



STATISTIK 2014

PENGANGKUTAN MALAYSIA

TRANSPORT STATISTICS MALAYSIA





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ISSN : 0128-2778**

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ISSN : 0128-2778*

KATA PENGANTAR <i>Preface</i>	xi
PENGHARGAAN <i>Acknowledgement</i>	xii
GLOSARI AKRONIM <i>Glossary of Acronyms</i>	xiii
PETA <i>Maps</i>	
<hr/>	
RANGKAIAN PENGANGKUTAN TRANSIT REL LEMBAH KLANG <i>Rail Transport Network of Klang Valley</i>	2
RANGKAIAN PENGANGKUTAN REL SEMENANJUNG MALAYSIA <i>Rail Transport Network of Peninsular Malaysia</i>	3
RANGKAIAN PENGANGKUTAN REL SABAH <i>Rail Transport Network of Sabah</i>	4
LOKASI PELABUHAN-PELABUHAN PERSEKUTUAN SEMENANJUNG MALAYSIA <i>Federal Ports Location of Peninsular Malaysia</i>	5
LOKASI PELABUHAN-PELABUHAN NEGERI, SABAH <i>State Ports Location of Sabah</i>	6
LOKASI PELABUHAN PERSEKUTUAN DAN PELABUHAN-PELABUHAN NEGERI, SARAWAK <i>Federal and State Ports Location of Sarawak</i>	7
LOKASI LAPANGAN TERBANG SEMENANJUNG MALAYSIA <i>Airport Location of Peninsular Malaysia</i>	8
LOKASI LAPANGAN TERBANG SABAH <i>Airport Location of Sabah</i>	9

LOKASI LAPANGAN TERBANG SARAWAK*Airport Location of Sarawak***10****PENGANGKUTAN DARAT** *Land Transport***JADUAL** *Tables*

1.1	BILANGAN STESEN PENGUATKUASA MENGIKUT NEGERI, MALAYSIA, 2010-2014 <i>Number of Enforcement Station by State, Malaysia, 2010-2014</i>	12
1.2	PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2014 <i>New Registered Motor Vehicles by Type and State, Malaysia, 2014</i>	13
1.3	JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2014 <i>Total Motor Vehicles by Type and State, Malaysia, 2014</i>	14
1.4	PENDAFTARAN BARU KENDERAAN BERMOTOR (KENDERAAN BARANGAN) MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2014 <i>New Registered Motor Vehicles (Good Vehicles) by Type and State, Malaysia, 2014</i>	15
1.5	PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS DAN KUASA ENJIN, MALAYSIA, 2014 <i>New Registered Motor Vehicles by Type and Engine Capacity, Malaysia, 2014</i>	16
1.6	PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS PENGGUNAAN BAHAN BAKAR, MALAYSIA, 2014 <i>New Registered Motor Vehicles by Type of Fuel Usage, Malaysia, 2014</i>	17
1.7	PENDAFTARAN BARU MOTOSIKAL BAGI KENDERAAN PERSENDIRIAN/BERPENDAFTARAN SYARIKAT MENGIKUT KUASA ENJIN DAN NEGERI, MALAYSIA, 2014 <i>New Registered Motorcycle for Individual/Company Vehicles by Engine Capacity and State, Malaysia, 2014</i>	18
1.8	BILANGAN KENDERAAN DI ATAS JALANRAYA MENGIKUT NEGERI, MALAYSIA, 2010-2014 <i>Number of Vehicles on the Road by State, Malaysia, 2010-2014</i>	19

1.9	JUMLAH LESEN MEMANDU MENGIKUT JENIS, MALAYSIA, 2005-2014 <i>Total of Driving Licenses by Type, Malaysia, 2005-2014</i>	20
1.10	JUMLAH LESEN MEMANDU MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2014 <i>Total of Driving Licenses by Type and State, Malaysia, 2014</i>	21
1.11	BILANGAN LESEN BARU YANG DIKELUARKAN MENGIKUT KELAS LESEN, MALAYSIA, 2005-2014 <i>Number of New Licenses Issued by Class of Licenses, Malaysia, 2005-2014</i>	23
1.12	PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2005-2014 <i>Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2005-2014</i>	24
1.13	PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2005-2014 <i>Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2005-2014</i>	27
1.14	KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2014 <i>Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2014</i>	28
1.15	JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2005-2014 <i>Total Road Accidents by States, Malaysia, 2005-2014</i>	29
1.16	JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 2005-2014 <i>Total Motor Vehicles Involved in Road Accidents by Type of Vehicle, Malaysia, 2005-2014</i>	30
1.17	JUMLAH KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT TAHUN DAN NEGERI, MALAYSIA, 2005-2014 <i>Total Deaths Caused by Road Accidents by Year and States, Malaysia, 2005-2014</i>	31
1.18	JUMLAH KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2005-2014 <i>Total Casualties and Deaths Caused by Road Accidents, Malaysia, 2005-2014</i>	32

CARTA Charts

1.1	PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS, MALAYSIA, 2014 <i>New Registered Motor Vehicles by Type, Malaysia, 2014</i>	33
1.2	PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT NEGERI, 2013-2014 <i>New Registered Motor Vehicles by State, 2013-2014</i>	34
1.3	JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT JENIS, MALAYSIA, 2013-2014 <i>Total Motor Vehicles by Type, Malaysia, 2013-2014</i>	35
1.4	JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT NEGERI, MALAYSIA, 2014 <i>Total Motor Vehicles by State, Malaysia, 2014</i>	36
1.5	JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2014 <i>Total Road Accidents by States, Malaysia, 2014</i>	37
1.6	JUMLAH KEMALANGAN JALAN RAYA DAN KENDERAAN TERLIBAT, MALAYSIA, 2005-2014 <i>Total Road Accidents and Motor Vehicles Involved, Malaysia, 2005-2014</i>	38
1.7	KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2014 <i>Deaths Caused by Road Accidents by States, Malaysia, 2014</i>	39
1.8	KECEDERAAN DAN KEMATIAN DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2005-2014 <i>Casualties and Deaths Caused by Road Accidents, Malaysia, 2005-2014</i>	40
1.9	KEMALANGAN, PERATUS KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2005-2014 <i>Total Accidents, Percentage of Casualties and Deaths Caused by Road Accidents, Malaysia, 2005-2014</i>	41

PENGANGKUTAN DARAT REL *Land Transport: Rail*

JADUAL *Tables*

2.1	STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2005-2014 <i>Malayan Railways Limited Traffic Statistics, 2005-2014</i>	44
2.2	BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2005-2014 <i>Number of Passengers and Passenger Kilometres by Classes, 2005-2014</i>	45
2.3	BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRESS, 2005-2014 <i>Number of Passengers and Passenger Kilometres for Express Services, 2005-2014</i>	46
2.4	TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2005-2014 <i>Freight Traffic by Type of Cargo, 2005-2014</i>	48
2.5	JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 2005-2014 <i>Goods Revenue by Type of Cargo, 2005-2014</i>	49
2.6	DAFTAR LOKOMOTIF, 2005-2014 <i>Locomotive Inventory, 2005-2014</i>	50
2.7	DAFTAR KOC PENUMPANG, 2005-2014 <i>Passenger Coaches Inventory, 2005-2014</i>	51
2.8	DAFTAR GERABAK BARANG, 2005-2014 <i>Freight Wagon Inventory, 2005-2014</i>	52
2.9	BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2005-2014 <i>Number of Passengers for Light Rail Transit (LRT) Services, 2005-2014</i>	53

CARTA Charts

2.1	BILANGAN PENUMPANG KTMB DAN KTM KOMUTER BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD, 2005-2014 <i>Number of KTMB and Commuter Passengers for Malayan Railways Limited, 2005-2014</i>	54
2.2	JUMLAH KONTENA YANG DIKENDALIKAN KERETAPI TANAH MELAYU BERHAD, 2005-2014 <i>Total Container Handled by Malayan Railways Limited, 2005-2014</i>	55
2.3	TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2005-2014 <i>Freight Traffic for Malayan Railways Limited, 2005-2014</i>	56
2.4	BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2010-2014 <i>Number of Passengers for Light Rail Transit (LRT) Services, 2010-2014</i>	57

PENGANGKUTAN MARITIM *Maritime Transport***JADUAL** Tables

3.1	JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014 <i>Total Cargo Throughput by Ports, Malaysia, 2005-2014</i>	60
3.2	JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2014 <i>Total Cargo Throughput by Ports and Type, Malaysia, 2014</i>	64
3.3	BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2014 <i>Commodities Loaded by Ports and Types, Malaysia, 2014</i>	65
3.4	BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2014 <i>Commodities Unloaded by Ports and Types, Malaysia, 2014</i>	66
3.5	JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014 <i>Total Container Throughput by Ports, Malaysia, 2005-2014</i>	67

3.6	JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2005-2014 <i>Total Number of Ships Calling by Ports, Malaysia, 2005-2014</i>	70
3.7	JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2014 <i>Type of Ships Calling by Ports, Malaysia, 2014</i>	71
3.8	BILANGAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELASAN BARU) DAN BERAT, MALAYSIA, 2010-2014 <i>Number of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2010-2014</i>	72
3.9	JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELASAN BARU) DAN BERAT, MALAYSIA, 2010-2014 <i>Total of Ships Registered in Malaysia by Type (New Classification) And Weight, Malaysia, 2010-2014</i>	73
3.10	JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2010-2014 <i>Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSL B), 2010-2014</i>	74
3.11	JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS LESEN DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2010-2014 <i>Total Number of Licenses Issued by Type of License and Registration by Domestic Shipping Licensing Board (DSL B), 2010-2014</i>	75
CARTA Charts		
3.1	JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2014 <i>Total Cargo Throughput by Ports, Malaysia, 2014</i>	76
3.2	JUMLAH KARGO YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2005-2014 <i>Total Cargo Throughput at Ports, Malaysia, 2005-2014</i>	77

3.3	JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT EKSPORT, IMPORT DAN PINDAH KAPAL DI PELABUHAN MALAYSIA, 2005-2014 <i>Total Cargo Throughput by Export, Import and Transhipment at Ports, Malaysia, 2005-2014</i>	78
3.4	JUMLAH KENDALIAN KARGO UNTUK PERDAGANGAN DALAM NEGERI DAN LUAR NEGERI, 2014 <i>Total Cargo Handling for Local and Foreign Trade, 2014</i>	79
3.5	JUMLAH PENGENDALIAN EKSPORT DAN IMPORT KONTENA MENGIKUT PELABUHAN, MALAYSIA, 2014 <i>Handling of Export and Import Container by Ports, Malaysia, 2014</i>	80
3.6	JUMLAH KONTENA YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2005-2014 <i>Total Container Throughput at Ports, Malaysia, 2005-2014</i>	81
3.7	JUMLAH PENGENDALIAN KONTENA EKSPORT DAN IMPORT MENGIKUT TAHUN, MALAYSIA, 2005-2014 <i>Total Handling of Export and Import Container by Ports, Malaysia, 2005-2014</i>	82

PENGANGKUTAN UDARA *Air Transport*

JADUAL *Tables*

4.1	KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2014 <i>International Airport Facilities, Malaysia, 2014</i>	84
4.2	KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2014 <i>Domestic Airport Facilities, Malaysia, 2014</i>	85
4.3	KEMUDAHAN PADANG TERBANG , MALAYSIA, 2014 <i>Airstrips Facilities, Malaysia, 2014</i>	86
4.4	JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2005-2014 <i>Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2005-2014</i>	88

4.5	JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2014 <i>Total Passengers Handled by Airports, Malaysia, 2014</i>	89
4.6	JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK KARGO TRANSIT), MALAYSIA, 2005-2014 <i>Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2005-2014</i>	90
4.7	JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2014 <i>Total Cargo Handled by Airports, Malaysia, 2014</i>	91
4.8	JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK MEL TRANSIT), MALAYSIA, 2005-2014 <i>Total Mail Handled by Airports (Excluding Mel in Transit), Malaysia, 2005-2014</i>	92
4.9	JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2014 <i>Total Mail Handled by Airports, Malaysia, 2014</i>	93
4.10	JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2005-2014 <i>Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2005-2014</i>	94
4.11	JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2014 <i>Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2014</i>	95
4.12	PERGERAKAN TRAFIK DI ANTARA LAPANGAN TERBANG-LAPANGAN TERBANG MALAYSIA (TERMASUK SINGAPURA), 2014 <i>Traffic Movements Between Malaysian Airports (Including Singapore), 2014</i>	96
4.13	PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2014 <i>Traffic Movements for Rural Air Services, Sabah and Sarawak, 2014</i>	97

CARTA Charts

4.1	JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2010-2014	98
	<i>Total Number of Domestic and International Passengers Handled by Airports, Malaysia, 2010-2014</i>	
4.2	JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2010-2014	99
	<i>Total Passengers Handled by International Airports, Malaysia, 2010-2014</i>	
4.3	JUMLAH KARGO DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2005-2014	100
	<i>Total Number of Domestic and International Cargo Handled by Airports, Malaysia, 2005-2014</i>	
4.4	JUMLAH KARGO YANG DIKENDALIKAN DI LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2010-2014	101
	<i>Total Cargo Handled by International Airports, Malaysia, 2010-2014</i>	



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KETUA SETIAUSAHA
KEMENTERIAN PENGANGKUTAN MALAYSIA
Secretary General
Ministry Of Transport Malaysia

Kementerian Pengangkutan dengan sukacitanya telah menerbitkan Laporan Statistik Pengangkutan Malaysia 2014. Adalah menjadi objektif Kementerian untuk menyediakan perangkaan yang komprehensif, sedia digunakan dan terkini mengenai semua mod pengangkutan di Malaysia melalui laporan ini. Beberapa petunjuk utama terpilih berserta carta dan graf telah dimasukkan sebagai panduan mudah untuk memahami arah aliran asas sektor pengangkutan di negara ini.

Sektor pengangkutan merupakan salah satu penyumbang utama kepada pertumbuhan dan pembangunan ekonomi negara. Kerajaan akan terus menerajui dan berkerjasama dengan pihak berkaitan dalam industri untuk memajukan lagi agenda pengangkutan negara.

Semoga penerbitan ini dapat dijadikan bahan rujukan yang bernilai kepada semua pengguna khususnya kepada penggubal dasar, penyelidik dan perancang dalam kajian masing-masing.

Saya ingin merakamkan ucapan penghargaan kepada semua jabatan dan agensi di bawah Kementerian Pengangkutan, juga kepada pihak-pihak yang berkenaan atas kerjasama dan sumbangan mereka ke arah merealisasikan penerbitan laporan statistik ini. Segala cadangan dan pandangan bagi penambahbaikan kandungan, persembahan dan penyampaian maklumat untuk terbitan seterusnya amat dialu-alukan.

The Ministry of Transport is pleased to present the Malaysia Transport Statistics 2014. It is the objective of the Ministry to provide comprehensive, readily available and up-to-date statistics on all modes of transport in Malaysia through this report. Some selected key indicators, accompanied by graphs and charts, have been included for a quick understanding of the basic trends of the transport sector in the country.

The transport sector is one of major contributor to the economic growth and development of the nation. The Government will continue to spearhead and work closely with the relevant players in the industry to further advance the nation's transport agenda.

This publication will hopefully serve as a valuable reference to all users, especially to policy makers, researchers and planners in their research purposes.

I would like to express my appreciation to all departments and agencies under the Ministry of Transport as well as others concerned for their cooperation and contribution toward realizing this publication. Any suggestions and comments towards improvement of content, presentation and delivery of information for future publication are most welcome.

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

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

Kementerian Kerja Raya
Ministry of Works

Polis Diraja Malaysia
Royal Malaysian Police

Jabatan Pengangkutan Jalan
Road Transport Department

Jabatan Laut Malaysia
Marine Department Malaysia

Keretapi Tanah Melayu Berhad
Malayan Railways Limited

Suruhanjaya Pengangkutan Awam Darat
Land Public Transport Commission

**Lembaga Perlesenan Kenderaan
Perdagangan Sabah**
*Commercial Vehicles Licensing
Board Sabah*

**Lembaga Perlesenan Kenderaan
Perdagangan Sarawak**
*Commercial Vehicles Licensing
Board Sarawak*

Lembaga Pelabuhan Klang
Klang Port Authority

Pelabuhan Tanjung Pelepas Sdn Bhd
Port of Tanjung Pelepas Sdn Bhd

Johor Port Berhad
Johor Port Berhad

Suruhanjaya Pelabuhan Pulau Pinang
Penang Port Commission

Lembaga Pelabuhan Kuantan
Kuantan Port Authority

Lembaga Pelabuhan Kemaman
Kemaman Port Authority

Bintulu Port Sdn Bhd
Bintulu Port Sdn Bhd

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

Pelabuhan Tanjung Bruas
Tanjung Bruas Port

Malaysia Airport Holding Berhad
Malaysia Airports Holdings Berhad

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

Rapid KL Sdn Bhd
Rapid KL Sdn Bhd

KL Starrail Sdn Bhd
KL Starrail Sdn Bhd

Express Rail Link Sdn Bhd
Express Rail Link Sdn Bhd

GLOSARI AKRONIM
Glosary Of Acronyms

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

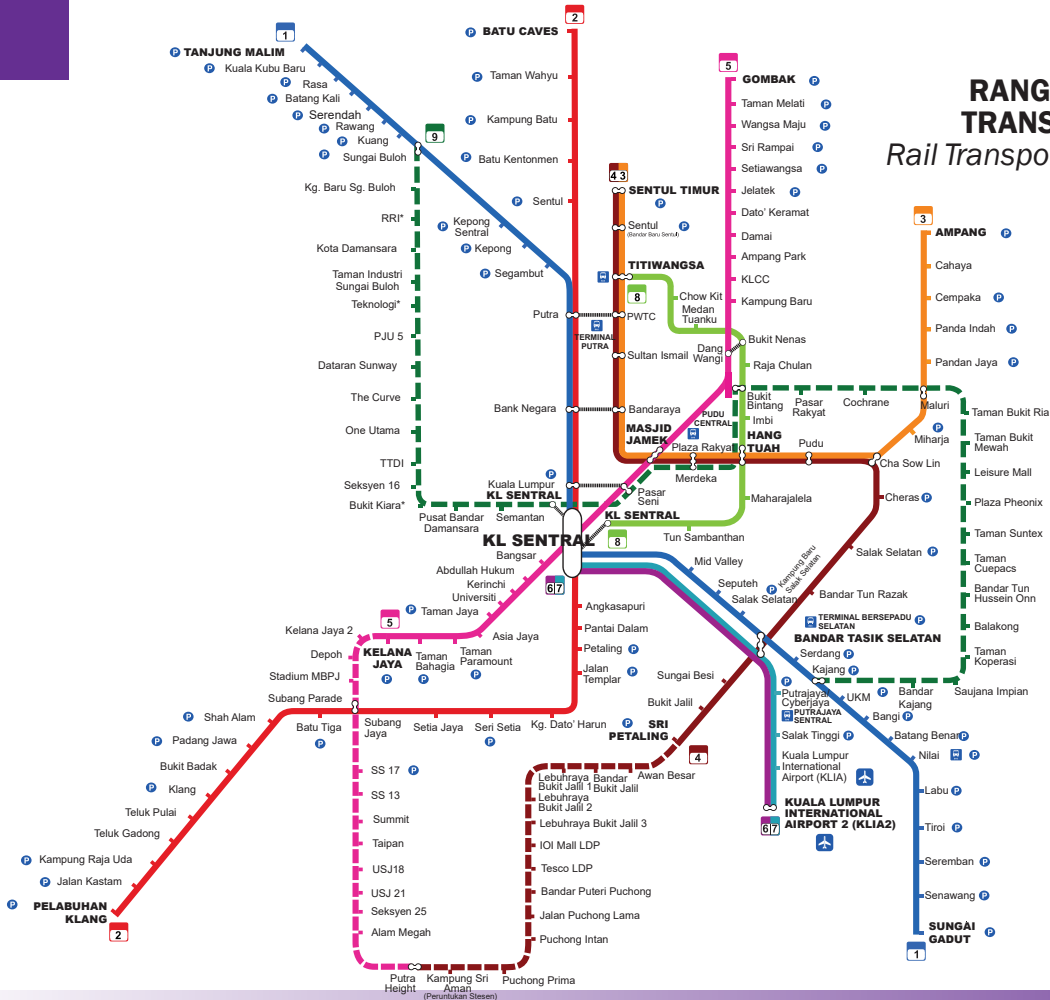


PETA

Maps

RANGKAIAN PENGANGKUTAN TRANSIT REL LEMBAH KLANG

Rail Transport Network of Klang Valley



PETUNJUK / LEGEND

1		LALUAN SEREMBAN SEREMBAN LINE
2		LALUAN PELABUHAN KLANG PORT KLANG LINE
3		LALUAN AMPANG AMPANG LINE
4		LALUAN SRI PETALING SRI PETALING LINE
5		LALUAN KELANA JAYA KELANA JAYA LINE
6		LALUAN KLIA EKSPRES KLIA EKSPRES LINE
7		LALUAN KLIA TRANSIT KLIA TRANSIT LINE
8		LALUAN MONOREL KL KL MONOREL LINE
9		LALUAN MRT MRT LINE / FUTURE STATION
		Stesen Sambungan Connecting Station
		Stesen Pertukaran Interchange Station
		Terminal Rel Rail Terminal
		Dalam Pembinaan Under Construction
		Stesen Bas Antarbandar Under Construction
		Terminal Lapangan Terbang Airport Terminal
		Medan Kereta Park and Ride

