



KEMENTERIAN PENGANGKUTAN MALAYSIA
MINISTRY OF TRANSPORT MALAYSIA

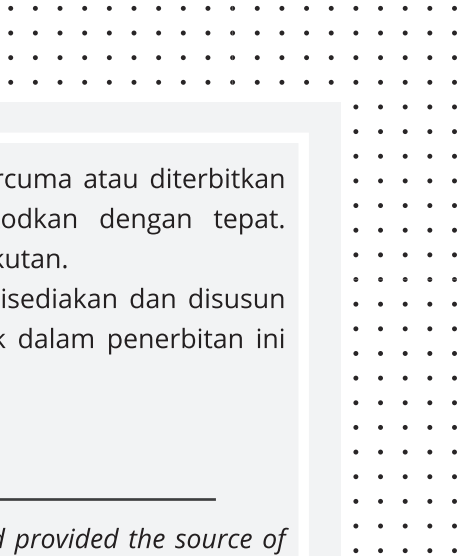
STATISTIK PENGANGKUTAN MALAYSIA

MALAYSIA TRANSPORTATION STATISTICS



2021





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Preface



YBHG. DATUK ISHAM ISHAK

**KETUA SETIAUSAHA KEMENTERIAN
PENGANGKUTAN MALAYSIA**
SECRETARY GENERAL MINISTRY OF
TRANSPORT MALAYSIA

“

Puji dan syukur saya panjatkan kehadiran Ilahi yang telah melimpahkan rahmat serta hidayahNya sehingga penerbitan Statistik Pengangkutan Malaysia 2021 dapat diterbitkan. Terlebih dahulu, saya ingin mengambil kesempatan ini untuk mengucapkan tahniah kepada semua pihak yang telah terlibat dalam menjayakan penerbitan Statistik Pengangkutan Malaysia 2021.

Tujuan penerbitan laporan ini adalah untuk memberi gambaran tentang trend dan perkembangan sektor pengangkutan dalam negara. Beberapa penunjuk utama terpilih dengan infografik juga disediakan bagi membantu pengguna memahami perkembangan dan arah aliran sektor pengangkutan di Malaysia.

Semoga Statistik Pengangkutan Malaysia ini dapat dijadikan panduan dan bahan rujukan utama khususnya kepada penggubal dasar, penyelidik, pelajar dan kepada mereka yang memerlukan data dan maklumat ini.

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The purpose of publishing this report is to provide an overview of the trends and developments of the transport sector in the country. Selected key indicators with infographic have also been incorporated to assist users in understanding the development and trends of the transport sector in Malaysia.

Hopefully, this Malaysia Transportation Statistics will be a reference and useful guide especially for policy makers, researchers, students and for those who need this data and information.

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



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Jabatan Kerja Raya
Public Works Department

Lembaga Lebuhraya Malaysia
Malaysian Highway Authority

Jabatan Pengangkutan Jalan
Road Transport Department

Jabatan Laut Malaysia
Marine Department Malaysia

Agensi Pengangkutan Awam Darat
Land Public Transport Agency

Lembaga Pelabuhan Kelang
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

**Perkhidmatan Terminal Lapangan
Terbang Senai 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 *Glossary of Acronyms*

ADT	<i>Average Daily Traffic</i>
FWT	<i>Freight Weight Tonnes</i>
GRT	<i>Gross Registered Tonnage</i>
NRT	<i>Net Registered Tonnage</i>
DWT	<i>Dead Weight Tonnes</i>
TEU	<i>Twenty-Foot Equivalent Unit</i>
APP	<i>Approach</i>
CAT	<i>Category</i>
DME	<i>Distance Measuring Equipment</i>
DVOR	<i>Doppler VHF Omnidirectional Radio Range</i>
ILS	<i>Instrument Landing System</i>
LOC	<i>Loss of Control</i>
PCN	<i>Pavement Classification Number</i>
DHC	<i>Decision Height</i>
AN	<i>Air Navigation</i>

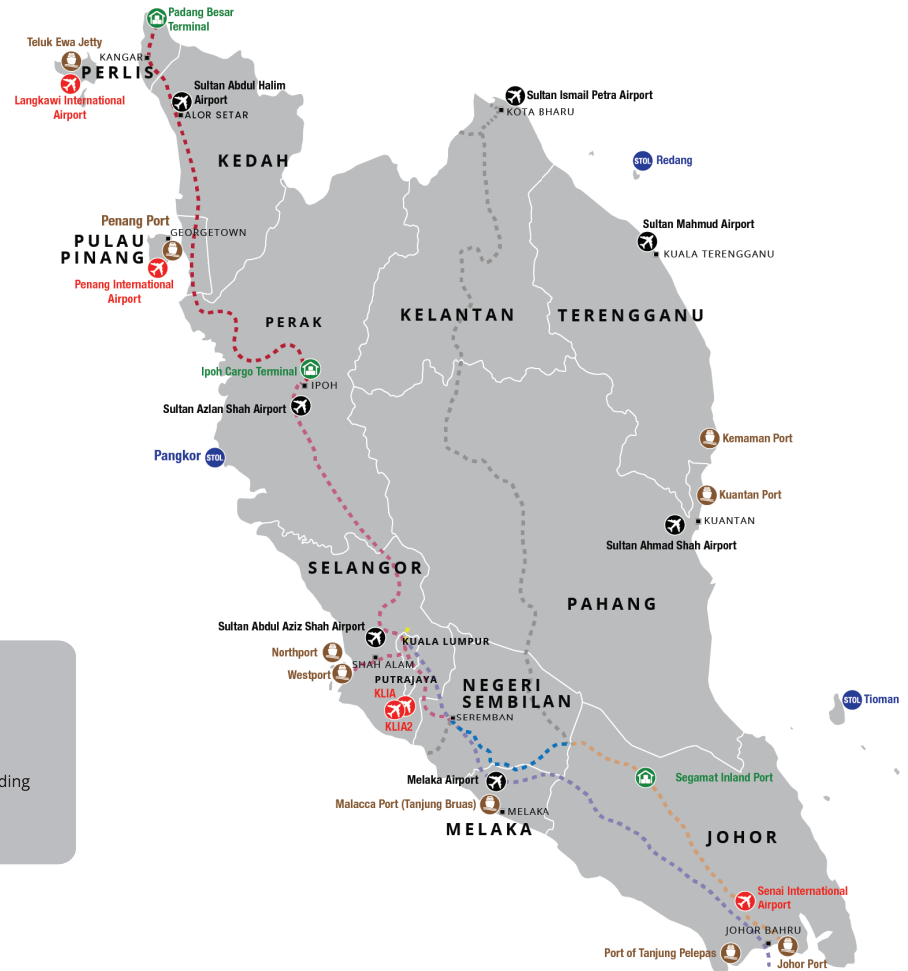
LLZ	<i>Localizer</i>
GP	<i>Glide Path</i>
L	<i>Locator</i>
MM	<i>Middle Marker</i>
NDB	<i>Non-Directional Radio Beacon</i>
PAPI	<i>Precision Approach Path Indicator</i>
RWY	<i>Runway</i>
TACAN	<i>UHF Tactical Air Navigation Aid</i>
VOR	<i>Very High Frequency Omnidirectional Radio</i>
VORTAC	<i>Combination of VOR and TACAN</i>
UTC	<i>Universal Time Coordinated</i>
CKD	<i>Check</i>
NIL	<i>None</i>
n.a	<i>Not Available</i>



PETA *Maps*

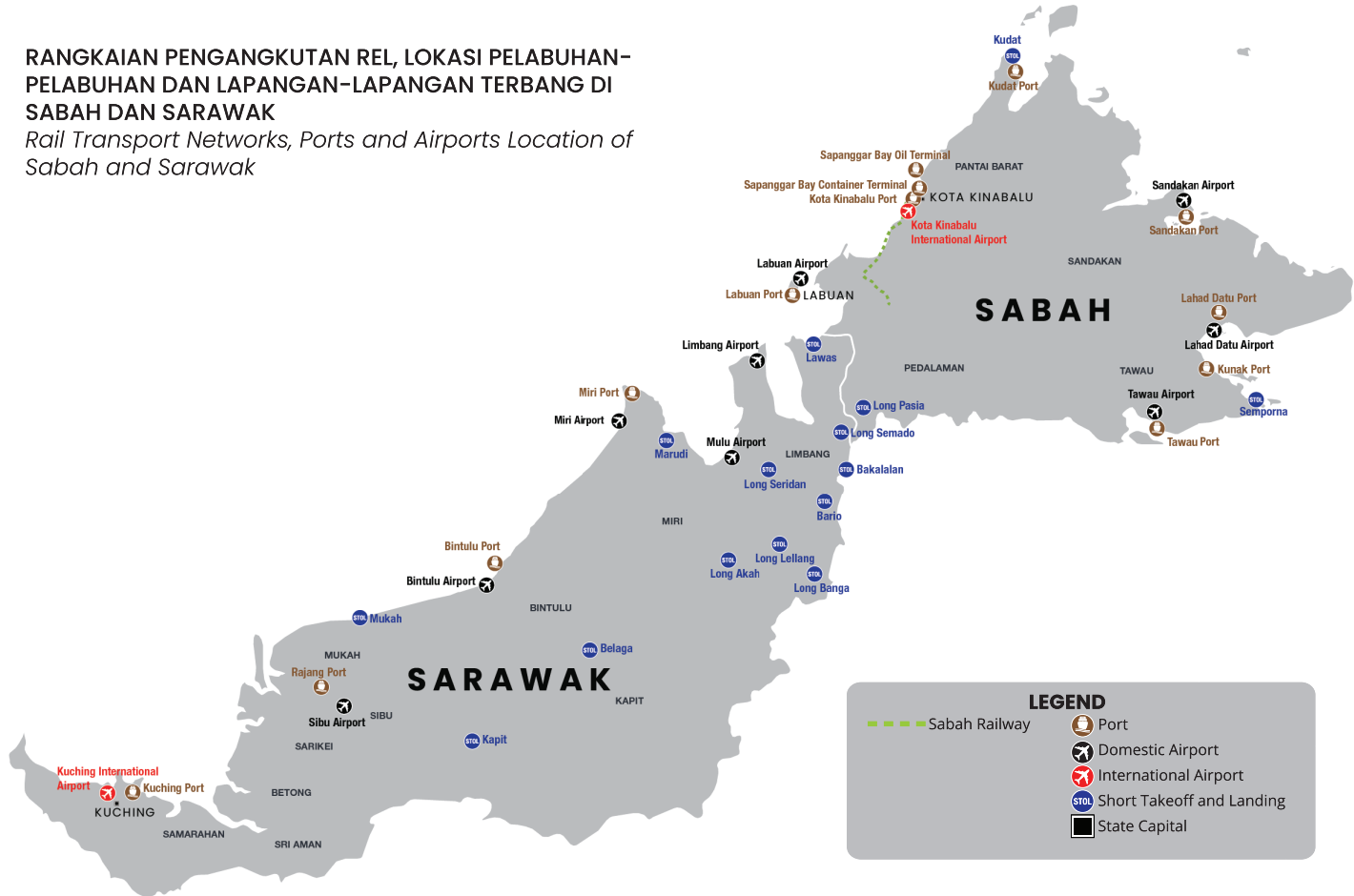
RANGKAIAN PENGANGKUTAN REL, LOKASI PELABUHAN-PELABUHAN DAN LAPANGAN-TERBANG DI SEMENANJUNG MALAYSIA

Rail Transport Networks, Ports and Airports Location of Peninsular Malaysia



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



PETA TRANSIT BERINTEGRASI LEMBAH KLANG

Klang Valley Integrated Transit Map

1 KTM Laluan Batu Caves - Pulau Sebang
KTM Batu Caves - Pulau Sebang Line

2 KTM Laluan Tanjung Malim - Pelabuhan Klang
KTM Tanjung Malim - Pelabuhan Klang Line

3 LRT Laluan Ampang
LRT Ampang Line

4 LRT Laluan Sri Petaling
LRT Sri Petaling Line

5 LRT Laluan Kelana Jaya
LRT Kelana Jaya Line

6 ERL Laluan KLIA Ekspres
ERL KLIA Ekspres Line

7 ERL Laluan KLIA Transit
ERL KLIA Transit Line

8 Laluan Monorel KL
KL Monorail Line

9 MRT Laluan Kajang
MRT Kajang Line

10 KTM Laluan KL Sentral - Skypark Terminal
KTM KL Sentral - Terminal Skypark Line

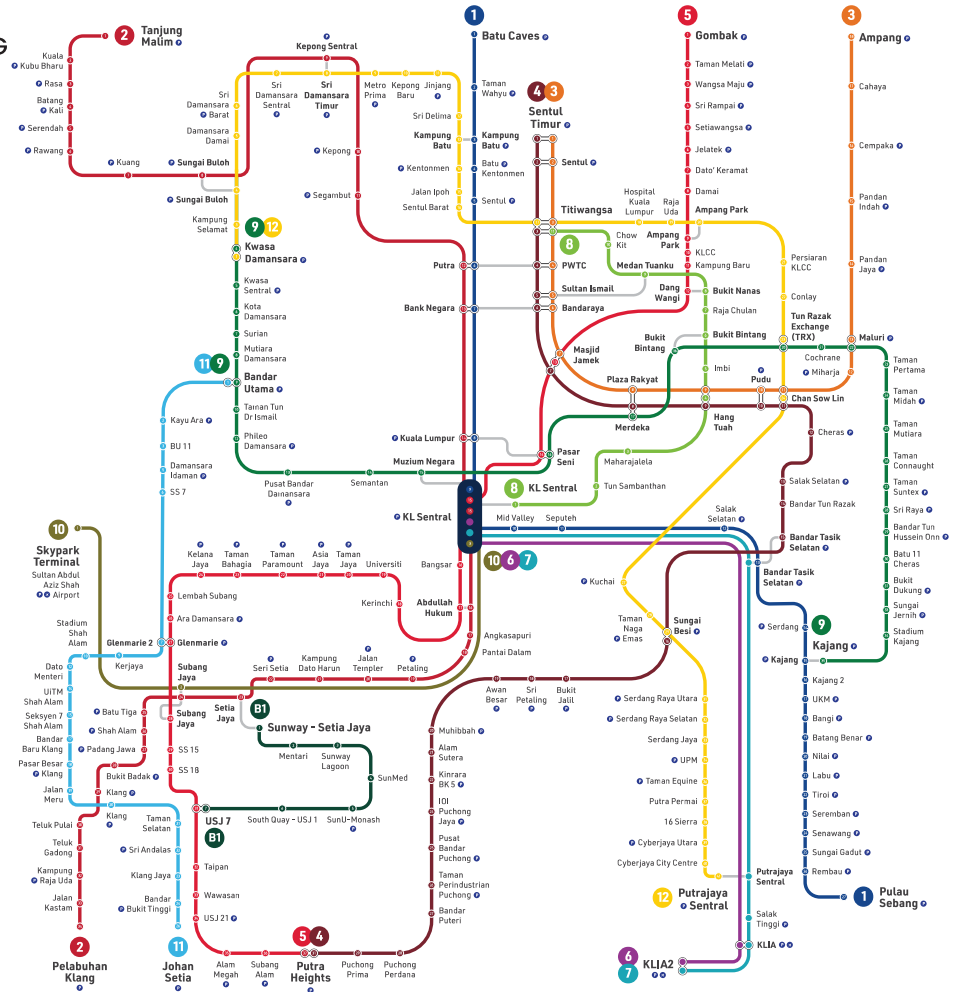
11 LRT Laluan Johan Setia (Akan Datang)
LRT Johan Setia Line (Coming Soon)

12 MRT Laluan Putrajaya
MRT Putrajaya Line

B1 BRT Laluan Sunway
BRT Sunway Line

P Tempat Letak Kenderaan
Park and Ride

A Terminal Lapangan Terbang
Airport



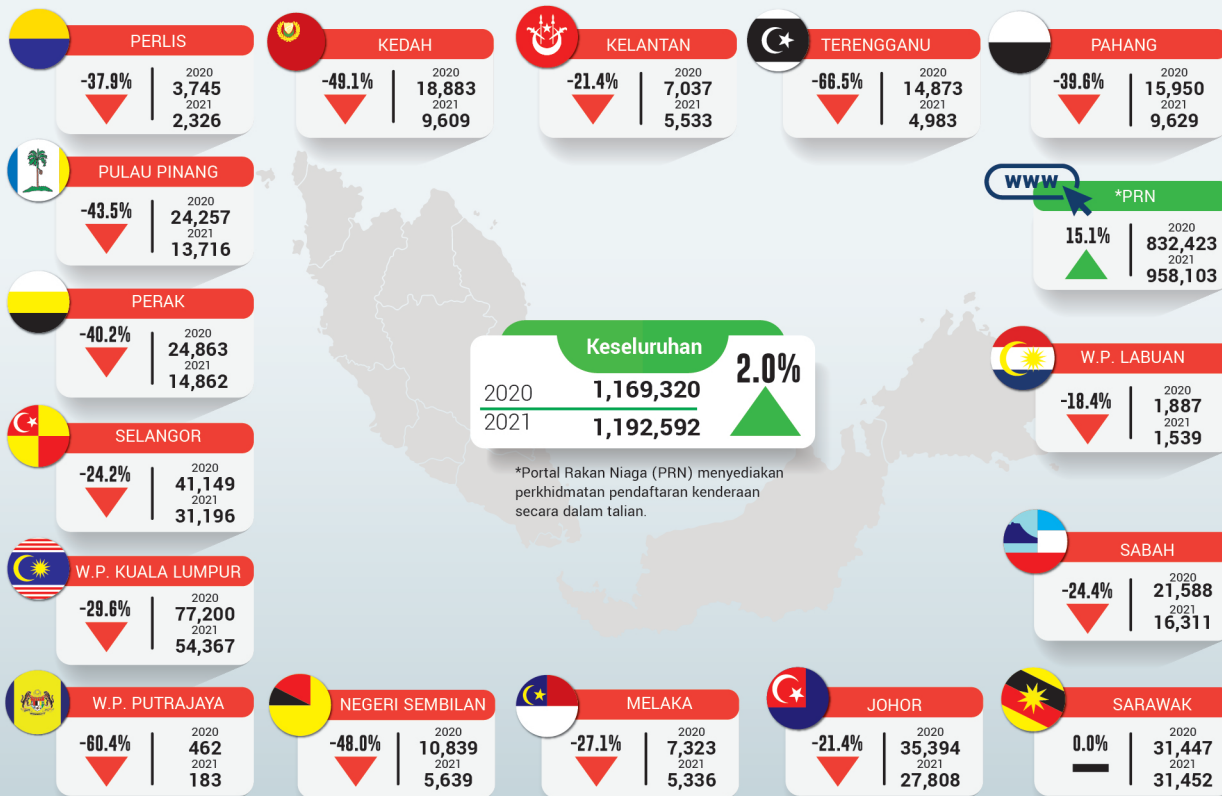


INFOGRAFIK *Infographics*



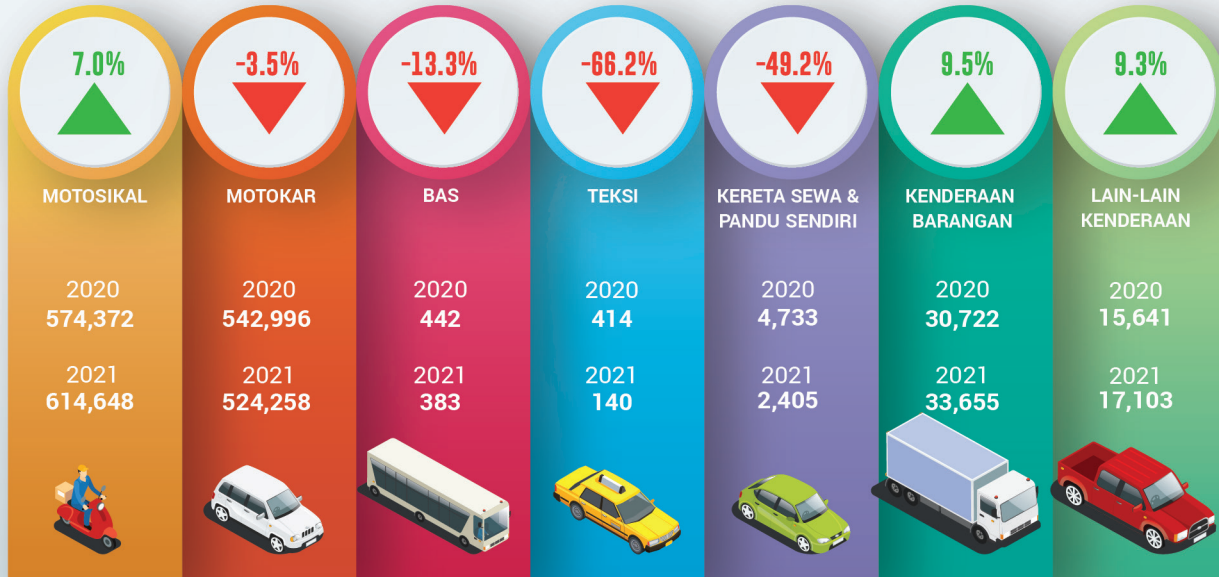
PENGANGKUTAN DARAT

JUMLAH PENDAFTARAN BAHARU KENDERAAN MENGIKUT NEGERI TAHUN 2021 BERBANDING TAHUN 2020



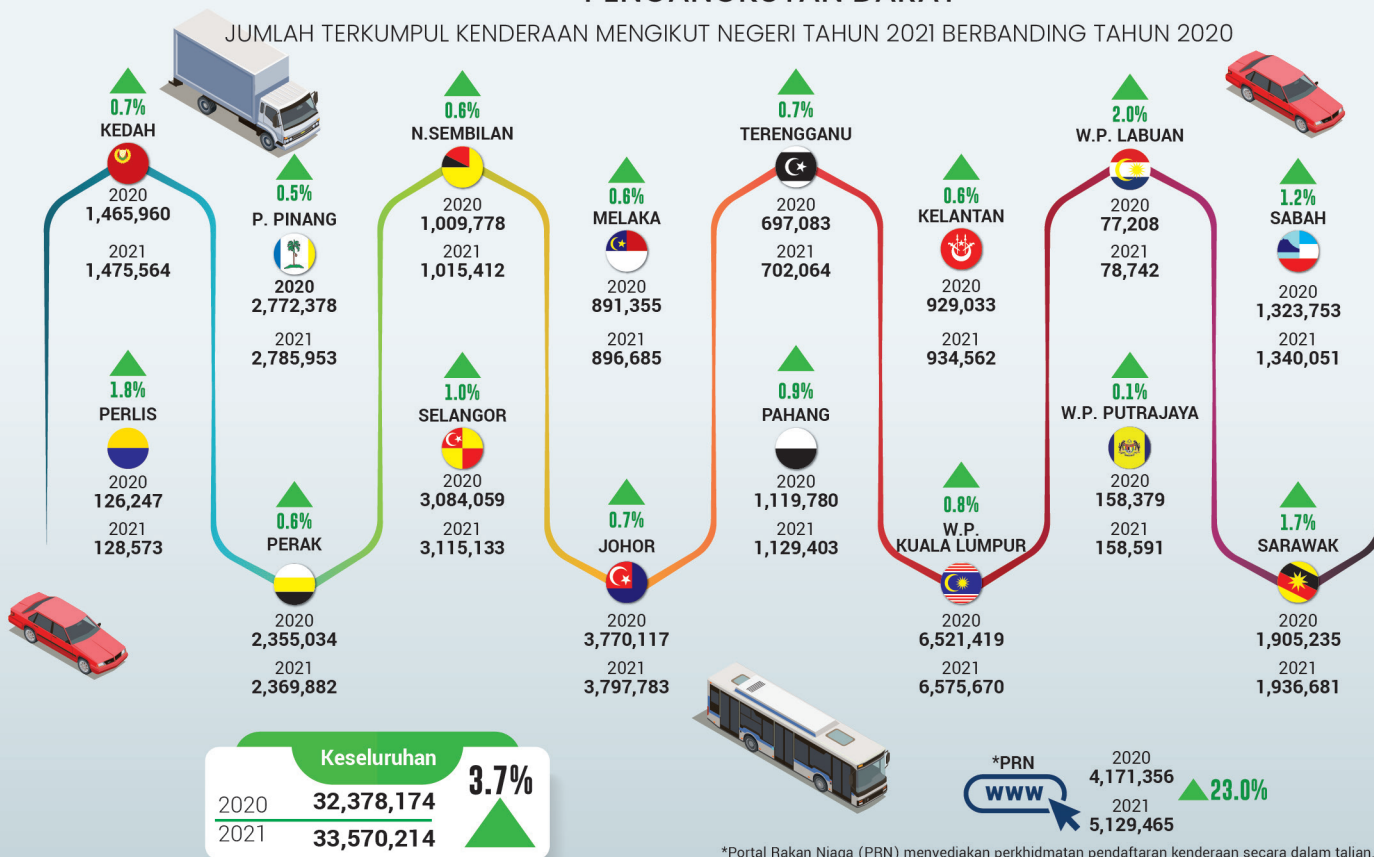
PENGANGKUTAN DARAT

JUMLAH PENDAFTARAN BAHARU KENDERAAN MENGIKUT JENIS DI MALAYSIA TAHUN 2021 BERBANDING TAHUN 2020



PENGANGKUTAN DARAT

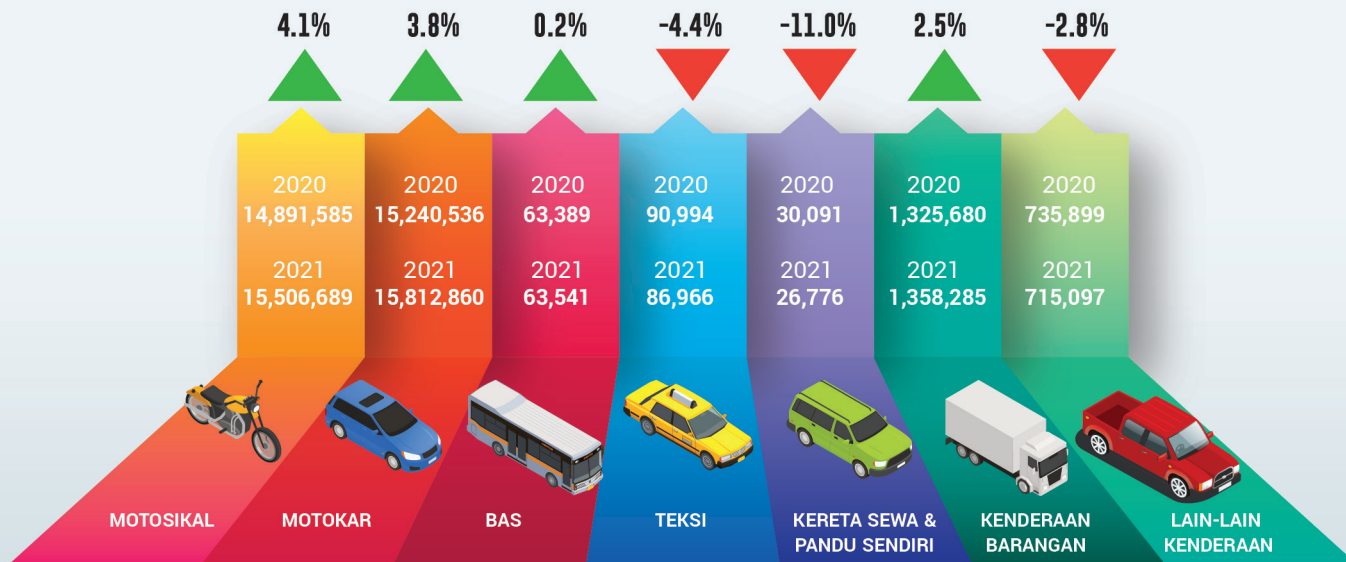
JUMLAH TERKUMPUL KENDERAAN MENGIKUT NEGERI TAHUN 2021 BERBANDING TAHUN 2020



*Portal Rakan Niaga (PRN) menyediakan perkhidmatan pendaftaran kenderaan secara dalam talian.

