAN	-	TAWAU	17,017	15,076	32,093	803	204	1,007	256	-	256
LANGKAWI	-	SINGAPURA	111,578	105,195	216,773	1,673	6,280	7,953	-	-	-
MIRI	-	JOHOR BHARU	24,998	24,902	49,900	5,316	118,078	123,394	-	12,500	12,500

SUMBER *Source* : MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.13 : PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2019

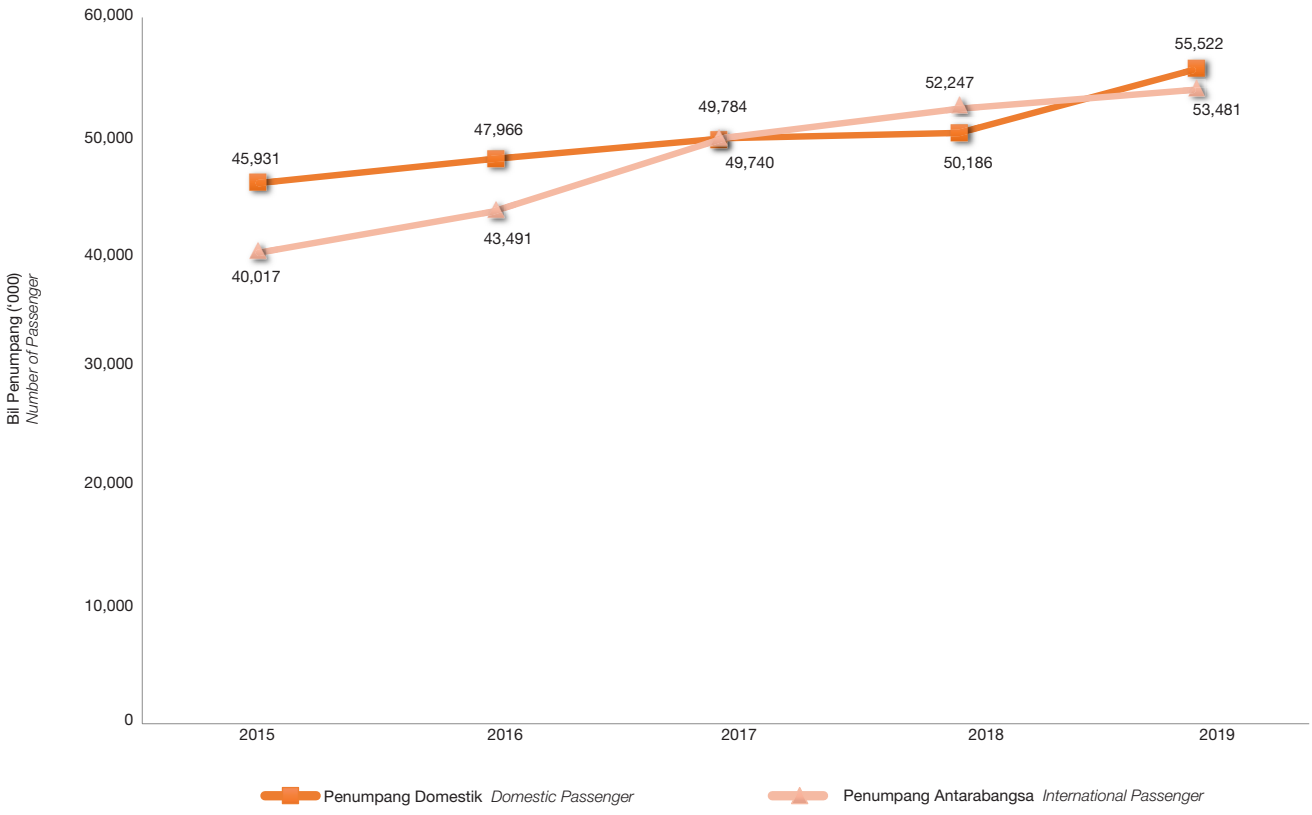
Table 4.13 : Traffic Movements for Rural Air Services, Sabah and Sarawak, 2019