* MRT LINE FUTURE STATION

RANGKAIAN PENGANGKUTAN REL SEMENANJUNG MALAYSIA

Rail Transport Network of Peninsular Malaysia

Route Length: 1,641 km

Track Gauge: 1,000 mm

No. of Stations: 136

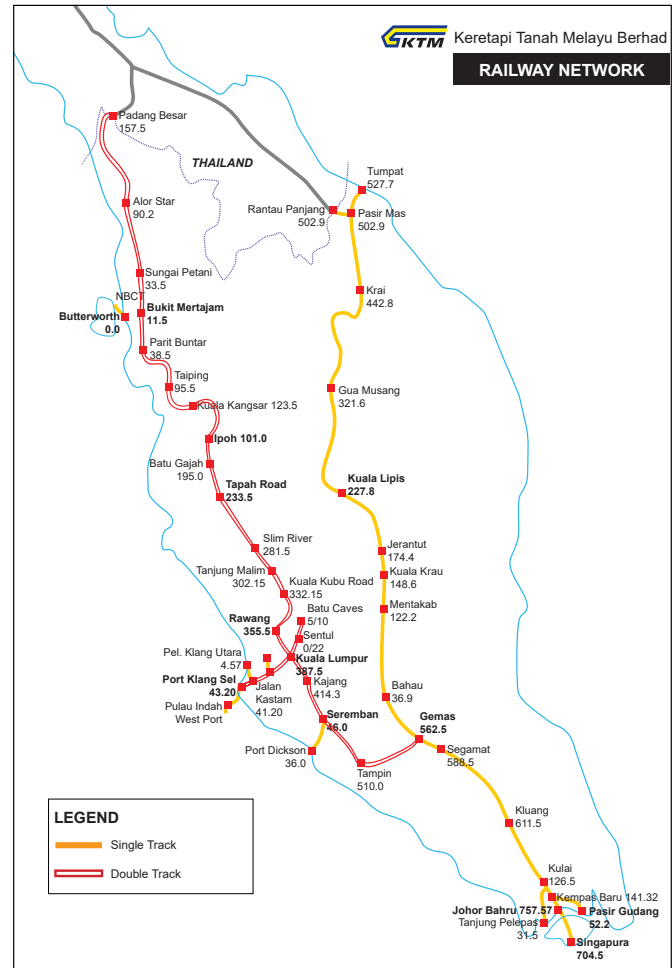
No. of Halts: 80

Electrified Double Track (EDT) (338 km):

- Rawang - Seremban: 105 km
- Batu Caves - Port Klang: 53 km
- Rawang - Ipoh: 180 km
- Ipoh - Padang Besar (329 km)
- Seremban - Gemas (94 km)

Single Track at East Coast (749 km):

- Gemas - Woodlands: 221 km
- Gemas - Tumpat: 528 km



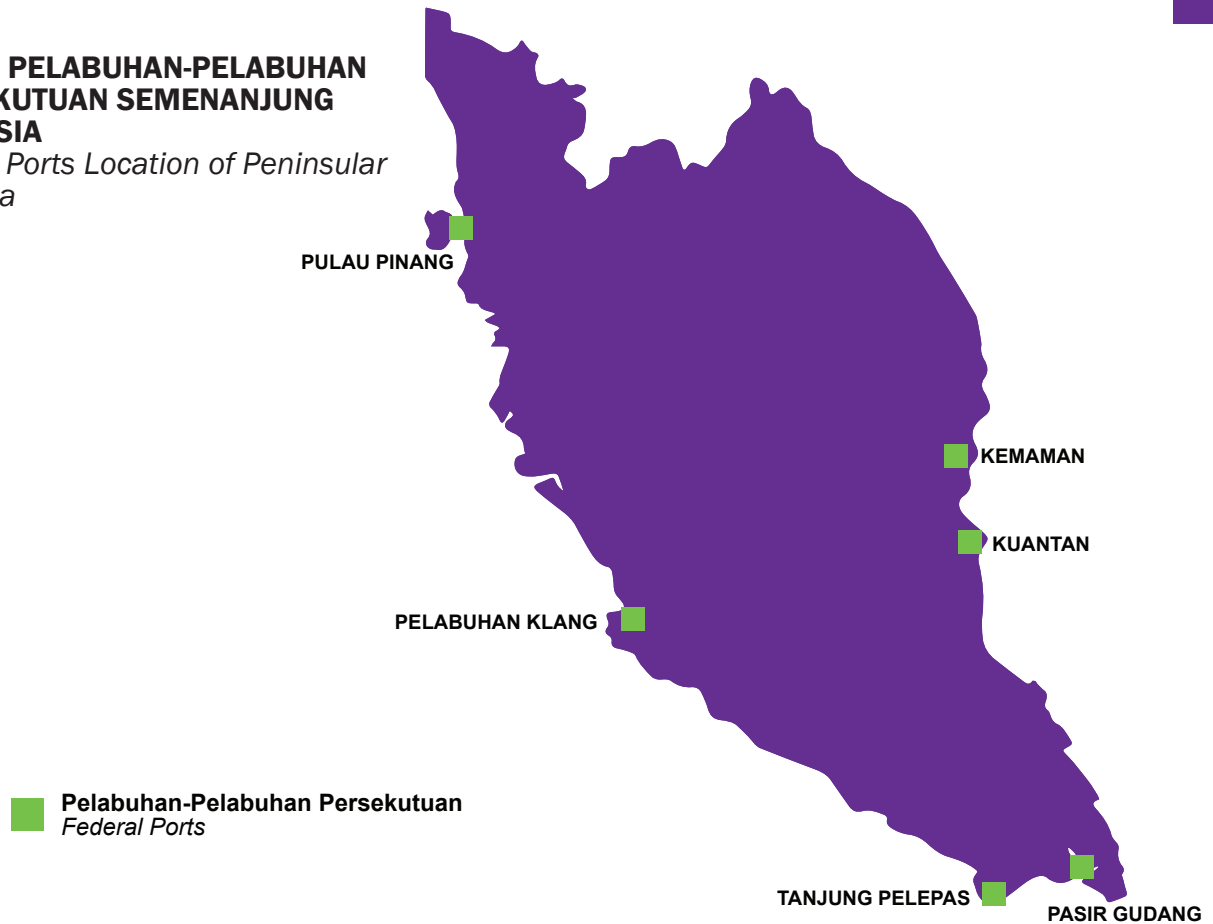
RANGKAIAN PENGANGKUTAN REL SABAH

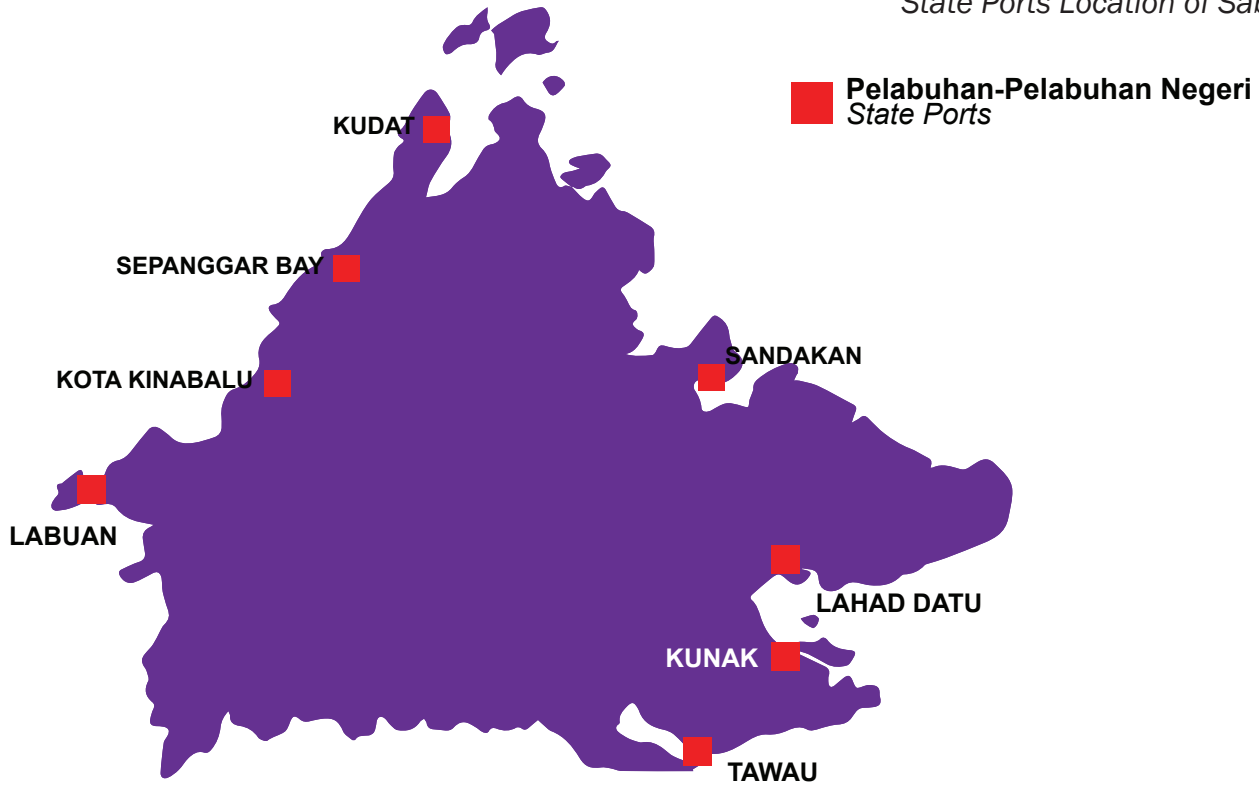
Rail Transport Network of Sabah



LOKASI PELABUHAN-PELABUHAN PERSEKUTUAN SEMENANJUNG MALAYSIA

Federal Ports Location of Peninsular Malaysia



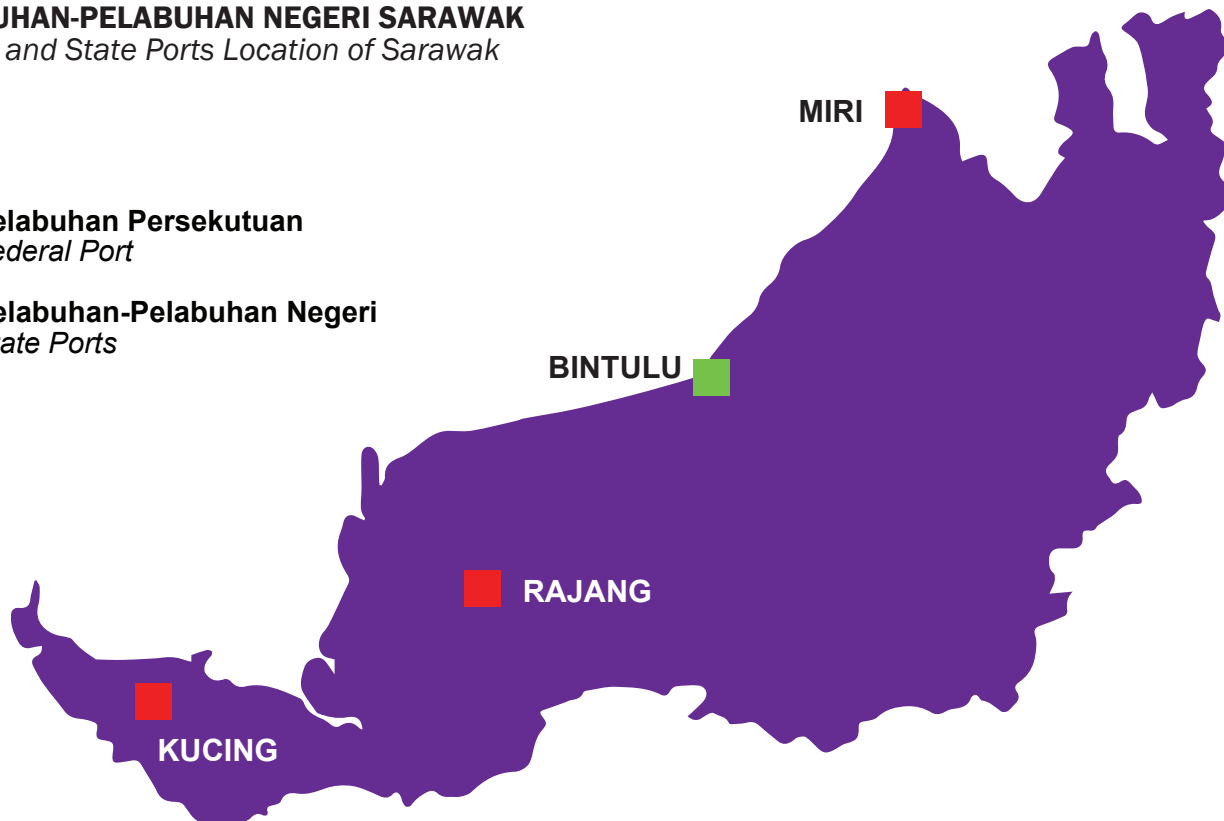
LOKASI PELABUHAN-PELABUHAN NEGERI SABAH*State Ports Location of Sabah*

LOKASI PELABUHAN PERSEKUTUAN DAN PELABUHAN-PELABUHAN NEGERI SARAWAK

Federal and State Ports Location of Sarawak

 **Pelabuhan Persekutuan**
Federal Port

 **Pelabuhan-Pelabuhan Negeri**
State Ports



LOKASI LAPANGAN TERBANG SEMENANJUNG MALAYSIA

Airport Location of Peninsular Malaysia

-  **Lapangan Terbang Antarabangsa**
International Airports
-  **Lapangan Terbang Domestik**
Domestic Airports
-  **Padang Terbang**
Airstrips



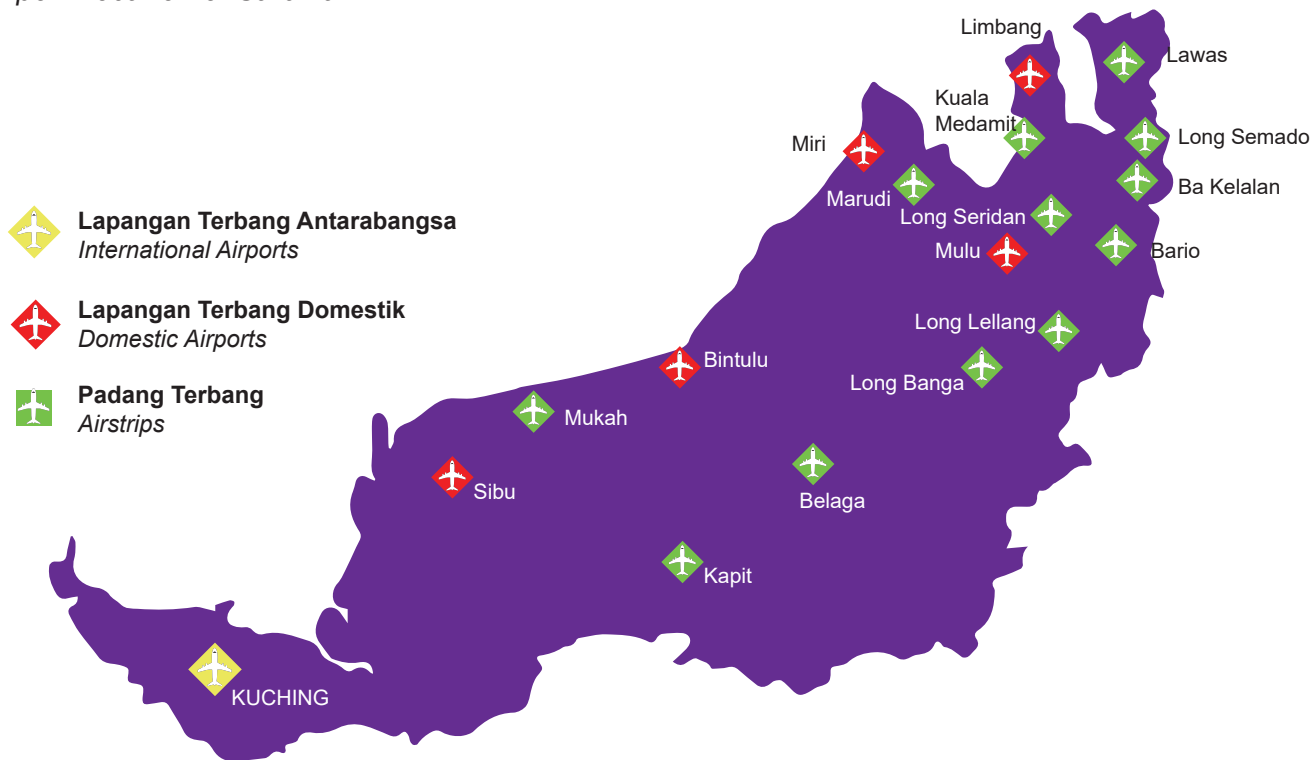
LOKASI LAPANGAN TERBANG SABAH

Airport Location of Sabah



LOKASI LAPANGAN TERBANG SARAWAK

Airport Location of Sarawak





PENGANGKUTAN DARAT

Land Transport

JADUAL 1.11 : BILANGAN LESEN YANG DIKELUARKAN MENGIKUT KELAS LESEN, MALAYSIA, 2005-2014
Table 1.11 : Number of Licenses Issued by Class of Licenses, Malaysia, 2005-2014

JENIS KENDERAAN <i>Type of Vehicle</i>	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
BAS Busses										
BERHENTI-HENTI <i>Stage</i>	519	361	540	513	385	259	636	93	330	250
EKSPRES <i>Express</i>	111	60	356	389	328	332	142	161	181	176
MINI <i>Mini</i>	19	-	11	12	121	18	211	39	24	14
PEKERJA <i>Employees</i>	260	128	361	675	255	429	12	431	603	515
PENGANTARA <i>Feeder</i>	8	14	-	58	127	66	591	2	7	6
CATAR <i>Chartered</i>	11*	5	19	378	181	232	12	66	28	9
SEKOLAH <i>School</i>	635	299	846	1,423	1,129	1,074	927	853	924	959
JUMLAH KECIL <i>Sub Total</i>	1,552	867	2,133	3,448	2,526	2,410	2,531	1,645	2,097	1,929
LORI Lorry										
"A"	5,373	3,875	12,492	14,913	16,152	16,118	14,664	12,992	13,599	13,914
"C"	714	554	1,746	2,061	2,464	2,614	2,250	2,357	2,987	2,967
JUMLAH KECIL <i>Sub Total</i>	6,087	4,429	14,238	16,974	18,616	18,732	16,914	15,349	16,586	16,881
TEKSI Taxi										
SEWA <i>Hire</i>	4	43	257	255	1,221	1,075	127	228	76	36
SEWA PANDU SENDIRI <i>Hire & Drive</i>	1,491	1,709	1,155	1,388	3,139	1,680	1,545	2,635	603	333
TEKSI <i>Taxi</i>	1,099	237	689	624	2,945	4,993	945	2,486	1,233	1,209
LAPANGAN TERBANG <i>Airport</i>	313	360	228	498	198	136	68	9	10	5
LIMOUSIN <i>Limousine</i>	72	25	292	131	97	60	4,965	148	48	59
JUMLAH KECIL <i>Sub Total</i>	2,979	2,374	2,621	2,896	7,600	7,944	7,650	5,506	1,970	1,642
JUMLAH KESELURUHAN <i>Grand Total</i>	10,618	7,670	18,992	23,318	28,742	29,086	27,095	22,500	20,653	20,452

SUMBER : LEMBAGA PERLESENAN KENDERAAN PERDAGANGAN, SURUHANJAYA PENGANGKUTAN AWAM DARAT

Source : Commercial Vehicles Licensing Board, Land Public Transport Commission

* : **PADA TAHUN 2005, KELAS LESEN BAS CATAR TELAH DIPERKENALKAN**

Class of chartered bus licenses was introduced in year 2005

* : **TAHUN 2012 DAN 2013 TIDAK TERMASUK SARAWAK**

Excluding Sarawak in year 2012 and 2013

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2005-2014
Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2005-2014

BJL No	STESEN Station	KM	LOKASI Location	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
PERAK													
1	AR 101	106.6	Ipoh - Tanjung Malim (Slim River toll house)	11,892	13,555	16,031	13,854	15,038	15,322	15,443	14,431	15,328	16,501
2	AR 204	78.9	Ipoh - Lumut	19,764	20,907	21,192	21,138	23,920	22,389	26,134	25,283	25,942	23,834
3	AR 301	35.9	Ipoh - Kampar	22,677	24,314	20,703	23,050	23,659	31,022	33,342	27,497	28,520	27,126
4	AR 303	5.6	Ipoh - Gopeng	58,955	62,597	66,573	71,205	79,513	84,135	80,836	85,819	77,195	78,210
5	AR 501	30.4	Ipoh - Kuala Kangsar (500m north of Sg. Siput town)	15,079	15,399	17,927	18,036	19,085	19,426	24,750	19,251	20,478	18,578
6	AR 601	79.7	Ipoh - Batu Hampar - Changkat Jering	9,527	10,208	11,989	16,091	16,752	14,128	11,726	19,410	20,588	19,881
7	AR 603	82.1	Ipoh - Changkat Jering - Semangol	8,817	15,728	15,574	10,034	7,076	10,270	18,646	12,586	12,938	12,531
8	AR 703	106.3	Ipoh - Teluk Intan - Simpang Empat	21,284	23,258	14,351	24,244	25,159	25,365	25,004	28,465	25,489	25,865
9	AR 801	96.6	Ipoh - Kuala Kangsar - Gerik	6,931	4,169	5,774	2,509	2,715	1,724	3,421	3,562	3,487	2,826
10	AR 803	2.4	Lebuh Raya Timur - Barat	2,608	2,906	3,124	2,945	3,078	3,337	3,463	3,944	3,796	3,636
SELANGOR													
11	BR 102	3.5	Klang - Port Klang (Jalan Watson)	45,006	35,132	47,105	47,817	46,690	52,901	59,753	57,835	56,513	52,563
12	BR 108	-	300m from The Federal Highway's Junction - North Klang Straits Bypass	111,393	109,893	117,571	129,408	122,468	141,121	149,246	140,780	143,223	136,424
13	BR 203	48.3	Klang - Morib - Batu Laut	6,311	6,709	6,400	6,711	7,023	7,101	7,467	7,128	7,777	7,741
14	BR 405	45.1	Kuala Lumpur - Kepong - Kuala Selangor	20,593	21,287	22,675	19,991	20,938	22,822	25,303	23,648	21,278	22,618
15	BR 501	72.1	Klang - Sabak Bernam	15,230	17,456	19,393	17,977	19,773	20,466	23,917	23,370	22,174	22,443
16	BR 604	21.7	Kuala Lumpur - Kajang	53,115	56,808	26,712	56,634	58,929	56,609	63,350	53,689	59,023	54,222
17	BR 701	58.6	Kuala Lumpur - Kuala Kubu Baru Junction (South of Junction)	9,396	9,896	9,723	12,307	13,209	18,293	13,430	13,320	15,082	15,022
18	BR 902	19.0	Kuala Lumpur - Karak Highway	146,831	141,362	159,324	137,870	13,209	129,345	144,334	151,486	147,449	144,308
PAHANG													
19	CR 102	67.0	Kuala Lumpur-Kuantan (along KL-Karak Highway)	17,038	19,707	22,273	20,703	22,224	28,109	30,418	28,470	26,509	28,300
20	CR 403	233.0	Kuantan-Maran	20,345	22,293	24,943	23,395	26,064	28,248	32,056	31,138	31,416	31,876
21	CR 410	32.5	Kuantan-Kemaman	16,470	188,840	23,396	20,260	22,249	22,079	25,606	22,911	21,601	22,995
22	CR 503	282.0	Kuala Lumpur-Kuala Lipis-Kampung Padang Tuanku-Kota Bharu	5,726	6,134	6,605	6,609	6,159	6,253	7,758	7,513	6,985	7,319
23	CR 603	3.0	Pekan-Nenasi	6,450	6,513	6,774	5,746	7,783	8,650	10,737	10,319	11,563	11,535
24	CR 801	115.0	Kuantan-Karak	13,906	11,003	12,429	11,567	11,614	9,029	12,757	13,281	13,328	15,673
25	CR 805	189.0	Kuantan-Maran	8,871	6,832	6,800	6,587	6,761	6,980	8,049	7,088	6,952	6,714
26	CR 902	-	Kuantan-Segamat 400m Bkt. Ibam - Rompin junction north bound	6,828	6,634	6,708	7,316	11,634	8,102	9,270	9,545	8,763	9,314