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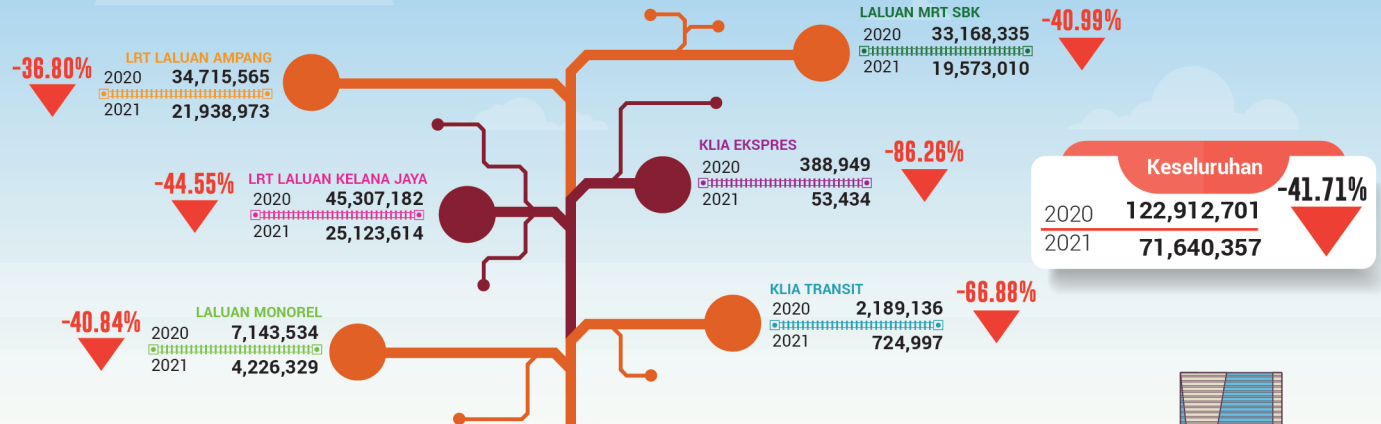
JUMLAH TERKUMPUL KENDERAAN MENGIKUT JENIS DI MALAYSIA TAHUN 2021 BERBANDING TAHUN 2020



Keseluruhan		3.7%
2020	32,378,174	
2021	33,570,214	

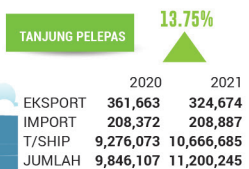
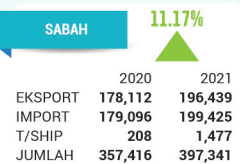
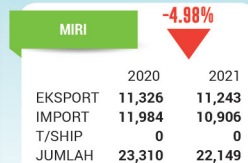
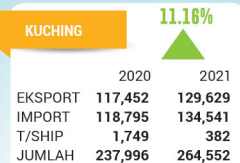
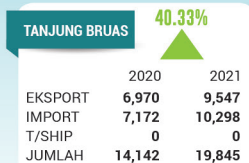
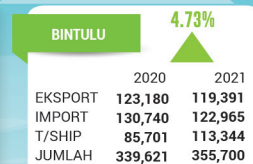
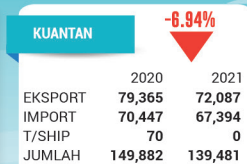
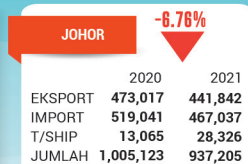
PENGANGKUTAN DARAT - REL

JUMLAH PENUMPANG YANG MENGGUNAKAN PERKHIDMATAN PENGANGKUTAN REL TAHUN 2021 BERBANDING TAHUN 2020



PENGANGKUTAN MARITIM

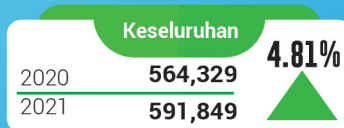
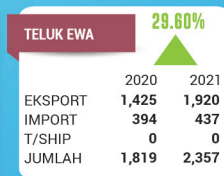
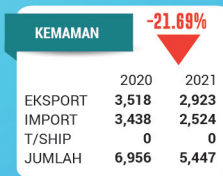
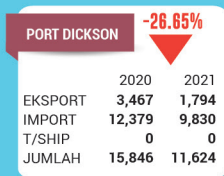
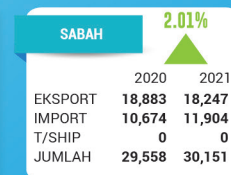
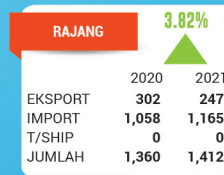
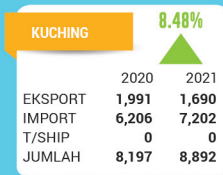
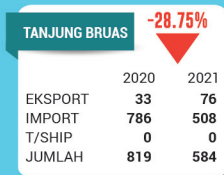
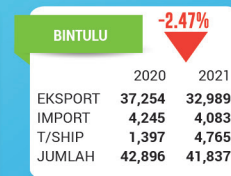
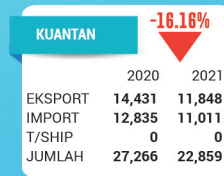
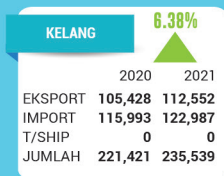
JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA (TEUs), TAHUN 2021 BERBANDING TAHUN 2020



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

PENGANGKUTAN MARITIM

JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA ('000 FWT), TAHUN 2021 BERBANDING TAHUN 2020



PENGANGKUTAN UDARA

JUMLAH PENUMPANG YANG DIKENDALIKAN DI LAPANGAN TERBANG MALAYSIA, TAHUN 2021 BERBANDING TAHUN 2020

SEMANJUNG

-63.53%

2020	19,431,904
2021	7,087,482

SABAH

-44.75%

2020	3,566,393
2021	1,970,499

SARAWAK

-48.23%

2020	3,787,790
2021	1,960,957

Keseluruhan

-58.86%

2020	26,786,087
2021	11,018,938



PENGANGKUTAN UDARA

JUMLAH KARGO YANG DIKENDALIKAN DI LAPANGAN TERBANG MALAYSIA, TAHUN 2021 BERBANDING TAHUN 2020

SEMENANJUNG



2020
698,348

2021
864,297

23.76%

SABAH



2020
51,492

2021
79,331

54.06%

SARAWAK



2020
39,251

2021
64,446

64.19%

Keseluruhan

2020
789,091

2021
1,008,074

27.75%



PENGANGKUTAN UDARA

JUMLAH PERGERAKAN PESAWAT YANG DIKENDALIKAN DI LAPANGAN TERBANG MALAYSIA, TAHUN 2021 BERBANDING TAHUN 2020

SEMENANJUNG

-39.24%
2020
239,695
2021
145,646

SABAH

-30.34%
2020
49,559
2021
34,524

SARAWAK

-20.92%
2020
81,014
2021
64,066

Keseluruhan

2020
370,268
2021
244,236
-34.04%



PENGANGKUTAN DARAT
Land Transport

JADUAL 1.11: JUMLAH TERKUMPUL PERMIT KENDERAAN AKTIF MENGIKUT TAHUN BAGI KENDERAAN PENGANGKUTAN AWAM DARAT DAN KENDERAAN BARANGAN, 2012-2021
 Table 1.11: Cumulative Total Active Vehicle Permit for Land Public Transport and Goods Vehicle by Year, 2012-2021

KELAS PERMIT <i>Class of Permit</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
BAS Bus										
BERHENTI-HENTI <i>Stage</i>	5,529	5,658	5,828	6,165	6,292	6,198	6,138	5,802	5,420	4,515
EKSPRES <i>Express</i>	3,913	4,034	4,140	4,150	4,136	4,118	4,088	3,975	3,740	3,260
MINI <i>Mini</i>	86	80	78	67	43	40	25	9	-	-
PEKERJA <i>Employees</i>	10,266	10,538	10,806	10,989	11,257	11,731	12,153	12,757	12,848	12,761
PENGANTARA <i>Feeder</i>	40	45	50	56	62	73	86	86	72	59
CATAR <i>Chartered</i>	545	536	518	493	463	440	399	357	275	207
SEKOLAH <i>School</i>	11,827	12,330	12,909	13,320	13,762	14,328	14,455	14,691	14,046	12,625
PERSIARAN <i>Excursion</i>	4,106	4,729	5,116	5,305	5,421	5,622	6,127	6,605	6,033	4,389
JUMLAH KECIL <i>Sub Total</i>	36,312	37,950	39,445	40,545	41,436	42,550	43,471	44,282	42,434	37,816
LORI <i>Lorries</i>										
"A"	133,714	142,698	152,557	162,128	170,929	181,554	196,531	211,336	221,076	220,697
"C"	25,997	28,023	30,198	32,415	34,723	37,323	40,427	42,766	43,993	42,880
JUMLAH KECIL <i>Sub Total</i>	159,711	170,721	182,755	194,543	205,652	218,877	236,958	254,102	265,069	263,577
TEKSI <i>Taxi</i>										
SEWA <i>Hire</i>	16,372	16,216	16,043	15,798	15,673	15,557	15,504	15,138	14,372	13,256
SEWA & PANDU SENDIRI <i>Hire & Drive</i>	10,665	11,052	11,288	11,392	11,503	11,652	12,231	13,758	13,778	13,158
TEKSI <i>Taxi</i>	36,090	36,973	37,654	37,504	36,308	34,906	33,411	31,148	26,935	21,771
LAPANGAN TERBANG <i>Airport</i>	2,680	2,688	2,687	2,711	2,718	2,691	2,571	2,244	1,948	1,551
LIMOUSIN <i>Limousine</i>	783	808	815	841	816	843	858	864	733	544
SEWA & PANDU PELANCONG <i>Hire & Drive (Tourism)</i>	5,104	5,445	6,545	7,487	8,017	8,769	10,878	12,879	12,084	11,040
JUMLAH KECIL <i>Sub Total</i>	71,694	73,182	75,032	75,733	75,035	74,418	75,453	76,031	69,850	61,320
JUMLAH KESELURUHAN <i>Grand Total</i>	267,717	281,853	297,232	310,821	322,123	335,845	355,882	374,415	377,353	362,713

SUMBER: AGENSI PENGANGKUTAN AWAM DARAT (APAD)
 Source: Land Public Transport Agency

JADUAL 1.12: PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2012-2021

Table 1.12: Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2012-2021

BIL No	STESEN Station	LOKASI Location	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
PERAK												
1	AR 101	Ipoh-Tanjung Malim (Slim River Toll house)	14,431	15,328	16,501	16,736	15,187	14,913	15,068	17,504	15,285	12,871
2	AR 204	Ipoh-Lumut	25,283	25,942	23,834	26,494	25,939	27,384	28,011	25,248	22,166	13,578
3	AR 301	Ipoh-Kampar	27,497	28,520	27,126	30,592	24,654	29,911	30,321	20,707	17,500	12,642
4	AR 303	Sitiawan-Gopeng	85,819	77,195	78,210	78,136	77,483	87,006	87,711	53,711	45,619	48,669
5	AR 501	Ipoh-Kuala Kangsar	19,251	20,478	18,578	19,895	19,936	20,443	20,571	22,077	19,160	14,535
6	AR 601	Ipoh-Butterworth	19,410	20,588	19,881	20,664	21,327	19,058	20,270	20,186	19,103	14,358
7	AR 603	Sitiawan-Taiping	12,586	12,938	12,531	12,949	13,919	9,227	9,449	9,677	8,023	2,101
8	AR 703	Ipoh-Teluk Intan-Simpang Empat	28,465	25,489	25,865	27,249	33,024	26,218	26,687	18,285	15,593	8,826
9	AR 801	Kuala Kangsar-Baling	3,562	3,487	2,826	3,139	3,017	2,798	2,872	2,952	2,900	3,930
10	AR 803	Lebuhraya Timur-Barat	3,944	3,796	3,636	3,293	3,818	3,923	4,028	4,164	4,112	1,433
SELANGOR												
11	BR 102	Klang-Port Klang (Persiaran Raja Muda Musa)	57,835	56,513	52,563	49,706	47,687	47,521	47,425	63,989	55,013	32,359
12	BR 108	Federal Highway-North Klang Straits Bypass	140,780	143,223	136,424	131,348	128,988	101,893	100,568	89,634	73,585	51,639
13	BR 203	Klang-Morib-Batu Laut	7,128	7,777	7,741	7,890	7,999	5,903	5,930	7,110	6,794	5,231
14	BR 405	Kuala Lumpur-Kepong-Kuala Selangor	23,648	21,278	22,618	21,611	22,277	21,568	21,697	22,957	19,739	14,364
15	BR 501	Klang-Sabak Bernam	23,370	22,174	22,443	20,838	24,554	21,642	22,118	22,373	19,411	9,052
16	BR 604	Kuala Lumpur-Kajang-Telok Datok (Bt 14 Jln Cheras)	53,689	59,023	54,222	48,737	48,199	46,607	45,441	49,444	41,588	33,772
17	BR 701	Kuala Lumpur-Kuala Kubu Bahru Junction	13,320	15,082	15,022	15,538	16,063	13,476	13,626	15,367	13,176	15,599
18	BR 902	Jalan Lingkaran Tengah 2 (MRR2)	151,486	147,449	144,308	129,579	138,711	153,545	153,914	108,272	92,725	55,377
PAHANG												
19	CR 106	Jalan Kuala Lumpur-Sempadan Kota Bharu	15,490	13,768	18,488	15,702	16,291	18,843	19,144	21,090	18,700	15,414
20	CR 403	Kuantan-Marang	31,138	31,416	31,876	29,856	30,231	33,247	34,204	26,215	22,721	19,103
21	CR 410	Kuantan-Kemaman (Sg. Ular)	22,911	21,601	22,995	20,827	24,850	30,052	30,768	33,911	30,615	15,611
22	CR 503	Kuala Lumpur-Kuala Lipis-Kampung Padang Tuanku-Kota Bharu	7,513	6,985	7,319	8,063	8,757	8,302	8,595	8,239	8,210	5,976
23	CR 603	Pekan-Nenasi (In front of JKR Pekan)	10,319	11,563	11,535	10,741	11,620	11,606	12,370	11,748	10,450	8,678
24	CR 801	Kuantan-Karak	13,281	13,328	15,673	14,874	15,730	16,731	17,493	17,130	15,498	8,659
25	CR 805	Kuantan-Marang	7,088	6,952	6,714	6,369	6,841	6,915	7,061	6,889	6,638	5,006
26	CR 902	Kuantan-Segamat	9,545	8,763	9,314	9,985	10,514	10,416	10,651	12,330	12,383	12,455

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works

JADUAL 1.12: PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2012-2021 (SAMB.)
 Table 1.12: Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2012-2021 (Cont'd)

BIL No	STESEN Station	LOKASI Location	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
KELANTAN												
27	DR 201	Kota Bharu-Pasir Puteh	42,433	32,263	26,043	39,257	28,405	65,518	66,933	34,004	30,008	24,824
28	DR 603	Lebuh raya Timur-Barat	6,275	6,029	6,141	4,718	6,344	6,300	6,389	6,268	6,123	4,581
29	DR 802	Kota Bharu-Kuala Krai	23,381	21,200	22,523	23,345	21,969	22,160	22,550	21,898	18,967	16,159
JOHOR												
30	JR 102	Batu Pahat-Muar	21,881	25,305	21,429	17,176	18,177	23,564	23,698	24,753	21,916	24,421
31	JR 105	Muar-Yong Peng (3.8km South of Yong Peng (U) Interchange)	15,993	16,189	14,695	16,282	14,554	15,723	15,778	16,114	13,978	11,822
32	JR 108	Yong Peng-Segamat (North of Route 184 junction)	12,369	11,628	11,521	11,985	9,733	11,199	11,274	11,702	9,957	13,665
33	JR 204	Jalan Skudai	104,684	114,704	105,441	108,858	110,498	145,079	149,199	88,738	77,841	42,046
34	JR 218	Jalan Pelabuhan Pasir Gudang	47,563	26,552	26,502	29,045	43,134	42,306	40,952	41,754	35,961	31,034
35	JR 305	Johor Bahru-Ayer Hitam	15,398	13,911	15,847	17,359	17,598	20,602	21,216	15,543	13,843	11,058
36	JR 306	Batu Pahat-Ayer Hitam-Jemaluang	39,674	38,053	38,366	41,632	41,936	43,771	45,045	36,704	32,214	18,986
37	JR 404	Johor Bahru-Kota Tinggi	23,273	22,103	19,750	19,745	18,984	17,601	16,527	17,838	14,995	18,645
38	JR 501	Johor Bahru-Endau (2.4km North of Mersing Town)	13,411	14,412	14,391	14,672	15,336	15,599	15,459	14,442	12,566	8,800
39	JR 503	Johor Bahru-Endau (Southwest of Jemaluang)	4,490	4,720	4,143	2,656	4,969	4,349	4,378	4,252	4,075	3,648
40	JR 702	Pontian-Batu Pahat (near Hospital Pontian)	16,772	15,061	14,678	15,945	16,690	13,050	12,985	14,607	12,595	10,766
41	JR 801	Johor Bahru-Segamat-Batu Anam	15,875	16,826	16,800	17,751	15,954	16,518	16,819	16,824	14,655	7,547
KEDAH												
42	KR 202	Alor Star-Jitra	42,822	47,474	34,003	36,660	38,036	39,669	40,387	31,183	27,076	27,493
43	KR 401	Alor Setar-Sungai Petani-Butterworth	23,141	23,971	23,672	24,779	21,656	20,749	21,195	19,585	16,611	6,037
44	KR 501	Alor Setar-Sungai Petani	19,249	18,853	17,797	19,854	18,221	17,748	17,695	17,083	14,551	7,794
MELAKA												
45	MR 206	Jalan Melaka-Muar	17,044	16,779	17,112	17,182	15,640	16,329	16,525	14,823	12,733	10,841
46	MR 301	Lebuh AMJ (Alor Gajah-Kendong)	11,170	15,715	15,665	16,885	19,662	17,780	19,098	17,151	15,733	9,773
47	MR 312	Jalan Melaka-Masjid Tanah-Lubok China	16,322	16,602	10,867	16,916	17,439	18,320	18,593	18,558	16,661	15,088

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works

JADUAL 1.12: PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2012-2021 (SAMB.)
 Table 1.12: Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2012-2021 (Cont'd)

BIL No	STESEN Station	LOKASI Location	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
NEGERI SEMBILAN												
48	NR 304	Seremban-Port Dickson (Lukut)	54,394	59,864	62,112	57,613	41,295	48,851	48,557	36,878	30,582	5,808
49	NR 403	Seremban-Tampin	12,832	12,645	11,459	12,465	12,737	13,415	13,334	13,449	11,704	5,379
50	NR 501	Seremban-Kuala Lumpur (Old road)	11,397	10,671	11,810	11,870	10,984	11,314	11,088	11,339	9,731	3,346
51	NR 505	Seremban-Gemas	57,639	50,484	48,002	47,976	48,966	49,199	51,260	48,647	43,883	44,176
PULAU PINANG												
52	PR 116	Butterworth-Ipoh	56,932	64,993	48,588	65,716	59,320	52,095	52,205	51,562	43,931	34,453
53	PR 201	George Town-Telok Bahang	28,442	27,106	28,419	24,774	23,255	22,006	22,365	29,350	24,991	16,432
54	PR 203	George Town-Bayan Lepas-Gelugor	59,900	62,207	63,049	62,464	56,678	61,819	64,144	56,917	49,901	41,317
PERLIS												
55	RR 106	Kangar-Alor Star	14,625	13,042	14,367	14,707	15,279	14,351	14,524	15,891	13,899	11,832
TERENGGANU												
56	TR 103	K. Terengganu-Jerteh-Kota Bharu	27,325	27,066	19,490	23,584	22,605	21,136	20,946	19,092	15,972	14,946
57	TR 202	Kuala Terengganu-Dungun-Kemaman (Kuala Dungun-Paka)	27,856	29,864	28,124	28,171	24,852	23,209	23,023	23,148	19,357	16,848
58	TR 305	Cheneh-K. Terengganu (Jln. Jabor-Jerangau)	7,566	8,036	7,667	4,105	3,992	4,268	4,136	4,202	3,781	3,091
59	TR 402	K. Terengganu-Marang	29,532	31,227	31,686	24,887	34,408	35,427	36,656	35,124	31,387	25,665
60	TR 502	K. Terengganu-Ajil-Jerangau	10,092	8,715	8,739	9,561	9,047	10,410	9,847	11,561	10,932	8,412
KUALA LUMPUR												
61	WR 101	Kuala Lumpur-Kuala Selangor (Jalan Kepong)	139,737	160,694	132,401	111,097	122,688	103,024	98,490	95,537	77,964	51,360
62	WR 102	Kuala Lumpur-Ipoh	252,341	253,179	214,760	211,188	169,218	138,477	134,184	132,621	103,473	76,646
63	WR 103	Kuala Lumpur-Ipoh	203,277	216,424	192,223	162,596	205,686	144,046	140,589	138,507	113,825	90,749

SUMBER: KEMENTERIAN KERJA RAYA
 Source: Ministry of Works

JADUAL 1.13: PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2012-2021
 Table 1.13: Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2012-2021