SEKTOR *Sector*			PENUMPANG *Passenger*			KARGO (KG) *Cargo (KG)*			MEL (KG) *Mail (KG)*		
A	-	B	(A-B)	(B-A)	JUMLAH *Total*	(A-B)	(B-A)	JUMLAH *Total*	(A-B)	(B-A)	JUMLAH *Total*
SABAH											
BARIO	-	MARUDI	-	-	-	-	-	-	-	-	-
BELAGA	-	BINTULU	-	-	-	-	-	-	-	-	-
BINTULU	-	MUKAH	312	303	615	-	-	-	-	-	-
KOTA KINABALU	-	KUDAT	216	241	457	-	-	-	-	150	150
KOTA KINABALU	-	SANDAKAN	287,029	291,478	578,507	107,960	742,404	850,364	1,022	1,613	2,635
KOTA KINABALU	-	BINTULU	67,144	67,228	134,372	-	-	-	-	-	-
KUDAT	-	SANDAKAN	593	580	1,173	-	-	-	-	-	-
LAWAS	-	KOTA KINABALU	256	137	393	30	-	30	140	-	140
LIMBANG	-	KOTA KINABALU	1,033	918	1,951	-	-	-	90	-	90
MIRI	-	BARIO	8,599	9,016	17,615	15,254	442	15,696	2,483	-	2,483
SANDAKAN	-	TOMANGGONG	-	-	-	-	-	-	-	-	-
SANDAKAN	-	TAWAU	16,862	15,076	31,938	803	204	1,007	256	-	256
JUMLAH *Total*			382,044	384,977	767,021	124,047	743,050	867,097	3,991	1,763	5,754
SARAWAK											
KUCHING	-	BINTULU	221,627	223,049	444,676	-	-	-	-	-	-
KUCHING	-	LABUAN	-	-	-	934,486	73,739	1,008,225	-	-	-
KUCHING	-	MIRI	363,380	366,919	730,299	449,122	563,094	1,012,216	540	1,993	2,533
KUCHING	-	SIBU	279,497	279,823	559,320	-	-	-	-	-	-
KUCHING	-	MUKAH	17,523	19,843	37,366	13,253	1,601	14,854	-	21	21
LAWAS	-	MIRI	17,709	17,450	35,159	25,286	50,951	76,237	-	-	-
LIMBANG	-	MIRI	21,578	21,099	42,677	33,115	70,176	103,291	-	26	26
LIMBANG	-	LAWAS	224	222	446	766	988	1,754	-	-	-
MARUDI	-	MIRI	5,845	3,954	9,799	647	1,131	1,778	-	-	-
MIRI	-	MULU	16,667	15,600	32,267	291,884	5,074	296,958	2,011	89	2,100
MIRI	-	SIBU	52,903	52,258	105,161	53,385	30,561	83,946	1,809	2,954	4,763
MUKAH	-	MIRI	3,794	3,254	7,048	26	743	769	-	-	-
MUKAH	-	SIBU	522	739	1,261	-	114	114	19	-	19
SIBU	-	BINTULU	17,160	15,945	33,105	858	212	1,070	1,027	333	1,360
JUMLAH *Total*			1,018,429	1,020,155	2,038,584	1,802,828	798,384	2,601,212	5,406	5,416	10,822

SUMBER *Source* : MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB)

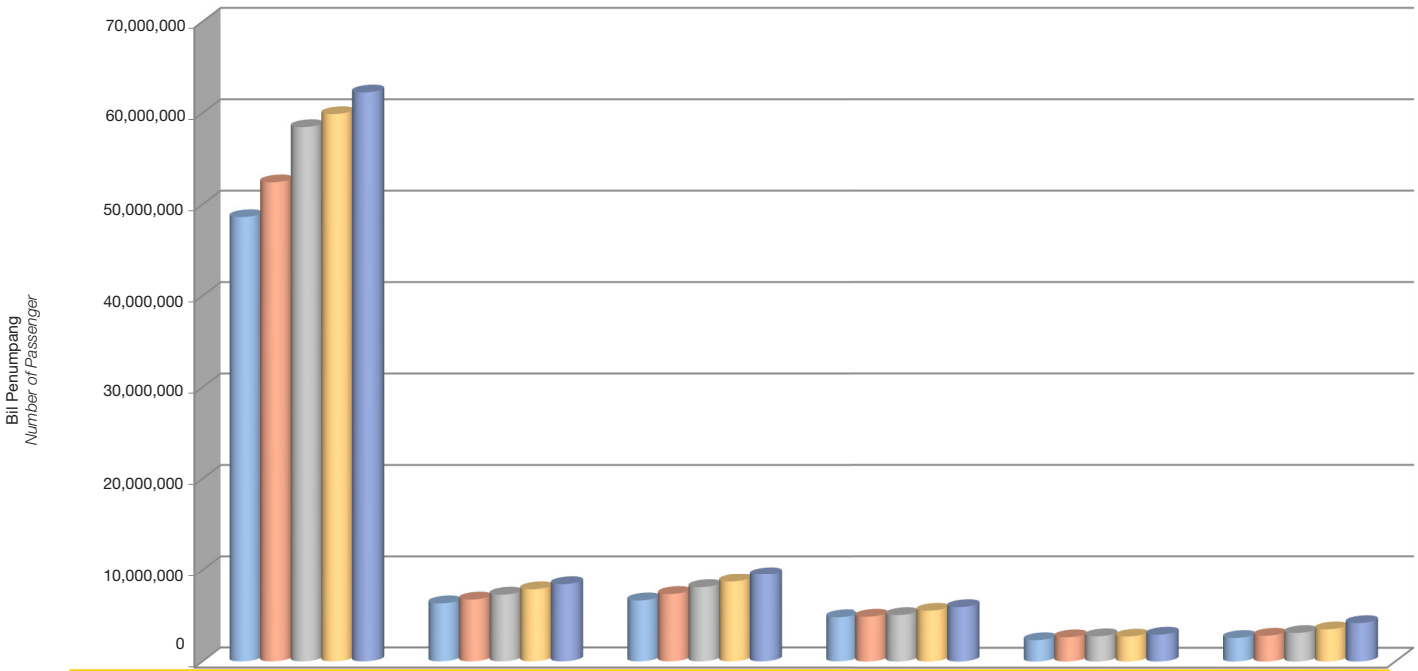
Carta 4.1: JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2015-2019