SUMBER : KEMENTERIAN KERJA RAYA

Source : Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2005-2014 (SAMB.)
Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2005-2014 (Cont'd)

BIL No	STESEN Station	KM	LOKASI Location	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
KELANTAN													
27	DR 201	19.3	Kota Bharu - Melor	24,934	22,900	40,141	29,890	43,222	31,602	41,732	42,433	32,263	26,043
28	DR 603	6.1	Km Lebuhraya Timur-Barat	4,509	4,807	5,572	2,704	5,296	5,440	6,449	6,275	6,029	6,141
29	DR 802	61.5	Kota Bharu - Kuala Krai	14,502	16,932	19,526	18,707	19,521	20,632	24,538	23,381	21,200	22,523
JOHOR													
30	JR 101	142.0	Johor Bahru - Batu Pahat - Muar	11,577	11,086	12,172	10,736	12,735	11,162	12,882	14,847	18,659	15,491
31	JR 104	127.2	Johor Bahru - Yong Peng - Muar	10,052	17,891	27,608	32,094	33,381	25,916	44,101	23,361	34,672	32,757
32	JR 108	116.0	Johor Bahru - Segamat	10,030	11,281	12,558	12,732	12,869	12,262	14,327	12,369	11,628	11,521
33	JR 205	12.7	Johor Bahru - Skudai	191,864	199,433	187,687	407,454	218,035	221,084	234,729	162,454	189,292	191,427
34	JR 218	-	1000m east junction to Masai	51,142	45,330	42,184	86,914	46,426	49,309	44,470	47,563	26,552	26,502
35	JR 305	76.0	Johor Bahru - Ayer Hitam	13,590	15,248	15,381	14,708	15,261	14,810	16,383	15,398	13,911	15,847
36	JR 306	49.5	Batu Pahat - Ayer Hitam - Kluang	30,642	31,429	30,941	33,897	33,572	34,964	40,647	39,674	38,053	38,366
37	JR 404	38.6	Johor Bahru - Kota Tinggi	9,799	19,289	18,786	5,231	19,182	20,302	22,117	23,273	22,103	19,750
38	JR 501	135.2	Johor Bahru - Endau (2.4km north of Mersing town)	13,986	17,332	18,354	17,192	16,688	15,598	14,789	13,411	14,412	14,391
39	JR 503	111.1	Johor Bahru - Kota Tinggi - Jemaluang (500 m south of Jemaluang)	5,970	4,049	4,336	4,246	4,477	4,633	4,929	4,490	4,720	4,143
40	JR 702	60.0	Johor Bahru - Pontian Kecil - Pontian Besar (near Pontian Hospital)	14,191	20,095	13,299	17,789	14,480	14,406	13,338	16,772	15,061	14,678
41	JR 801	199.5	Johor Bahru - Segamat - Batu Anam	10,947	12,282	13,707	14,145	14,648	15,237	17,359	15,875	16,826	16,800
KEDAH													
42	KR 202	20.6	Alor Setar - Changlun	32,409	37,853	35,020	51,314	34,715	30,402	35,907	42,822	47,474	34,003
43	KR 401	70.8	Alor Setar - Sungai Petani - Butterworth	22,259	21,067	20,419	16,123	19,052	24,002	24,415	23,141	23,971	23,672
44	KR 501	29.0	Alor Setar - Sungai Petani	19,452	20,396	25,382	17,586	19,169	19,387	21,579	19,249	18,853	17,797
MELAKA													
45	MR 206	22.9	Melaka - Muar	23,019	24,404	15,027	14,057	15,501	15,679	18,068	17,044	16,779	17,112
46	MR 301	25.0	Melaka - Kendong	16,414	9,971	11,235	11,057	9,986	11,472	12,611	11,170	15,715	15,665
47	MR 313	43.5	Melaka - Lubok Cina	6,068	7,255	9,310	8,179	7,709	7,858	8,892	8,480	9,097	9,013

SUMBER : KEMENTERIAN KERJA RAYA

Source : Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2005-2014 (SAMB.)
Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2005-2014 (Cont'd)

BIL No	STESEN Station	KM	LOKASI Location	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
NEGERI SEMBILAN													
48	NR 304	21.7	Seremban - Port Dickson	41,561	4,709	59,699	68,327	67,092	65,580	50,821	54,394	59,864	62,112
49	NR 403	42.7	Seremban - Tampin	13,191	13,074	13,405	12,990	13,073	12,690	13,822	12,832	12,645	11,459
50	NR 501	20.0	Seremban - Kuala Lumpur	13,410	14,844	15,723	14,329	12,530	36,195	12,739	11,397	10,671	11,810
51	NR 505	9.3	Seremban - Tampin (500 m outside town area)	43,096	39,714	39,540	38,197	33,697	35,708	47,941	57,639	50,484	48,002
PULAU PINANG													
52	PR 116	16.9	Butterworth - Taiping	34,076	50,151	49,833	53,451	56,601	56,349	66,252	56,932	64,993	48,588
53	PR 201	11.1	Georgetown - Teluk Bahang (Jln. Keliling Pulau)	20,242	22,884	25,931	24,392	24,799	27,334	28,694	28,442	27,106	28,419
54	PR 203	57.2	Georgetown - Bayan Lepas - Gelugor (Jln. Keliling Pulau)	36,412	41,843	42,223	43,232	47,285	50,776	56,045	59,900	62,207	63,049
PERLIS													
55	RR 105	3.2	Kangar - Alor Setar (Melalui Simpang Empat)	10,056	9,823	21,939	20,769	21,321	21,758	25,557	25,577	26,155	25,092
KUALA TERENGGANU													
56	TR 103	61.5	K. Terengganu - Jerteh - Kota Bharu	18,805	19,007	20,255	23,357	21,313	24,196	28,106	27,325	27,066	19,490
57	TR 202	78.9	K. Terengganu - Dungun - Kemaman	11,688	20,955	26,801	23,463	29,051	28,602	33,038	27,856	29,864	28,124
58	TR 305	48.0	" Kuantan - K. Terengganu (Jln. Jabor-Jerangau) "	4,033	4,079	5,762	5,363	5,381	5,590	7,208	7,566	8,036	7,667
59	TR 402	17.0	K. Terengganu - Kuantan	11,594	24,524	25,042	24,933	24,852	25,887	30,196	29,532	31,227	31,686
60	TR 502	33.0	K. Terengganu - Kg. Ajil - Jerangau	11,149	12,216	11,448	13,132	14,701	14,695	13,914	10,092	8,715	8,739
KUALA LUMPUR													
61	WR 102	12.1	Kuala Lumpur - Ipoh	155,016	150,874	171,266	161,161	214,746	277,797	303,701	252,341	253,179	214,760
62	WR 103	8.1	Kuala Lumpur - Ipoh	185,828	206,484	202,018	205,867	194,287	196,796	230,146	203,277	216,424	192,223
63	WR 105	8.1	Kuala Lumpur - Seremban Expressway	226,019	245,799	265,025	229,713	213,522	201,260	211,914	213,161	206,140	219,336

SUMBER : KEMENTERIAN KERJA RAYA

Source : Ministry of Works

JADUAL 1.13 : PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2005-2014
Table 1.13 : Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2005-2014

BIL No	STESEN Station	KM	LOKASI Location	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
SABAH													
1	HR 101	4.8	Beaufort - Sindumin	5,805	7,042	12,391	7,454	4,811	4,924	6,562	5,422	5,694	6,508
2	HR 104	9.0	Tenom - Toman - Bekuku Highway	2,662	4,196	4,594	4,566	4,566	4,294	4,868	2,123	2,450	2,378
3	HR 201	22.5	Kota Kkinabalu - Papar	3,416	3,541	5,246	6,453	7,968	9,370	12,970	14,491	14,406	15,329
4	HR 202	8.1	Donggongan - Tambunan	4,326	4,751	4,607	3,578	3,701	3,835	4,269	3,353	3,839	4,478
5	HR 204	69.0	Kota Kinabalu - Kudat (100mm From Longtigi Junction)	4,738	7,913	11,703	9,855	9,450	11,189	12,252	9,953	13,909	11,923
6	HR 501	31.4	Tawau - Semporna	12,948	10,938	21,450	16,850	9,407	6,977	11,039	10,455	10,327	10,229
7	HR 504	14.5	Sg. Segama Crossing	3,339	7,140	7,732	6,987	6,781	8,294	9,560	7,641	9,407	8,739
8	HR 506	68.0	20km from Semporna towards Tawau	6,795	1,670	3,679	2,585	2,663	2,711	3,381	2,742	2,704	3,087
9	HR 507	82.0	Tawau - Sandakan (Near Kunak Junction)	6,831	7,820	8,315	7,168	8,600	11,141	12,796	9,706	7,831	7,699
SARAWAK													
10	SR 101	16.1	Bau - Semantan	3,466	2,457	2,838	3,188	3,143	3,091	3,854	5,780	3,512	3,582
11	SR 103	27.4	Kucing - Serian	26,599	22,781	21,696	22,225	24,564	30,616	34,223	32,889	27,987	32,808
12	SR 401	20.0	Bintulu - Sibn	5,952	6,779	6,986	7,250	9,808	10,957	15,972	4,342	4,476	5,125
13	SR 402	29.0	Bintulu - Miri	5,702	4,828	5,357	5,924	7,880	8,507	4,596	5,355	9,139	8,677
14	SR 403	6.2	Miri - Bintulu (before junction to Airport)	18,046	10,345	9,138	9,984	11,060	10,506	13,432	11,805	10,865	10,889
15	SR 503	1.6	Limbang - Brunei Border (Sg.Padaruan)	18,016	16,317	14,301	16,319	14,141	19,032	14,871	11,014	12,742	11,150
16	SR 504	1.6	Lawas - Trusan	4,399	3,935	5,344	4,519	5,139	3,653	7,351	6,448	7,243	7,200

SUMBER : KEMENTERIAN KERJA RAYA

Source : Ministry of Works

JADUAL 1.14 : KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2014*Table : Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2014*

BIL No	STESEN Station	LOKASI Location	16 JAM TRAFIK 16 Hours Traffic	JENIS KENDERAAN Type of Vehicle					
				KERETA/ TEKSI Car/ Taxi	LORI KECIL Light Lorry	LORI SEDERHANA Medium Lorry	LORI BESAR Heavy Lorry	BAS Bus	MOTOSIKAL Motorcycle
SEMANANJUNG MALAYSIA <i>Peninsular Malaysia</i>									
1	JR 204	Johor Bahru - Kulai	114,704	71.7	3.7	3.6	3.2	1.9	15.9
2	JR 501	Johor Bahru - Endau	14,412	54.2	6.7	6.7	3.5	0.8	28.2
3	NR 501	Seremban - Kuala Lumpur	10,671	60.6	9.0	8.2	4.6	0.9	16.7
4	PR 115	Butterworth - Taiping	44,684	55.6	6.3	6.7	2.6	0.6	28.3
5	AR 301	Ipoh - Kampar	28,520	61.5	7.7	8.0	3.7	1.2	17.9
6	KR 501	Alor Setar - Sungai Petani	18,853	56.6	6.4	6.5	3.9	0.6	26.1
7	CR 805	Kuantan - Maran	6,952	58.6	12.0	8.1	7.5	0.9	12.9
8	CR 902	Persimpangan Bukit Iban - Rompin Di Lebuhraya Kuantan - Segamat	8,763	53.4	17.8	8.7	9.7	0.5	9.9
9	TR 402	Kuala Terengganu - Kuantan	31,227	68.7	5.8	3.3	0.9	0.8	20.5
10	DR 802	Kota Bharu - Kuala Krai	21,200	55.9	18.5	7.7	3.0	0.7	14.2
10	DR 802	Kota Bharu - Kuala Krai	21,200	55.9	18.5	7.7	3.0	0.7	14.2
SABAH									
1	HR 201	Kota Kinabalu - Papar	14,406	58.3	22.1	8.5	3.8	1.0	6.4
12	HR 501	Tawau - Semporna	10,327	36.6	33.8	14.0	7.9	0.9	6.8
SARAWAK									
13	SR 103	Kuching - Serian	27,987	55.8	9.1	7.4	6.6	1.3	19.7
14	SR 402	Bintulu - Miri	9,139	35.9	31.5	8.5	16.1	2.0	6.0

SUMBER : KEMENTERIAN KERJA RAYA*Source : Ministry of Works*

JADUAL 1.15 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2005–2014
Table 1.15 : Total Road Accidents by States, Malaysia, 2005-2014

NEGERI State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
PERLIS	1,037	1,160	1,364	1,417	1,633	1,548	1,791	1,881	1,895	1,888
KEDAH	14,484	15,505	16,172	16,520	17,701	17,966	19,699	19,935	20,228	20,159
PULAU PINANG	30,934	32,573	33,881	34,049	33,719	34,306	37,158	37,851	39,361	38,747
PERAK	27,225	27,432	29,203	30,539	32,327	32,072	33,506	34,714	35,408	35,131
SELANGOR	87,705	90,632	99,157	100,380	107,429	115,565	128,876	129,106	135,024	137,809
W.P. KUALA LUMPUR	45,000	46,254	49,454	48,671	51,942	53,493	58,795	61,872	64,527	63,535
NEGERI SEMBILAN	14,461	15,197	16,079	17,362	18,369	19,407	21,157	22,146	23,066	23,748
MELAKA	10,321	10,707	11,720	12,105	13,275	14,110	14,720	15,195	16,083	16,375
JOHOR	42,606	43,757	46,584	48,667	51,747	55,381	59,501	62,316	64,600	64,473
PAHANG	13,381	13,242	13,982	15,548	17,068	17,315	19,001	20,554	20,130	19,071
KELANTAN	7,126	7,337	8,116	8,842	9,549	9,707	9,603	9,968	9,748	10,326
TERENGGANU	7,078	7,098	8,155	8,814	10,118	10,106	10,684	10,861	10,996	9,383
SABAH	12,760	13,550	14,256	14,588	15,798	16,192	16,585	17,446	17,438	17,858
SARAWAK	14,209	14,808	15,196	15,488	16,655	17,253	17,964	18,578	18,700	17,693
JUMLAH Total	328,327	339,252	363,319	372,990	397,330	414,421	449,040	462,423	477,204	476,196

SUMBER : POLIS DIRAJA MALAYSIA

Source : Royal Malaysian Police

JADUAL 1.16 : JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 2005-2014*Table 1.16 : Total Motor Vehicles Involved in Road Accidents by Type of Vehicle, Malaysia, 2005-2014*

TAHUN Year	MOTOSIKAL Motorcycle	MOTOKAR Motocar	VAN Van	BAS Bus	LORI Lorry	PEMACU 4 RODA Four Wheel Drive	TEKSI Taxi	BASIKAL Bicycle	LAIN-LAIN Others	JUMLAH Total
2005	97,072	376,061	19,085	8,594	42,062	19,106	7,043	2,751	9,362	581,136
2006	104,107	411,444	20,428	9,700	44,767	20,885	7,751	2,834	12,266	634,182
2007	111,765	426,941	21,109	10,285	47,696	21,823	8,809	2,690	14,909	666,027
2008	111,819	435,665	20,392	9,356	48,250	22,793	8,769	2,463	11,571	671,078
2009	113,962	472,307	19,220	9,380	46,724	23,581	8,669	2,486	9,294	705,623
2010	120,156	511,861	18,788	9,580	50,438	25,777	9,899	2,178	11,756	760,433
2011	129,017	546,702	17,916	9,986	53,078	30,828	11,197	2,033	16,394	817,151
2012	130,080	655,813	15,143	10,617	42,158	32,891	11,680	1,310	21,540	921,232
2013	121,700	632,602	17,148	10,123	39,276	52,512	11,651	1,370	15,441	901,823
2014	125,712	617,578	15,041	9,193	37,481	41,464	10,856	1,275	27,743	886,343

SUMBER : POLIS DIRAJA MALAYSIA*Source : Royal Malaysian Police*

JADUAL 1.17 : JUMLAH KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT TAHUN DAN NEGERI, MALAYSIA, 2005–2014
Table 1.17 : Total Deaths Caused by Road Accidents by Year and States, Malaysia, 2005-2014

NEGERI State	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
PERLIS	63	63	41	69	90	66	79	71	72	61
KEDAH	482	494	492	496	550	532	515	548	517	525
PULAU PINANG	371	381	376	354	395	370	392	400	381	378
PERAK	713	726	811	829	829	820	811	753	770	750
SELANGOR	1,064	1,050	1,025	1,083	976	1,061	1,070	1,102	1,019	1,068
W.P. KUALA LUMPUR	231	255	234	237	230	233	236	249	243	238
NEGERI SEMBILAN	351	337	320	389	377	399	374	352	396	379
MELAKA	227	232	227	243	248	235	240	243	258	236
JOHOR	1,022	1,017	1,023	1,065	1,060	1,076	1,073	1,073	1,128	1,018
PAHANG	448	451	437	446	512	574	563	540	592	539
KELANTAN	292	331	374	380	453	380	392	392	378	354
TERENGGANU	271	307	290	293	348	314	292	301	320	276
SABAH	319	296	316	325	345	447	398	450	420	420
SARAWAK	346	347	316	318	332	365	442	443	421	432
JUMLAH Total	6,200	6,287	6,282	6,527	6,745	6,872	6,877	6,917	6,915	6,674