BIL No	STESEN Station	LOKASI Location	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
SABAH												
1	HR 103	KK-Sepulut Highway	3,171	2,938	3,018	2,792	2,782	3,137	3,159	3,181	3,101	3,695
2	HR 104	Tenom-Tomani/Bekuku H'way	2,123	2,450	2,378	2,299	6,943	5,618	5,618	4,757	4,891	3,523
3	HR 201	Kota Kinabalu-Sindumin (Kg Mook)	14,491	14,406	15,329	15,786	15,999	15,892	17,465	16,755	15,240	12,212
4	HR 202	A3, KK-Tambunan (8km from A/A31 Intersection)	3,353	3,839	4,478	4,105	3,351	4,307	4,354	5,073	4,628	3,755
5	HR 204	KK-Kudat (Kg Mantanau)	9,953	13,909	11,923	12,388	13,887	15,654	16,405	15,632	14,156	11,496
6	HR 501	Tawau-Sandakan Highway (Near Balung Junction)	10,455	10,327	10,229	11,508	11,694	12,649	13,012	13,272	11,861	9,842
7	HR 504	Sg. Segama Crossing	7,641	9,407	8,739	6,335	7,412	6,832	7,028	7,390	6,963	5,396
8	HR 506	Jalan Sing-Sing (18km from Bandar Semporna)	2,742	2,704	3,087	2,310	3,609	2,689	2,721	4,351	4,304	3,126
9	HR 507	Kunak-Lahad Datu	9,706	7,831	7,699	6,700	8,169	8,389	8,629	7,776	7,238	5,712
SARAWAK												
10	SR 101	Bau-Semantan	5,780	3,512	3,582	4,090	3,429	5,138	5,320	4,820	4,839	3,560
11	SR 103	Kuching-Serian	32,889	27,987	32,808	34,874	34,950	22,171	22,587	42,598	36,673	31,432
12	SR 401	Bintulu-Sibu	4,342	4,476	5,125	5,841	5,563	5,685	5,258	5,017	4,495	3,679
13	SR 402	Bintulu-Miri	5,355	9,139	8,677	7,452	7,428	8,000	8,208	7,359	7,312	5,388
14	SR 403	Miri-Bintulu (before junction to Airport)	11,805	10,865	10,887	12,329	9,092	9,861	9,792	11,743	10,027	8,639
15	SR 503	Limbang-Brunei Border (Sg.Padaruan)	11,014	12,742	11,150	12,807	13,245	15,221	14,901	21,415	18,899	4,194
16	SR 504	Lawas-Trusan	6,448	7,243	7,200	7,912	11,701	9,640	10,623	9,335	9,854	6,830

SUMBER: KEMENTERIAN KERJA RAYA
 Source: Ministry of Works

JADUAL 1.14: 16 JAM TRAFIK DAN KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2021
 Table 1.14: 16 Hours Traffic and Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2021

BIL No	STESEN Station	LOKASI Location	16 JAM TRAFIK 16 Hours Traffic	KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN Traffic Composition (%) by 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 <i>Peninsular Malaysia</i>									
1	JR 204	Jalan Skudai	42,046	73.0	3.5	6.8	0.9	4.9	10.9
2	JR 501	Johor Bahru-Endau (2.4km North of Mersing town)	8,800	57.2	8.2	5.5	3.4	0.0	25.7
3	NR 501	Seremban-Kuala Lumpur (Old road)	3,346	72.4	5.1	5.5	3.8	1.0	12.3
4	PR 115	Butterworth-Taiping	22,760	60.4	8.9	8.2	1.7	0.6	20.4
5	AR 301	Ipoh-Kampar	12,642	75.1	5.0	6.3	1.7	1.8	10.1
6	KR 501	Alor Setar-Sungai Petani	7,794	67.9	4.6	7.6	3.2	1.1	15.6
7	CR 805	Kuantan-Maran	5,006	57.5	13.5	8.6	6.7	0.7	13.0
8	CR 902	Kuantan-Segamat	12,455	62.2	14.2	5.4	8.8	0.2	9.2
9	TR 402	Kuala Terengganu-Marang	25,665	61.1	12.9	2.9	0.6	0.4	22.2
10	DR 802	Kota Bharu-Kuala Krai	16,159	61.4	13.5	5.6	3.1	0.6	15.8
SABAH									
11	HR 201	Kota Kinabalu-Sindumin (Kg Mook)	12,212	61.7	23.6	5.8	2.6	0.9	5.4
12	HR 501	Tawau-Sandakan Highway (Near Balung Junction)	9,842	37.7	35.3	9.8	6.6	0.4	10.2
SARAWAK									
13	SR 103	Kuching - Serian	31,432	55.7	16.2	7.3	5.7	0.7	14.3
14	SR 402	Bintulu - Miri	5,388	36.0	37.9	7.6	11.6	0.8	6.1

SUMBER: KEMENTERIAN KERJA RAYA
 Source: Ministry of Works



PENGANGKUTAN DARAT: REL
Land Transport: Rail

JADUAL 2.1: BILANGAN PENUMPANG, TRAFIK BARANGAN DAN KONTENA YANG DIKENDALIKAN OLEH KERETAPI TANAH MELAYU BERHAD, 2012-2021
 Table 2.1: Number of Passenger, Freight Traffic and Container Handled by Malayan Railways Limited, 2012-2021

TAHUN Year	PERKHIDMATAN KERETAPI Rail Services					KTM KOMUTER KTM Commuter	PERKHIDMATAN KERETAPI ELEKTRIK Electric Train Service (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)
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
2020	1,041	72	4,551	818	198,857	11,796	364	1,647	415
2021	304	47	4,793	1,002	224,444	5,899	188	633	177

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

JADUAL 2.2: BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2012-2021
Table 2.2: Number of Passengers and Passenger Kilometres by Classes, 2012-2021

TAHUN <i>Year</i>	BILANGAN PENUMPANG <i>Number of Passengers ('000)</i>				KILOMETER PENUMPANG <i>Passenger Kilometres ('000,000)</i>			
	KELAS SATU <i>First Class</i>	KELAS DUA <i>Second Class</i>	KELAS TIGA <i>Third Class</i>	JUMLAH <i>Total</i>	KELAS SATU <i>First Class</i>	KELAS DUA <i>Second Class</i>	KELAS TIGA <i>Third Class</i>	JUMLAH <i>Total</i>
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
2020	2.7	811.7	125.8	1,041.0	1.1	59.9	10.8	71.8
2021	1.7	95.7	206.6	304.0	n.a	n.a	n.a	47.3

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

JADUAL 2.3 : TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2012-2021
 Table 2.3 : Freight Traffic by Type of Cargo, 2012-2021

JENIS KARGO Type of Cargo	('000)	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
SIMEN & KLINKER <i>Cement & Clinker</i>	Tonne	2,353	2,594	2,358	2,167	1,870	1,727	1,628	1,273	912	859
	t km	800,580	926,261	794,218	709,409	561,404	496,426	464,561	343,424	203,221	221,124
KONTENA PERKAPALAN <i>Maritime Container</i>	Tonne	2,691	2,864	3,776	3,157	3,138	2,954	3,417	3,517	2,719	3,090
	t km	390,237	406,723	633,616	532,818	543,274	514,733	646,137	568,142	418,648	583,984
LANDBRIDGE <i>Landbridge</i>	Tonne	19	19	89	133	186	325	401	450	307	358
	t km	25,724	30,512	53,258	48,071	60,303	70,630	76,830	89,267	65,063	84,267
PETROL & MINYAK GALIAN <i>Petrol & Mineral Oil</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
MAKANAN & MINUMAN PROSES <i>Processed Food & Drink</i>	Tonne	417	413	418	421	431	377	311	305	298	265
	t km	168,725	169,418	187,878	161,967	150,592	135,934	114,565	111,961	109,184	97,015
BERAS, PADI & BRAN <i>Rice, Paddy & Bran</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
GETAH <i>Rubber</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
GETAH CECAIR <i>Latex</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
KAYU BALAK <i>Logs</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
KAYU GERGAJI <i>Swan Timber</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
BIJIH & LAIN-LAIN GALIAN <i>Ore & Other Minerals</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
KIMIA <i>Chemicals</i>	Tonne	337	342	377	326	349	234	188	426	316	220
	t km	19,774	21,047	25,256	21,838	23,423	15,919	12,578	28,565	21,531	15,625
MINYAK MAKAN <i>Edible Oil</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN <i>Others</i>	Tonne	279	390	118	1	17	-	-	1	-	-
	t km	159,253	205,671	47,235	255	10,379	-	-	227	-	-
JUMLAH Total	Tonne	6,096	6,622	7,136	6,205	5,991	5,617	5,944	5,972	4,551	4,793
	t km	1,564,293	1,759,632	1,741,461	1,474,358	1,349,375	1,233,642	1,314,671	1,141,586	817,647	1,002,015

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

JADUAL 2.4 : DAFTAR LOKOMOTIF, 2012–2021

Table 2.4 : Locomotive Inventory, 2012–2021

TAHUN <i>Year</i>	LALUAN UTAMA <i>Mainline</i>							TREN SET ELEKTRIK <i>Electric Train Set</i>				ENJIN LANGSIR <i>Shunting</i>					
	HIDRAULIK KELAS 21 <i>Class 21 Hydraulic</i>	KELAS <i>Class</i> 22	KELAS <i>Class</i> 23	KELAS <i>Class</i> 24	KELAS <i>Class</i> 25	KELAS <i>Class</i> 26	KELAS <i>Class</i> 29	JUMLAH <i>Total</i>	RELKAR (RELBAS) <i>Rail-Car (Rail-Bus)</i>	SET EMU <i>EMU Sets</i>	SET ETS <i>ETS Sets</i>	JUMLAH <i>Total</i>	LETRIK KELAS 15 <i>Class 15 Electric</i>	HIDRAULIK KELAS 16/17 <i>Class 16/17 Hydraulic</i>	LETRIK KELAS 18 <i>Class 18 Electric</i>	LETRIK KELAS 19 <i>Class 19 Electric</i>	JUMLAH <i>Total</i>
2012	0	0	7	18	17	20	20	82	0	60	5	65	0	0	0	1	1
2013	0	0	7	18	17	20	20	82	0	50	5	55	0	0	0	0	-
2014	0	0	7	17	17	20	20	81	0	96	5	101	0	0	0	4	4
2015	0	0	6	16	17	20	20	79	0	57	5	62	0	0	0	6	6
2016	0	0	6	16	17	20	20	79	0	57	15	72	0	0	0	6	6
2017	0	0	6	16	16	19	20	77	0	57	15	72	0	0	0	6	6
2018	0	0	6	16	17	20	20	79	0	58	15	73	0	0	0	10	10
2019	0	0	6	16	17	20	20	79	0	58	15	73	0	0	0	10	10
2020	0	0	6	16	17	20	20	79	0	58	24	82	0	0	0	9	9
2021	0	0	6	16	17	19	20	78	0	58	24	82	0	0	0	9	9

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: *Malayan Railways Limited*

JADUAL 2.5: DAFTAR GERABAK BARANG, 2012–2021
 Table 2.5: Freight Wagon Inventory, 2012–2021

TAHUN <i>Year</i>	GERABAK TERTUTUP <i>Covered Wagons</i>	GERABAK TEBING TINGGI <i>High Side Wagons</i>	GERABAK TEBING RENDAH <i>Low Side Wagons</i>	GERABAK TANGKI <i>Tank Wagons</i>				GERABAK BOLSTER <i>Bolster Wagons</i>	GERABAK TERNAKAN <i>Livestock Wagons</i>	LAIN-LAIN GERABAK <i>Other Wagons</i>	JUMLAH <i>Total</i>
				PETROLEUM <i>Petroleum</i>	MINYAK SAWIT <i>Palm Oil</i>	GETAH CECAIR <i>Latex</i>	AMMONIA <i>Ammonia</i>				
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
2020	44	-	101	-	-	1	-	2,374	1	54	2,575
2021	31	-	101	-	-	1	-	2,243	1	72	2,449

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

JADUAL 2.6: DAFTAR KOC PENUMPANG, 2012-2021
 Table 2.6: Passenger Coaches Inventory, 2012-2021

TAHUN <i>Year</i>	PERJALANAN SIANG <i>Day Travel</i>			PERJALANAN MALAM/ SIANG <i>Night/ Day Travel</i>			LAIN-LAIN <i>Others</i>			JUMLAH <i>Total</i>						
	BILANGAN KOC <i>Number of Coaches</i>	JUMLAH TEMPAT DUDUK <i>Number of Seats</i>			BILANGAN KOC <i>Number of Coaches</i>	JUMLAH TEMPAT DUDUK <i>Number of Seats</i>			BILANGAN KOC <i>Number of Coaches</i>	JUMLAH TEMPAT DUDUK <i>Number of Seats</i>			BILANGAN KOC <i>Number of Coaches</i>	JUMLAH TEMPAT DUDUK <i>Number of Seats</i>		
		KELAS Class I	KELAS Class II	KELAS Class III		KELAS Class I	KELAS Class II	KELAS Class III		KELAS Class I	KELAS Class II	KELAS Class III		KELAS Class I	KELAS Class II	KELAS Class III
2012	52	264	2,280	-	94	284	3,400	814	-	-	-	-	146	548	5,680	814
2013	43	168	1,680	370	77	160	2,520	1,258	-	-	-	-	120	328	4,200	1,628
2014	29	274	1,258	-	54	24	2,272	391	-	-	-	-	82	298	3,530	391
2015	72	64	3,751	592	83	155	3,533	979	-	-	-	-	155	219	7,284	1,571
2016	69	-	4,140	-	69	-	3,840	74	-	-	-	-	138	-	7,980	74
2017	102	-	4,860	1,554	62	-	3,300	222	-	-	-	-	164	-	8,160	1,776
2018	103	-	4,920	1,554	57	-	3,040	222	-	-	-	-	160	-	7,960	1,776
2019	42	-	2,520	-	29	180	1,120	-	-	-	-	-	71	180	3,640	-
2020	32	-	1,920	-	28	144	1,120	-	-	-	-	-	60	144	3,040	-
2021	161	-	9,677	-	65	197	2,893	-	-	-	-	-	226	197	12,570	-

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

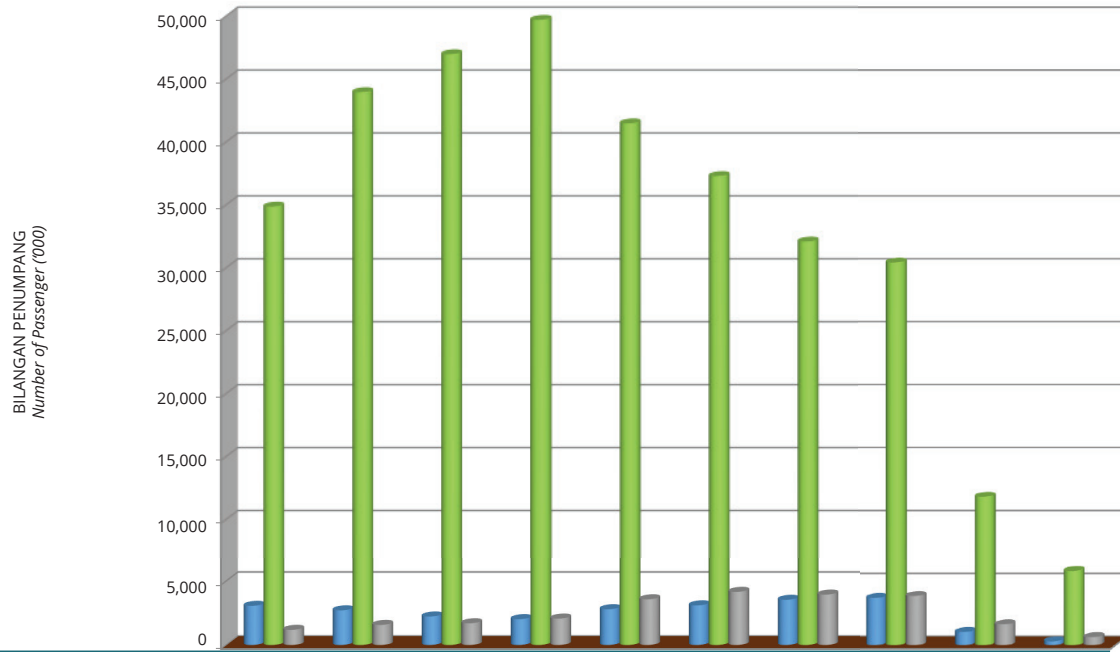
JADUAL 2.7: BILANGAN PENUMPANG MENGIKUT JENIS PERKHIDMATAN PENGANGKUTAN REL, 2012-2021
 Table 2.7: Number of Passengers by Type of Rail Transport Services, 2012-2021

JENIS PERKHIDMATAN <i>Type of Services</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
LRT LALUAN AMPANG <i>LRT Ampang Line</i>	56,809,978	60,207,397	63,270,432	62,809,412	59,192,907	59,462,032	60,960,445	65,147,222	34,715,565	21,938,973
LRT LALUAN KELANA JAYA <i>LRT Kelana Jaya Line</i>	71,574,674	78,702,931	81,971,322	82,144,674	79,002,829	83,585,412	87,216,597	94,657,974	45,307,182	25,123,614
KL MONOREL <i>KL Monorail</i>	24,435,931	25,437,624	24,303,466	25,067,867	21,990,242	16,841,630	12,594,377	12,535,738	7,143,534	4,226,329
MRT LALUAN SBK <i>MRT SBK Line</i>	-	-	-	-	-	22,350,508	51,314,240	63,952,805	33,168,335	19,573,010
KLIA EKSPRES <i>KLIA Express</i>	1,649,410	2,062,702	2,928,302	3,470,710	2,419,964	2,275,650	2,212,393	2,156,319	388,949	53,434
KLIA TRANSIT <i>KLIA Transit</i>	3,713,532	4,377,386	6,310,323	7,559,347	6,485,520	6,443,667	6,541,505	6,788,121	2,189,136	724,997

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

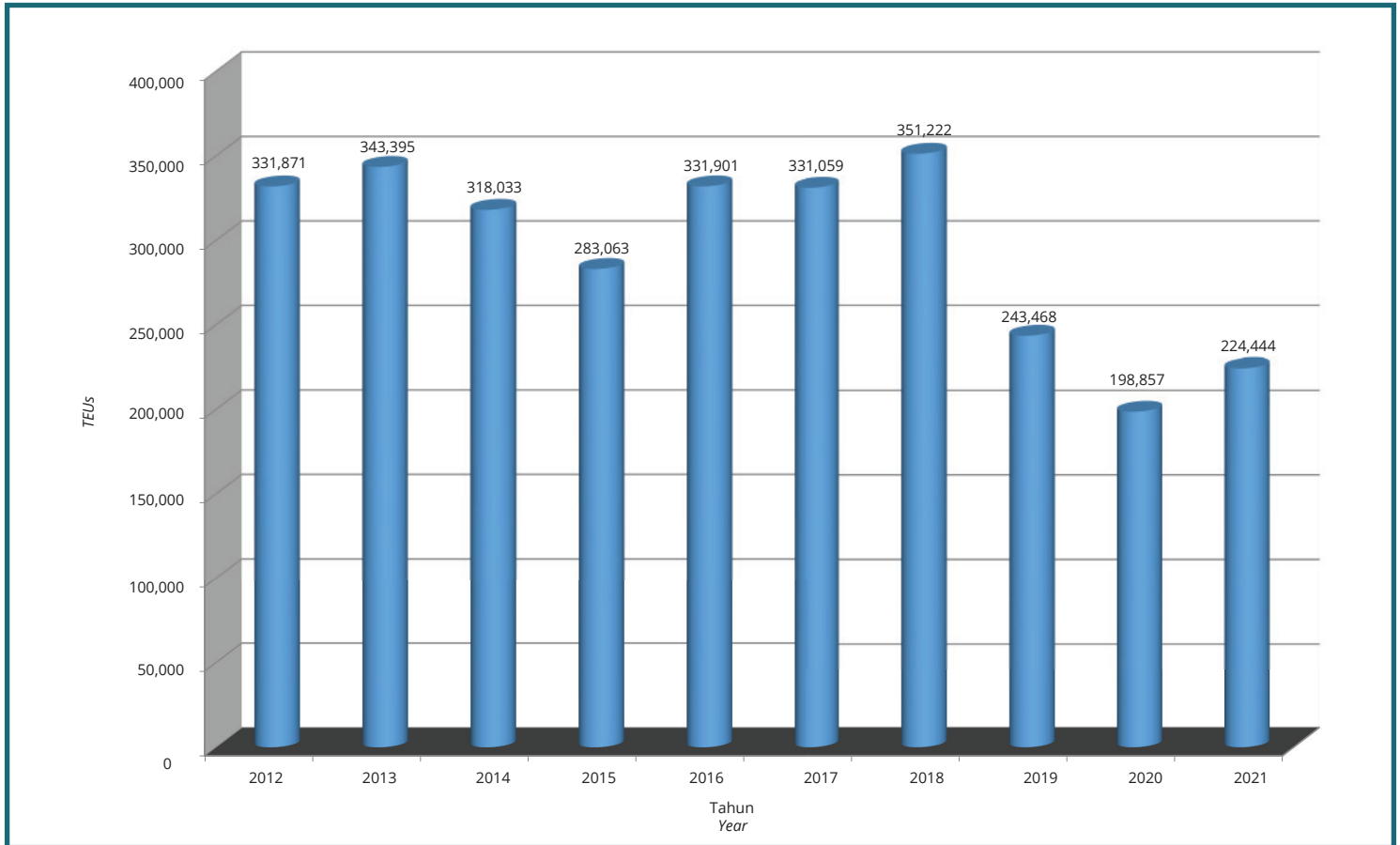
Note: MRT Sungai Buloh-Kajang (SBK) start operation on January 2017. Data 2017 is inclusive of non fare Ridership (Free ride).