Chart 4.1: Total Number of Domestic and International Passengers Handled by Airport, Malaysia, 2015-2019



Carta 4.2: JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2015-2019

Chart 4.2: Total Passengers Handled by International Airport, Malaysia, 2015-2019



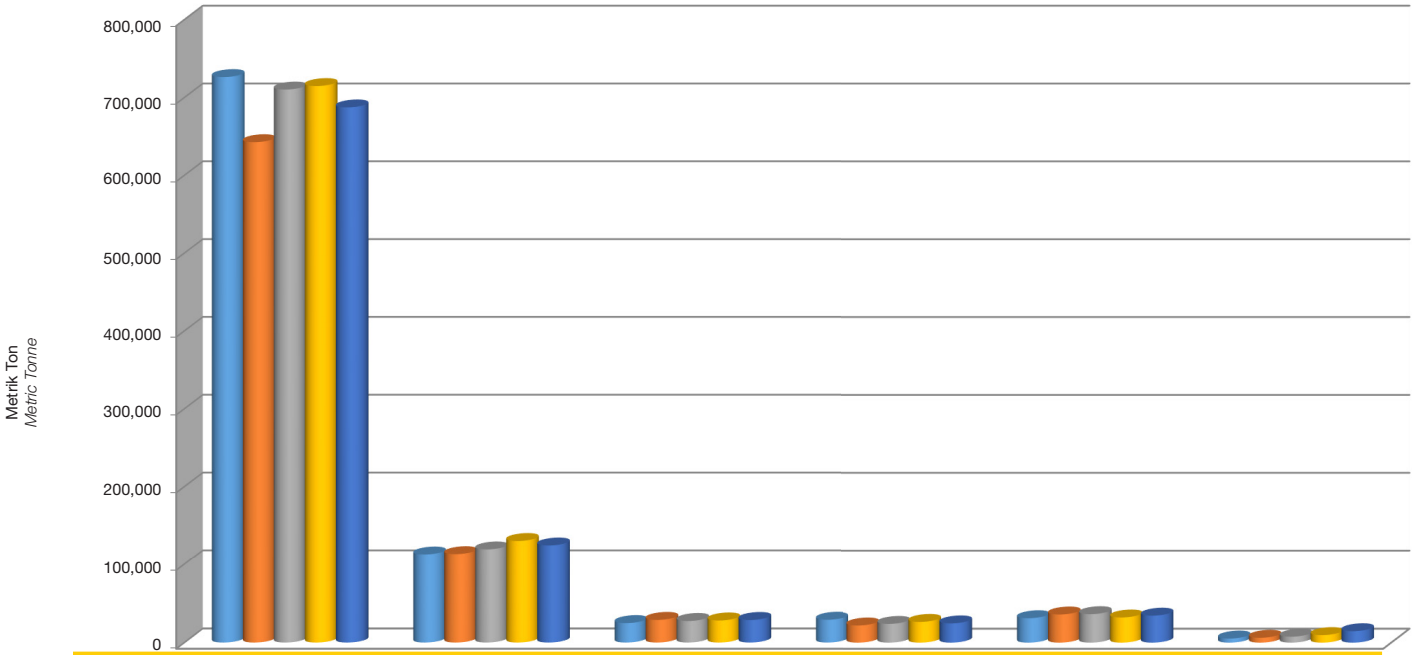
	KLIA & KLIA2	PULAU PINANG	KOTA KINABALU	KUCHING	LANGKAWI	JOHOR BAHRU
2015	48,617,226	6,251,955	6,568,371	4,758,089	2,336,177	2,581,966
2016	52,424,244	6,661,225	7,263,224	4,911,331	2,655,271	2,828,074
2017	58,463,343	7,188,238	8,006,446	5,086,208	2,767,707	3,124,799
2018	59,888,169	7,771,548	8,622,119	5,559,092	2,735,262	3,522,519
2019	62,257,422	8,318,772	9,444,570	5,955,776	2,945,924	4,204,898

Carta 4.3: JUMLAH KARGO DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2010-2019

Chart 4.3: Total Domestic and International Cargo Handled by Airport, Malaysia, 2010-2019

CARTA 4.4: JUMLAH KARGO YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2015-2019

Chart 4.4: Total Cargo Handled by International Airports, Malaysia, 2015-2019



	KLIA & KLIA2	PULAU PINANG	KOTA KINABALU	KUCHING	SUBANG	JOHOR BAHRU
2015	726,230	112,748	24,701	28,993	31,357	5,272
2016	642,558	113,180	28,762	22,038	36,147	6,244
2017	710,186	119,272	27,372	24,080	36,568	7,614
2018	714,669	130,127	28,039	26,615	32,284	9,691
2019	687,240	124,361	28,664	24,730	34,648	14,694

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ISSN 0128-2778
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