SUMBER : POLIS DIRAJA MALAYSIA

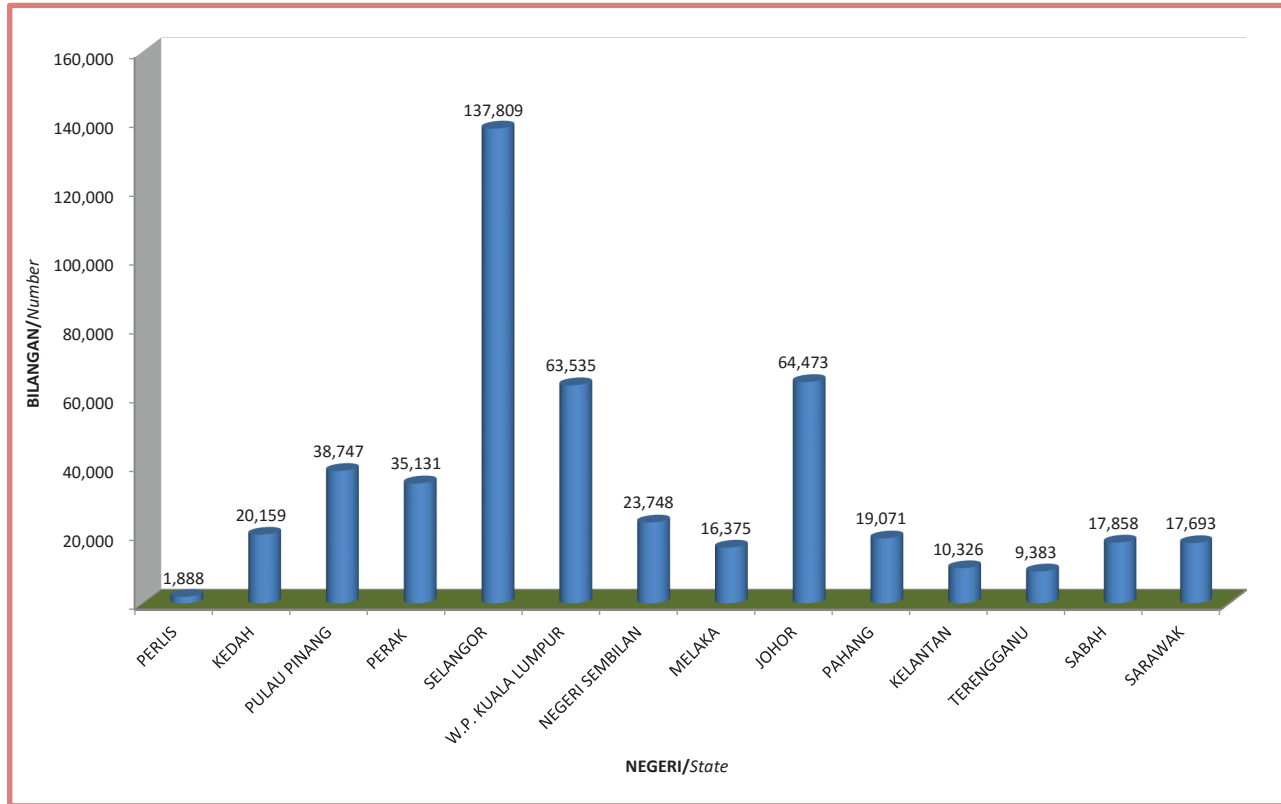
Source : Royal Malaysian Police

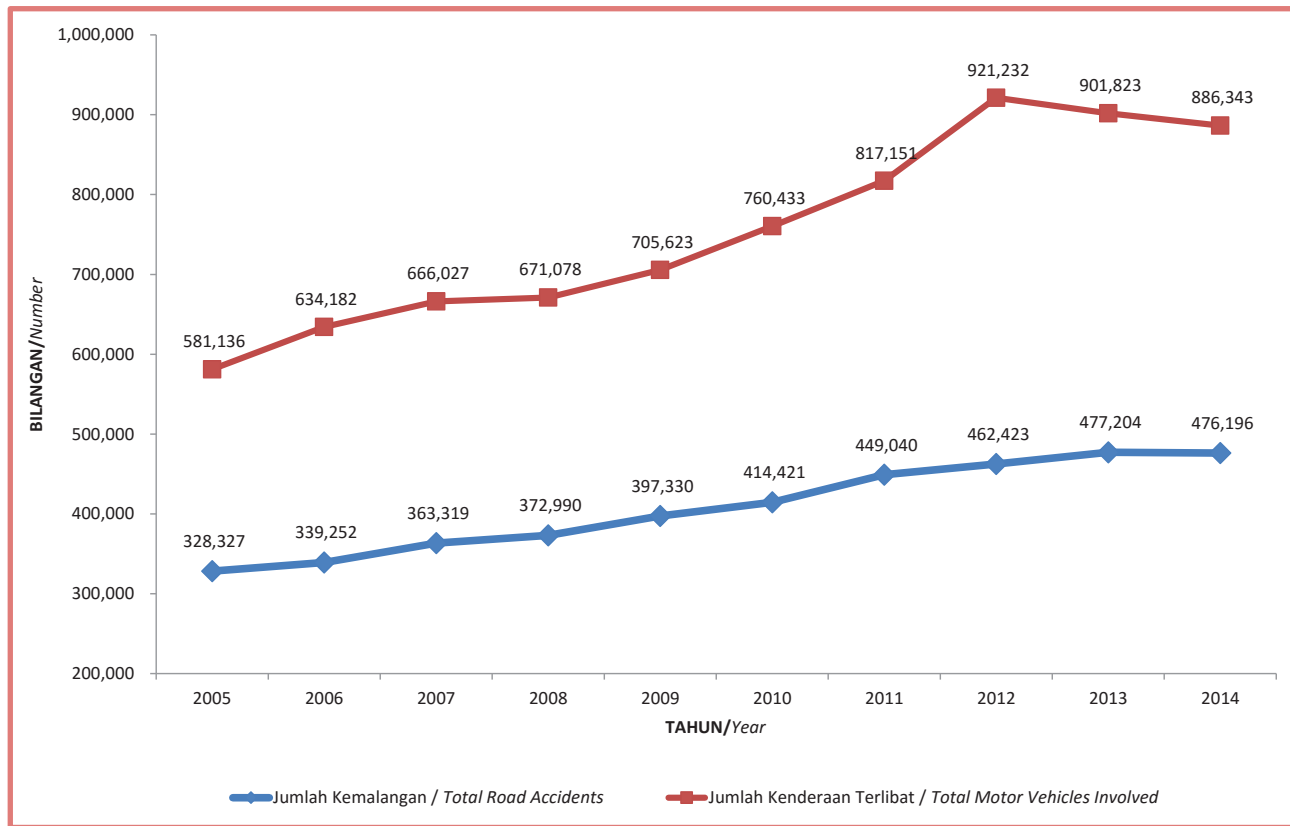
JADUAL 1.18 : JUMLAH KECEDEeraan DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2005–2014*Table 1.18 : Total Casualties and Deaths Caused by Road Accidents, Malaysia, 2005-2014*

TAHUN <i>Year</i>	JUMLAH KEMALANGAN <i>Total Number of Accidents</i>	KECEDEeraan DAN KEMATIAN <i>Casualties</i>			
		MATI <i>Death</i>	PARAH <i>Serious</i>	RINGAN <i>Minor</i>	JUMLAH <i>Total</i>
2005	328,264	6,200	9,397	31,429	47,026
2006	339,252	6,287	9,254	19,884	35,425
2007	363,319	6,282	9,273	18,444	33,999
2008	372,990	6,527	8,866	16,901	32,294
2009	397,330	6,745	8,849	15,823	31,417
2010	414,421	6,872	7,781	13,616	28,269
2011	449,040	6,877	6,328	12,365	25,570
2012	462,423	6,917	5,868	11,654	24,439
2013	477,204	6,915	4,597	8,388	19,900
2014	476,196	6,674	4,432	8,598	19,704

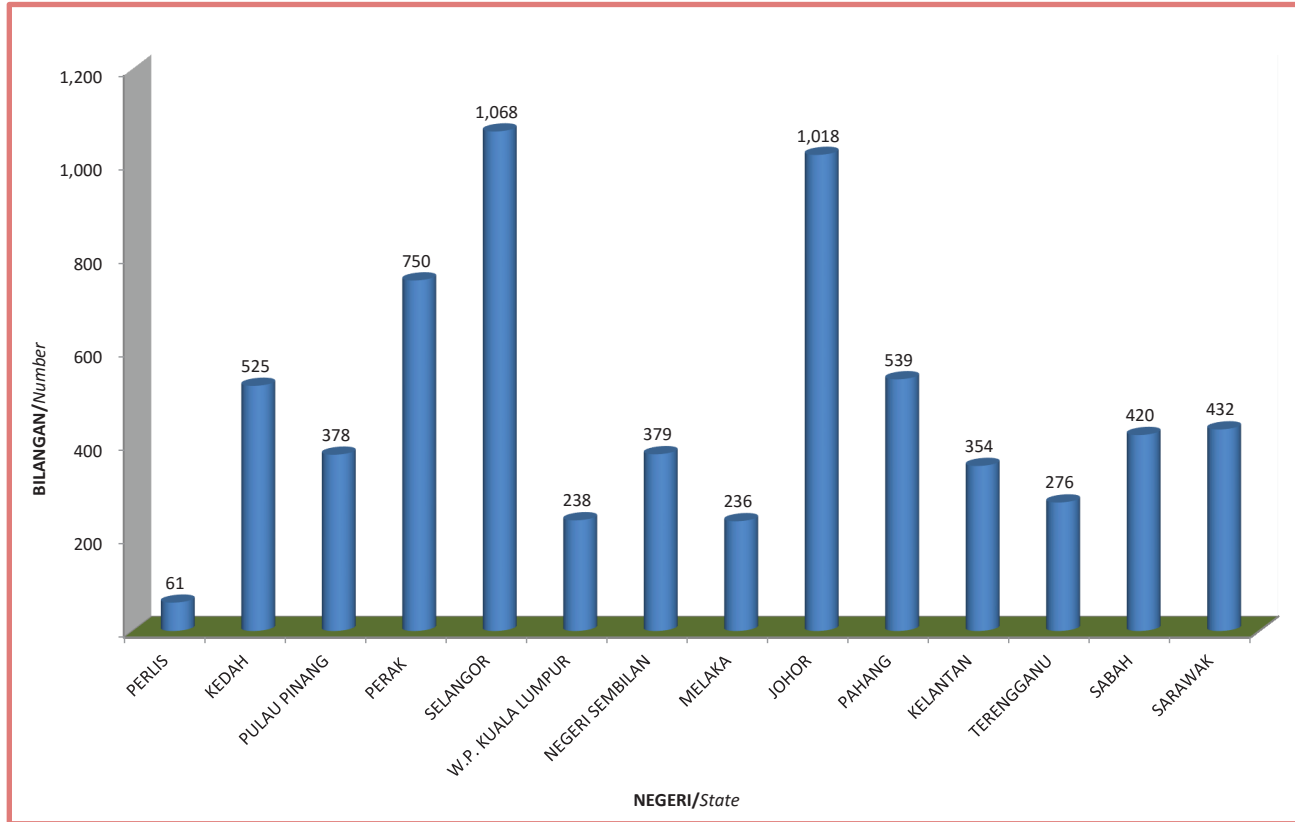
SUMBER : POLIS DIRAJA MALAYSIA*Source : Royal Malaysian Police*

CARTA 1.5 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2014
Chart 1.5 : Total Road Accidents by States, Malaysia, 2014

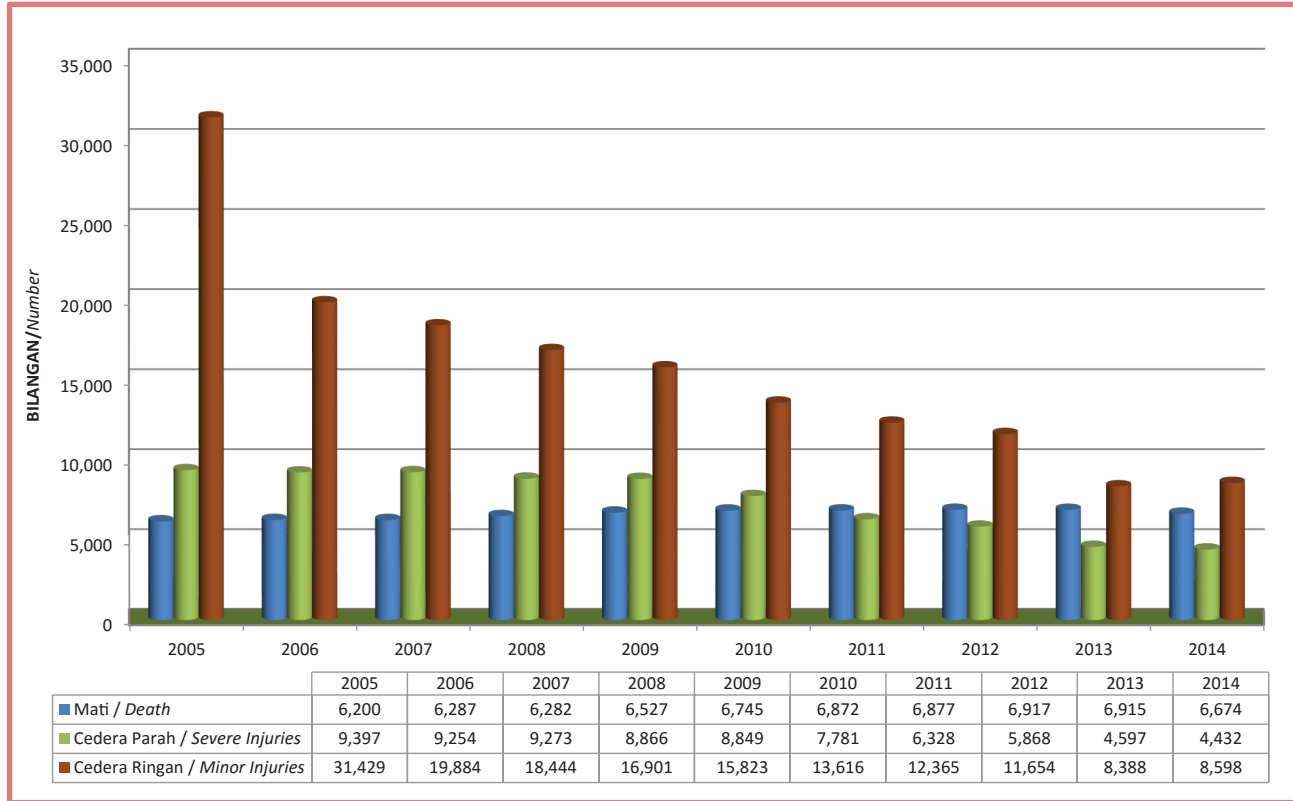


CARTA 1.6 : JUMLAH KEMALANGAN JALAN RAYA DAN KENDERAAN TERLIBAT, MALAYSIA, 2005-2014*Chart 1.6 : Total Road Accidents and Motor Vehicles Involved, Malaysia, 2005-2014*

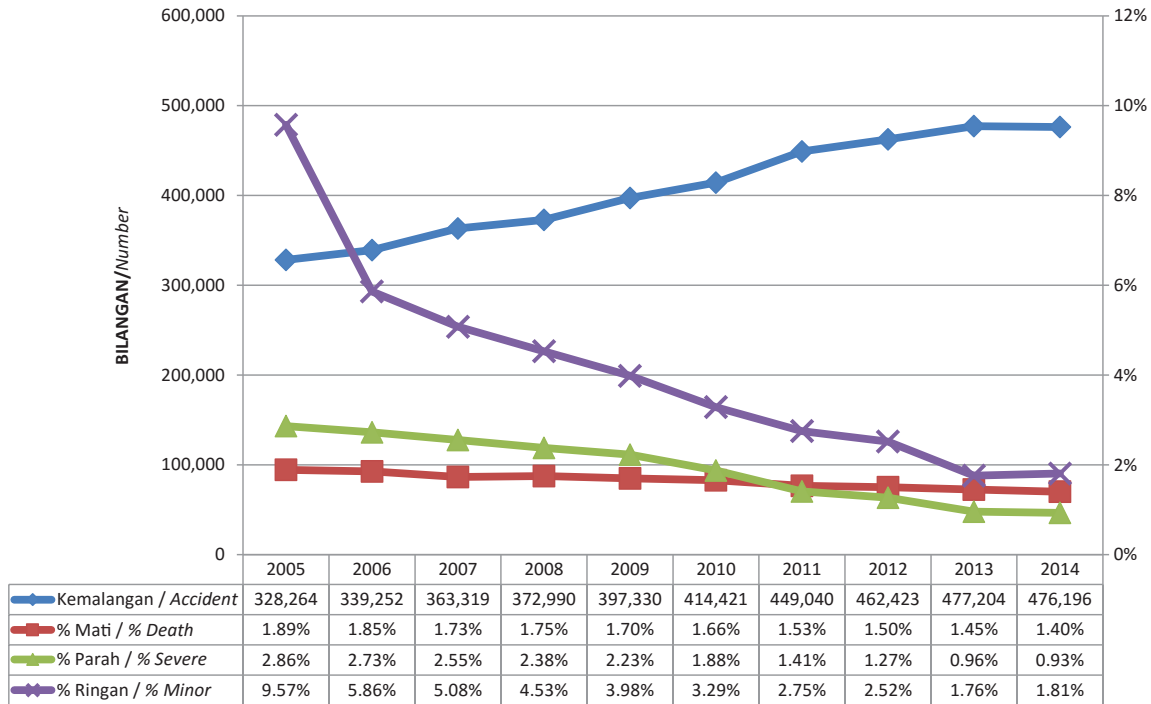
CARTA 1.7 : KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2014
Chart 1.7 : Deaths Caused by Road Accidents by States, Malaysia, 2014



CARTA 1.8 : KECEDERAAN DAN KEMATIAN DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2005-2014
Chart 1.8 : Casualties and Deaths Caused by Road Accidents, Malaysia, 2005-2014



CARTA 1.9 : KEMALANGAN, PERATUS KECEDEeraan DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2005-2014
Chart 1.9 : Total Accidents, Percentage of Casualties and Deaths Caused by Road Accidents, Malaysia, 2005-2014





PENGANGKUTAN DARAT REL

Rail Land Transport

JADUAL 2.1 : STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2005-2014
Table 2.1 : Malayan Railways Limited Traffic Statistics, 2005-2014

TAHUN Year	PERKHIDMATAN KERETAPI <i>Rail Services</i>					KTM KOMUTER <i>KTM Commuter</i>		TREN SET ELEKTRONIK <i>Electronic Train Set (ETS)</i>		
	PENUMPANG <i>Passenger</i>		BARANGAN <i>Freight</i>		KONTENA <i>Container</i>	PENUMPANG <i>Passenger</i>		PENUMPANG <i>Passenger</i>		
	BIL No (' 000)	KM PENUMPANG <i>Passenger</i> Km (' 000,000)	TONNE Tonnes (' 000)	TONNE KM Tonnes Km (' 000,000)	TEU Teus	BIL No (' 000)	RINGGIT MALAYSIA <i>Malaysia</i> Ringgit (RM)	BIL No (' 000)	KM PENUMPANG <i>Passenger</i> Km (' 000,000)	RINGGIT MALAYSIA <i>Malaysia</i> Ringgit (RM)
2005	3,675	1,181	4,031	1,178	310,011	30,935	73,804,146	*	*	*
2006	3,794	1,237	4,440	1,402	339,037	34,975	84,656,211	*	*	*
2007	3,714	1,309	4,670	1,355	333,688	36,959	89,199,445	*	*	*
2008	3,971	1,468	4,824	1,350	203,939	36,557	88,621,721	*	*	*
2009	4,267	1,522	5,230	1,384	266,722	34,683	83,145,452	*	*	*
2010	4,216	1,529	5,431	1,483	238,251	34,995	82,631,250	215	53	5,569,532
2011	3,686	1,426	5,914	1,535	282,352	35,510	82,860,126	913	226	24,313,451
2012	3,056	1,216	6,096	1,564	331,870	34,847	79,268,057	1,180	276	31,885,949
2013	2,703	1,081	6,622	1,760	343,395	43,942	105,250,159	1,563	371	40,621,860
2014	2,223	618	7,136	1,741	318,033	46,957	112,853,011	1,692	323	44,328,039

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Malayan Railways Limited

JADUAL 2.2 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2005-2014
Table 2.2 : Number of Passengers and Passenger Kilometres by Classes, 2005-2014

TAHUN Year	BILANGAN PENUMPANG <i>Number of Passengers</i> ('000)				KILOMETER PENUMPANG <i>Passenger Kilometres</i> ('000,000)			
	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>
2005	92.7	1,482.0	2,101.0	3,675.7	44.2	616.1	521.1	1,181.4
2006	88.0	1,420.0	2,286.0	3,794.0	41.6	616.5	579.0	1,237.1
2007	98.0	1,444.0	2,172.0	3,714.0	47.0	652.0	611.0	1,310.0
2008	123.0	1,690.0	2,161.0	3,974.0	57.0	756.0	655.0	1,468.0
2009	114.0	2,014.0	2,139.0	4,267.0	50.0	829.0	642.0	1,521.0
2010	121.5	2,224.4	1,870.6	4,216.5	51.3	955.0	522.6	1,528.9
2011	134.0	2,199.6	1,351.6	3,685.2	59.8	1,010.6	355.3	1,425.6
2012	134.6	1,943.5	977.9	3,056.0	59.1	911.7	245.3	1,216.1
2013	124.4	1,857.2	721.2	2,702.8	52.0	856.3	172.6	1,080.9
2014	119.6	1,574.8	528.3	2,222.7	33.7	494.1	90.0	617.8

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Malayan Railways Limited

JADUAL 2.3 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2005-2014
 Table 2.3 : Number of Passengers and Passenger Kilometres for Express Services, 2005-2014

TAHUN Year	EKSPRESS / Express RAKYAT								EKSPRESS / Express SINARAN							
	BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger KM ('000,000)				BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger KM ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total
2005	27.0	233.0	-	260.0	12.5	95.6	-	108.1	27.0	172.0	7.0	206.0	10.4	67.8	3.6	81.8
2006	27.5	230.5	-	258.0	12.1	92.4	-	104.5	26.1	180.3	3.4	209.8	9.9	69.0	1.7	80.6
2007	30.0	228.0	-	258.0	9.0	52.0	-	61.0	29.0	205.0	13.0	247.0	6.0	42.0	2.0	50.0
2008	51.0	322.0	-	373.0	22.0	136.0	-	158.0	34.0	212.0	22.0	268.0	12.0	84.0	8.0	104.0
2009	47.0	320.0	-	367.0	19.0	131.0	-	150.0	29.0	234.0	31.0	294.0	10.0	83.0	10.0	103.0
2010	46.0	335.0	-	381.0	14.0	134.0	-	148.0	26.0	208.0	1.0	235.0	9.4	75.0	0.4	84.8
2011	43.0	349.0	-	392.0	17.3	146.0	-	163.3	35.8	332.9	-	368.7	13.2	123.7	-	136.9
2012	38.0	290.0	-	328.0	12.0	120.0	-	132.0	36.0	318.0	-	354.0	12.0	122.0	-	134.0
2013	43.0	320.0	-	363.0	14.0	126.0	-	140.0	24.0	184.0	-	208.0	8.1	68.0	-	76.1
2014	70.0	299.0	-	369.0	24.0	110.0	-	134.0	36.0	141.0	-	177.0	12.0	44.0	-	56.0
TAHUN Year	EKSPRESS / Express LANGKAWI								EKSPRESS / Express WAU							
	BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger KM ('000,000)				BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger KM ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total
2005	13.0	182.0	312.0	507.0	6.0	78.0	96.2	180.2	9.0	138.0	301.0	448.0	4.1	74.6	157.7	236.4
2006	10.8	178.4	378.6	567.8	5.0	81.2	123.0	209.2	7.6	140.3	313.9	461.8	3.6	74.2	164.8	242.6
2007	11.0	184.0	387.0	582.0	3.0	47.0	62.0	112.0	7.0	149.0	299.0	455.0	2.0	43.0	92.0	137.0
2008	12.0	208.0	407.0	627.0	6.0	98.0	136.0	240.0	11.0	165.0	307.0	483.0	5.0	89.0	166.0	260.0
2009	11.0	209.0	387.0	607.0	4.0	116.0	137.0	257.0	12.0	169.0	280.0	461.0	7.0	94.0	160.0	261.0
2010	9.1	204.0	264.0	477.1	5.4	105.0	101.0	211.4	10.4	183.0	249.0	442.4	9.1	106.0	136.6	251.7
2011	9.7	211.1	167.3	388.1	4.9	112.0	64.8	181.7	8.7	203.4	210.1	422.2	5.5	120.1	117.8	243.4
2012	10.2	215.0	151.0	376.2	5.2	117.0	57.0	179.2	8.3	203.0	168.0	379.3	4.6	121.0	90.0	215.6
2013	10.5	269.0	121.0	400.5	5.4	139.0	43.0	187.4	8.0	231.0	102.0	341.0	4.3	130.0	51.0	185.3
2014	2.3	292.0	97.0	391.3	1.2	141.0	36.0	178.2	1.5	206.0	84.0	291.5	0.7	114.0	38.0	152.7