CARTA 2.1: BILANGAN PENUMPANG YANG DIKENDALIKAN OLEH KERETAPI TANAH MELAYU BERHAD, 2012-2021
 Chart 2.1: Number of Passengers Handled by Malayan Railways Limited, 2012-2021

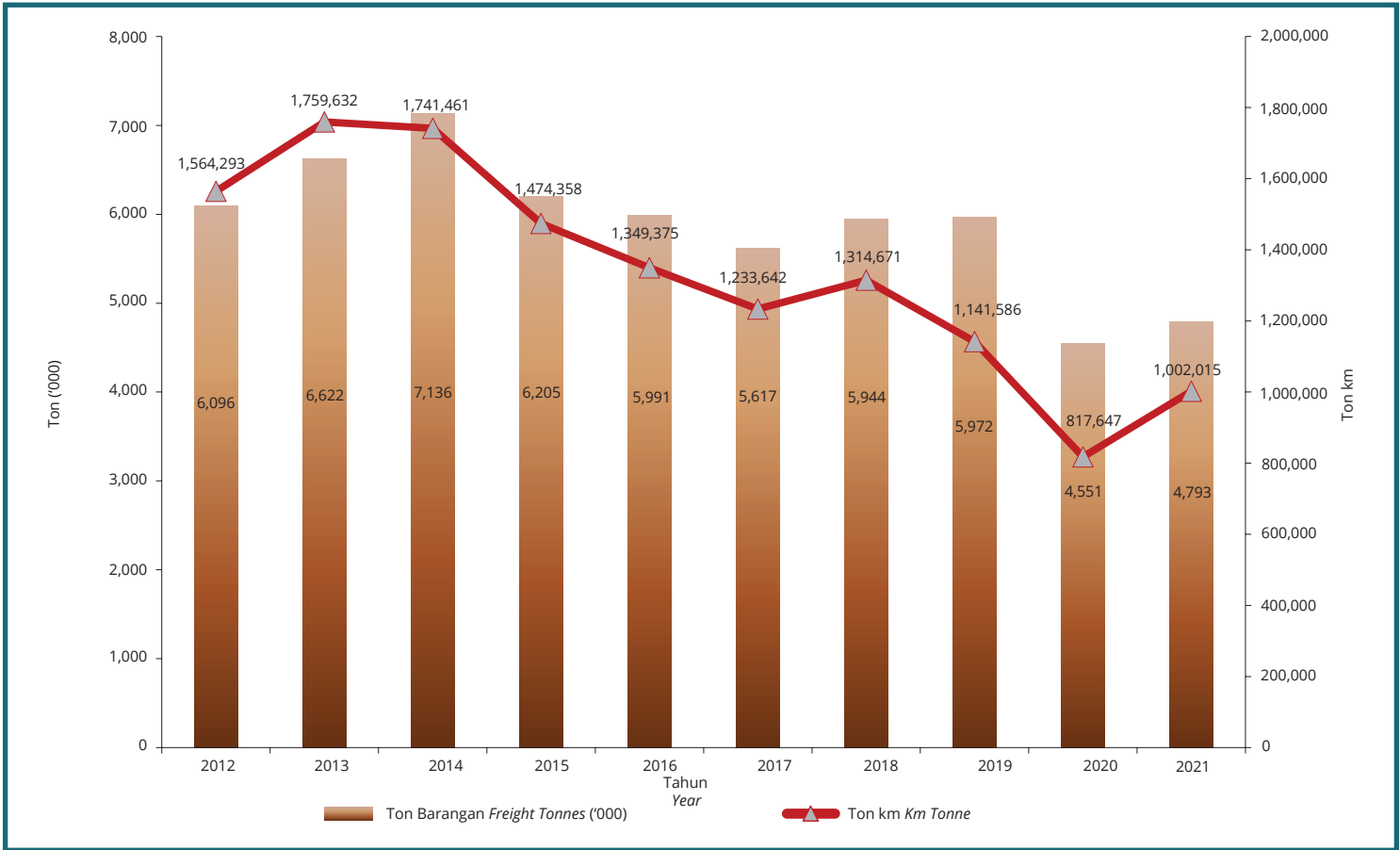


	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
■ Perkhidmatan Keretapi <i>Train Service</i>	3,056	2,703	2,223	2,015	2,791	3,092	3,527	3,746	1,041	304
■ Komuter <i>Commuter</i>	34,847	43,942	46,957	49,690	41,469	37,274	32,078	30,404	11,796	5,899
■ <i>Electric Train Service (ETS)</i>	1,180	1,563	1,692	2,060	3,565	4,148	3,933	3,902	1,647	633

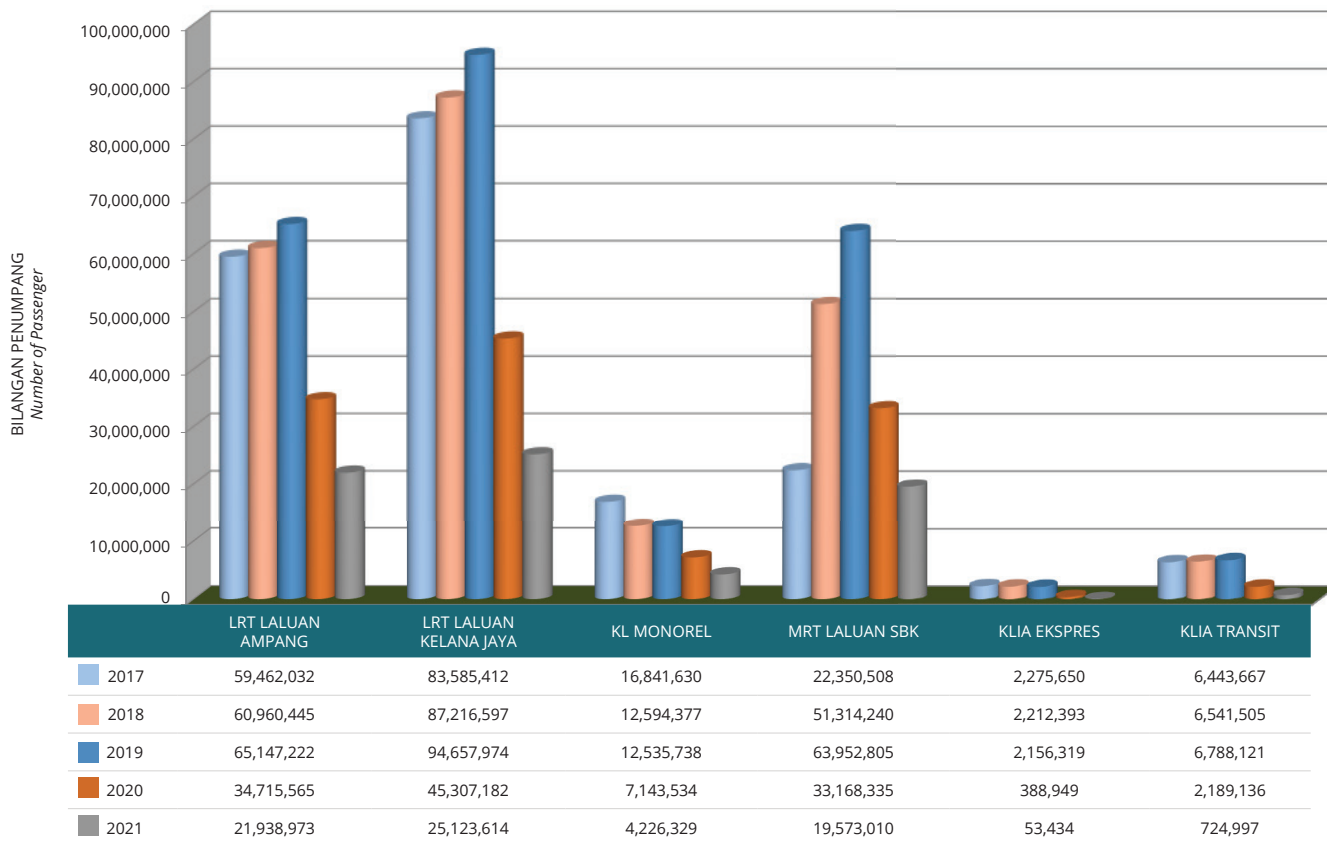
CARTA 2.2: JUMLAH KONTENA YANG DIKENDALIKAN OLEH KERETAPI TANAH MELAYU BERHAD, 2012-2021
Chart 2.2: Total Container Handled by Malayan Railways Limited, 2012-2021



CARTA 2.3: TRAFIK BARANGAN YANG DIKENDALIKAN OLEH KERETAPI TANAH MELAYU BERHAD, 2012-2021
 Chart 2.3: Freight Traffic Handled by Malayan Railways Limited, 2012-2021



CARTA 2.4: BILANGAN PENUMPANG MENGIKUT JENIS PERKHIDMATAN PENGANGKUTAN REL, 2017-2021
 Chart 2.4: Number of Passengers by Type of Rail Transport Services, 2017-2021





PENGANGKUTAN MARITIM *Maritime Transport*

JADUAL 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2012-2021
 Table 3.1: Total Cargo Throughput by Ports, Malaysia, 2012-2021

('000) FREIGHT WEIGHT TONNES

BIL No	PELABUHAN Ports		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
1	KELANG	EKSPORT Export	90,551	90,423	95,559	100,644	113,709	104,202	104,418	116,805	105,428	112,552	
		IMPORT Import	107,356	109,855	121,730	119,142	131,748	108,106	116,282	126,303	115,993	122,987	
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	197,907	200,278	217,289	219,786	245,457	212,308	220,700	243,108	221,421	235,539	
2	PULAU PINANG	EKSPORT Export	12,894	12,934	12,865	13,024	13,816	14,715	15,081	14,921	13,360	12,803	
		IMPORT Import	15,918	16,497	16,421	16,676	16,482	17,416	18,658	17,654	15,876	15,932	
		PINDAH KAPAL Transshipment	515	650	761	614	679	642	670	553	798	444	
		JUMLAH Total	29,328	30,081	30,047	30,314	30,978	32,773	34,409	33,128	30,035	29,179	
3	JOHOR	EKSPORT Export	10,494	10,402	10,728	11,389	11,174	11,842	13,001	13,666	13,457	13,737	
		IMPORT Import	15,415	16,577	16,575	17,263	16,948	16,534	18,011	17,478	16,578	16,594	
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	25,909	26,979	27,303	28,652	28,122	28,376	31,012	31,144	30,036	30,331	
4	KUANTAN	EKSPORT Export	12,021	15,099	17,001	36,255	12,149	11,734	9,357	13,257	14,431	11,848	
		IMPORT Import	4,043	4,233	4,365	3,775	4,192	5,728	8,641	12,841	12,835	11,011	
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	16,064	19,332	21,367	40,030	16,341	17,462	17,998	26,099	27,266	22,859	

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

JADUAL 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2012-2021 (SAMB.)
 Table 3.1: Total Cargo Throughput by Ports, Malaysia, 2012-2021 (Cont'd)

('000) FREIGHT WEIGHT TONNES

BIL No	PELABUHAN Ports		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
5	BINTULU	EKSPORT <i>Export</i>	35,134	37,652	38,149	37,463	38,310	40,433	36,994	39,577	37,254	32,989
		IMPORT <i>Import</i>	4,888	4,824	5,644	5,824	6,310	5,919	5,485	4,370	4,245	4,083
		PINDAH KAPAL <i>Transshipment</i>	1,136	1,329	1,602	1,450	1,379	1,293	1,575	1,249	1,397	4,765
		JUMLAH Total	41,158	43,805	45,395	44,737	45,999	47,645	44,054	45,196	42,896	41,837
6	TANJUNG BRUAS	EKSPORT <i>Export</i>	115	177	144	44	84	63	38	58	33	76
		IMPORT <i>Import</i>	304	301	299	479	561	805	675	928	786	508
		PINDAH KAPAL <i>Transshipment</i>	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	420	477	443	523	645	868	713	986	819	584
7	KUCHING	EKSPORT <i>Export</i>	1,875	2,183	2,284	2,529	2,260	1,900	1,665	1,758	1,991	1,691
		IMPORT <i>Import</i>	7,314	7,395	6,851	6,800	6,902	6,807	7,343	7,295	6,206	7,202
		PINDAH KAPAL <i>Transshipment</i>	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	9,189	9,578	9,134	9,329	9,162	8,707	9,008	9,053	8,197	8,892
8	MIRI	EKSPORT <i>Export</i>	4,823	5,563	5,226	4,701	4,494	4,321	4,032	3,895	2,901	2,654
		IMPORT <i>Import</i>	842	866	697	579	591	682	750	711	595	565
		PINDAH KAPAL <i>Transshipment</i>	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	5,665	6,429	5,923	5,280	5,086	5,003	4,782	4,606	3,496	3,218

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

JADUAL 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2012-2021 (SAMB.)
 Table 3.1: Total Cargo Throughput by Ports, Malaysia, 2012-2021 (Cont'd)

('000) FREIGHT WEIGHT TONNES

BIL No	PELABUHAN Ports		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
9	RAJANG	EKSPORT Export	1,649	613	453	374	298	185	278	294	302	247	
		IMPORT Import	1,614	1,513	1,325	1,150	1,109	1,000	1,047	995	1,058	1,165	
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	3,263	2,126	1,778	1,524	1,407	1,185	1,325	1,289	1,360	1,412	
10	SABAH	EKSPORT Export	13,852	13,931	14,308	15,101	21,692	23,424	23,557	21,637	18,883	18,247	
		IMPORT Import	13,851	13,487	14,064	12,744	11,850	12,083	12,892	12,526	10,674	11,904	
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	27,703	27,418	28,372	27,844	33,542	35,507	36,449	34,163	29,558	30,151	
11	PORT DICKSON	EKSPORT Export	2,613	2,928	2,470	2,331	2,064	4,155	3,372	2,964	3,467	1,794	
		IMPORT Import	11,755	10,179	9,542	11,714	11,711	11,811	19,234	15,386	12,379	9,830	
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	14,368	13,107	12,013	14,045	13,774	15,966	22,607	18,350	15,846	11,624	
12	KEMAMAN	EKSPORT Export	3,432	2,506	2,655	3,524	3,694	3,335	2,636	4,151	3,518	2,923	
		IMPORT Import	3,249	1,853	2,208	2,956	2,129	2,181	2,474	3,968	3,438	2,524	
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	6,681	4,359	4,864	6,480	5,824	5,516	5,111	8,119	6,956	5,447	

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

JADUAL 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2012-2021 (SAMB.)
 Table 3.1: Total Cargo Throughput by Ports, Malaysia, 2012-2021 (Cont'd)

(’000) FREIGHT WEIGHT TONNES

BIL No	PELABUHAN Ports		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
13	TELUK EWA	EKSPORT <i>Export</i>	3,237	3,473	3,059	2,794	2,927	2,338	2,277	2,536	1,425	1,920
		IMPORT <i>Import</i>	696	706	717	596	516	535	451	499	394	437
		PINDAH KAPAL <i>Transshipment</i>	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	3,933	4,180	3,776	3,391	3,443	2,873	2,727	3,035	1,819	2,357
14	TANJUNG PELEPAS	EKSPORT <i>Export</i>	5,187	5,178	5,393	5,484	5,547	5,813	6,231	6,272	6,251	4,939
		IMPORT <i>Import</i>	1,412	1,584	1,823	1,988	2,134	2,203	2,342	2,500	2,446	3,141
		PINDAH KAPAL <i>Transshipment</i>	112,392	115,905	126,825	130,994	121,661	122,506	131,234	128,432	135,928	159,979
		JUMLAH Total	118,991	122,667	134,040	138,466	129,342	130,522	139,807	137,203	144,625	168,059
JUMLAH BESAR <i>Grand Total</i>		EKSPORT <i>Export</i>	202,835	210,495	235,831	232,022	232,219	228,459	222,937	241,792	222,703	218,419
		IMPORT <i>Import</i>	189,686	202,011	201,641	213,117	213,182	191,810	214,285	223,453	203,503	207,882
		PINDAH KAPAL <i>Transshipment</i>	114,371	118,268	128,889	133,052	123,719	124,441	133,479	130,233	138,123	165,188
		JUMLAH Total	506,892	530,774	566,361	578,192	569,120	544,711	570,701	595,478	564,329	591,489

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

JADUAL 3.2 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2021
 Table 3.2 : Total Cargo Throughput by Ports and Type, Malaysia, 2021

(000) FREIGHT WEIGHT TONNES

PELABUHAN <i>Ports</i>	PUKAL KERING <i>Dry Bulk</i>		PUKAL CECAIR <i>Liquid Bulk</i>		KARGO AM <i>General Cargo</i>		JUMLAH <i>Total</i>	KARGO DALAM KONTENA <i>Containerized Cargo</i>	JUMLAH BESAR <i>Grand Total</i>
	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN DALAM NEGERI <i>Local Trade</i>	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN DALAM NEGERI <i>Local Trade</i>	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN DALAM NEGERI <i>Local Trade</i>			
KELANG	8,158	1,670	5,521	3,062	4,879	3,464	26,754	208,785	235,539
PULAU PINANG	307	2,614	762	2,954	720	494	7,850	21,329	29,179
JOHOR	-	-	-	-	-	-	-	-	30,331
KUANTAN	11,670	23	2,655	1,381	4,185	31	19,945	2,914	22,859
BINTULU	2,638	151	27,550	4,741	925	125	36,130	5,707	41,837
TANJUNG BRUAS	143	-	20	-	420	-	584	-	584
KUCHING	459	-	721	327	290	1,102	2,899	5,993	8,892
MIRI	121	-	1,181	530	418	969	3,218	-	3,218
RAJANG	6	3	-	3	17	48	77	1,335	1,412
SABAH	-	-	-	-	-	-	-	-	30,151
PORT DICKSON	-	-	-	-	-	-	11,624	-	11,624
KEMAMAN	2,321	67	2,054	331	673	1	5,447	-	5,447
TELOK EWA	1,920	387	-	50	-	-	2,357	-	2,357
TANJUNG PELEPAS	-	-	-	-	-	-	-	168,059	168,059
JUMLAH Total	27,743	4,914	40,465	13,378	12,526	6,235	116,886	414,122	591,489

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

JADUAL 3.3: BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2021
 Table 3.3: Commodities Loaded by Ports And Types, Malaysia, 2021

('000) FREIGHT WEIGHT TONNES

PELABUHAN <i>Ports</i>	MINYAK KELAPA SAWIT <i>Palm Oil</i>	BUANGAN ISI SAWIT <i>Palm Kernel Waste</i>	PETROLEUM & MINYAK PEMBAKAR <i>Petroleum & Fuel Oil</i>	GAS ASLI CECAIR <i>Liquefied Natural Gas</i>	GAS PETROLEUM CAIR <i>Liquefied Petroleum Gas</i>	KAYU KAYAN PROSES <i>Processed Timber</i>	KAYU BALAK <i>Logs</i>	BIJIRIN <i>Grains/ Cereals</i>	BESI/ BESI WAJA <i>Iron/ Steel</i>	BAHAN KIMIA/ BAJA <i>Chemical/ Fertilizer</i>	GETAH & SUSU GETAH <i>Rubber & Latex</i>	SIMEN/ KLINKER Cement/ Clinker	BIJIH & GALIAN Ore & Mineral	LAIN- LAIN Others	JUMLAH <i>Total</i>
KELANG	2,653	755	557	-	39	39	66	-	619	498	-	-	-	107,326	112,552
PULAU PINANG	285	1	76	-	-	537	1,278	191	763	1,056	2,456	1	-	6,160	12,803
JOHOR	-	-	-	-	-	-	-	-	-	-	-	-	-	13,737	13,737
KUANTAN	766	156	68	-	-	87	-	-	3,163	778	-	116	3,507	3,207	11,848
BINTULU	3,319	587	4,529	20,900	99	965	85	-	-	-	-	146	-	2,359	32,989
TANJUNG BRUAS	-	-	-	-	-	-	-	-	-	-	-	-	-	76	76
KUCHING	379	-	2	-	-	50	-	7	207	57	70	1	-	917	1,691
MIRI	-	0	1,566	-	-	378	121	-	9	2	0	-	-	579	2,654
RAJANG	-	-	-	-	-	98	-	-	16	-	-	-	-	133	247
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	18,247	18,247
PORT DICKSON	-	-	-	-	-	-	-	-	-	-	-	-	-	1,794	1,794
KEMAMAN	-	-	178	-	753	-	-	-	641	-	-	-	808	543	2,923
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	1,920	-	-	1,920
TANJUNG PELEPAS	-	-	-	-	-	-	-	-	-	-	-	-	-	4,939	4,939
JUMLAH Total	7,402	1,498	6,976	20,900	891	2,154	1,549	198	5,418	2,391	2,526	2,184	4,315	160,016	218,419

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

JADUAL 3.4: BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2021
 Table 3.4: Commodities Unloaded by Ports And Types, Malaysia, 2021

('000) FREIGHT WEIGHT TONNES

PELABUHAN <i>Ports</i>	MINYAK KELAPA SAWIT <i>Palm Oil</i>	PETROLEUM & MINYAK PEMBAKAR <i>Petroleum & Fuel Oil</i>	BESI/ BESI WAJA <i>Iron/ Steel</i>	BIJIRIN <i>Grains/ Cereals</i>	GULA <i>Sugar</i>	BAHAN KIMIA/ BAJA <i>Chemical/ Fertilizer</i>	MESIN/ PERALATAN CKD <i>Machinery/ Component CKD</i>	KERTAS <i>Paper Reels</i>	KAIN <i>Textiles</i>	SIMEN/ KLINKER <i>Cement/ Clinker</i>	MAKANAN PROSES <i>Processed Foodstuff</i>	LAIN-LAIN <i>Others</i>	JUMLAH <i>Total</i>
KELANG	1,598	1,314	2,467	3,169	699	1,314	85	-	-	-	-	112,341	122,987
PULAU PINANG	426	770	1,314	1,677	160	965	2,570	581	200	0	1,061	6,207	15,932
JOHOR	-	-	-	-	-	-	-	-	-	-	-	16,594	16,594
KUANTAN	164	1,264	416	-	-	1,346	-	-	-	-	-	7,820	11,011
BINTULU	157	738	-	-	-	610	-	-	-	324	-	2,254	4,083
TANJUNG BRUAS	-	-	-	-	-	-	-	-	-	-	-	508	508
KUCHING	-	711	499	594	46	420	235	93	74	163	530	3,837	7,202
MIRI	-	48	27	-	7	29	7	8	0	-	-	439	565
RAJANG	-	14	59	42	12	33	122	10	44	-	184	645	1,165
SABAH	-	-	-	-	-	-	-	-	-	-	-	11,904	11,904
PORT DICKSON	-	-	-	-	-	-	-	-	-	-	-	9,830	9,830
KEMAMAN	-	408	2	-	223	208	-	-	-	-	-	1,683	2,524
TELOK EWA	-	50	-	-	-	-	-	-	-	-	-	387	437
TANJUNG PELEPAS	-	-	-	-	-	-	-	-	-	-	-	3,141	3,141
JUMLAH Total	2,346	5,317	4,785	5,482	1,148	4,924	3,018	691	318	487	1,776	177,591	207,882

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

JADUAL 3.5: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2012-2021
Table 3.5: Total Container Throughput By Ports, Malaysia, 2012-2021

			TEUs									
BIL No	PELABUHAN Ports		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	KELANG	EKSPORT <i>Export</i>	1,821,995	1,860,613	1,942,773	1,979,828	2,063,736	2,161,053	2,353,835	2,485,728	2,564,794	2,684,281
		IMPORT <i>Import</i>	1,872,867	1,907,495	1,962,431	1,976,188	2,038,527	2,174,755	2,394,845	2,548,592	2,556,427	2,648,695
		PINDAH KAPAL <i>Transshipment</i>	6,306,633	6,582,299	7,040,600	7,930,669	9,107,314	7,642,358	7,567,323	8,546,397	8,123,202	8,391,484
		JUMLAH Total	10,001,495	10,350,407	10,945,804	11,886,685	13,209,577	11,978,166	12,316,003	13,580,717	13,244,423	13,724,460
2	PULAU PINANG	EKSPORT <i>Export</i>	565,516	593,785	594,255	612,993	681,463	723,632	715,939	705,858	647,634	605,504
		IMPORT <i>Import</i>	538,074	565,894	563,557	603,007	661,323	705,922	705,841	700,642	630,829	608,460
		PINDAH KAPAL <i>Transshipment</i>	62,143	78,034	107,900	101,352	94,334	94,274	88,596	84,145	109,524	64,042
		JUMLAH Total	1,165,733	1,237,713	1,265,712	1,317,352	1,437,120	1,523,828	1,510,376	1,490,645	1,387,987	1,278,006
3	JOHOR	EKSPORT <i>Export</i>	332,905	339,939	350,721	364,705	373,986	411,989	441,032	480,061	473,017	441,842
		IMPORT <i>Import</i>	350,826	380,055	383,407	408,481	428,793	474,096	490,524	548,759	519,041	467,037
		PINDAH KAPAL <i>Transshipment</i>	117,327	37,029	58,373	27,338	24,234	14,607	10,033	15,034	13,065	28,326
		JUMLAH Total	801,058	757,023	792,501	800,524	827,013	900,692	941,589	1,043,854	1,005,123	937,205
4	KUANTAN	EKSPORT <i>Export</i>	69,356	63,482	67,150	72,319	73,952	76,061	78,696	80,348	79,365	72,087
		IMPORT <i>Import</i>	66,726	62,746	63,902	68,360	67,687	70,978	71,216	73,802	70,447	67,394
		PINDAH KAPAL <i>Transshipment</i>	19	320	192	280	-	2	-	-	70	-
		JUMLAH Total	136,101	126,548	131,244	140,959	141,639	147,041	149,912	154,150	149,882	139,481

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

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2012-2021 (SAMB.)
 Table 3.5 : Total Container Throughput By Ports, Malaysia, 2012-2021 (Cont'd)

TEUs

BIL No	PELABUHAN Ports		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
5	BINTULU	EKSPORT Export	84,809	89,986	94,434	86,669	99,703	119,215	128,266	135,204	123,180	119,391
		IMPORT Import	88,410	90,505	94,620	84,939	103,086	121,595	137,621	137,904	130,740	122,965
		PINDAH KAPAL Transshipment	57,834	69,862	81,441	72,091	74,322	68,339	82,778	72,398	85,701	113,344
		JUMLAH Total	231,053	250,353	270,495	243,699	277,111	309,149	348,665	345,506	339,621	355,700
6	TANJUNG BRUAS	EKSPORT Export	-	-	-	-	-	-	-	5,401	6,970	9,547
		IMPORT Import	-	-	-	-	-	-	-	6,229	7,172	10,298
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	-	-	-	-	-	-	-	11,630	14,142	19,845
7	KUCHING	EKSPORT Export	112,500	122,508	110,416	108,653	106,441	108,208	119,343	115,517	117,452	129,629
		IMPORT Import	108,141	108,492	109,222	111,541	113,198	114,277	123,955	122,962	118,795	134,541
		PINDAH KAPAL Transshipment	11,185	18,690	8,022	5,134	4,149	3,555	2,257	2,074	1,749	382
		JUMLAH Total	231,826	249,690	227,660	225,328	223,788	226,040	245,555	240,553	237,996	264,552
8	MIRI	EKSPORT Export	14,676	15,224	14,519	12,919	14,445	15,167	13,777	14,046	11,326	11,243
		IMPORT Import	16,823	18,723	18,373	16,458	16,266	14,681	15,162	14,340	11,984	10,906
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	31,499	33,947	32,892	29,377	30,711	29,848	28,939	28,386	23,310	22,149

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

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2012-2021 (SAMB.)
 Table 3.5 : Total Container Throughput By Ports, Malaysia, 2012-2021 (Cont'd)

TEUs

BIL No	PELABUHAN Ports		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
9	RAJANG	EKSPORT Export	43,653	34,181	29,830	28,081	23,496	18,044	25,655	29,161	31,667	35,885	
		IMPORT Import	45,878	46,896	46,258	42,375	39,282	37,321	39,678	38,432	40,104	44,005	
		PINDAH KAPAL Transshipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	89,531	81,077	76,088	70,456	62,778	55,365	65,333	67,593	71,771	79,890	
10	SABAH	EKSPORT Export	183,623	180,504	191,623	181,175	177,016	175,458	192,295	189,428	178,112	196,439	
		IMPORT Import	183,656	183,984	193,362	180,100	179,055	177,361	178,478	189,082	179,096	199,425	
		PINDAH KAPAL Transshipment	7,345	8,554	13,815	1,910	1,315	336	3,392	874	208	1,477	
		JUMLAH Total	374,624	373,042	398,800	363,185	357,386	353,155	374,165	379,384	357,416	397,341	
11	TANJUNG PELEPAS	EKSPORT Export	308,625	310,572	322,792	325,775	326,569	336,086	368,322	364,343	361,663	324,674	
		IMPORT Import	139,333	132,231	143,886	147,848	157,233	178,595	190,134	203,467	208,372	208,887	
		PINDAH KAPAL Transshipment	7,045,848	6,973,716	7,765,434	8,325,125	7,796,909	7,745,929	8,402,409	8,509,676	9,276,073	10,666,685	
		JUMLAH Total	7,493,805	7,416,518	8,232,113	8,798,747	8,280,710	8,260,609	8,960,865	9,077,485	9,846,107	11,200,245	
JUMLAH BESAR Grand Total	EKSPORT Export	3,537,658	3,610,794	3,718,513	3,773,117	3,940,807	4,144,913	4,437,160	4,605,095	4,595,180	4,630,522		
	IMPORT Import	3,410,734	3,497,021	3,579,018	3,639,297	3,804,450	4,069,581	4,347,454	4,584,211	4,473,007	4,522,613		
	PINDAH KAPAL Transshipment	13,608,334	13,768,504	15,075,777	16,463,899	17,102,577	15,569,400	16,156,788	17,230,598	17,609,592	19,265,740		
	JUMLAH Total	20,556,725	20,876,318	22,373,309	23,876,312	24,847,833	23,783,893	24,941,402	26,419,903	26,677,778	28,418,874		

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

JADUAL 3.6 : JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2012-2021
 Table 3.6 : Total Number of Ships Calling by Ports, Malaysia, 2012-2021

PELABUHAN Ports		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
KELANG	BIL / No	17,721	16,703	15,298	16,541	16,323	15,322	14,547	14,234	13,294	11,717
	GRT (' 000)	384,436	407,918	409,806	441,580	464,732	420,897	435,237	446,952	490,995	430,455
PULAU PINANG	BIL / No	7,796	6,309	6,137	6,226	7,008	6,610	6,449	5,798	3,555	2,374
	GRT (' 000)	66,941	63,992	59,389	64,526	68,936	82,140	73,890	74,281	46,368	32,733
JOHOR	BIL / No	4,252	4,133	3,964	3,984	4,044	3,951	3,850	3,858	3,691	3,634
	GRT (' 000)	30,286	29,614	25,894	28,096	30,672	31,781	38,920	41,987	42,557	43,295
KUANTAN	BIL / No	2,470	2,406	2,342	2,347	1,820	1,924	1,865	2,117	2,346	2,119
	GRT (' 000)	22,469	23,153	24,803	35,374	20,225	22,616	22,716	28,559	30,798	28,222
BINTULU	BIL / No	7,581	8,239	8,478	7,329	7,457	7,717	7,744	7,728	6,555	6,473
	GRT (' 000)	63,987	67,534	68,593	67,009	68,770	69,528	67,188	72,537	70,906	69,476
TANJUNG BRUAS	BIL / No	91	117	352	305	236	528	180	218	169	123
	GRT (' 000)	384	471	3,786	4,433	649	5,143	1,461	2,487	1,769	897
KUCHING	BIL / No	1,933	2,054	1,897	2,012	1,759	1,542	1,517	1,427	1,212	1,173
	GRT (' 000)	10,337	10,624	10,784	11,079	10,797	10,410	10,657	11,140	7,860	8,953
MIRI	BIL / No	1,779	1,702	1,508	1,039	872	1,477	3,648	6,485	4,922	6,323
	GRT (' 000)	6,134	7,545	6,745	6,041	6,148	5,424	5,627	6,115	5,484	5,024
RAJANG	BIL / No	1,378	1,034	908	702	667	589	574	552	560	495
	GRT (' 000)	3,611	1,998	1,416	1,022	998	894	885	867	849	799
SABAH	BIL / No	14,641	13,228	14,178	13,769	11,242	9,914	9,224	8,686	7,239	7,323
	GRT (' 000)	37,997	40,811	46,468	42,146	45,492	47,450	46,230	47,740	41,164	41,041
PORT DICKSON	BIL / No	963	854	880	897	724	741	669	736	721	627
	GRT (' 000)	11,685	12,062	11,521	19,229	17,337	11,903	11,474	13,349	12,059	11,728
KEMAMAN	BIL / No	605	554	495	639	633	629	541	795	753	495
	GRT (' 000)	5,723	4,002	4,401	5,711	5,567	5,282	4,970	7,846	6,877	5,317
TELUK EWA	BIL / No	510	527	472	376	332	336	317	308	193	205
	GRT (' 000)	2,635	3,078	2,760	2,553	2,625	2,276	2,138	2,295	1,336	1,661
TANJUNG PELEPAS	BIL / No	5,041	4,793	4,759	4,696	4,470	4,404	4,629	4,877	4,581	4,431
	GRT (' 000)	40,328	38,344	38,072	37,568	35,760	35,232	37,032	38,944	36,648	35,448
JUMLAH	BIL / No	66,761	62,653	61,668	60,862	57,587	55,684	55,754	57,819	49,791	47,512
Total	GRT (' 000)	686,953	711,145	714,437	766,368	778,708	750,978	758,426	795,098	795,669	715,049

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

JADUAL 3.7: JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2021
 Table 3.7: Type of Ships Calling by Ports, Malaysia, 2021

PELABUHAN <i>Ports</i>	PERENTAS SAMUDERA <i>Foreign Going</i>							PERSISIRAN <i>Coastal</i>					JUMLAH BESAR <i>Grand Total</i>		
	KONTENA <i>Container</i>		KARGO AM <i>General Cargo</i>	TANKER CECAIR <i>Liquid Tankers</i>	PUKAL KERING <i>Dry Bulk</i>	LAIN- LAIN <i>Others</i>	JUMLAH <i>Total</i>	KONTENA <i>Container</i>		KARGO AM <i>General Cargo</i>	TANKER CECAIR <i>Liquid Tankers</i>	PUKAL KERING <i>Dry Bulk</i>		LAIN- LAIN <i>Others</i>	JUMLAH <i>Total</i>
	INDUK <i>Main Line</i>	FEEDER <i>Feeder</i>						INDUK <i>Main Line</i>	FEEDER <i>Feeder</i>						
KELANG	-	7,921	827	1,400	394	41	10,583	-	783	207	89	25	30	1,134	11,717
PULAU PINANG	411	666	20	129	-	355	1,581	-	-	131	506	151	5	793	2,374
JOHOR	-	1,203	164	1,357	217	-	2,941	-	303	20	321	49	-	693	3,634
KUANTAN	13	336	294	659	400	38	1,740	-	15	16	276	6	66	379	2,119
BINTULU	180	79	115	893	181	97	1,545	-	515	125	404	46	3,838	4,928	6,473
TANJUNG BRUAS	20	-	55	11	14	-	100	-	-	3	17	3	-	23	123
KUCHING	-	119	47	133	33	131	463	-	338	171	88	6	107	710	1,173
MIRI	-	-	83	25	22	-	130	-	25	6,153	15	-	-	6,193	6,323
RAJANG	1	-	23	-	2	-	26	419	-	49	1	-	-	469	495
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,323
PORT DICKSON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	627
KEMAMAN	-	-	47	263	107	-	417	-	-	1	63	14	-	78	495
TELOK EWA	-	-	55	34	13	-	102	-	-	48	3	52	-	103	205
TANJUNG PELEPAS	1,599	2,614	-	-	-	-	4,213	-	218	-	-	-	-	218	4,431
JUMLAH Total	2,224	12,938	1,730	4,904	1,383	662	23,841	419	2,197	6,924	1,783	352	4,046	15,721	47,512

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

JADUAL 3.8: BILANGAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELOASAN BARU) DAN BERAT, MALAYSIA, 2017-2021
 Table 3.8: Number of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2017-2021

JENIS KAPAL Type of Ship	2017			2018			2019			2020			2021		
	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT
	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)
TANGKI MINYAK Oil Tanker	20	28	12	10	17	8	24	147	72	12	57	24	19	168	83
KAPAL LNG, LPG LNG, LPG Carrier	1	134	40	1	134	40	-	-	-	-	-	-	1	3	1
TANGKI KIMIA, PETROLEUM Chemical, Petroleum Tanker	-	-	-	-	-	-	4	20	9	-	-	-	-	-	-
KAPAL PUKAL, BIJIH, KAYU BALAK Bulk, Grain, Ore, Log Carrier	3	95	59	1	47	28	6	12	6	5	6	3	1	5	2
KARGO AM, SEPARA KONTENA General Cargo, Semi Container	4	3	1	3	3	2	10	11	5	11	7	3	1	0	0
KAPAL PENUMPANG, AM, PENUMPANG Passenger, General, Passenger Ship	10	6	2	10	4	2	8	5	2	8	51	15	10	11	3
RO-RO	-	-	-	1	44	13	-	-	-	1	0	0	2	92	28
KONTENA PENUH Full Container	2	24	10	4	47	22	9	98	47	3	23	7	6	87	36
OFFSHORE SUPPORT VESSEL	19	34	10	18	33	10	24	47	14	12	16	12	12	19	6
TONGKANG Barge	53	62	20	49	80	25	42	61	18	27	51	15	14	19	6
LAIN-LAIN Others	118	71	22	97	122	50	79	266	80	72	74	23	49	47	14
JUMLAH Total	230	456	176	194	531	200	206	666	252	151	285	103	115	452	180

SUMBER: JABATAN LAUT MALAYSIA
 Source: Marine Department Malaysia

JADUAL 3.9 : JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGLASAN BARU) DAN BERAT, MALAYSIA, 2017-2021
 Table 3.9 : Total of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2017-2021

JENIS KAPAL <i>Type of Ship</i>	2017			2018			2019			2020			2021		
	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT
	<i>No.</i>	<i>(' 000)</i>	<i>(' 000)</i>	<i>No.</i>	<i>(' 000)</i>	<i>(' 000)</i>	<i>No.</i>	<i>(' 000)</i>	<i>(' 000)</i>	<i>No.</i>	<i>(' 000)</i>	<i>(' 000)</i>	<i>No.</i>	<i>(' 000)</i>	<i>(' 000)</i>
TANGKI MINYAK <i>Oil Tanker</i>	260	1,987	1,138	261	1,827	1,044	280	1,799	1,006	287	1,477	795	283	1,257	662
KAPAL LNG, LPG <i>LNG, LPG Carrier</i>	41	2,728	825	39	2,762	835	39	2,762	835	39	2,762	835	38	2,676	809
TANGKI KIMIA, PETROLEUM <i>Chemical, Petroleum Tanker</i>	42	358	144	41	357	144	39	195	86	39	195	86	31	141	60
KAPAL PUKAL, BIJIH, KAYU BALAK <i>Bulk, Grain, Ore, Log Carrier</i>	17	469	291	18	517	318	23	481	297	28	487	300	29	491	301
KARGO AM, SEPARA KONTENA <i>General Cargo, Semi Container</i>	478	533	286	472	519	277	468	519	276	476	517	275	470	500	267
KAPAL PENUMPANG, AM, PENUMPANG <i>Passenger, General, Passenger Ship</i>	352	77	29	357	79	30	362	76	28	367	126	43	370	134	45
RO-RO	10	165	51	10	162	49	10	162	49	11	162	50	13	254	77
KONTENA PENUH <i>Full Container</i>	25	220	106	25	234	112	33	328	157	36	351	164	40	420	191
OFFSHORE SUPPORT VESSEL	299	356	110	309	380	117	325	415	128	331	424	131	319	403	124
TONGKANG <i>Barge</i>	1,493	1,580	541	1,518	1,619	553	1,550	1,648	563	1,572	1,687	574	1,559	1,659	567
LAIN-LAIN <i>Others</i>	2,465	3,511	1,340	2,508	3,522	1,345	2,497	3,582	1,338	2,542	3,647	1,369	2,522	3,600	1,363
JUMLAH Total	5,482	11,984	4,859	5,558	11,978	4,824	5,626	11,967	4,762	5,728	11,836	4,622	5,674	11,534	4,466

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), 2017-2021

Table 3.10: Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLBB), 2017-2021

JENIS KARGO <i>Type of Cargo</i>	2017		2018		2019		2020		2021	
	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING Foreign <i>Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING Foreign <i>Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING Foreign <i>Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING Foreign <i>Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING Foreign <i>Registered</i>
KARGO KERING <i>Dry Bulk</i>	182	4	188	5	169	11	210	78	213	63
KELAPA SAWIT <i>Palm Oil</i>	33	45	27	9	22	6	3	4	6	1
PETROLUEM, DIESEL <i>Petroleum, Diesel</i>	207	696	217	691	225	638	205	482	188	455
PENUMPANG <i>Passenger</i>	143	32	149	28	138	35	137	26	136	8
KONTENA <i>Container</i>	41	19	36	15	32	11	59	9	79	7
KIMIA <i>Chemical</i>	0	0	13	90	2	5	0	0	0	0
KHIDMAT TUNDA <i>Towing Services</i>	680	555	750	350	715	207	629	51	582	53
PERALATAN KERJA CARI GALI <i>Exploration Work Equipment</i>	133	122	135	130	119	202	53	52	53	34
KENDERAAN. RO-RO <i>Vehicle, Ro-ro</i>	12	2	9	3	9	0	14	0	13	0
BAHAN BINAAN <i>Construction Material</i>	48	287	44	150	40	80	12	116	15	66
KAYU BALAK <i>Log Wood</i>	163	0	142	0	122	0	29	0	23	0
SIMEN KLINKER <i>Clinker Cement</i>	0	23	0	7	0	4	0	0	0	0
LAIN-LAIN <i>Others</i>	969	947	1,018	659	1,064	519	1,033	750	1,026	625
JUMLAH Total	2,611	2,732	2,728	2,137	2,657	1,718	2,384	1,568	2,334	1,312

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

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

JADUAL 3.11: JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS LESEN DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2017-2021

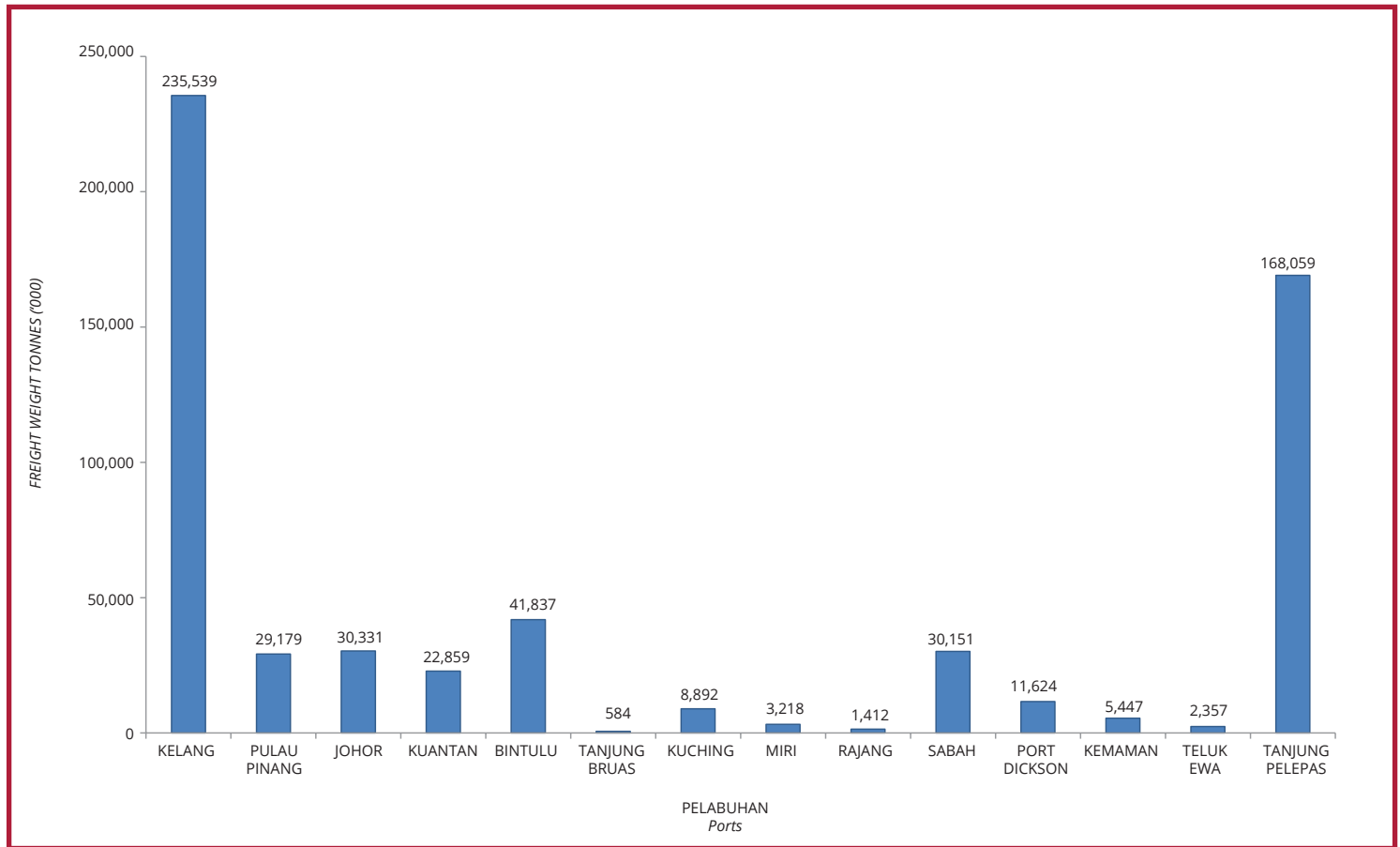
Table 3.11: Total Number of Licenses Issued by Type of License and Registration by Domestic Shipping Licensing Board (DSLBI), 2017-2021

JENIS LESEN <i>Type of Licenses</i>	2017		2018		2019		2020		2021	
	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>
SEMENTARA <i>Temporary</i>	172	2,732	191	2,137	186	1,718	119	1,568	91	1,312
BERSYARAT <i>Conditional</i>	2,198	0	2,290	0	2,251	0	2,012	0	1,975	0
TANPA SYARAT <i>Unconditional</i>	241	0	247	0	220	0	253	0	268	0
JUMLAH <i>Total</i>	2,611	2,732	2,728	2,137	2,657	1,718	2,384	1,568	2,334	1,312

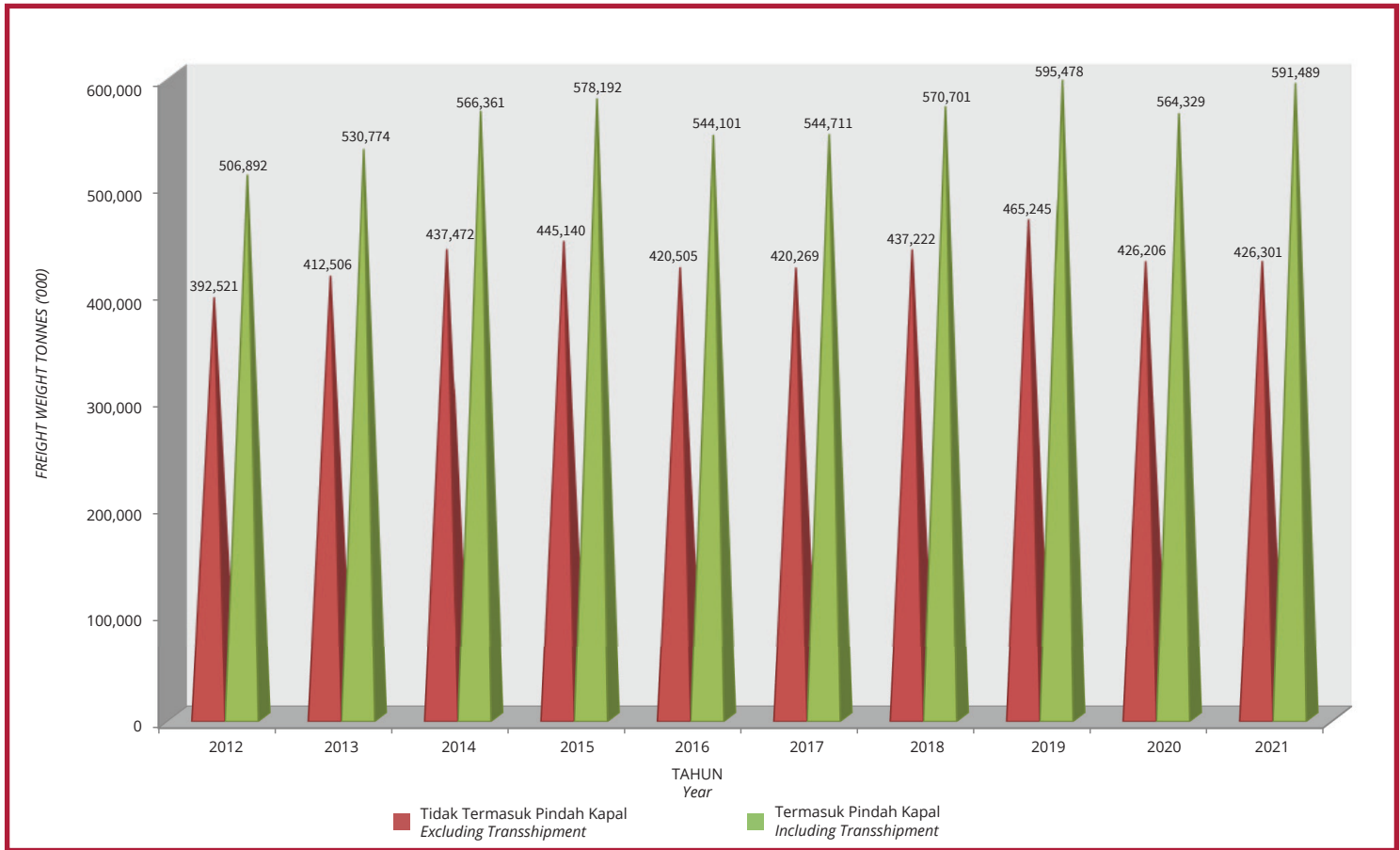
SUMBER: LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), KEMENTERIAN PENGANGKUTAN