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Malayan Railways Limited

JADUAL 2.3 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2005-2014 (SAMB.)
Table 2.3 : Number of Passengers and Passenger Kilometres for Express Services, 2005-2014 (Cont'd)

TAHUN Year	EKSPRES / Express SENANDUNG SUTERA								EKSPRES / Express TIMURAN							
	BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger KM ('000,000)				BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger KM ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total
2005	13.0	182.0	312.0	507.0	6.0	78.0	96.2	180.2	9.0	138.0	301.0	448.0	4.1	74.6	157.7	236.4
2006	10.8	178.4	378.6	567.8	5.0	81.2	123.0	209.2	7.6	140.3	313.9	461.8	3.6	74.2	164.8	242.6
2007	11.0	184.0	387.0	582.0	3.0	47.0	62.0	112.0	7.0	149.0	299.0	455.0	2.0	43.0	92.0	137.0
2008	12.0	208.0	407.0	627.0	6.0	98.0	136.0	240.0	11.0	165.0	307.0	483.0	5.0	89.0	166.0	260.0
2009	6.0	247.2	0.5	253.7	6.0	116.1	0.2	122.3	-	281.0	263.0	544.0	-	144.0	130.0	274.0
2010	8.4	307.0	1.0	316.4	6.6	155.0	0.8	162.4	-	288.0	215.0	503.0	-	156.0	100.0	256.0
2011	16.7	246.3	-	263.0	9.7	136.9	-	146.6	3.9	293.4	116.8	414.1	2.8	162.8	62.3	227.9
2012	23.5	232.0	-	255.5	10.9	111.0	-	121.9	5.3	240.0	82.0	327.3	3.8	136.0	40.0	179.8
2013	25.0	248.0	-	273.0	11.6	113.0	-	124.6	-	246.0	71.0	317.0	-	137.0	36.0	173.0
2014	9.7	256.0	-	265.7	5.2	100.0	-	105.2	-	225.0	29.0	254.0	-	118.0	15.2	133.2

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Malayan Railways Limited

JADUAL 2.4 : TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2005-2014
Table : Freight Traffic by Type of Cargo, 2005-2014

JENIS KARGO Type of Cargo	(' 000)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
SIMEN & KLINKER <i>Cement & Clinker</i>	Tonne	1,026	1,220	1,355	1,474	1,704	1,814	2,224	2,353	2,594	2,358
	t km	293,139	308,121	356,299	390,869	531,335	605,926	732,170	800,581	926,262	794,218
KONTENA PERKAPALAN <i>Maritime Container</i>	Tonne	1,876	2,074	2,222	2,272	2,603	2,588	2,702	2,691	2,864	3,776
	t km	394,193	597,355	507,900	490,127	455,843	408,893	383,866	390,237	406,723	633,616
LANDBRIDGE <i>Landbridge</i>	Tonne	184	164	122	105	55	39	26	19	19	88
	t km	114,199	22,516	56,701	72,286	15,710	17,189	22,954	25,724	30,512	53,258
PETROL & MINYAK GALIAN <i>Petrol & Mineral Oil</i>	Tonne	57	62	75	45	-	-	-	-	-	-
	t km	17,763	19,714	23,964	13,935	-	-	-	-	-	-
MAKANAN & MINUMAN PROSES <i>Processed Food & Drink</i>	Tonne	358	363	421	433	476	487	459	417	413	418
	t km	267,898	278,419	323,857	315,429	319,811	308,923	221,428	168,725	169,418	187,878
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	1	1	-	-	-	-	-	-	-	-
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	58	21	10	11	6	2	0	-	-	-
	t km	12,654	1,133	182	1,573	102	38	2	-	-	-
KIMIA <i>Chemicals</i>	Tonne	309	370	386	347	259	298	287	337	341	377
	t km	20,682	22,602	23,611	21,935	18,390	22,422	19,770	19,774	21,047	25,256
MINYAK MAKAN <i>Edible Oil</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN <i>Others</i>	Tonne	204	174	166	138	130	204	216	279	390	118
	t km	57,082	68,107	62,723	44,244	42,916	119,294	155,284	159,253	205,671	47,236
JUMLAH	Tonne	4,072	4,448	4,757	4,825	5,233	5,432	5,915	6,096	6,621	7,135
<i>Total</i>	<i>t km</i>	<i>1,177,611</i>	<i>1,317,968</i>	<i>1,355,237</i>	<i>1,350,398</i>	<i>1,384,107</i>	<i>1,482,685</i>	<i>1,535,474</i>	<i>1,564,294</i>	<i>1,759,633</i>	<i>1,741,462</i>

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Malayan Railways Limited

JADUAL 2.5 : JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 2005-2014
Table 2.5 : Goods Revenue by Type of Cargo, 2005-2014

JENIS KARGO <i>Type of Cargo</i>	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
SIMEN & KLINKER <i>Cement & Clinker</i>	19,345	20,857	24,345	26,200	29,350	32,421	41,627	45,036	50,722	55,807
KONTENA PERKAPALAN <i>Maritime Container</i>	35,526	40,216	46,520	43,871	47,583	47,217	48,132	48,324	52,607	56,453
LANDBRIDGE <i>Landbridge</i>	30,022	29,846	25,846	20,500	13,644	8,054	5,610	5,367	4,072	4,892
PETROL & MINYAK GALIAN <i>Petrol & Mineral Oil</i>	1,992	2,253	2,866	1,710	-	-	-	-	-	-
MAKANAN & MINUMAN PROSES <i>Processed Food & Drink</i>	9,196	9,583	11,770	11,706	12,047	12,436	12,232	10,743	10,606	12,764
BERAS, PADI & BRAN <i>Rice, Paddy & Bran</i>	-	-	-	-	-	-	-	-	-	-
GETAH <i>Rubber</i>	-	-	-	-	-	-	-	-	-	-
GETAH CECAIR <i>Latex</i>	-	-	-	-	-	-	-	-	-	-
KAYU BALAK <i>Logs</i>	-	27	-	-	-	-	-	-	-	-
KAYU GERGAJI <i>Swan Timber</i>	-	41	-	-	-	-	-	-	-	-
BIJIH & LAIN-LAIN GALIAN <i>Ore & Other Minerals</i>	905	211	98	99	72	23	1	-	-	-
KIMIA <i>Chemicals</i>	3,431	3,804	5,139	4,592	3,064	3,653	3,460	3,959	4,678	5,269
MINYAK MAKAN <i>Edible Oil</i>	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN <i>Others</i>	7,199	6,579	5,188	6,418	9,763	12,291	13,625	13,555	15,714	11,920
JUMLAH <i>Total</i>	107,616	113,417	121,772	115,096	115,523	116,095	124,687	126,984	138,399	147,105

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : *Malayan Railways Limited*

JADUAL 2.6 : DAFTAR LOKOMOTIF, 2005-2014
Table 2.6 : Locomotive Inventory, 2005-2014

TAHUN Year	LALUAN UTAMA Mainline								TREN SET ELEKTRIK Electric Train Set				ENJIN LANGSIR Shunting				JUMLAH Total
	HIDRAULIK KELAS 21 Class 21 Hydraulic	KELAS Class 22	KELAS Class 23	KELAS Class 24	KELAS Class 25	KELAS Class 26	KELAS Class 29	JUMLAH Total	REKAR (RELBAS) Rail-Car (Rail-Bus)	SET EMU EMU Sets	SET ETS ETS Sets	JUMLAH Total	LETRIK KELAS 15 Class 15 Electric	HIDRAULIK KELAS 16/17 Class 16/17 Hydraulic	LETRIK KELAS 18 Class 18 Electric	LETRIK KELAS 19 Class 19 Electric	
2005	-	10.0	15.0	26.0	17.0	20.0	-	88	-	58.0	-	58	-	-	-	10.0	10
2006	-	5.0	11.0	20.0	17.0	20.0	-	73	-	53.0	-	53	-	-	-	10.0	10
2007	-	5.0	11.0	26.0	17.0	20.0	-	79	-	58.0	-	58	-	-	-	10.0	10
2008	-	5.0	11.0	21.0	17.0	20.0	-	74	-	54.0	-	54	-	-	-	10.0	10
2009	-	4.0	11.0	18.0	17.0	20.0	20.0	90	-	58.0	-	58	-	-	-	10.0	10
2010	-	-	7.0	18.0	17.0	20.0	20.0	82	-	58.0	-	58	-	-	-	10.0	10
2011	-	-	7.0	18.0	17.0	20.0	20.0	82	-	67.0	5.0	72	-	-	-	10.0	10
2012	-	-	7.0	18.0	17.0	20.0	20.0	82	-	60.0	5.0	65	-	-	-	1.0	1
2013	-	-	7.0	18.0	17.0	20.0	20.0	82	-	50.0	5.0	55	-	-	-	0.0	-
2014	-	-	7.0	17.0	17.0	20.0	20.0	81	-	96.0	5.0	101	-	-	-	4.0	4

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Malayan Railways Limited

JADUAL 2.7 : DAFTAR KOC PENUMPANG, 2005-2014
Table 2.7 : Passenger Coaches Inventory, 2005-2014

YEAR Year	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>						
		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				
2005	70	324	2,288	1,258	124	200	2,640	3,700	-	-	-	-	194	524	4,928	4,958
2006	70	324	2,288	1,258	124	200	2,640	3,700	-	-	-	-	194	524	4,928	4,958
2007	40	288	1,456	296	96	112	2,768	2,220	-	-	-	-	136	400	4,224	2,516
2008	135	360	3,224	4,440	125	88	1,480	-	37	6	-	300	297	454	4,704	4,740
2009	111	360	4,320	2,146	51	184	1,480	-	12	-	200	76	174	544	6,000	2,222
2010	101	280	3,689	1,752	45	131	1,446	-	14	-	172	-	160	411	5,307	1,752
2011	101	280	3,689	1,752	45	131	1,446	-	14	-	172	-	160	411	5,307	1,752
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

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Malayan Railways Limited

JADUAL 2.8 : DAFTAR GERABAK BARANG, 2005-2014
Table 2.8 : Freight Wagon Inventory, 2005-2014

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>				
2005	263	2	242	245	-	3	12	1,937	4	999	3,707
2006	263	2	242	150	-	3	12	1,691	4	1,340	3,707
2007	243	2	231	107	-	2	12	1,765	3	1,231	3,596
2008	244	2	234	116	-	2	12	1,901	3	1,097	3,611
2009	110	1	211	99	-	1	-	1,913	2	936	3,273
2010	85	-	173	95	-	1	-	1,882	-	925	3,161
2011	70	-	170	84	-	1	-	1,879	-	932	3,136
2012	70	-	170	84	-	1	-	1,879	-	932	3,136
2013	42	-	157	74	-	1	-	1,811	-	876	2,961
2014	40	-	157	50	-	1	-	1,804	-	868	2,920

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

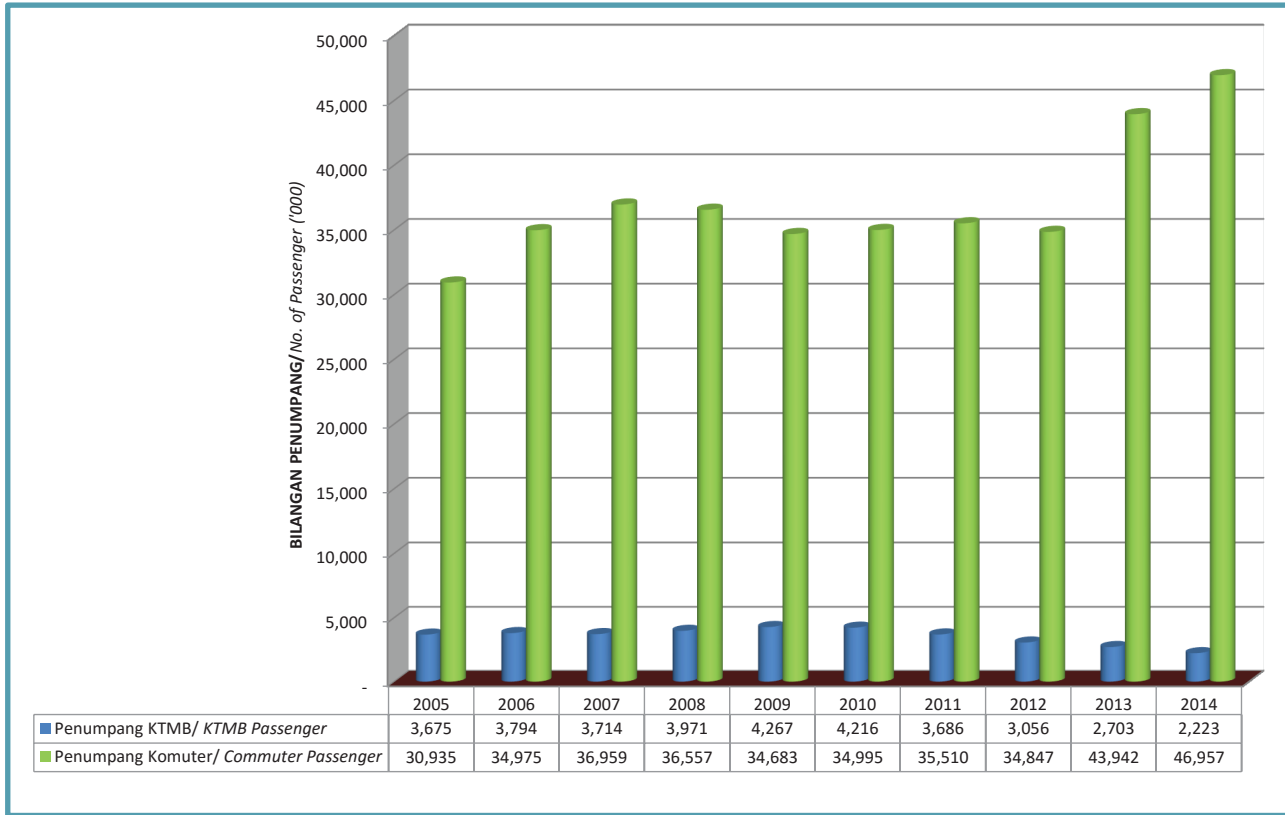
Source : *Malayan Railways Limited*

JADUAL 2.9 : BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2005-2014
Table 2.9 : Number of Passengers for Light Rail Transit (LRT) Services, 2005-2014

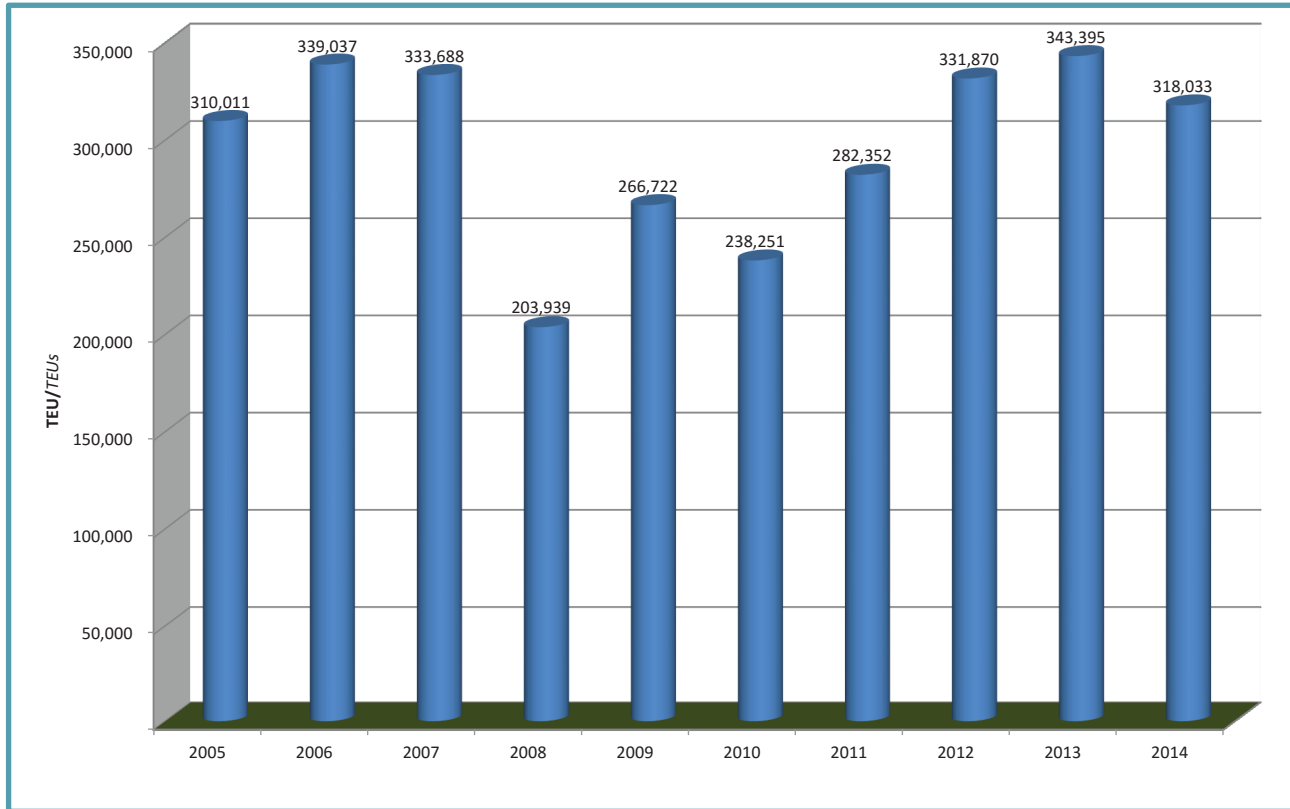
JENIS PERKHIDMATAN <i>Type of Services</i>	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
LALUAN KELANA JAYA	60,290,467	56,747,136	56,965,258	58,168,337	55,580,190	58,037,633	68,398,561	71,574,675	78,702,931	81,971,322
LALUAN AMPANG	45,636,997	49,727,909	52,434,883	51,009,480	49,375,077	51,572,177	53,568,672	56,809,978	60,207,397	63,270,432
KL MONORAIL	16,206,441	19,322,170	22,197,169	21,765,233	21,021,390	22,108,308	24,200,299	24,113,242	25,437,621	24,303,465
KLIA EKSPRES	2,075,105	1,839,226	1,780,384	1,578,706	1,419,827	1,508,734	1,581,476	1,649,410	2,063,419	2,928,302
KLIA TRANSIT	2,331,741	2,369,864	2,449,842	2,508,884	2,441,736	2,626,119	3,238,389	3,713,536	4,374,219	6,310,323

SUMBER/ Source : RAPID KL SDN.BHD, EXPRESS RAIL LINK SDN.BHD

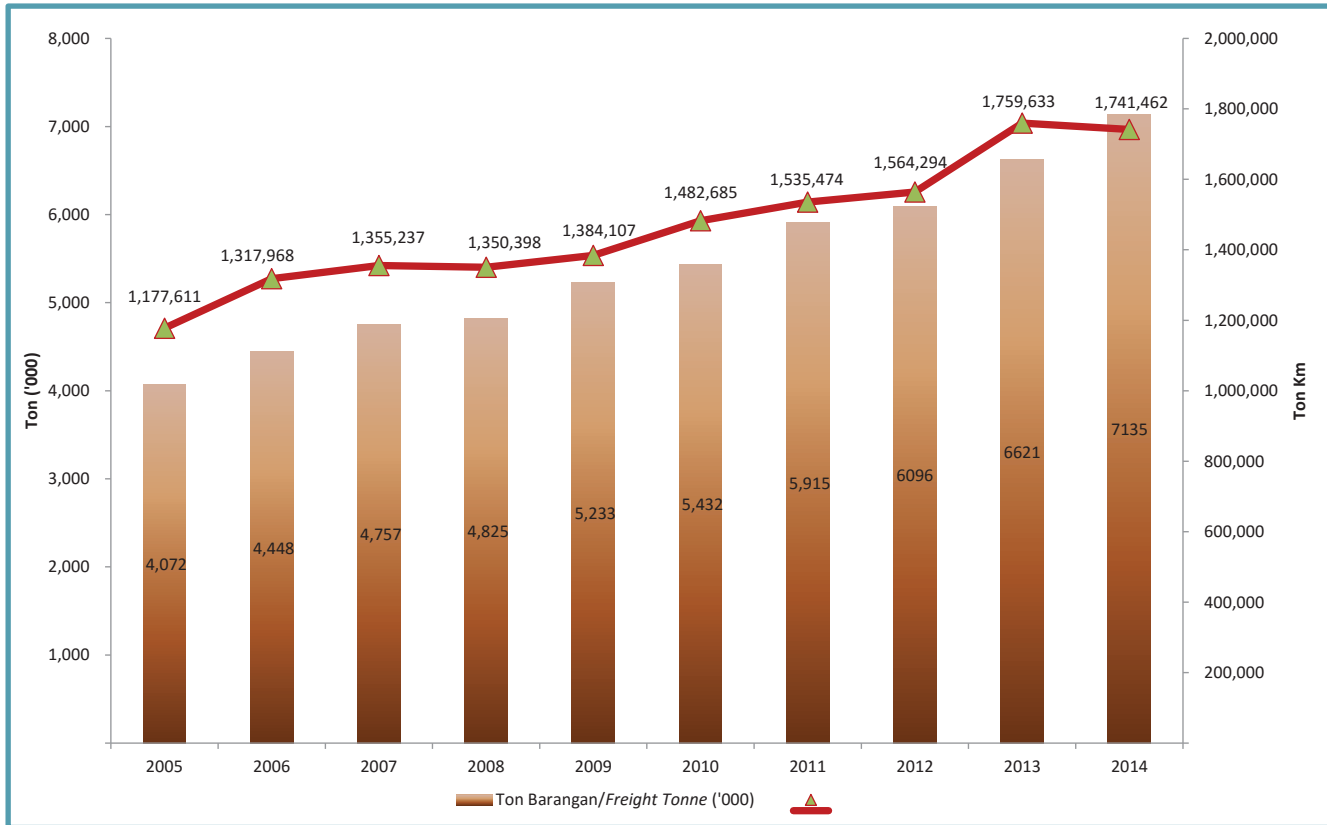
Carta 2.1 : BILANGAN PENUMPANG KTMB DAN KTM KOMUTER BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD, 2005-2014
Chart 2.1 : Number of KTMB and Commuter Passengers for Malayan Railways Limited, 2005-2014