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

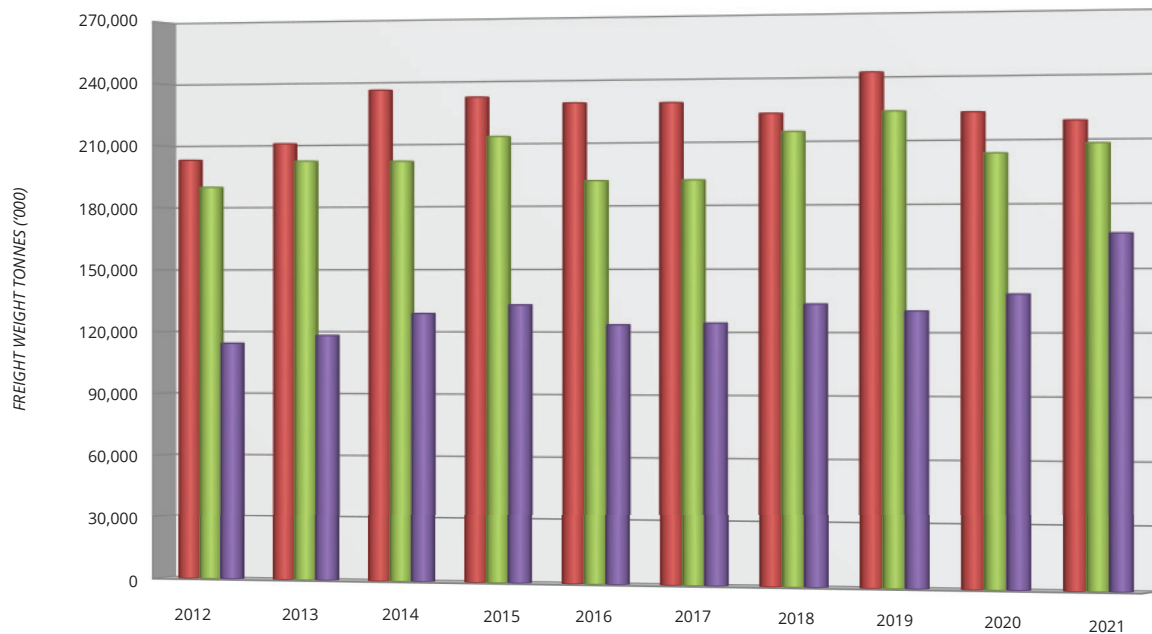
CARTA 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2021
Chart 3.1: Total Cargo Throughput by Ports, Malaysia, 2021



CARTA 3.2: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT TAHUN, MALAYSIA, 2012-2021
 Chart 3.2: Total Cargo Throughput by Years, Malaysia, 2012-2021

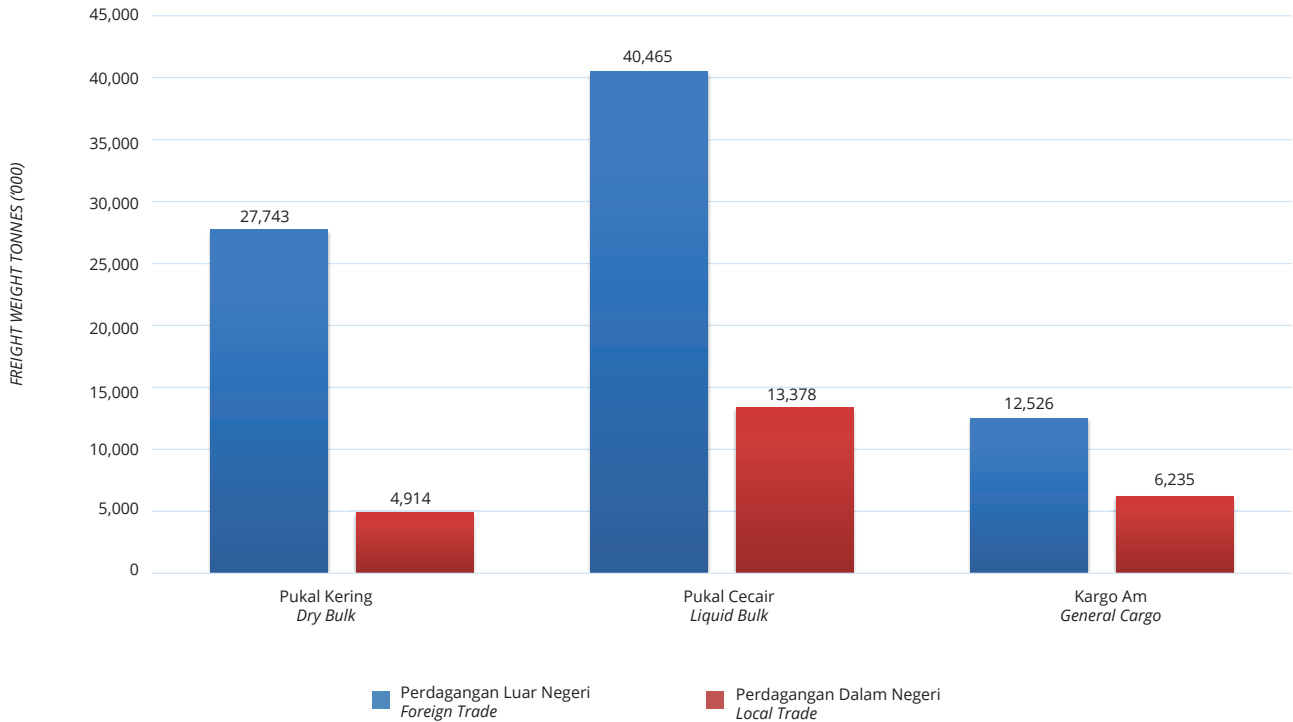


CARTA 3.3: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT EKSPORT, IMPORT DAN PINDAH KAPAL DI PELABUHAN, MALAYSIA, 2012-2021
 Chart 3.3: Total Cargo Throughput by Export, Import and Transshipment at Ports, Malaysia, 2012-2021

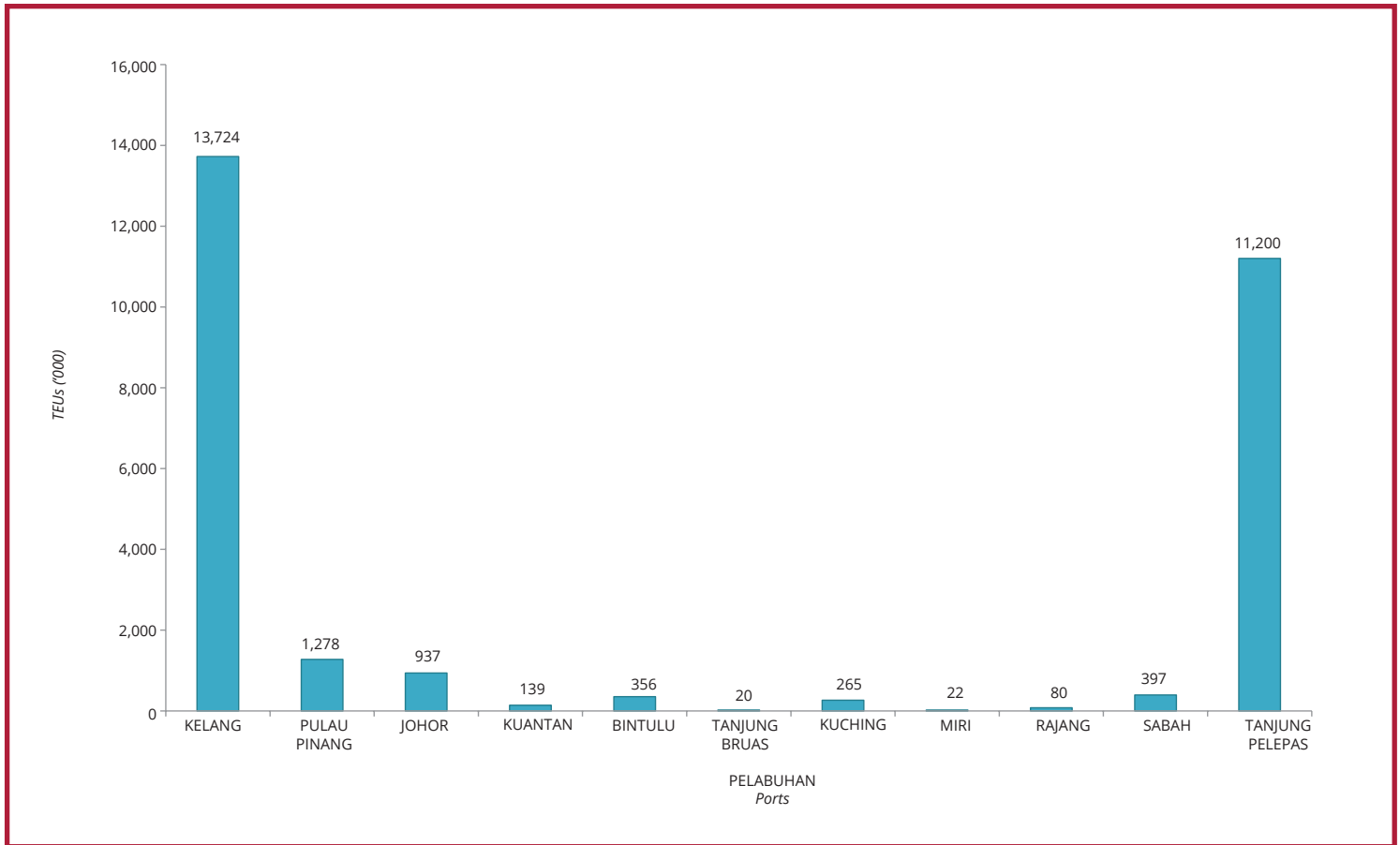


	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Eksport Export	202,835	210,495	235,831	232,022	228,783	228,459	222,937	241,792	222,703	218,419
Import Import	189,686	202,011	201,641	213,117	191,722	191,810	214,285	223,453	203,503	207,882
Pindah Kapal Transshipment	114,371	118,268	128,889	133,052	123,596	124,441	133,479	130,233	138,123	165,188

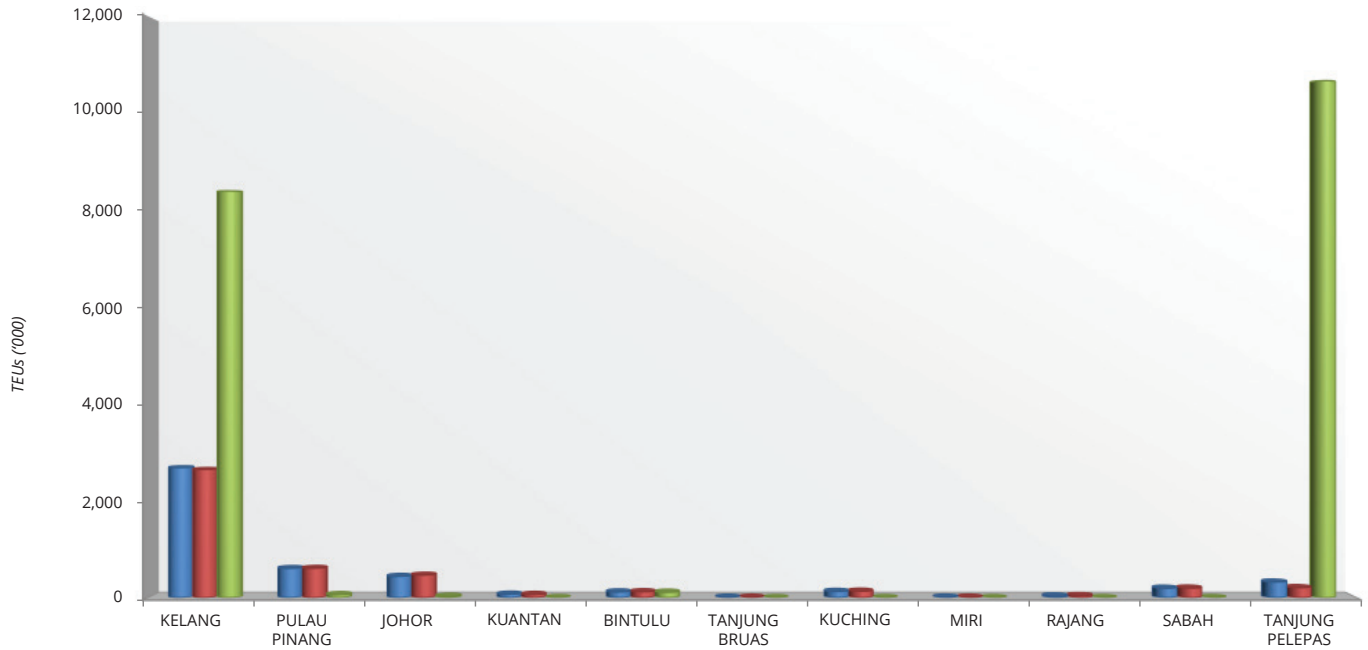
CARTA 3.4: PENGENDALIAN KARGO UNTUK PERDAGANGAN DALAM NEGERI DAN LUAR NEGERI, 2021
Chart 3.4: Cargo Handling for Local and Foreign Trade, 2021



CARTA 3.5: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2021
Chart 3.5: Total Container Throughput by Ports, Malaysia, 2021

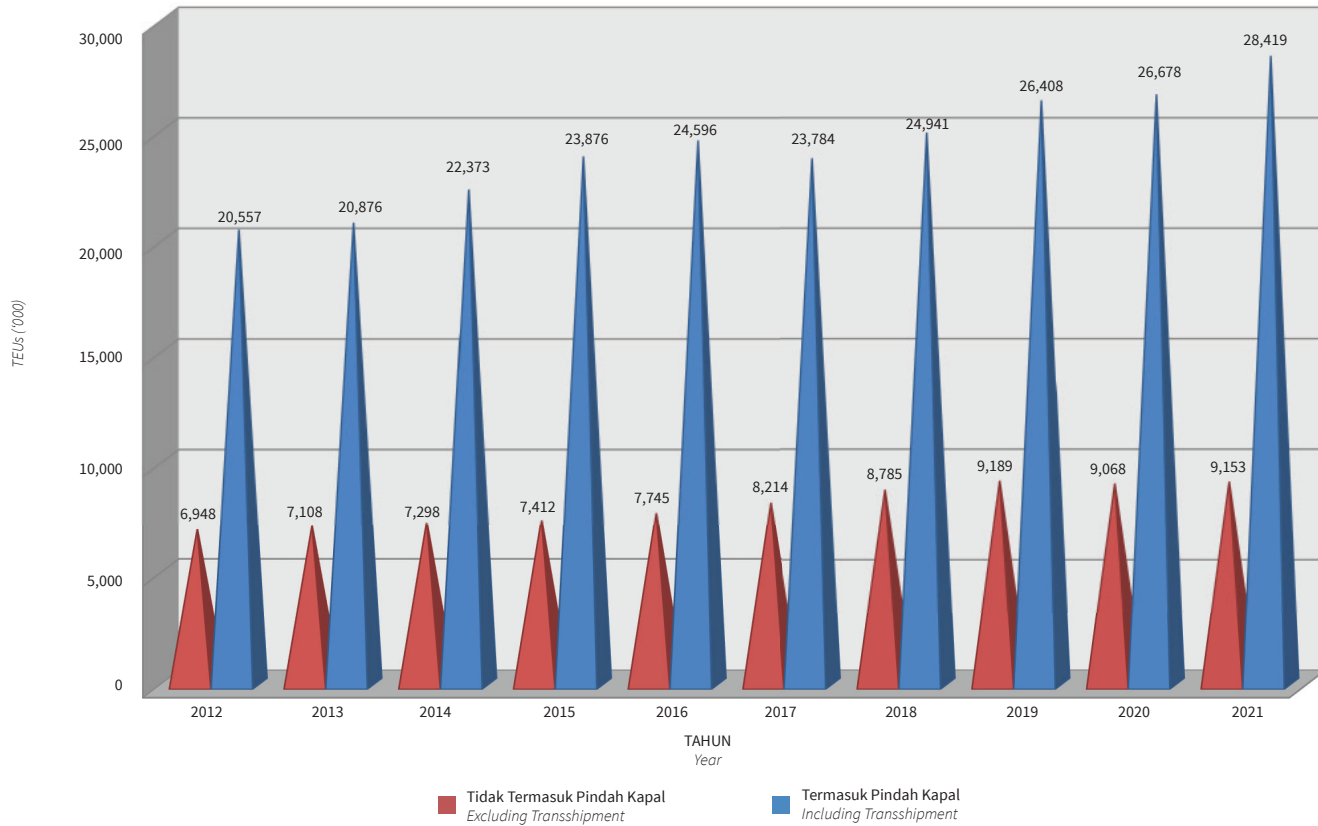


CARTA 3.6: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT EKSPORT, IMPORT DAN PINDAH KAPAL DI PELABUHAN, MALAYSIA, 2021
Chart 3.6: Total Container Throughput by Export, Import and Transshipment at Ports, Malaysia, 2021



	KELANG	PULAU PINANG	JOHOR	KUANTAN	BINTULU	TANJUNG BRUAS	KUCHING	MIRI	RAJANG	SABAH	TANJUNG PELEPAS
EXPORT	2,684,281	605,504	441,842	72,087	119,391	9,547	129,629	11,243	35,885	196,439	324,674
IMPORT	2,648,695	608,460	467,037	67,394	122,965	10,298	134,541	10,906	44,005	199,425	208,887
TRANSSHIPMENT	8,391,484	64,042	28,326	-	113,344	-	382	-	-	1,477	10,666,685

CARTA 3.7: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT TAHUN, MALAYSIA, 2012-2021
Chart 3.7: Total Container Throughput by Years, Malaysia, 2012-2021





PENGANGKUTAN UDARA
Air Transport

JADUAL 4.1: KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2021
 Table 4.1: International Airport Facilities, Malaysia, 2021

LAPANGAN TERBANG <i>Airport</i>	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT <i>Airport Fire & Rescue Services Category (AFRS)</i>	PANJANG/ LEBAR LANDASAN <i>Runway Length/ Width (m)</i>	KEUPAYAAN LANDASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIMAN UDARA <i>Radio & Air Navigational Aids</i>
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	<u>Scheduled Aircraft</u> RWY 1 : Code F Aircraft (A380) RWY 2 : Code F Aircraft (A380) RWY 3 : Code E Aircraft (A330) and provision Code F Aircraft (A380) <u>Cargo</u> 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 x 45	PCN 70 F/ C / X / T	2200 UTC - 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	<u>Scheduled Aircraft</u> Code E Aircraft (A330 & B787) <u>Cargo</u> Code E Aircraft (B747-400)	ILS GP/DME DVOR/DME
LANGKAWI	CAT 9	3813 x 45	PCN 89/F/A/W/T	22:00 - 15:00 UTC Daily	<u>Scheduled Aircraft</u> Code E Aircraft (A330 & B787)	ILS/LOC GP/DME DVOR/DME
KUCHING	CAT 9	3780x46	PCN 100/F/A/W/T	24 hours	<u>Scheduled Aircraft</u> Code C Aircraft (B738/ A320) <u>Cargo</u> Code C Aircraft (B737-400)	ILS/LOC GP/DME DVOR/DME
KOTA KINABALU	CAT 9	3780x45	PCN 86/F/C/X/T	24 hours	<u>Scheduled Aircraft</u> Code E Aircraft (B747) <u>Cargo</u> 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, 2021
 Table 4.2: Domestic Airport Facilities, Malaysia, 2021

LAPANGAN TERBANG <i>Airport</i>	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT <i>Airport Fire & Rescue Services Category (AFRS)</i>	PANJANG/LEBAR LANDASAN <i>Runway Length/Width (m)</i>	KEUPAYAAN LANDASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIMAN UDARA <i>Radio & Air Navigational Aids</i>
ALOR SETAR	Required: CAT 7	2745 x 45	PCN 96/F/C/X/T	2230 - 1430 UTC Daily	<u>Scheduled Aircraft</u> : Code E Aircraft (A330) <u>Cargo</u> : 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	<u>Scheduled Aircraft</u> 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.	<u>Scheduled Aircraft</u> Code C Aircraft (B738 & A320) <u>Cargo</u> Code D Aircraft (IL76) by Malaysian Air Force	ILS/LOC GP/DME DVOR/TACAN
IPOH	CAT 7	2000 x 45	PCN 77	2300 - 1300 UTC Daily	<u>Scheduled Aircraft</u> 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	<u>Scheduled Aircraft</u> 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	<u>Scheduled Aircraft</u> : Code C Aircraft (A321 NEO) <u>Cargo</u> : NIL	ILS/LOC, GP/DME, VOR/DME
SUBANG	CAT 7	3782 x 45	PCN 87/F/B/W/T	24 HOURS	<u>Scheduled Aircraft</u> : Code C Aircraft ATR 72 <u>Cargo</u> : 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	<u>Scheduled Aircraft</u> : Code C Aircraft (A320) <u>Cargo</u> : 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	<u>Scheduled Aircraft</u> : Code C Aircraft (A321 Neo) <u>Cargo</u> : 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	<u>Scheduled Aircraft</u> : Code C Aircraft (A321 Neo) <u>Cargo</u> : NIL	ILS/LOC, GP/DME, DVOR/DME
LAHAD DATU	CAT 5	1380 x 30	PCN 17	0000 - 0900 UTC Daily	<u>Scheduled Aircraft</u> : Code 3C Aircraft (ATR72)	NIL
LABUAN	CAT 8	2745 x 45	PCN 79/F/C/X/T	2200 - 1400 UTC Daily	<u>Scheduled Aircraft</u> : Code C Aircraft (A321 Neo) <u>Cargo</u> : 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	<u>Scheduled Aircraft</u> : Code C Aircraft (A320 Neo /B738) <u>Cargo</u> : NIL	ILS/LOC , GP/DME , DVOR/DME
TAWAU	CAT 7	2685 x 47	PCN 69/F/C/W/T	2300 - 1400 UTC Daily	<u>Scheduled Aircraft</u> : Code C Aircraft (A321 Neo) <u>Cargo</u> : Code C Aircraft (B737-400)	ILS/LOC , GP/DME, NDB , DVOR/DME
LIMBANG	CAT 5	1500 x 30	15/F/C/W/T	2230 - 1030 UTC Daily	<u>Scheduled Aircraft</u> : Code C Aircraft (ATR 72) <u>Cargo</u> : NIL	DVOR/DME
MULU	CAT 5	1507 x 30	PCN 19 F/C/X/T	sunrise to sunset	<u>Scheduled Aircraft</u> : Code C Aircraft (ATR 72)	DVOR/DME

JADUAL 4.3: KEMUDAHAN PADANG TERBANG, MALAYSIA, 2021

Table 4.3: Airstrips Facilities, Malaysia, 2021

LAPANGAN TERBANG <i>Airport</i>	PANJANG / LEBAR LANDASAN <i>Runway Length / Width (m)</i>	KEUPAYAAN LANDASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIHAN UDARA <i>Radio and Air Navigational Aids</i>
SEMENANJUNG MALAYSIA <i>Peninsular Malaysia</i>					
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 x 17	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, 2021 (SAMB.)
 Table 4.3: Airstrips Facilities, Malaysia, 2021 (Cont'd)

LAPANGAN TERBANG <i>Airport</i>	PANJANG / LEBAR LANDASAN <i>Runway Length / Width (m)</i>	KEUPAYAAN LANDASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIMAN UDARA <i>Radio and Air Navigational Aids</i>
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
NANGOHO	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, 2012-2021
 Table 4.4 : Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2012-2021

LAPANGAN TERBANG <i>Airports</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
KLIA	39,513,546	47,143,539	24,545,711	22,298,140	25,305,221	28,196,313	28,021,775	29,128,481	5,985,403	2,088,156
KLIA2	-	-	24,026,123	26,319,086	27,119,023	30,267,030	31,866,394	33,128,941	7,134,875	1,857,959
PULAU PINANG	4,762,256	5,485,756	6,036,326	6,251,955	6,661,225	7,188,238	7,771,548	8,318,772	1,814,940	541,376
KOTA KINABALU	5,844,608	6,929,692	6,785,957	6,568,371	7,263,224	8,006,446	8,622,119	9,444,570	2,301,918	1,110,996
KUCHING	4,159,864	4,843,141	4,830,778	4,758,089	4,911,331	5,086,208	5,559,092	5,955,776	1,779,588	840,261
LANGKAWI	1,593,043	1,946,220	2,221,997	2,336,177	2,655,271	2,767,707	2,735,262	2,945,924	966,781	761,684
JOHOR BAHRU	1,379,347	1,990,106	2,325,816	2,581,966	2,828,074	3,124,799	3,522,576	4,270,144	1,084,870	370,852
KOTA BHARU	1,259,205	1,585,238	1,800,836	2,063,745	2,062,248	1,988,212	1,688,625	1,823,089	711,257	501,375
IPOH	73,354	74,320	98,768	222,606	269,696	274,146	315,673	457,231	100,585	35,145
KUALA TERENGGANU	550,831	699,310	842,651	857,239	900,218	943,660	894,737	913,671	301,648	164,686
ALOR SETAR	433,644	535,073	660,264	719,029	787,706	802,304	817,253	919,875	275,773	164,920
MELAKA	34,352	21,637	14,178	69,710	58,703	62,076	52,493	135,569	29,424	-
SUBANG	1,442,514	1,858,823	2,762,399	3,059,035	2,834,836	2,880,536	1,964,059	2,259,595	949,721	577,984
KUANTAN	280,074	317,440	314,130	292,109	247,757	241,314	258,816	394,599	71,468	20,904
TIOMAN	60,141	56,054	9,217	-	-	-	-	-	-	14
PANGKOR	4,068	5,791	205	-	-	-	-	-	-	4
REDANG	35,922	35,982	11,087	-	-	-	51	-	5,159	2,423
LABUAN	575,646	669,137	715,052	641,846	570,948	553,772	557,802	709,278	270,419	149,409
LAHAD DATU	142,733	145,930	161,230	143,654	140,077	127,651	124,803	140,583	59,739	49,422
SANDAKAN	814,999	889,250	877,475	837,768	863,701	878,204	940,139	1,082,627	361,979	244,919
TAWAU	982,108	1,202,344	1,218,311	1,203,792	1,271,915	1,374,881	1,642,171	1,833,540	571,702	415,753
BINTULU	637,158	750,994	795,118	779,413	779,086	826,501	909,057	1,114,318	369,777	166,224
MIRI	2,005,697	2,214,660	2,355,071	2,241,913	2,195,145	2,179,799	2,343,468	2,433,651	876,085	508,631
SIBU	1,183,419	1,357,909	1,411,539	1,438,502	1,455,293	1,485,385	1,570,591	1,751,556	570,318	243,342
MULU	49,619	49,432	52,175	51,387	60,074	62,656	57,505	59,501	17,917	11,600
LIMBANG	57,852	61,074	63,870	58,300	55,437	49,461	45,475	57,638	73,230	85,559
MUKAH	36,323	34,247	37,968	35,935	36,206	37,148	40,919	47,557	29,011	30,595
STOL SABAH	4,350	3,798	3,585	4,007	5,216	4,542	3,951	1,589	636	-
STOL SARAWAK	117,267	109,431	110,168	114,405	118,903	114,801	106,757	100,247	71,864	74,745
SEMANANJUNG <i>Peninsular</i>	51,422,297	61,755,289	65,669,708	67,070,797	71,729,978	78,736,335	79,909,262	84,695,891	19,431,904	7,087,482
SABAH	8,364,444	9,840,151	9,761,610	9,399,438	10,115,081	10,945,496	11,890,985	13,212,187	3,566,393	1,970,499
SARAWAK	8,247,199	9,420,888	9,656,687	9,477,944	9,611,475	9,841,959	10,632,864	11,520,244	3,787,790	1,960,957
JUMLAH Total	68,033,940	81,016,328	85,088,005	85,948,179	91,456,534	99,523,790	102,433,111	109,428,322	26,786,087	11,018,938

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, 2021
Table 4.5: Total Passengers Handled by Airports, Malaysia, 2021

LAPANGAN TERBANG <i>Airports</i>	DALAM NEGERI <i>Domestic</i>			ANTARABANGSA <i>International</i>			JUMLAH <i>Total</i>			TRANSIT <i>Transit</i>		PERBANDINGAN TAHUN KETAHUN <i>Year on Year Comparison</i>			
	KETIBAAN <i>Arrival</i>	BERLEPAS <i>Departure</i>	JUMLAH <i>Total</i>	KETIBAAN <i>Arrival</i>	BERLEPAS <i>Departure</i>	JUMLAH <i>Total</i>	KETIBAAN <i>Arrival</i>	BERLEPAS <i>Departure</i>	JUMLAH <i>Total</i>	DALAM NEGERI <i>Domestic</i>	ANTARABANGSA <i>International</i>	JUMLAH <i>Total</i>	2021	2020	% +/-
KLIA	501,465	506,312	1,007,777	358,445	721,934	1,080,379	859,910	1,228,246	2,088,156	-	65,723	65,723	2,153,879	6,021,154	-64.2%
KLIA2	841,680	836,532	1,678,212	35,858	143,889	179,747	877,538	980,421	1,857,959	-	-	-	1,857,959	7,135,209	-74.0%
PULAU PINANG	256,430	262,444	518,874	8,620	13,882	22,502	265,500	276,326	541,376	2,143	-	2,143	543,519	1,826,121	-70.2%
KOTA KINABALU	563,151	547,821	1,110,972	12	24	36	563,163	547,833	1,110,996	12,579	-	12,579	1,123,575	2,302,514	-51.2%
KUCHING	423,198	409,573	832,771	5,014	2,476	7,490	428,212	412,049	840,261	-	292	292	840,553	1,780,417	-52.8%
LANGKAWI	382,131	379,320	761,451	205	28	233	382,336	379,348	761,684	458	-	458	762,142	967,512	-21.2%
JOHOR BAHRU	181,126	189,573	370,699	68	85	153	181,194	189,658	370,852	-	302	302	371,154	1,096,517	-66.2%
KOTA BHARU	248,663	252,696	501,359	-	16	16	248,663	252,712	501,375	555	-	555	501,930	711,480	-29.5%
IPOH	15,050	15,515	30,565	2,433	2,147	4,580	17,483	17,662	35,145	-	-	-	35,145	100,585	-65.1%
KUALA TERENGGANU	81,275	83,411	164,686	-	-	-	81,275	83,411	164,686	963	-	963	165,649	302,263	-45.2%
ALOR SETAR	81,067	83,853	164,920	-	-	-	81,067	83,853	164,920	758	-	758	165,678	275,824	-39.9%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	29,424	-100.0%
SUBANG	291,086	286,419	577,505	222	257	479	291,308	286,676	577,984	-	-	-	577,984	949,934	-39.2%
KUANTAN	10,210	10,692	20,902	-	2	2	10,210	10,694	20,904	347	-	347	21,251	71,877	-70.4%
TIOMAN	7	7	14	-	-	-	7	7	14	-	-	-	14	-	-
PANGKOR	-	4	4	-	-	-	-	4	4	-	-	-	4	-	-
REDANG	1,164	1,259	2,423	-	-	-	1,164	1,259	2,423	-	-	-	2,423	5,152	-53.0%
LABUAN	74,727	74,682	149,409	-	-	-	74,727	74,682	149,409	769	-	769	150,178	270,959	-44.6%
LAHAD DATU	24,375	25,047	49,422	-	-	-	24,375	25,047	49,422	-	-	-	49,422	59,739	-17.3%
SANDAKAN	120,814	124,098	244,912	7	-	7	120,821	124,098	244,919	325	-	325	245,244	362,692	-32.4%
TAWAU	206,217	209,532	415,749	4	-	4	206,221	209,532	415,753	224	-	224	415,977	572,365	-27.3%
BINTULU	82,161	84,063	166,224	-	-	-	82,161	84,063	166,224	12	-	12	166,236	370,437	-55.1%
MIRI	251,166	257,367	508,533	8	90	98	251,174	257,457	508,631	736	-	736	509,367	876,394	-41.9%
SIBU	121,989	121,353	243,342	-	-	-	121,989	121,353	243,342	8	-	8	243,350	571,041	-57.4%
MULU	5,736	5,864	11,600	-	-	-	5,736	5,864	11,600	-	-	-	11,600	17,917	-35.3%
LIMBANG	42,614	42,945	85,559	-	-	-	42,614	42,945	85,559	3	-	3	85,562	73,230	16.8%
MUKAH	14,865	15,730	30,595	-	-	-	14,865	15,730	30,595	-	-	-	30,595	29,011	5.5%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	636	-100.0%
STOL SARAWAK	37,293	37,452	74,745	-	-	-	37,293	37,452	74,745	4,168	-	4,168	78,913	77,243	-25.7%
SEMENANJUNG <i>Peninsular</i>	2,891,354	2,908,037	5,799,391	405,851	882,240	1,288,091	3,297,205	3,790,277	7,087,482	5,224	-	71,249	7,158,731	19,493,052	-63.3%
SABAH	989,284	981,180	1,970,464	23	12	35	989,307	981,192	1,970,499	13,897	-	13,897	1,984,396	3,568,905	-44.4%
SARAWAK	979,022	974,347	1,953,369	5,022	2,566	7,588	984,044	976,913	1,960,957	4,927	292	5,219	1,966,176	3,795,690	-48.6%
JUMLAH Total	4,859,660	4,863,564	9,723,224	410,896	884,818	1,295,714	5,270,556	5,748,382	11,018,938	24,048	66,317	90,365	11,109,303	26,857,647	-58.7%

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, 2012-2021
 Table 4.6: Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2012-2021

METRIC TONNES

LAPANGAN TERBANG <i>Airports</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
KLIA	673,107	680,983	657,306	624,768	523,346	563,054	555,704	545,240	458,517	602,456
KLIA2	-	-	96,593	101,462	119,212	147,132	158,965	142,000	46,667	33,494
PULAU PINANG	113,605	111,852	118,812	112,748	113,180	119,272	130,127	124,361	123,336	140,672
KOTA KINABALU	23,382	21,816	23,533	24,701	28,762	27,372	28,039	28,664	41,434	60,704
KUCHING	15,724	21,890	27,939	28,993	22,038	24,080	26,615	24,730	30,312	53,954
LANGKAWI	696	598	567	647	588	759	832	907	456	214
JOHOR BAHRU	3,304	3,444	4,934	5,272	6,244	7,614	9,691	14,693	10,119	3,279
KOTA BHARU	147	179	397	1,003	780	775	1,073	1,250	542	441
IPOH	34	403	296	318	178	105	142	-	-	-
KUALA TERENGGANU	147	103	148	329	253	247	363	426	171	188
ALOR SETAR	123	126	230	389	390	489	845	1,009	278	197
MELAKA	195	-	-	-	-	-	-	-	-	-
SUBANG	22,680	26,443	28,128	31,357	36,147	36,568	32,284	34,648	58,260	83,355
KUANTAN	57	86	46	21	15	25	13	3	2	-
TIOMAN	73	30	15	-	-	-	-	-	-	-
PANGKOR	5	21	-	-	-	-	-	-	-	-
REDANG	27	27	17	-	-	-	-	-	-	1
LABUAN	5,812	8,067	9,543	7,539	4,002	4,580	3,823	6,134	3,193	1,862
LAHAD DATU	185	200	179	158	129	101	97	75	163	159
SANDAKAN	2,470	2,891	2,495	3,143	2,384	2,207	2,150	2,547	1,645	1,170
TAWAU	2,489	2,844	3,265	3,910	3,570	3,884	4,060	3,893	5,058	15,435
BINTULU	2,571	2,528	2,306	2,378	2,646	2,845	3,565	4,659	1,370	491
MIRI	9,879	9,799	8,029	7,292	7,270	4,872	5,054	5,278	5,345	7,636
SIBU	1,596	1,407	1,433	1,300	1,044	1,284	1,438	1,262	1,452	1,560
MULU	322	354	319	232	391	315	299	304	111	111
LIMBANG	744	742	596	565	466	196	198	111	307	316
MUKAH	-	-	-	-	-	-	-	-	-	12
STOL SABAH	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	511	396	289	518	397	415	425	430	355	368
SEMENANJUNG <i>Peninsular</i>	814,201	824,294	907,489	878,313	800,333	876,040	890,039	864,538	698,348	864,297
SABAH	34,338	35,819	39,015	39,451	38,848	38,145	38,169	41,313	51,492	79,331
SARAWAK	31,347	37,116	40,911	41,278	34,253	34,007	37,593	36,774	39,251	64,446
JUMLAH Total	879,887	897,228	987,415	959,042	873,433	948,191	965,801	942,626	789,091	1,008,074

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, 2021
Table 4.7: Total Cargo Handled by Airports, Malaysia, 2021

METRIC TONNES

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			DALAM NEGERI Domestic	ANTARABANGSA International	JUMLAH Total	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				2021	2020	% +/-
KLIA	24,840	62,830	87,670	269,812	244,974	514,786	294,652	307,804	602,456	2,916	21,173	24,090	626,546	458,517	36.6%
KLIA2	2,667	4,248	6,915	16,178	10,401	26,578	18,845	14,649	33,494	-	-	-	33,494	46,667	-28.2%
PULAU PINANG	8,457	5,961	14,419	53,112	73,141	126,253	61,569	79,103	140,672	257	12,853	13,110	153,782	137,685	11.7%
KOTA KINABALU	36,099	15,882	51,981	3,159	5,564	8,723	39,259	21,446	60,704	2,472	153	2,625	63,329	41,714	51.8%
KUCHING	38,829	12,061	50,891	184	2,879	3,063	39,014	14,940	53,954	1,070	835	1,905	55,859	30,704	81.9%
LANGKAWI	96	112	209	3	3	5	99	115	214	-	-	-	214	457	-53.2%
JOHOR BAHRU	722	1,148	1,870	659	750	1,409	1,381	1,898	3,279	-	-	-	3,279	10,120	-67.6%
KOTA BHARU	245	196	441	-	-	-	245	196	441	1	-	1	441	545	-18.9%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUALA TERENGGANU	103	85	188	-	-	-	103	85	188	-	-	-	188	173	8.4%
ALOR SETAR	101	96	197	-	-	-	101	96	197	-	-	-	197	280	-29.6%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	6,293	22,188	28,481	32,700	22,174	54,874	38,993	44,362	83,355	-	-	-	83,355	58,494	42.5%
KUANTAN	-	-	-	-	-	-	-	-	-	3	-	3	3	3	0.1%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REDANG	1	-	1	-	-	-	1	-	1	-	-	-	1	-	-
LABUAN	1,416	329	1,745	2	115	118	1,418	444	1,862	536	656	1,192	3,055	3,163	-3.4%
LAHAD DATU	99	60	159	-	-	-	99	60	159	-	-	-	159	163	-2.2%
SANDAKAN	409	762	1,170	-	-	-	409	762	1,170	4	-	4	1,174	1,657	-29.1%
TAWAU	4,873	9,492	14,365	-	1,070	1,070	4,873	10,562	15,435	1	69	69	15,505	5,071	205.7%
BINTULU	289	48	337	154	-	154	443	48	491	-	-	-	491	1,378	-64.4%
MIRI	6,378	1,258	7,636	-	-	-	6,378	1,258	7,636	43	-	43	7,679	5,345	43.7%
SIBU	1,235	325	1,560	-	-	-	1,235	325	1,560	-	-	-	1,560	1,462	6.7%
MULU	109	2	111	-	-	-	109	2	111	-	-	-	111	111	-0.2%
LIMBANG	206	110	316	-	-	-	206	110	316	-	-	-	316	307	3.0%
MUKAH	10	1	12	-	-	-	10	1	12	-	-	-	12	-	-
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	83	285	368	-	-	-	83	285	368	74	-	74	442	424	4.0%
SEMENANJUNG <i>Peninsular</i>	43,526	96,865	140,391	372,463	351,443	723,906	415,989	448,308	864,297	3,177	34,026	37,204	901,501	712,942	26.4%
SABAH	42,896	26,524	69,420	3,162	6,749	9,911	46,057	33,274	79,331	3,013	878	3,891	83,222	51,768	60.8%
SARAWAK	47,139	14,091	61,230	338	2,879	3,217	47,477	16,969	64,446	1,187	835	2,021	66,467	39,731	67.3%
JUMLAH Total	133,561	137,480	271,040	375,962	361,071	737,034	509,523	498,551	1,008,074	7,377	35,739	43,116	1,051,190	804,441	30.7%

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, 2012-2021

Table 4.8 : Total Mail Handled by Airports (Excluding Mail in Transit), Malaysia, 2012-2021

METRIC TONNES

LAPANGAN TERBANG <i>Airports</i>	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
KLIA	29,119	32,271	33,942	35,268	31,091	29,101	26,416	27,616	16,002	16,385
KLIA2	-	-	-	-	1	3	12	-	-	-
PULAU PINANG	1	3	7	5	32	3	2	9	7	-
KOTA KINABALU	2,246	1,751	1,386	1,455	1,525	1,431	959	776	175	16
KUCHING	496	727	715	542	322	320	81	20	58	3
LANGKAWI	222	254	279	286	174	114	17	3	-	-
JOHOR BAHRU	-	-	-	-	-	146	326	517	5,300	4,965
KOTA BHARU	214	244	281	179	1	12	-	0	-	-
IPOH	-	-	-	1	155	-	-	-	-	-
KUALA TERENGGANU	48	38	36	39	-	2	-	0	-	-
ALOR SETAR	185	224	344	430	412	244	1	6	-	-
MELAKA	-	-	-	-	-	-	-	-	-	-
SUBANG	-	7	-	5	-	-	-	-	-	-
KUANTAN	-	-	-	-	-	-	-	0	-	-
TIOMAN	1	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-
LABUAN	476	507	519	426	426	422	148	99	3	4
LAHAD DATU	275	165	3	-	-	-	3	12	-	-
SANDAKAN	418	287	36	71	52	38	84	11	1	1
TAWAU	497	471	197	267	264	245	158	6	1	1
BINTULU	41	53	57	54	16	348	102	9	2	-
MIRI	1,903	2,124	2,824	2,657	95	163	50	14	815	24
SIBU	226	611	604	472	713	309	110	39	4	-
MULU	-	-	-	-	-	-	1	2	3	5
LIMBANG	38	37	42	44	46	53	20	0	2	1
MUKAH	-	-	-	-	-	-	-	-	-	-
STOL SABAH	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	7	13	36	32	2	-	-	-	-	-
SEMENANJUNG <i>Peninsular</i>	29,790	33,040	34,890	36,212	31,864	29,625	26,774	28,152	21,308	21,350
SABAH	3,911	3,181	2,141	2,220	2,267	2,136	1,351	905	180	21
SARAWAK	2,711	3,565	4,277	3,802	1,194	1,193	363	84	884	33
JUMLAH Total	36,412	39,786	41,308	42,234	35,325	32,954	28,488	29,141	22,372	21,405

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, 2021
 Table 4.9 : Total Mail Handled by Airports, Malaysia, 2021

METRIC TONNES

LAPANGAN TERBANG <i>Airports</i>	DALAM NEGERI <i>Domestic</i>			ANTARABANGSA <i>International</i>			JUMLAH <i>Total</i>			TRANSIT <i>Transit</i>		PERBANDINGAN TAHUN KE TAHUN <i>Year on Year Comparison</i>			
	DIHANTAR <i>Unloaded</i>	DIANG-KUT <i>Loaded</i>	JUMLAH <i>Total</i>	DIHANTAR <i>Unloaded</i>	DIANG-KUT <i>Loaded</i>	JUMLAH <i>Total</i>	DIHANTAR <i>Unloaded</i>	DIANG-KUT <i>Loaded</i>	JUMLAH <i>Total</i>	DALAM NEGERI <i>Domestic</i>	ANTARABANGSA <i>International</i>	JUMLAH <i>Total</i>	2021	2020	% +/-
KLIA	1	33	34	9,093	7,258	16,351	9,094	7,291	16,385	-	262	262	16,647	16,144	3.1%
KLIA2	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-100.0%
PULAU PINANG	-	-	-	0	0	0	0	0	0	2	-	2	2	7	-71.8%
KOTA KINABALU	16	1	16	-	-	-	16	1	16	-	4	4	20	175	-88.3%
KUCHING	1	2	3	-	0	0	1	2	3	0	34	35	37	96	-61.3%
LANGKAWI	-	0	0	-	-	-	-	0	0	-	-	-	0	0	-93.8%
JOHOR BAHRU	1,067	626	1,693	1,799	1,473	3,272	2,866	2,099	4,965	-	-	-	4,965	5,300	-6.3%
KOTA BHARU	0	-	0	-	-	-	0	-	0	-	-	-	0	0	250.0%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUALA TERENGGANU	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-100.0%
ALOR SETAR	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-100.0%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUANTAN	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-100.0%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	1	3	4	-	-	-	1	3	4	-	-	-	4	3	10.2%
LAHAD DATU	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-100.0%
SANDAKAN	1	0	1	-	-	-	1	0	1	-	-	-	1	1	-13.6%
TAWAU	0	0	1	-	-	-	0	0	1	-	5	5	5	1	403.0%
BINTULU	0	0	0	-	-	-	0	0	0	-	-	-	0	2	-95.7%
MIRI	12	12	24	-	-	-	12	12	24	0	-	0	24	815	-97.0%
SIBU	0	-	0	-	-	-	0	-	0	-	-	-	0	4	-90.0%
MULLU	5	0	5	-	-	-	5	0	5	-	-	-	5	3	85.0%
LIMBANG	1	0	1	-	-	-	1	0	1	-	-	-	1	2	-34.7%
MUKAH	-	0	0	-	-	-	-	0	0	-	-	-	0	-	-
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMENANJUNG <i>Peninsular</i>	1,068	659	1,727	10,892	8,731	19,623	11,960	9,390	21,350	2	262	264	21,614	21,451	0.8%
SABAH	17	4	21	-	-	-	17	4	21	-	9	9	30	180	-83.2%
SARAWAK	19	14	33	-	0	0	19	15	34	0	34	35	68	922	-92.6%
JUMLAH Total	1,105	677	1,782	10,892	8,732	19,623	11,996	9,409	21,405	2	305	307	21,712	22,553	-3.7%

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, 2012-2021
 Table 4.10: Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2012-2021

LAPANGAN TERBANG Airports	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
KLIA	282,290	325,537	176,947	172,668	186,569	202,326	201,106	200,831	68,633	56,434
KLIA2	-	-	162,703	180,602	168,950	183,728	197,646	206,484	55,896	17,239
PULAU PINANG	49,966	56,760	63,396	64,527	64,428	69,157	73,462	78,400	28,497	15,978
KOTA KINABALU	58,366	67,601	68,776	66,945	69,292	71,922	77,516	82,125	29,214	21,119
KUCHING	43,981	53,095	50,917	50,738	48,562	48,034	54,177	53,610	25,069	18,311
LANGKAWI	15,162	17,675	21,722	22,232	23,797	24,807	23,708	25,673	10,385	7,483
JOHOR BAHRU	31,868	37,998	42,976	41,892	42,557	46,497	52,030	58,313	21,481	8,988
KOTA BHARU	17,112	20,527	25,028	28,228	26,666	27,067	22,361	24,514	13,117	9,522
IPOH	1,515	1,464	1,960	3,684	3,632	3,632	3,932	3,788	1,445	994
KUALA TERENGGANU	6,506	7,365	9,659	10,625	11,049	11,314	10,462	10,816	5,090	3,195
ALOR SETAR	5,274	5,795	8,421	9,472	10,260	10,801	9,544	10,312	4,288	3,036
MELAKA	1,053	580	320	1,536	1,294	1,714	1,480	2,502	478	-
SUBANG	33,224	41,707	56,629	62,911	61,450	67,351	50,125	52,082	29,091	22,271
KUANTAN	3,395	3,289	3,572	3,906	3,186	2,698	2,818	3,849	978	327
TIOMAN	1,682	1,538	272	-	-	-	-	-	-	6
PANGKOR	324	258	8	-	-	-	-	-	-	6
REDANG	877	955	430	-	-	-	6	-	316	167
LABUAN	13,448	15,072	15,533	13,168	10,924	10,134	10,617	12,106	5,987	3,586
LAHAD DATU	3,058	3,321	3,689	3,646	3,455	3,014	2,902	4,620	2,504	1,792
SANDAKAN	12,177	11,536	11,715	11,267	10,820	9,901	10,571	11,401	5,289	2,958
TAWAU	9,689	11,784	12,832	12,401	11,687	11,763	14,353	14,635	6,351	5,069
BINTULU	11,444	12,428	12,246	12,197	11,807	11,526	12,654	12,439	6,235	3,537
MIRI	42,351	44,875	46,504	45,039	42,633	38,392	42,527	42,076	24,902	20,326
SIBU	15,923	17,196	17,878	18,252	17,156	16,588	18,573	16,753	7,120	3,534
MULU	1,760	2,306	2,701	2,381	2,375	2,221	2,318	2,800	1,208	746
LIMBANG	1,880	2,075	2,154	2,226	2,647	1,974	2,240	3,110	2,372	2,331
MUKAH	3,080	2,996	3,370	3,258	4,482	4,234	4,360	4,318	3,150	3,110
STOL SABAH	192	231	226	440	608	536	624	408	214	-
STOL SARAWAK	10,454	9,890	11,954	13,197	13,855	13,278	13,872	13,791	10,958	12,171
SEMENANJUNG <i>Peninsular</i>	450,248	521,448	574,043	602,283	603,838	651,092	648,680	677,564	239,695	145,646
SABAH	96,930	109,545	112,771	107,867	106,786	107,270	116,583	125,295	49,559	34,524
SARAWAK	130,873	144,861	147,724	147,288	143,517	136,247	150,721	148,897	81,014	64,066
JUMLAH Total	678,051	775,854	834,538	857,438	854,141	894,609	915,984	951,756	370,268	244,236

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, 2021
Table 4.11: Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2021