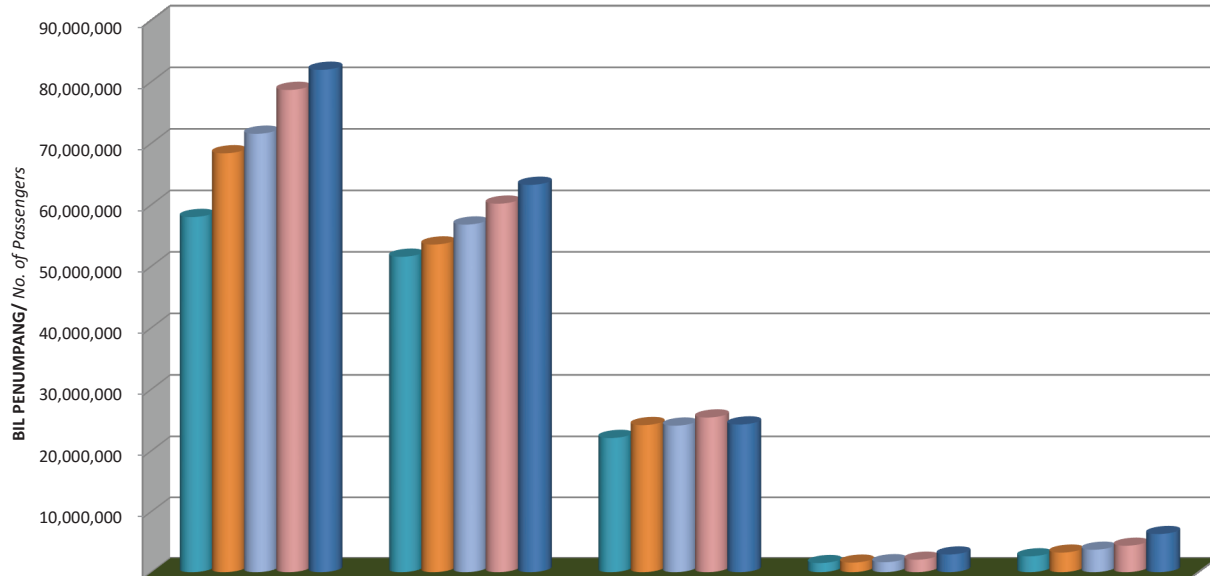


CARTA 2.2 : JUMLAH KONTENA YANG DIKENDALIKAN KERETAPI TANAH MELAYU BERHAD, 2005-2014
Chart 2.2 : Total Container Handled by Malayan Railways Limited, 2005-2014



CARTA 2.3 : TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2005-2014
Chart 2.3 : Freight Traffic for Malayan Railways Limited, 2005-2014



CARTA 2.4 : BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2010-2014*Chart 2.4 : Number of Passengers for Light Rail Transit (LRT) Services, 2010-2014*

	LALUAN KELANA JAYA	LALUAN AMPANG	KL MONORAIL	KLIA EKSPRES	KLIA TRANSIT
■ 2010	58,037,633	51,572,177	22,108,308	1,508,734	2,626,119
■ 2011	68,398,561	53,568,672	24,200,299	1,581,476	3,238,389
■ 2012	71,574,675	56,809,978	24,113,242	1,649,410	3,713,536
■ 2013	78,702,931	60,207,397	25,437,621	2,063,419	4,374,219
■ 2014	81,971,322	63,270,432	24,303,465	2,928,302	6,310,323



PENGANGKUTAN MARITIM

Maritime Transport

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014
Table 3.1 : Total Cargo Throughput by Port Malaysia, 2005-2014

('000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
1	KELANG	EKSPORT Export	46,624	56,330	62,730	70,342	65,339	78,930	89,517	90,551	90,423	95,559	
		IMPORT Import	63,035	65,674	72,784	82,007	72,353	93,027	104,651	107,356	109,855	121,730	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	109,659	122,004	135,514	152,349	137,692	171,957	194,168	197,907	200,278	217,289	
2	PULAU PINANG	EKSPORT Export	10,664	9,526	12,524	10,707	10,531	12,434	12,870	12,894	12,934	12,865	
		IMPORT Import	12,899	13,371	14,698	14,967	13,251	15,861	15,899	15,918	16,497	16,421	
		PINDAH KAPAL Trans-shipment	3	-	269	325	496	551	620	515	650	761	
		JUMLAH Total	23,566	22,897	27,491	25,999	24,278	28,846	29,390	29,328	30,081	30,047	
3	JOHOR	EKSPORT Export	13,779	13,305	11,289	14,211	11,601	11,585	11,774	10,494	10,402	10,728	
		IMPORT Import	14,789	14,162	17,553	15,561	13,633	16,544	20,900	15,415	16,577	16,575	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	28,568	27,467	28,842	29,772	25,234	28,129	32,674	25,909	26,979	27,303	
4	KUANTAN	EKSPORT Export	5,019	6,555	6,188	5,574	6,835	8,050	11,073	12,021	15,099	17,001	
		IMPORT Import	4,392	4,118	3,877	3,831	3,438	4,030	4,133	4,043	4,233	4,365	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	9,411	10,673	10,065	9,405	10,273	12,079	15,207	16,064	19,332	21,367	

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014 (SAMB.)*Table 3.1 : Total Cargo Throughput by Port Malaysia, 2005-2014 (Cont'd)*

('000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
5	BINTULU	EKSPORT Export	32,580	31,731	31,255	34,724	33,302	34,777	36,138	35,134	37,652	38,149	
		IMPORT Import	2,516	2,755	2,833	3,446	3,128	3,854	4,252	4,888	4,824	5,644	
		PINDAH KAPAL Trans-shipment	1,345	2,020	4,497	2,301	2,014	1,995	1,313	1,136	1,329	1,602	
		JUMLAH Total	36,441	36,506	38,585	40,471	38,444	40,625	41,703	41,158	43,805	45,395	
6	TANJUNG BRUAS	EKSPORT Export	8	7	-	14	25	37	82	115	177	144	
		IMPORT Import	442	399	606	543	437	414	361	304	301	299	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	450	406	606	557	463	451	443	420	477	443	
7	KUCHING	EKSPORT Export	1,979	1,977	2,343	2,136	1,815	2,144	2,148	1,875	2,183	2,284	
		IMPORT Import	5,488	5,204	5,272	5,347	5,077	6,069	6,532	7,314	7,395	6,851	
		PINDAH KAPAL Trans-shipment	22	22	32	68	-	-	-	-	-	-	
		JUMLAH Total	7,489	7,203	7,647	7,551	6,892	8,213	8,679	9,189	9,578	9,134	
8	MIRI	EKSPORT Export	4,589	5,246	6,318	6,155	5,028	5,410	4,908	4,823	5,563	5,226	
		IMPORT Import	457	369	521	684	605	746	865	842	866	697	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	
		JUMLAH Total	5,046	5,615	6,839	6,839	5,633	6,156	5,773	5,665	6,429	5,923	

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

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014 (SAMB.)*Table 3.1 : Total Cargo Throughput by Port Malaysia, 2005-2014 (Cont'd)*

('000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
9	RAJANG	EKSPORT Export	3,376	3,476	3,433	3,404	3,191	3,506	3,225	1,649	613	453	
		IMPORT Import	1,347	1,357	1,540	1,604	1,546	1,680	1,825	1,614	1,513	1,325	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	4,723	4,833	4,973	5,008	4,737	5,186	5,050	3,263	2,126	1,778	
10	SABAH	EKSPORT Export	15,857	16,902	16,493	16,493	14,095	14,963	14,595	13,852	13,931	14,308	
		IMPORT Import	10,317	11,238	12,660	12,660	10,675	13,426	13,340	13,851	13,487	14,064	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	26,174	28,140	29,153	29,153	24,770	28,389	27,936	27,703	27,418	28,372	
11	PORT DICKSON	EKSPORT Export	3,293	6,797	4,302	3,047	3,072	2,372	2,114	2,613	2,928	2,470	
		IMPORT Import	8,808	5,250	8,493	8,810	10,976	10,285	11,256	11,755	10,179	9,542	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	12,101	12,047	12,795	11,857	14,048	12,657	13,370	14,368	13,107	12,013	
12	KEMAMAN	EKSPORT Export	1,427	1,163	1,806	1,713	1,834	1,944	2,062	3,432	2,506	2,655	
		IMPORT Import	1,593	2,138	1,992	2,200	1,889	2,364	1,936	3,249	1,853	2,208	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	3,020	3,301	3,798	3,913	3,723	4,308	3,998	6,681	4,359	4,864	

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014 (SAMB.)
Table 3.1 : Total Cargo Throughput by Port Malaysia, 2005-2014 (Cont'd)

(‘000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
13	TELUK EWA	EKSPORT Export	3,046	3,185	3,208	3,379	3,381	3,223	3,057	3,237	3,473	3,059	
		IMPORT Import	537	573	555	744	637	729	788	696	706	717	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	3,583	3,758	3,763	4,123	4,019	3,952	3,845	3,933	4,180	3,776	
14	TANJUNG PELEPAS	EKSPORT Export	2,537	2,854	2,926	3,349	3,322	3,587	4,727	5,187	5,178	5,393	
		IMPORT Import	627	728	754	1,378	1,312	1,224	1,259	1,412	1,584	1,823	
		PINDAH KAPAL Trans-shipment	56,357	65,194	80,009	83,212	85,813	92,845	106,803	109,658	113,286	124,314	
		JUMLAH Total	59,521	68,776	83,689	87,939	90,447	97,656	112,788	116,256	120,048	131,529	
	JUMLAH BESAR Grand Total	EKSPORT Export	144,778	159,054	164,815	175,248	163,372	182,961	198,290	197,878	203,063	210,295	
		IMPORT Import	127,247	127,336	144,138	153,782	138,957	170,253	187,997	188,656	189,868	202,260	
		PINDAH KAPAL Trans-shipment	57,727	67,236	84,807	85,906	88,323	95,392	108,736	111,309	115,265	126,677	
		JUMLAH Total	329,752	353,626	393,760	414,936	390,653	448,605	495,024	497,843	508,197	539,233	

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.2 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2014
Table 3.2 : Total Cargo Throughput by Port and Type, Malaysia, 2014

(‘000) FREIGHTWEIGHT 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 DI DALAM KONTENA <i>Containerised 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 LUAR NEGERI <i>Foreign Trade</i>			
KELANG	9,423	907	4,354	1,858	5,840	3,587	25,969	191,320	217,289
PULAU PINANG	735	3,417	522	4,088	521	872	10,155	19,892	30,047
JOHOR	-	-	-	-	-	-	27,303	-	27,303
KUANTAN	10,633	21	3,672	780	3,955	179	19,241	2,126	21,367
BINTULU	3,092	301	30,185	4,759	2,168	385	40,890	4,505	45,395
TANJUNG BRUAS	10	-	15	18	399	2	443	-	443
KUCHING	648	16	640	356	859	1,238	3,757	5,378	9,134
MIRI	801	53	1,098	2,021	680	445	5,098	825	5,923
RAJANG	20	1	-	79	45	67	212	1,566	1,778
SABAH	-	-	-	-	-	-	28,372	-	28,372
PORT DICKSON	-	1,252	2,824	7,810	25	101	12,013	-	12,013
KEMAMAN	1,107	24	3,556	136	30	11	4,864	-	4,864
TELOK EWA	3,059	635	-	82	-	-	3,776	-	3,776
TANJUNG PELEPAS	-	-	-	-	-	-	-	131,529	131,529
JUMLAH <i>Total</i>	29,529	6,627	46,866	21,986	14,522	6,888	182,093	357,140	539,233

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.3 : BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2014
Table 3.3 : Commodities Loaded by Ports And Types, Malaysia, 2014

('000) FREIGHTWEIGHT 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 WAJAJ <i>Iron/ Steel</i>	BAHAN KIMIA/ BAJA <i>Chemical/ Fertilizer</i>	GETAH & SUSU GETAH <i>Rubber & Latex</i>	SIMEN/ KLINKER <i>Cement/ Clinker</i>	BIJIH & GALIAN Ore & Mineral	LAIN-LAIN <i>Others</i>	JUMLAH <i>Total</i>
KELANG	1,753	538	-	-	33	17	36	43	424	180	-	-	-	92,535	95,559
PULAU PINANG	327	-	-	-	-	844	-	-	407	1,163	2,456	-	-	7,669	12,865
JOHOR	2,589	409	888	-	-	-	-	-	27	482	-	7	-	6,326	10,728
KUANTAN	1,186	159	35	-	-	69	-	-	-	878	-	-	5,211	9,464	17,001
BINTULU	3,538	443	4,604	25,487	74	889	882	-	-	-	-	72	-	2,160	38,149
TANJUNG BRUAS	-	-	0	-	-	-	-	-	40	-	-	-	-	104	144
KUCHING	221	-	0	-	-	222	-	14	106	41	26	92	-	1,562	2,284
MIRI	11	5	3,083	-	-	907	800	-	11	-	-	-	-	409	5,226
RAJANG	37	19	-	-	-	281	-	-	-	-	1	-	-	115	453
SABAH	7,512	-	-	-	-	584	975	-	-	204	44	24	-	4,965	14,308
PORT DICKSON	-	-	2,390	-	80	-	-	-	-	-	-	-	-	-	2,470
KEMAMAN	-	-	228	-	311	-	-	-	1	-	-	-	773	1,342	2,655
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	3,059	-	-	3,059
TANJUNG PELEPAS	587	-	-	-	-	-	-	-	126	179	426	-	-	4,074	5,393
JUMLAH Total	17,761	1,573	11,229	25,487	498	3,813	2,693	57	1,142	3,126	2,953	3,254	5,983	130,725	210,295

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.4 : BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2014
Table 3.4 : Commodities Unloaded by Ports And Types, Malaysia, 2014

(‘000) FREIGHTWEIGHT 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/ Cement/ Clinker	MAKANAN PROSES <i>Processed Foodstuff</i>	LAIN-LAIN <i>Others</i>	JUMLAH <i>Total</i>
KELANG	947	1,188	2,415	1,784	408	932	49	-	-	1,190	-	112,817	121,730
PULAU PINANG	176	3,432	874	1,669	1,217	791	586	588	142	-	303	6,644	16,421
JOHOR	1,102	3,535	518	683	-	2,597	-	-	-	2,109	-	6,031	16,575
KUANTAN	82	1,370	192	-	-	1,121	-	-	-	35	-	1,564	4,365
BINTULU	99	1,095	-	-	-	641	-	-	-	478	-	3,331	5,644
TANJUNG BRUAS	-	-	242	-	-	-	-	-	-	-	-	57	299
KUCHING	-	776	420	579	93	390	117	78	34	208	425	3,731	6,851
MIRI	-	128	53	-	-	62	63	15	9	-	162	205	697
RAJANG	-	81	62	50	14	76	165	34	29	-	285	529	1,325
SABAH	983	2,302	320	-	-	1,523	70	9	-	367	-	8,490	14,064
PORT DICKSON	-	8,367	-	-	-	-	-	-	-	-	-	1,175	9,542
KEMAMAN	-	-	15	-	-	-	-	-	-	-	-	2,193	2,208
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	717	717
TANJUNG PELEPAS	-	-	171	-	-	54	-	37	510	-	381	670	1,823
JUMLAH <i>Total</i>	3,389	22,274	5,282	4,765	1,732	8,188	1,049	761	723	4,387	1,556	148,153	202,260

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.5 : JUMLAH KONTERNA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014
Table 3.5 : Total Container Throughput by Port, Malaysia, 2005-2014

BIL No	PELABUHAN Ports		TEUs									
			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1	KELANG	EKSPORT <i>Export</i>	1,276,661	1,367,625	1,474,193	1,598,544	1,478,354	1,718,845	1,720,542	1,821,995	1,860,613	1,942,773
		IMPORT <i>Import</i>	1,342,901	1,403,946	1,527,893	1,629,977	1,515,743	1,716,304	1,794,508	1,872,867	1,907,495	1,962,431
		PINDAH KAPAL <i>Trans-shipment</i>	2,923,965	3,554,724	4,116,628	4,745,058	4,315,682	5,436,596	6,088,876	6,306,633	6,582,299	7,040,600
		JUMLAH Total	5,543,527	6,326,295	7,118,714	7,973,579	7,309,779	8,871,745	9,603,926	10,001,495	10,350,407	10,945,804
2	PULAU PINANG	EKSPORT <i>Export</i>	372,576	422,216	488,254	487,049	450,999	532,936	570,500	565,516	593,785	594,255
		IMPORT <i>Import</i>	357,213	406,492	410,282	401,727	444,530	506,841	557,050	538,074	565,894	563,557
		PINDAH KAPAL <i>Trans-shipment</i>	65,500	21,022	27,455	28,855	62,947	66,321	74,629	62,143	78,034	107,900
		JUMLAH Total	795,289	849,730	925,991	917,631	958,476	1,106,098	1,202,179	1,165,733	1,237,713	1,265,712
3	JOHOR	EKSPORT <i>Export</i>	382,675	410,422	421,045	400,849	367,368	394,192	344,213	332,905	339,939	350,721
		IMPORT <i>Import</i>	323,331	335,335	363,672	374,281	334,140	371,463	349,632	350,826	380,055	383,407
		PINDAH KAPAL <i>Trans-shipment</i>	136,297	134,854	142,567	159,637	143,348	110,613	136,495	117,327	37,029	58,373
		JUMLAH Total	842,303	880,611	927,284	934,767	844,856	876,268	830,340	801,058	757,023	792,501
4	KUANTAN	EKSPORT <i>Export</i>	61,842	64,167	65,577	64,545	66,567	72,850	67,204	69,356	63,482	67,150
		IMPORT <i>Import</i>	55,975	59,581	61,892	61,936	65,320	69,134	64,943	66,726	62,746	63,902
		PINDAH KAPAL <i>Trans-shipment</i>	1,250	1,086	131	580	365	96	649	19	320	192
		JUMLAH Total	119,067	124,834	127,600	127,061	132,252	142,080	132,796	136,101	126,548	131,244

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT TEUs : Twenty-Foot Equivalent Unit

Source : All Ports and Marine Department

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014 (SAMB.)

Table 3.5 : Total Container Throughput by Port, Malaysia, 2005-2014 (Cont'd)

TEUs

BIL No	PELABUHAN Ports		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
5	BINTULU	EKSPORT Export	34,241	44,366	62,320	78,645	68,926	74,600	70,707	84,809	89,986	94,434
		IMPORT Import	29,688	37,398	50,050	72,839	66,830	73,127	77,703	88,410	90,505	94,620
		PINDAH KAPAL Trans-shipment	83,891	117,940	139,430	138,683	112,634	103,569	67,041	57,834	69,862	81,441
		JUMLAH Total	147,820	199,704	251,800	290,167	248,390	251,296	215,451	231,053	250,353	270,495
6	KUCHING	EKSPORT Export	68,799	73,524	78,325	82,235	76,753	92,458	104,568	112,500	122,508	110,416
		IMPORT Import	73,703	78,022	84,143	87,836	82,677	94,631	103,441	108,141	108,492	109,222
		PINDAH KAPAL Trans-shipment	594	848	870	1,872	1,661	3,553	6,811	11,185	18,690	8,022
		JUMLAH Total	143,096	152,394	163,338	171,943	161,091	190,642	214,820	231,826	249,690	227,660
7	MIRI	EKSPORT Export	7,442	9,001	10,405	13,555	12,095	14,599	14,234	14,676	15,224	14,519
		IMPORT Import	7,381	7,836	10,754	14,530	13,007	15,174	17,605	16,823	18,723	18,373
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	14,823	16,837	21,159	28,085	25,102	29,773	31,839	31,499	33,947	32,892
8	RAJANG	EKSPORT Export	26,799	26,652	32,823	37,698	31,679	39,278	43,861	43,653	34,181	29,830
		IMPORT Import	27,578	27,089	33,085	36,622	34,531	41,055	44,839	45,878	46,896	46,258
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	54,377	53,741	65,908	74,320	66,210	80,333	88,700	89,531	81,077	76,088

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT TEUs : Twenty-Foot Equivalent Unit

Source : All Ports and Marine Department

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2005-2014 (SAMB.)
Table 3.5 : Total Container Throughput by Port, Malaysia, 2005-2014 (Cont'd)

BIL No	PELABUHAN Ports		TEUs									
			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
9	SABAH	EKSPORT <i>Export</i>	103,167	112,890	130,172	143,047	139,857	155,614	164,408	183,623	180,504	191,623
		IMPORT <i>Import</i>	105,321	114,194	133,035	144,156	136,063	156,961	168,511	183,656	183,984	193,362
		PINDAH KAPAL <i>Trans-shipment</i>	-	-	8,264	5,485	1,985	14,251	23,276	7,345	8,554	13,815
		JUMLAH Total	208,488	227,084	271,471	292,688	277,905	326,826	356,195	374,624	373,042	398,800
10	TANJUNG PELEPAS	EKSPORT <i>Export</i>	151,202	161,878	173,759	214,404	190,953	208,210	285,093	308,625	310,572	322,792
		IMPORT <i>Import</i>	40,457	44,528	51,574	97,383	105,655	102,457	131,904	139,333	132,231	143,886
		PINDAH KAPAL <i>Trans-shipment</i>	3,985,464	4,431,013	5,072,298	5,154,404	5,538,477	5,988,066	6,885,463	7,045,848	6,973,716	7,765,434
		JUMLAH Total	4,177,123	4,637,418	5,297,631	5,466,191	5,835,085	6,298,733	7,302,460	7,493,805	7,416,518	8,232,113
	JUMLAH BESAR Grand Total	EKSPORT <i>Export</i>	2,485,404	2,692,741	2,936,873	3,120,571	2,883,551	3,303,582	3,385,330	3,537,658	3,610,794	3,718,513
		IMPORT <i>Import</i>	2,363,548	2,514,421	2,726,380	2,921,287	2,798,496	3,147,147	3,310,136	3,410,734	3,497,021	3,579,018
		PINDAH KAPAL <i>Trans-shipment</i>	7,196,961	8,261,487	9,507,643	10,234,574	10,177,099	11,723,065	13,283,240	13,608,334	13,768,504	15,075,777
		JUMLAH Total	12,045,913	13,468,648	15,170,896	16,276,432	15,859,146	18,173,794	19,978,706	20,556,725	20,876,318	22,373,309

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT TEUs : *Twenty-Foot Equivalent Unit*
Source : All Ports and Marine Department

JADUAL 3.6 : JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2005-2014
Table 3.6 : Total Number of Ships Calling by Ports, Malaysia, 2005-2014

PELABUHAN Ports		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
KELANG	BIL / No	15,050	16,404	17,149	16,864	16,116	17,910	18,117	17,721	16,703	15,298
	GRT (' 000)	235,037	259,094	297,671	306,682	236,891	363,322	392,947	384,436	407,918	409,806
PULAU PINANG	BIL / No	6,220	6,177	6,036	5,779	5,559	6,136	6,327	7,796	6,309	6,137
	GRT (' 000)	35,938	38,311	48,843	37,068	42,411	60,978	62,034	66,941	63,992	59,389
JOHOR	BIL / No	6,138	6,337	6,004	5,823	5,121	4,882	4,899	4,252	4,133	3,964
	GRT (' 000)	28,910	26,916	23,637	41,037	41,348	38,177	36,864	30,286	29,614	25,894
KUANTAN	BIL / No	2,195	2,324	2,375	2,315	2,447	2,405	2,440	2,470	2,406	2,342
	GRT (' 000)	15,558	17,617	15,959	15,432	18,049	19,274	21,694	22,469	23,153	24,803
BINTULU	BIL / No	5,789	6,024	6,007	7,015	7,514	7,601	7,606	7,581	8,239	8,478
	GRT (' 000)	57,406	57,616	60,111	60,384	58,668	61,563	64,052	63,987	67,534	68,593
TANJUNG BRUAS	"BIL / No	149	119	159	147	115	104	104	91	117	352
	GRT (' 000)	409	196	571	508	406	383	405	384	471	3,786
KUCHING	BIL / No	3,252	3,022	2,669	2,190	1,899	2,111	1,982	1,933	2,054	1,897
	GRT (' 000)	9,480	9,804	9,327	8,666	8,444	9,716	10,132	10,337	10,624	10,784
MIRI	BIL / No	3,120	2,504	1,643	1,690	1,637	1,645	1,692	1,779	1,702	1,508
	GRT (' 000)	8,136	8,455	9,005	8,691	8,387	7,720	7,156	6,134	7,545	6,745
RAJANG	BIL / No	1,996	1,881	1,727	1,692	1,690	1,821	1,680	1,378	1,034	908
	GRT (' 000)	8,452	8,280	7,179	6,797	6,918	6,990	6,360	3,611	1,998	1,416
SABAH	BIL / No	14,940	15,505	14,456	13,540	13,227	13,125	12,754	14,641	13,228	14,178
	GRT (' 000)	36,350	37,063	35,181	35,265	33,840	33,336	36,467	37,997	40,811	46,468
PORT DICKSON	BIL / No	1,126	1,000	1,628	1,282	1,028	892	869	963	854	880
	GRT (' 000)	9,218	9,500	12,591	11,640	11,560	11,203	10,938	11,685	12,062	11,521
KEMAMAN	BIL / No	319	265	374	344	391	553	423	605	554	495
	GRT (' 000)	3,099	3,100	3,905	3,966	3,757	4,240	4,187	5,723	4,002	4,401
TELUK EWA	BIL / No	535	563	597	637	633	595	589	510	527	472
	GRT (' 000)	2,438	2,509	2,509	2,592	3,028	2,653	2,711	2,635	3,078	2,760
TANJUNG PELEPAS	BIL / No	3,128	3,261	3,747	3,760	3,776	4,162	5,125	5,041	4,793	4,759
	GRT (' 000)	25,024	26,088	29,976	30,112	30,208	33,296	41,000	40,328	38,344	38,072
JUMLAH Total	BIL / No	63,957	65,386	64,571	63,078	61,153	63,942	64,607	66,761	62,653	61,668
	GRT (' 000)	475,455	504,549	556,465	568,840	503,915	652,852	696,948	686,953	711,145	714,437

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.7 : JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2014
Table 3.7 : Type of Ships Calling by Ports, Malaysia, 2014

PELABUHAN <i>Ports</i>	PERENTAS SAMUDERA <i>Foreign Going</i>							PERSISIRAN <i>Coastal</i>						JUMLAH BESAR <i>Grand Total</i>	
	KONTENA <i>Container</i>		KAGO 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	-	9,601	1,228	1,350	428	768	13,375	-	950	308	85	24	556	1,923	15,298
PULAU PINANG	-	1	583	824	193	1,358	2,959	-	1,556	44	234	-	1,344	3,178	6,137
JOHOR	1,176	-	322	1,543	316	-	3,357	607	-	-	-	-	-	607	3,964
KUANTAN	36	293	482	732	405	32	1,980	-	-	42	255	9	56	362	2,342
BINTULU	249	286	428	1,176	204	686	3,029	-	506	223	513	101	4,106	5,449	8,478
TANJUNG BRUAS	-	-	83	10	1	115	209	-	-	-	31	-	112	143	352
KUCHING	41	257	127	154	65	77	721	-	471	276	76	3	350	1,176	1,897
MIRI	-	-	231	18	139	-	388	-	245	742	131	2	-	1,120	1,508
RAJANG	-	-	-	-	10	-	10	-	753	105	29	11	-	898	908
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,178
PORT DICKSON	-	-	13	38	-	-	51	-	-	63	573	193	-	829	880
KEMAMAN	-	-	27	374	77	-	478	-	-	1	9	7	-	17	495
TELOK EWA	-	-	-	34	112	56	202	-	-	-	28	122	120	270	472
TANJUNG PELEPAS	2,094	2,363	-	-	-	-	4,457	179	123	-	-	-	-	302	4,759
JUMLAH <i>Total</i>	3,596	12,801	3,524	6,253	1,950	3,092	31,216	786	4,604	1,804	1,964	472	6,644	16,274	61,668

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.8 : BILANGAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGLASAN BARU) DAN BERAT, MALAYSIA, 2010-2014
Table 3.8 : Number of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2010-2014

JENIS KAPAL Type of Ship	2010			2011			2012			2013			2014		
	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	17	67	28	17	82	40	22	177	81	18	18	8	2	4	2
KAPAL LNG, LPG/ LNG, LPG Carrier	-	-	-	-	-	-	-	-	-	-	-	-	1	4	6
TANGKI KIMIA/PETROLEUM Chemical/ Petroleum Tanker	14	249	94	15	129	49	2	3	1	10	35	17	-	-	-
KAPAL PUKAL, BIJIH, KAYU BALAK/ Bulk, Grain, Ore, Log Carrier	2	37	23	1	18	11	1	5	2	2	98	61	-	-	-
KARGO AM, SEPARA KONTENA/ General Cargo, Semi Container	5	21	11	25	44	23	11	20	10	7	28	15	1	20	11
KAPAL PENUMPANG, AM/ PENUMPANG/ Passenger, General/ Passenger Ship	7	2	1	15	2	1	4	1	0	7	4	1	3	2	1
RO-RO	1	39	12	2	26	8	1	47	14	3	137	41	-	-	-
KONTENA PENUH/ Full Container	4	24	14	2	16	7	3	31	16	2	25	10	-	-	-
"OFFSHORE SUPPORT VESSEL"	19	17	5	36	59	18	23	21	6	23	50	16	5	11	3
TONGKANG / Barge	44	79	24	53	93	30	42	86	30	43	117	36	10	30	11
LAIN-LAIN/ Others	156	280	128	226	365	151	189	436	181	191	428	145	38	99	30
JUMLAH Total	269	816	339	392	835	338	298	827	342	306	939	351	60	170	63

SUMBER : JABATAN LAUT MALAYSIA

Source : Marine Department Malaysia

**JADUAL 3.9 : JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT
JENIS (PENGELASAN BARU) DAN BERAT, MALAYSIA, 2010-2014**

Table 3.8 : Total of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2010-2014

JENIS KAPAL <i>Type of Ship</i>	2010			2011			2012			2013			2014		
	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/ <i>Oil Tanker</i>	193	2,318	1,374	209	2,387	1,408	215	2,419	1,414	206	2,027	1,163	201	2,013	1,155
KAPAL LNG, LPG/ <i>LNG, LPG Carrier</i>	45	2,540	770	43	2,534	768	41	2,373	719	40	2,371	719	40	2,371	719
TANGKI KIMIA/PETROLEUM <i>Chemical/ Petroleum Tanker</i>	51	793	318	66	905	361	63	822	327	53	571	229	49	453	181
KAPAL PUKAL, BIJIH, KAYU BALAK/ <i>Bulk, Grain, Ore, Log Carrier</i>	15	229	137	17	239	141	15	193	112	14	192	111	13	164	95
KARGO AM, SEPARA KONTENA/ <i>General Cargo, Semi Container</i>	478	554	301	527	578	314	491	579	314	577	580	314	575	578	312
KAPAL PENUMPANG, AM/ PENUMPANG/ <i>Passenger, General/ Passenger Ship</i>	319	54	21	442	63	24	322	47	17	431	55	21	428	57	21
RO-RO	10	75	24	12	101	32	10	130	40	11	195	59	10	157	48
KONTENA PENUH/ <i>Full Container</i>	56	752	395	53	710	378	33	218	111	29	190	94	27	182	90
"OFFSHORE SUPPORT VESSEL"	207	164	50	251	237	72	249	218	66	256	244	75	263	273	84
TONGKANG / Barge	1,362	1,249	440	1,455	1,406	491	1,455	1,400	489	1,427	1,378	480	1,417	1,399	489
LAIN-LAIN/ <i>Others</i>	1,730	1,806	789	2,070	2,335	1,001	2,136	2,618	1,085	2,104	2,451	968	2,116	2,691	1,046
JUMLAH Total	4,466	10,532	4,617	5,145	11,496	4,990	5,030	11,017	4,694	5,148	10,253	4,234	5,139	10,338	4,240

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), 2010-2014

Table 3.10 : Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSL B), 2010-2014

JENIS KARGO <i>Type of Cargo</i>	2010		2011		2012		2013		2014	
	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>
KARGO KERING <i>Dry Bulk</i>	821	28	848	29	881	37	926	47	870	81
KELAPA SAWIT <i>Palm Oil</i>	20	77	38	85	38	73	42	65	33	47
PETROLUEM / DIESEL <i>Petroleum / Diesel</i>	200	470	214	542	211	686	204	731	194	732
PENUMPANG <i>Passenger</i>	135	60	114	36	122	24	125	35	140	34
KONTENA <i>Container</i>	58	38	57	28	50	51	40	41	36	50
KIMIA <i>Chemical</i>	24	108	10	120	15	102	17	104	15	105
KHIDMAT TUNDA <i>Towing Services</i>	547	578	587	496	622	601	634	561	597	468
PERALATAN KERJA CARI GALI <i>Exploration Work Equipment</i>	153	557	161	585	172	902	191	908	211	635
KENDERAAN / RO-RO <i>Vehicle / Ro-ro</i>	10	0	7	0	7	2	17	3	13	2
BAHAN BINAAN <i>Construction Material</i>	83	220	78	216	75	368	62	351	61	202
KAYU BALAK <i>Lag Wood</i>	250	0	249	0	234	2	228	1	220	0
SIMEN KLINKER <i>Clinker Cement</i>	0	59	0	45	0	57	0	45	0	37
LAIN - LAIN <i>Others</i>	106	308	98	310	106	346	165	407	230	402
JUMLAH <i>Total</i>	2,407	2,503	2,461	2,492	2,533	3,251	2,651	3,299	2,620	2,795

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

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

JADUAL 3.11 : JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS LESEN DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2010-2014

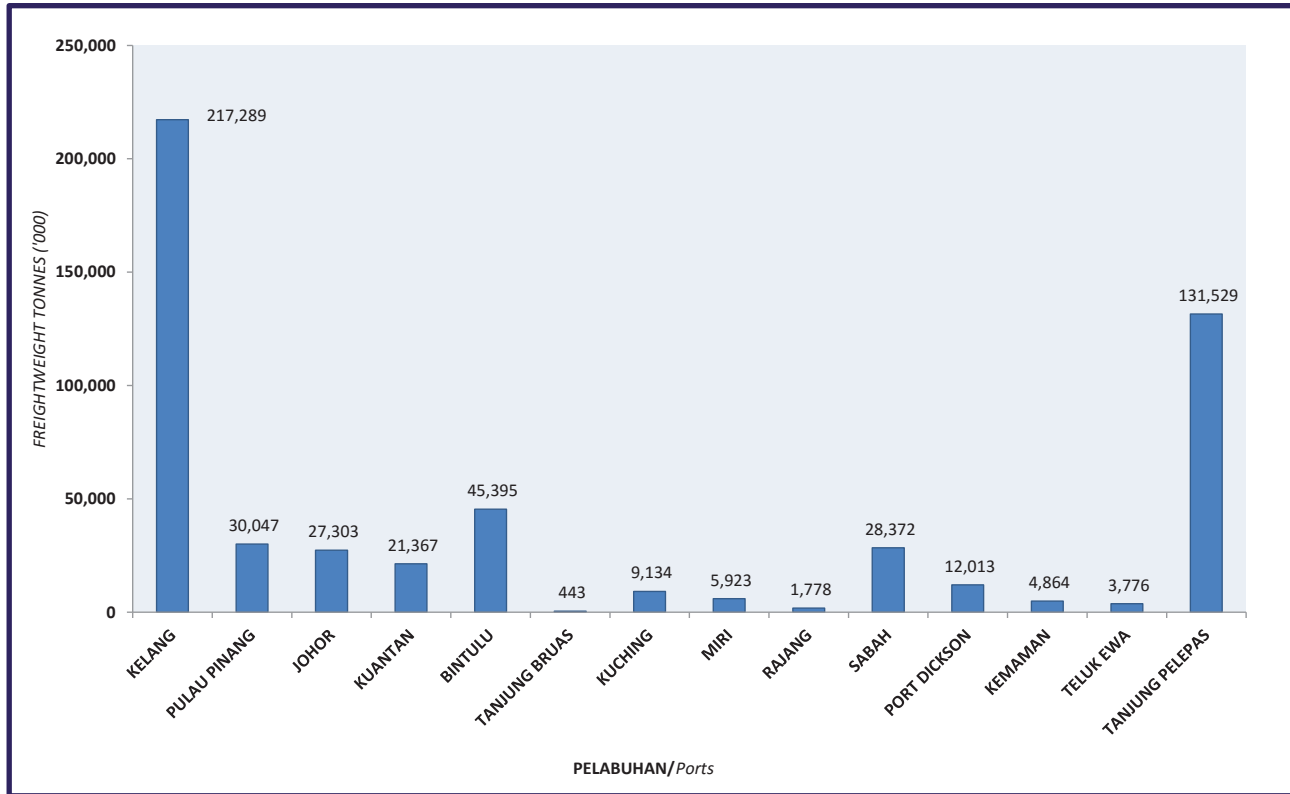
Table 3.11 : Total Number of Licenses Issued by Type of License and Registration by Domestic Shipping Licensing Board (DSL B), 2010-2014

JENIS LESEN <i>Type of Licenses</i>	2010		2011		2012		2013		2014	
	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered
SEMENTARA <i>Temporary</i>	211	2,503	176	2,492	251	3,251	216	3,299	346	2,795
BERSYARAT <i>Conditional</i>	1,886	0	1,987	0	2,047	0	2,163	0	1,835	0
TANPA SYARAT <i>Unconditional</i>	310	0	298	0	235	0	272	0	439	0
JUMLAH Total	2,407	2,503	2,461	2,492	2,533	3,251	2,651	3,299	2,620	2,795

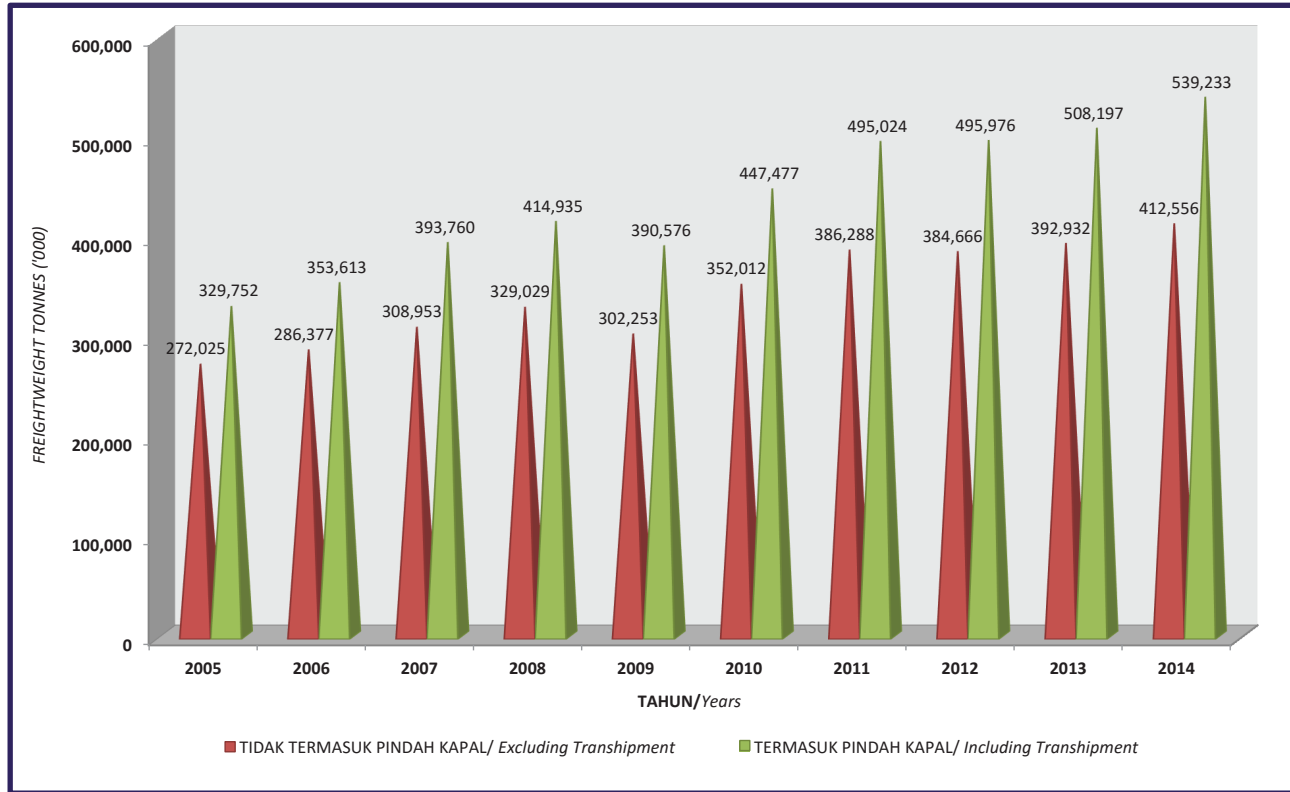
SUMBER : LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), KEMENTERIAN PENGANGKUTAN

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

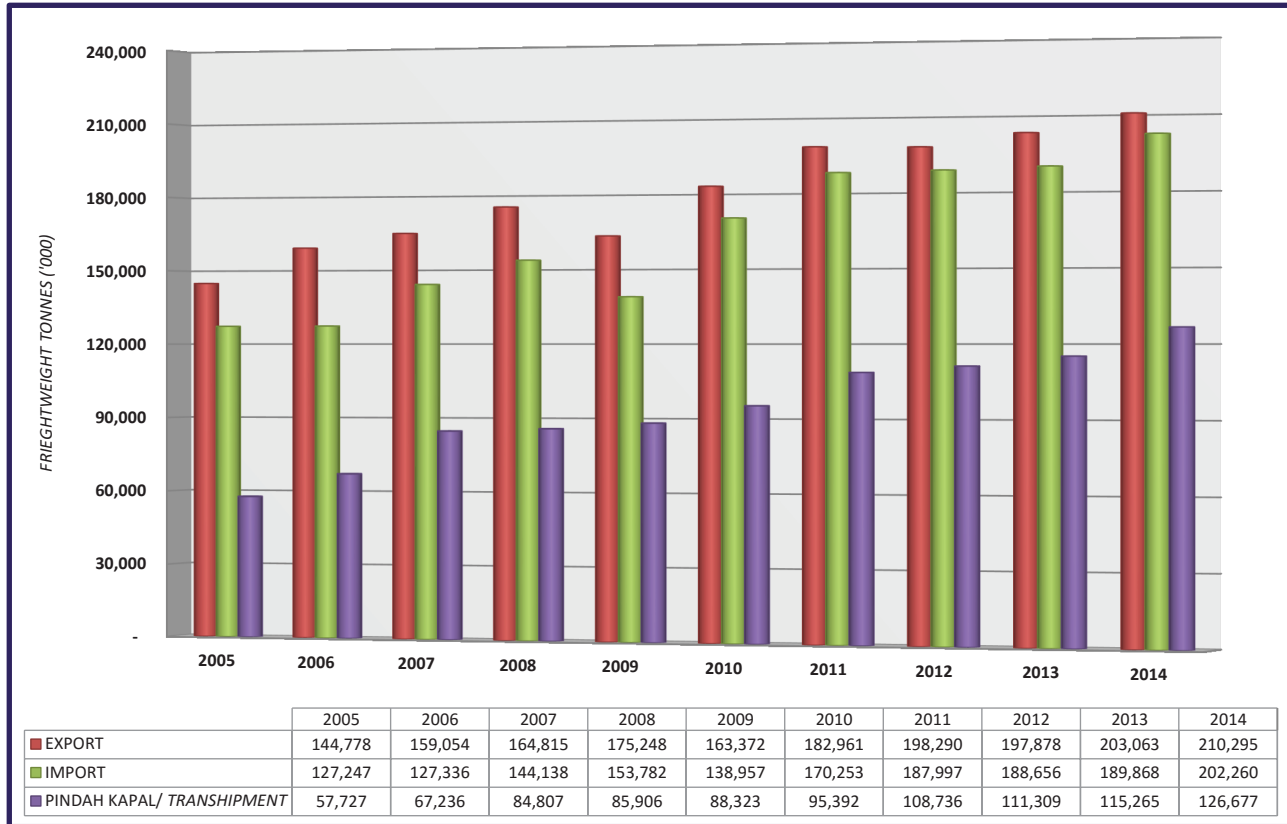
CARTA 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2014
Chart 3.1 : Total Cargo Throughput by Ports, Malaysia, 2014