LAPANGAN TERBANG <i>Airports</i>	DALAM NEGERI <i>Domestic</i>			ANTARABANGSA <i>International</i>			JUMLAH <i>Total</i>			PERBANDINGAN TAHUN KE TAHUN <i>Year on Year Comparison</i>		
	BERJADUAL <i>Scheduled</i>	TIDAK BERJADUAL <i>Non Scheduled</i>	JUMLAH <i>Total</i>	BERJADUAL <i>Scheduled</i>	TIDAK BERJADUAL <i>Non Scheduled</i>	JUMLAH <i>Total</i>	BERJADUAL <i>Scheduled</i>	TIDAK BERJADUAL <i>Non Scheduled</i>	JUMLAH <i>Total</i>	2021	2020	% +/-
KLIA	16,539	106	16,645	32,780	7,009	39,789	49,319	7,115	56,434	56,434	68,633	-17.8%
KLIA2	12,223	197	12,420	2,935	1,884	4,819	15,158	2,081	17,239	17,239	55,896	-69.2%
PULAU PINANG	8,767	-	8,767	7,211	-	7,211	15,978	-	15,978	15,978	28,497	-43.9%
KOTA KINABALU	12,458	7,372	19,830	704	585	1,289	13,162	7,957	21,119	21,119	29,214	-27.7%
KUCHING	14,435	3,119	17,554	700	57	757	15,135	3,176	18,311	18,311	25,069	-27.0%
LANGKAWI	7,457	-	7,457	26	-	26	7,483	-	7,483	7,483	10,385	-27.9%
JOHOR BAHRU	4,761	3,801	8,562	-	426	426	4,761	4,227	8,988	8,988	21,481	-58.2%
KOTA BHARU	7,180	2,340	9,520	-	2	2	7,180	2,342	9,522	9,522	13,117	-27.4%
IPOH	234	388	622	360	12	372	594	400	994	994	1,445	-31.2%
KUALA TERENGGANU	3,068	125	3,193	-	2	2	3,068	127	3,195	3,195	5,090	-37.2%
ALOR SETAR	3,036	-	3,036	-	-	-	3,036	-	3,036	3,036	4,288	-29.2%
MELAKA	-	-	-	-	-	-	-	-	-	-	478	-100.0%
SUBANG	18,589	849	19,438	2,481	352	2,833	21,070	1,201	22,271	22,271	29,091	-23.4%
KUANTAN	301	24	325	-	2	2	301	26	327	327	978	-66.6%
TIOMAN	-	6	6	-	-	-	-	6	6	6	-	-
PANGKOR	-	6	6	-	-	-	-	6	6	6	-	-
REDANG	160	7	167	-	-	-	160	7	167	167	316	-47.2%
LABUAN	2,704	783	3,487	95	4	99	2,799	787	3,586	3,586	5,987	-40.1%
LAHAD DATU	1,730	62	1,792	-	-	-	1,730	62	1,792	1,792	2,504	-28.4%
SANDAKAN	2,838	118	2,956	-	2	2	2,838	120	2,958	2,958	5,289	-44.1%
TAWAU	4,858	150	5,008	61	-	61	4,919	150	5,069	5,069	6,351	-20.2%
BINTULU	2,440	1,084	3,524	-	13	13	2,440	1,097	3,537	3,537	6,235	-43.3%
MIRI	14,067	6,247	20,314	-	12	12	14,067	6,259	20,326	20,326	24,902	-18.4%
SIBU	3,534	-	3,534	-	-	-	3,534	-	3,534	3,534	7,120	-50.4%
MULU	616	130	746	-	-	-	616	130	746	746	1,208	-38.2%
LIMBANG	1,988	343	2,331	-	-	-	1,988	343	2,331	2,331	2,372	-1.7%
MUKAH	2,930	180	3,110	-	-	-	2,930	180	3,110	3,110	3,150	-1.3%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	214	-100.0%
STOL SARAWAK	10,661	1,510	12,171	-	-	-	10,661	1,510	12,171	12,171	10,958	11.1%
SEMENANJUNG <i>Peninsular</i>	82,315	7,849	90,164	45,793	9,689	55,482	128,108	17,538	145,646	145,646	239,695	-39.2%
SABAH	24,588	8,485	33,073	860	591	1,451	25,448	9,076	34,524	34,524	49,559	-30.3%
SARAWAK	50,671	12,613	63,284	700	82	782	51,371	12,695	64,066	64,066	81,014	-20.9%
JUMLAH <i>Total</i>	157,574	28,947	186,521	47,353	10,362	57,715	204,927	39,309	244,236	244,236	370,268	-34.0%

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), 2021
 Table 4.12: Traffic Movements Between Malaysian Airports (Including Singapore), 2021

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	44,950	47,149	92,099	2,445	5,723	8,168	-	-	-
KUALA LUMPUR	-	IPOH	-	-	-	-	-	-	-	-	-
KUALA LUMPUR	-	JOHOR BAHRU	30,164	32,345	62,509	1,064,143	1,403,516	2,467,659	1,067,288	625,470	1,692,758
KUALA LUMPUR	-	KOTA BHARU	126,522	129,129	255,651	11,564	1,784	13,348	56	-	56
KUALA LUMPUR	-	KOTA KINABALU	270,047	264,066	534,113	21,156,470	9,267,135	30,423,605	13,439	-	13,439
KUALA LUMPUR	-	TERENGGANU	46,399	47,351	93,750	882	104	986	-	-	-
KUALA LUMPUR	-	KUANTAN	10,210	10,619	20,829	278	1	279	-	-	-
KUALA LUMPUR	-	KUCHING	152,950	145,259	298,209	25,180,377	6,175,371	31,355,748	6,173	3	6,176
KUALA LUMPUR	-	LABUAN	45,079	44,049	89,128	1,251,828	282,205	1,534,033	-	1,385	1,385
KUALA LUMPUR	-	LANGKAWI	258,496	256,178	514,674	26,553	30,507	57,060	-	2	2
KUALA LUMPUR	-	MIRI	42,408	45,177	87,585	5,856,892	632,105	6,488,997	11,975	3	11,978
KUALA LUMPUR	-	PULAU PINANG	88,019	92,137	180,156	10,035,995	505,458	10,541,453	-	-	-
KUALA LUMPUR	-	SINGAPURA	121,222	83,429	204,651	8,731,495	9,594,721	18,326,216	-	-	-
KUALA LUMPUR	-	SIBU	35,499	35,635	71,134	1,140,909	226,455	1,367,364	335	-	335
KUALA LUMPUR	-	TAWAU	103,483	104,286	207,769	2,279,239	8,770,401	11,049,640	187	-	187
JOHOR BAHRU	-	SUBANG	27,671	26,981	54,652	-	-	-	-	-	-
JOHOR BAHRU	-	PENANG	34,930	35,298	70,228	-	2,672	2,672	-	-	-
JOHOR BAHRU	-	ALOR SETAR	16,351	16,196	32,547	-	-	-	-	-	-
JOHOR BAHRU	-	LANGKAWI	15,649	15,242	30,891	-	-	-	-	-	-
JOHOR BAHRU	-	IPOH	7,251	7,245	14,496	-	-	-	-	-	-
JOHOR BAHRU	-	SIBU	7,266	5,549	12,815	47,608	11,228	58,836	-	-	-
JOHOR BAHRU	-	TAWAU	7,604	7,435	15,039	18,266	246,653	264,919	-	-	-
JOHOR BAHRU	-	KOTA BHARU	5,267	5,275	10,542	-	-	-	-	-	-
PULAU PINANG	-	LANGKAWI	39,740	39,033	78,773	16,200	20,480	36,680	-	-	-
PULAU PINANG	-	SINGAPURA	9,039	7,426	16,465	3,712,604	7,093,021	10,805,625	91	-	91
KOTA KINABALU	-	JOHOR BAHRU	24,625	26,421	51,046	351,671	190,294	541,965	-	-	-
KOTA KINABALU	-	TAWAU	87,308	91,556	178,864	4,181,198	20,300	4,201,498	-	5	5
KOTA KINABALU	-	LABUAN	16,798	18,138	34,936	66,052	291,306	357,358	603	1,548	2,151
KOTA KINABALU	-	LAHAD DATU	22,245	22,779	45,024	93,801	32,483	126,284	-	-	-
KOTA KINABALU	-	MIRI	7,440	8,190	15,630	178,396	97,211	275,607	-	-	-
KOTA KINABALU	-	SIBU	3,991	3,912	7,903	-	22	22	-	-	-
KOTA KINABALU	-	KUCHING	20,525	20,998	41,523	1,994,309	2,066,086	4,060,395	-	-	-
KOTA KINABALU	-	SINGAPURA	-	-	-	-	-	-	-	-	-
KUCHING	-	JOHOR BAHRU	13,648	15,021	28,669	63,429	263,875	327,304	-	-	-
KUCHING	-	PULAU PINANG	8,917	9,231	18,148	-	13,468	13,468	-	-	-
KUCHING	-	SINGAPURA	2,082	4,382	6,464	41,096	33,208	74,304	-	-	-
BINTULU	-	MIRI	3,276	3,055	6,331	3,123	1,202	4,325	-	51	51
MIRI	-	LABUAN	10,170	9,513	19,683	7,184	1,174	8,358	-	-	-
MIRI	-	SIBU	16,222	16,202	32,424	12,386	28,527	40,913	44	-	44
SANDAKAN	-	TAWAU	3,514	3,977	7,491	11,096	906	12,002	419	-	419
LANGKAWI	-	SINGAPURA	28	205	233	2,730	2,730	5,460	-	-	-
MIRI	-	JOHOR BAHRU	2,442	2,770	5,212	877	28,540	29,417	-	-	-

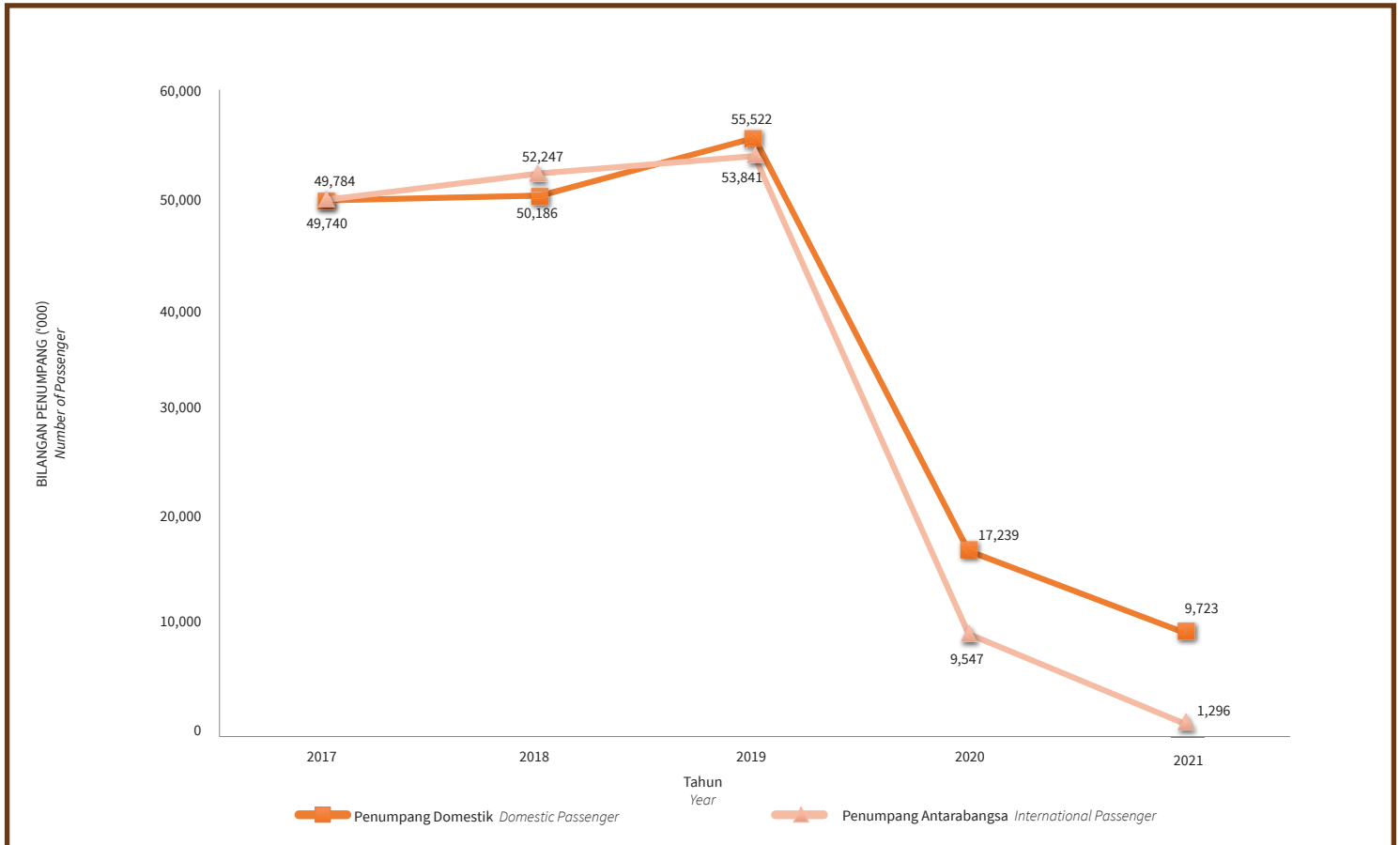
SUMBER Source: MALAYSIA AIRPORTS HOLDINGS BERHAD (MAHB), SENAI AIRPORT TERMINAL SERVICES SDN BHD (SATS)

JADUAL 4.13: PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2021
 Table 4.13: Traffic Movements for Rural Air Services, Sabah and Sarawak, 2021

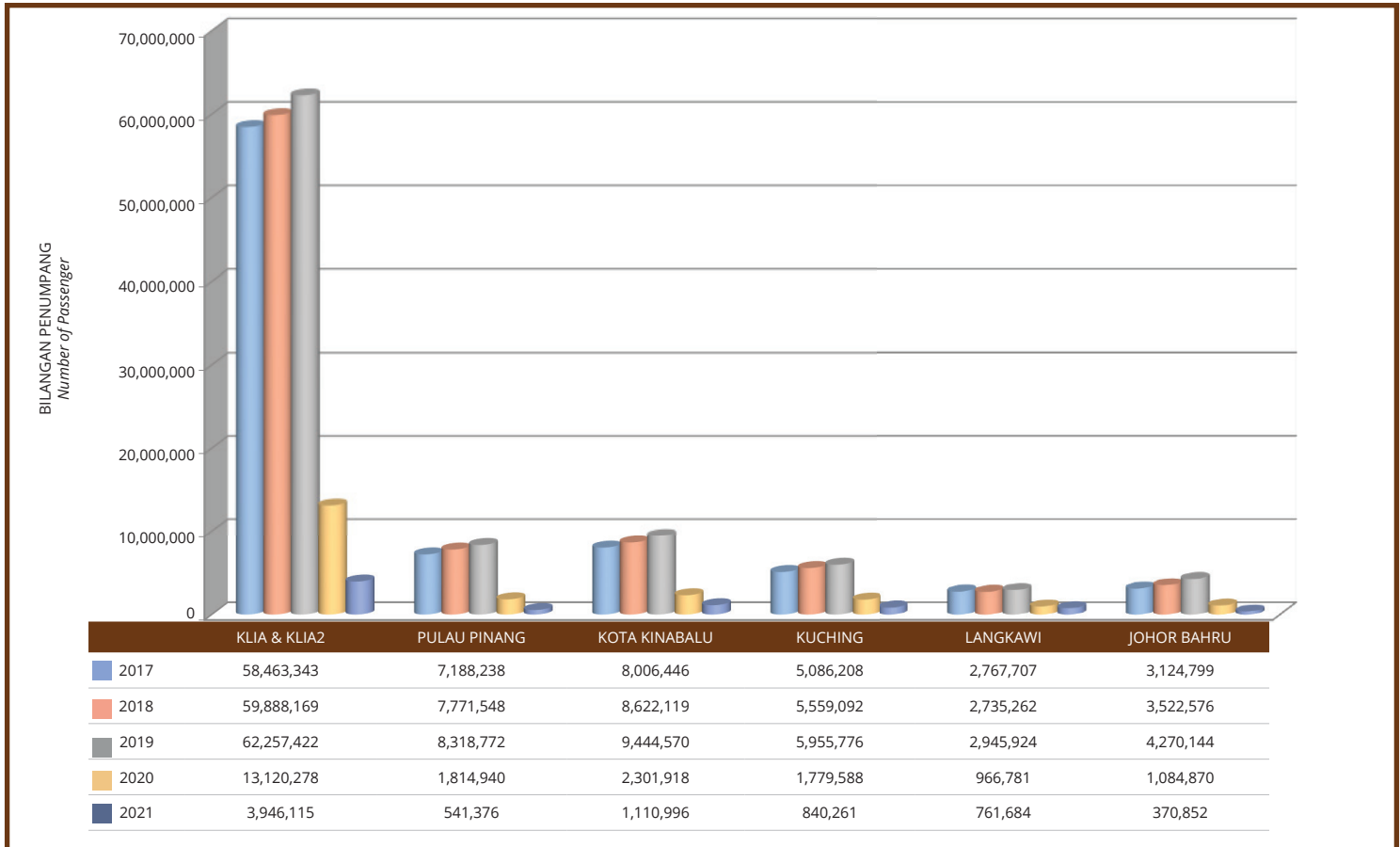
SEKTOR <i>Sector</i>			PENUMPANG <i>Passenger</i>			KARGO (KG) <i>Cargo (KG)</i>			MEL (KG) <i>Mail (KG)</i>		
A	-	B	(A-B)	(B-A)	JUMLAH <i>Total</i>	(A-B)	(B-A)	JUMLAH <i>Total</i>	(A-B)	(B-A)	JUMLAH <i>Total</i>
SABAH											
BARIO	-	MARUDI	628	744	1,372	59	24,185	24,244	-	-	-
BELAGA	-	BINTULU	-	-	-	-	-	-	-	-	-
BINTULU	-	MUKAH	256	251	507	49	-	49	-	7	7
KOTA KINABALU	-	KUDAT	-	-	-	-	-	-	-	-	-
KOTA KINABALU	-	SANDAKAN	60,102	57,667	117,769	69,980	12,263	82,243	-	5	5
KOTA KINABALU	-	BINTULU	1,975	2,077	4,052	-	-	-	-	-	-
KUDAT	-	SANDAKAN	-	-	-	-	-	-	-	-	-
LAWAS	-	KOTA KINABALU	136	98	234	-	-	-	130	-	130
LIMBANG	-	KOTA KINABALU	428	444	872	20	-	20	115	-	115
MIRI	-	BARIO	4,013	4,186	8,199	27,126	5,278	32,404	6,790	-	6,790
SANDAKAN	-	TOMANGGONG	-	-	-	-	-	-	-	-	-
SANDAKAN	-	TAWAU	3,514	3,977	7,491	11,096	906	12,002	419	-	419
JUMLAH/ <i>Total</i>			71,052	69,444	140,496	108,330	42,632	150,962	7,454	12	7,466
SARAWAK											
KUCHING	-	BINTULU	43,997	44,584	88,581	10,063	13,409	23,472	-	-	-
KUCHING	-	LABUAN	118	266	384	2,685	-	2,685	-	-	-
KUCHING	-	MIRI	89,558	91,613	181,171	41,974	938,172	980,146	35	-	35
KUCHING	-	SIBU	55,636	56,104	111,740	100,995	48,505	149,500	-	-	-
KUCHING	-	MUKAH	9,824	11,012	20,836	16,774	2,251	19,025	4	6	10
LAWAS	-	MIRI	11,055	10,552	21,607	31,896	40,282	72,178	-	-	-
LIMBANG	-	MIRI	32,006	31,939	63,945	93,314	176,861	270,175	-	626	626
LIMBANG	-	LAWAS	1,029	960	1,989	643	862	1,505	-	-	-
MARUDI	-	MIRI	766	789	1,555	-	422	422	-	-	-
MIRI	-	MULU	4,131	4,251	8,382	107,712	1,527	109,239	4,772	114	4,886
MIRI	-	SIBU	16,222	16,202	32,424	12,386	28,527	40,913	44	-	44
MUKAH	-	MIRI	2,357	2,173	4,530	449	695	1,144	-	-	-
MUKAH	-	SIBU	186	206	392	-	-	-	-	-	-
SIBU	-	BINTULU	2,806	3,094	5,900	17,856	5,112	22,968	-	19	19
JUMLAH/ <i>Total</i>			269,691	273,745	543,436	436,747	1,256,625	1,693,372	4,855	765	5,620

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

CARTA 4.1: JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2017-2021
Chart 4.1: Total Number of Domestic and International Passengers Handled by Airport, Malaysia, 2017-2021



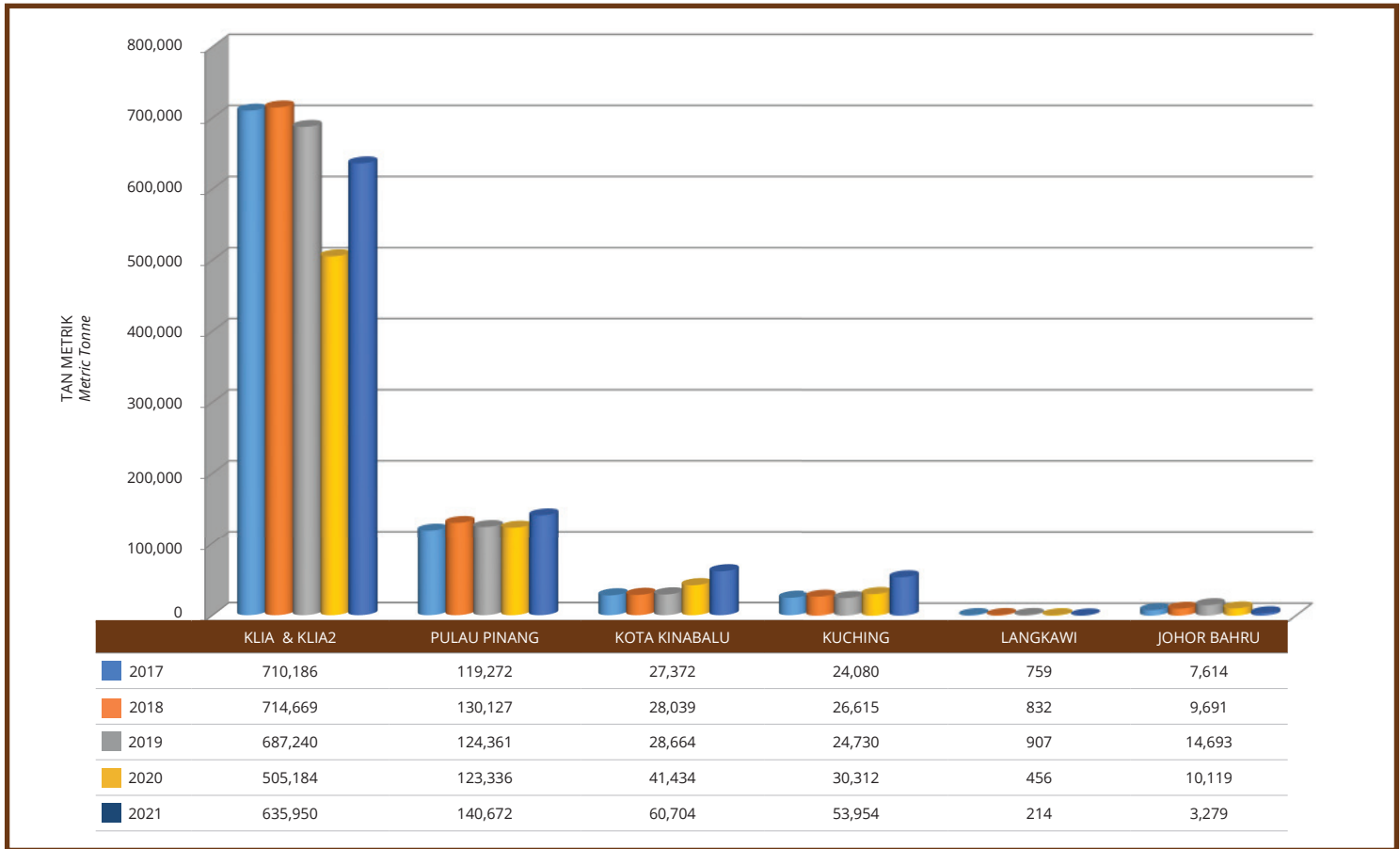
CARTA 4.2: JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2017-2021
 Chart 4.2: Total Passengers Handled by International Airport, Malaysia, 2017-2021



CARTA 4.3: JUMLAH KARGO DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2012-2021
Chart 4.3: Total Domestic and International Cargo Handled by Airport, Malaysia, 2012-2021



CARTA 4.4: JUMLAH KARGO YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2017-2021
 Chart 4.4: Total Cargo Handled by International Airports, Malaysia, 2017-2021





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