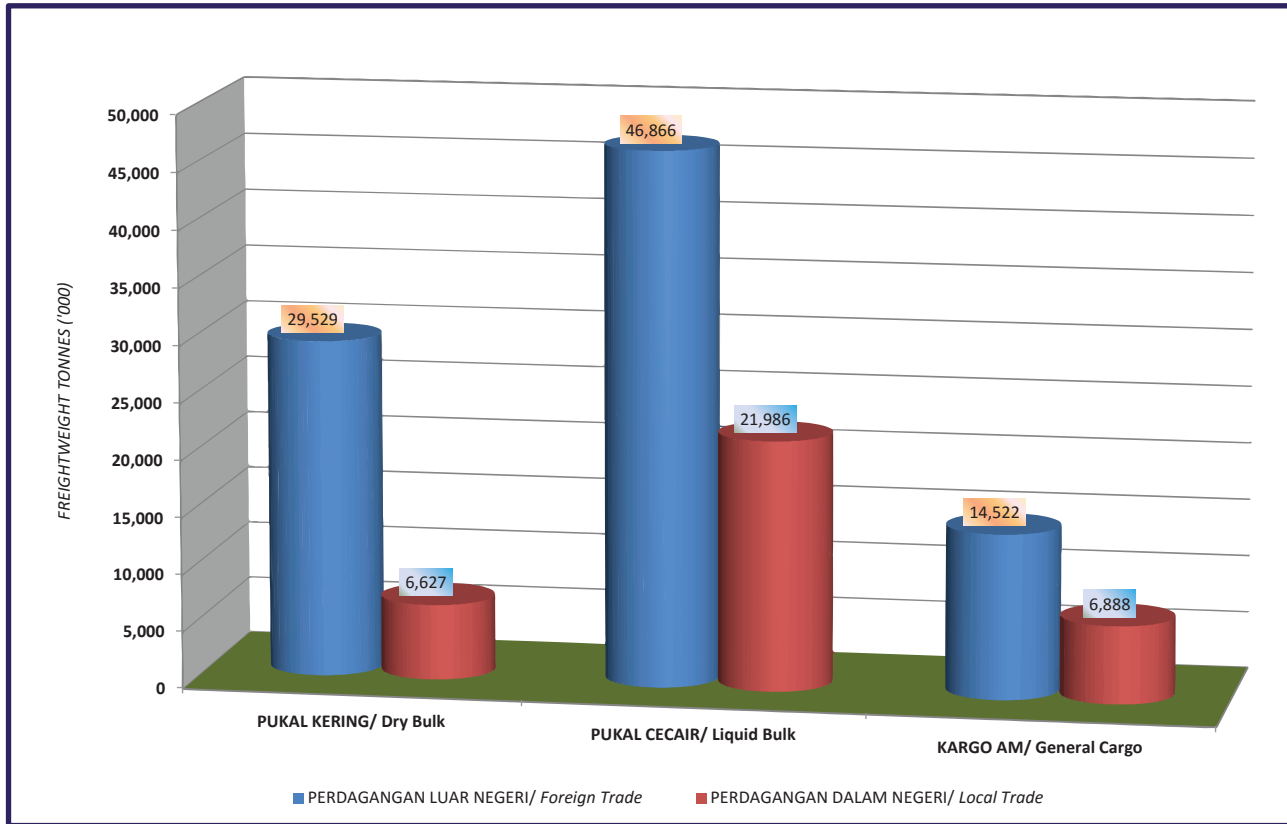
CARTA 3.2 : JUMLAH KARGO YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA , 2005-2014
 Chart 3.2 : Total Cargo Throughput at Ports, Malaysia, 2005-2014



CARTA 3.3 : JUMLAH KARGO DIKENDALIKAN MENGIKUT EKSPORT, IMPORT DAN PINDAH KAPAL DI PELABUHAN, MALAYSIA, 2005-2014
Chart 3.3 : Total Cargo Throughput by Export, Import and Transhipment at Ports, Malaysia, 2005-2014

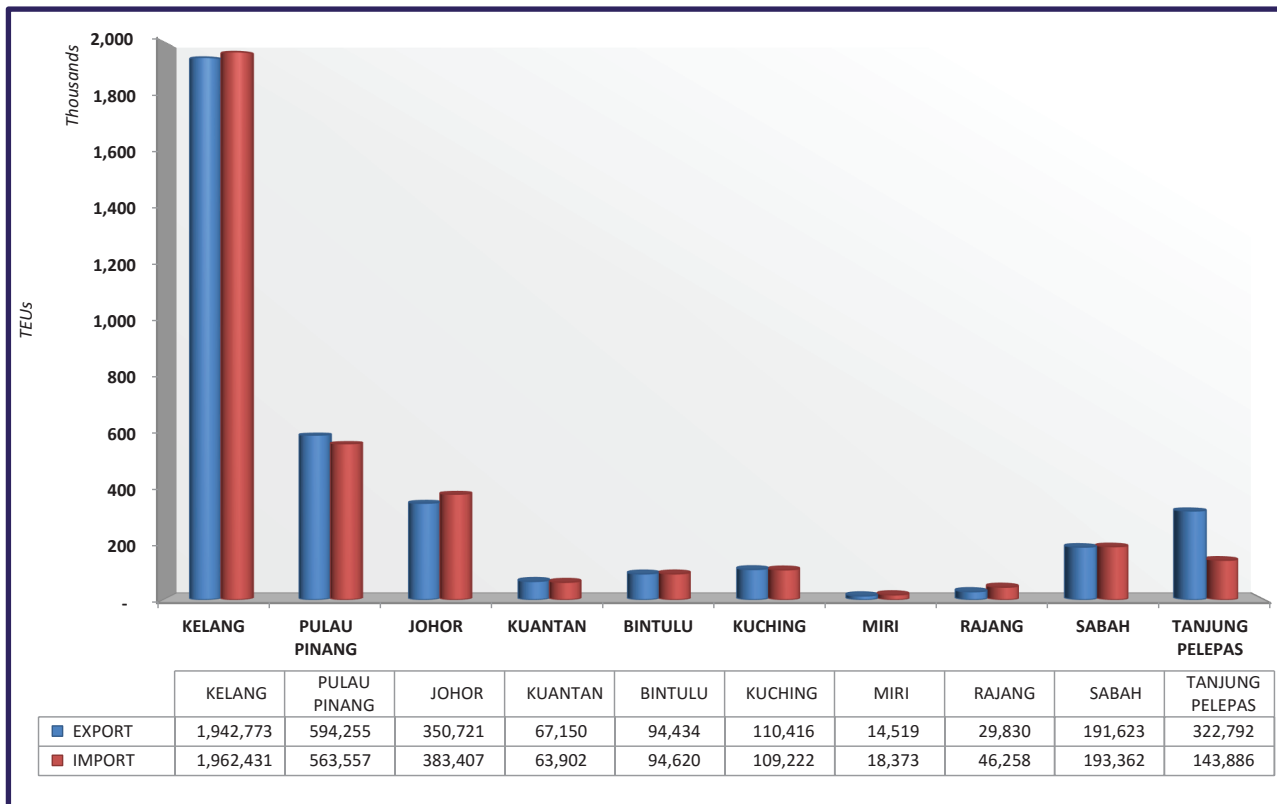


CARTA 3.4 : KENDALIAN KARGO UNTUK PERDAGANGAN DALAM NEGERI DAN LUAR NEGERI, 2014
Chart 3.4 : Cargo Handling for Local and Foreign Trade, 2014

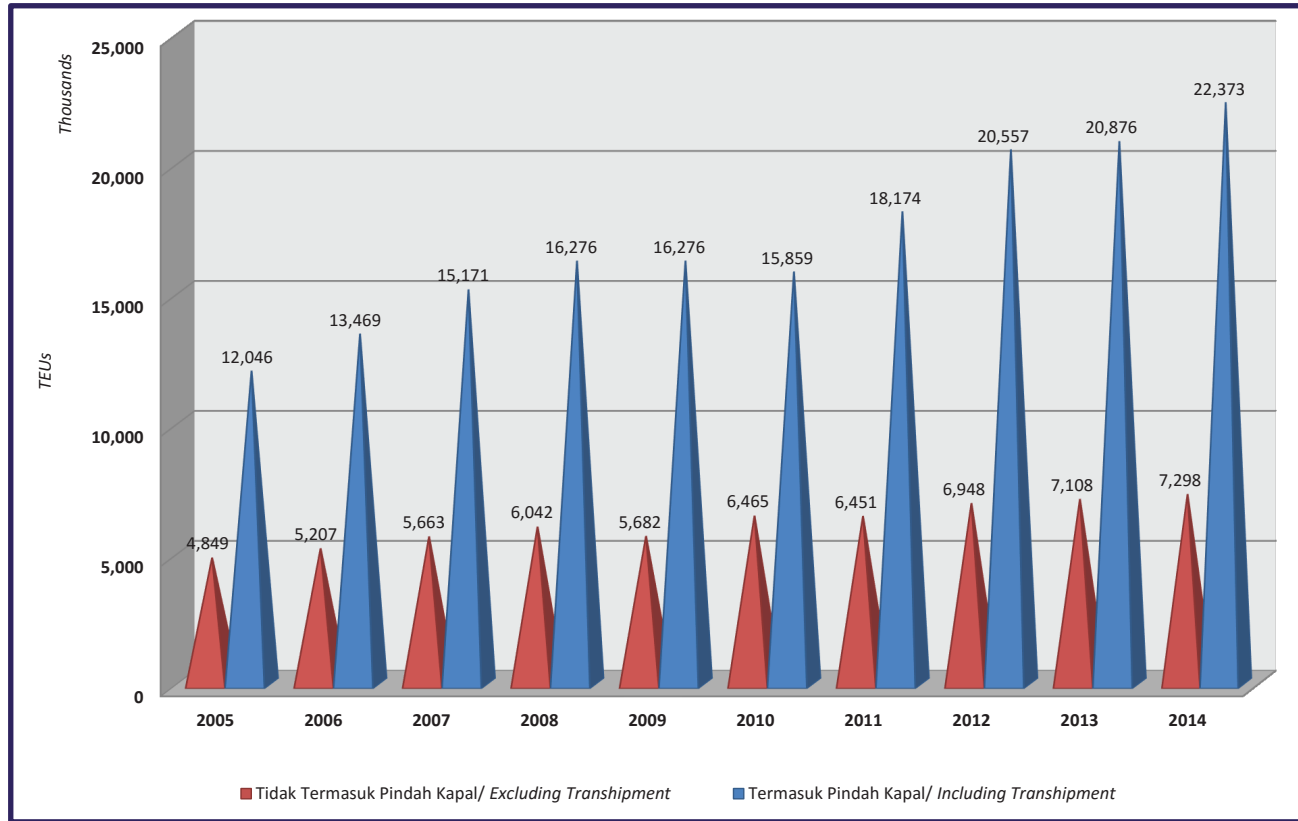


CARTA 3.5 : PENGENDALIAN EKSPORT DAN IMPORT KONTENA MENGIKUT PELABUHAN, MALAYSIA, 2014

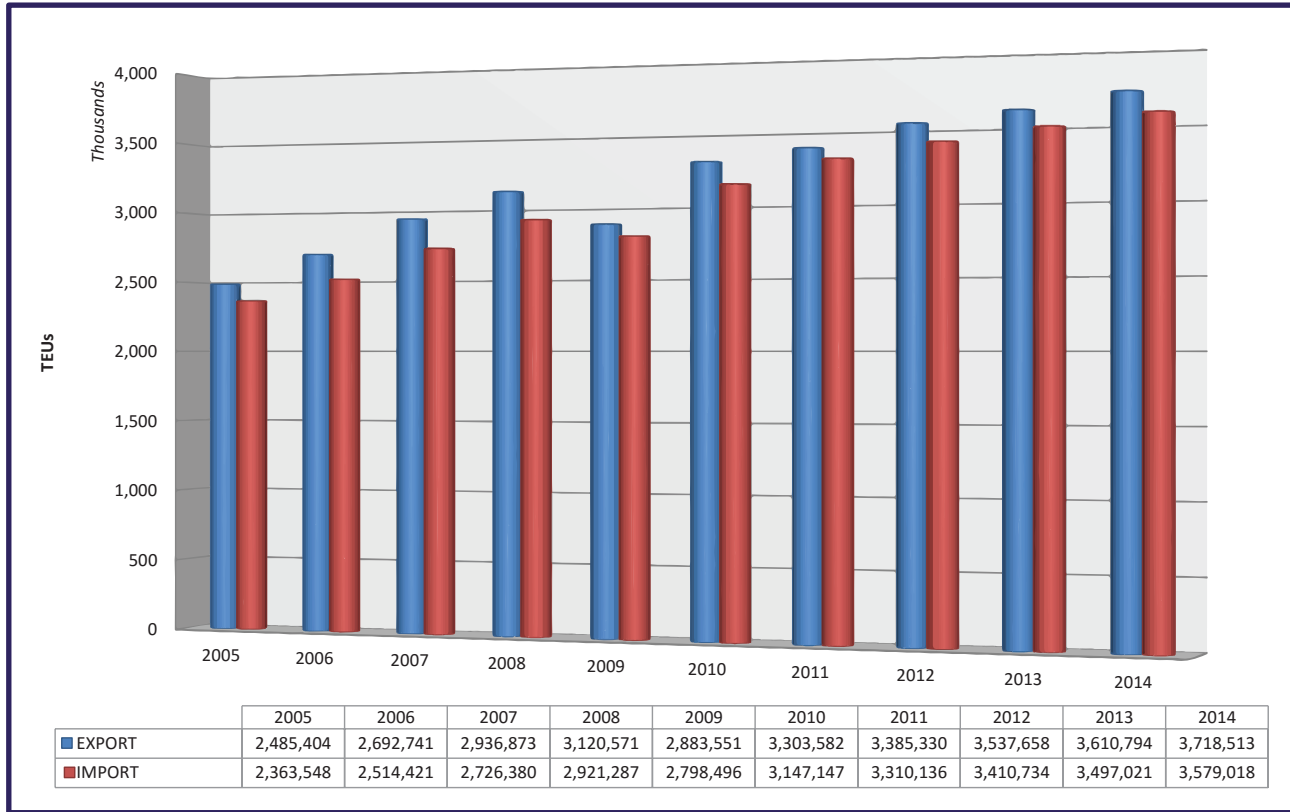
Chart 3.5 : Handling of Export and Import Container by Ports, Malaysia, 2014



CARTA 3.6 : JUMLAH KONTENA YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2005-2014
Chart 3.6 : Total Container Throughput At Ports, Malaysia, 2005-2014



CARTA 3.7 : PENGENDALIAN KONTENA EKSPORT DAN IMPORT MENGIKUT TAHUN, MALAYSIA, 2005-2014
Chart 3.7 : Handling of Export and Import Container Year, Malaysia, 2005-2014





PENGANGKUTAN UDARA

Air Transport

JADUAL 4.1 : KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2014
Table 4.1 : International Airport Facilities, Malaysia, 2014

LAPANGAN TERBANG <i>Airport</i>	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT <i>Airport Fire & Rescue Services Category (AFRS)</i>	PANJANG/ LEBAR LANDASAN <i>Runaway 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	CAT IX	4124M X 60M (32R/14L) 4056M X 60M (32L/14R)	PCN 100 FCXT	24 HOURS	AIRBUS (A380)	2 X ILS/DME.VOR/DME, 2 X NDB, 2 X LCTR, APP. RADAR
JOHOR	CAT VIII	3800M X 45M	PCN 70 F/C/X/T	2230 - 1600 UTC	AIRBUS A380	ILS/LLZ, GP/DME, NDB, DVOR/DME
PULAU PINANG	CAT IX	3352M X 45M	PCN 105F/B/X/U	24 HOURS	B747-800(RESTRICTED)	ILS/LLZ, L/NDB, GP/DME, DVOR/DME
LANGKAWI	CAT VIII	3810M X 45M	PCN 77/F/C/W/T	2300 - 1500 UTC	B747	ILS/LLZ, DVOR, GP/DME, NDB
KUCHING	CAT IX	3780M X 46M	PCN 82 /F/C/X/T	24 HOURS	B747	ILS/LLZ, GP/DME, NDB, DVOR/DME
KOTA KINABALU	CAT IX	2987M X 46M	PCN 59 F/B/X/U	24 HOURS	B747	ILS/LLZ, GP/DME, L, DVOR/DME

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN. BHD

JADUAL 4.2 : KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2014
Table 4.2 : Domestic Airport Facilities, Malaysia, 2014

LAPANGAN TERBANG Airport	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT Airport Fire & Rescue Services Category (AFRS)	PANJANG/ LEBAR LANDASAN Runaway Length/ Width (m)	KEUPAYAAN LANDASAN Load Classification Number	WAKTU BEROPERASI Hours of Operation	PENDARATAN PESAWAT TERBESAR Biggest Aircraft Landed	SISTEM PERHUBUNGAN & PEMALIMAN UDARA Radio & Air Navigational Aids
ALOR SETAR	6	2745M X 45M	PCN 96/F/C/X/T	2230 1430 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	ILS/LLZ,GP/DME, DVOR/DME,NDB
KOTA BHARU	6	1981M X 45M	PCN 51/F/A/W/T	2200 - 1530 UTC	B737-800	NDB, DVOR/DME, ILS/LLZ, GP/DME
KUANTAN	7	2804M X 46M	LCN 48 Tarmac	2230 - 1230 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	L, ILS/LOC, GP/DME, DVOR/TACAN
KERTEH	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IPOH	6	1798M X 36M	PCN 77/F/C/W/T	2300 - 1300 UTC	Designed for B737 but no B737 schedule flight, biggest aircraft is A320 only	L, ILS/LOC, GP/DME, VOR/DME, VOR
MELAKA	5	2135M X 45M	PCN 47/F/D/X/T	2300 - 1100 UTC	Designed for A320 but no A320 schedule flight, biggest aircraft is A320 only	NDB , DVOR/DME,L
KUALA TERENGGANU	Category 9 during Haji flight operation with B747 aircraft and Category 6 during A320 scheduled flight	3480M X 45M	PCN 75 F/B/X/T	2300 - 1400 UTC	Designed for B747 but no B747 schedule flight except during Haji. Biggest aircraft is A320.	DVOR / DME , LCTR ,ILS
SUBANG	7	3780M x 45M	PCN 59/F/B/X/U	24 HOURS	Designed for B747 but largest scheduled aircraft is ATR-72	ILS/LLZ,GP/DME,L,NDB DVOR/DME
PULAU TIOMAN	Fire ext.	992M X 30M	n.a	0900-1700	DASH 7	n.a
BINTULU	6	2745M X 45M	PCN 79/F/C/X/T	2245 - 1230 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	ILS/LLZ, GP/DME, NDB, DVOR/DME
MIRI	6	2745M X 60M	PCN 79/F/C/X/T	2200 - 1530 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	ILS/LLZ, GP/DME, NDB, DVOR/DME
SIBU	6	2745M X 45M	PCN 61 F / C / X / T	2230 - 1330 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	ILS/LLZ, GP/DME , MM, NDB, DVOR/DME
LAHAD DATU	5	1371M X 30M	LCN 20	0000 - 0900 UTC	ATR-72	LCTR
LABUAN	7	2745M X 45M	PCN 79/F/C/X/T	2200 - 1400 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	NVOR/LCTR,ILS
SANDAKAN	6	2133M X 46M	LCN 90	2200 - 1400 UTC	A320	ILS/LLZ,GP/DME,NDB, DVOR/DME
TAWAU	6	2685M X 45M	PCN 69/F/C/W/T	2300 - 1400 UTC	A320	ILS/LOC, GP/DME, NDB, DVOR/DME
LIMBANG	5	1500M X 30M	PCN15/F/C/W/T	2230 - 1030 UTC	ATR 72	DVOR /DME
MULU	5	1500M X 30M	PCN12/F/C/Y/U	Dawn to 0800 UTC	ATR 72	NDB

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2014
Table 4.3 : Airstrips Facilities, Malaysia, 2014

LAPANGAN TERBANG <i>Airport</i>	PANJANG / LEBAR LANDASAN Runway Length / Width (m)	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 Navaigational 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	792m X 30m	PCN 12/F/C/Y/T	0100 - 0900 UTC	DASH 7	n.a
PULAU TIOMAN	992m X302m	Tarmac	0000-0900 UTC	DASH 7	ILS/LLZ,GP/DME,L,DVOR/ DME
PULAU REDANG	1100m X302m	PCN 14/F/C/Y/T	0001-0900 UTC	DASH 7	n.a
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	674M X 18M	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
LAWAS	707M X18M	Bitumen sealed AUW 6,123 kgs	sunrise to sunset	DHC-6 (Twin Otter)	n.a
BELAGA	427M X 18M	n.a	No commercial flight	DHC-6 (Twin Otter)	n.a
KAPIT	427M X 18M	n.a	No commercial flight	DHC-6 (Twin Otter)	n.a
BAKELALAN	547M X 18M	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
LONG LELLANG	800M x 18M	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
LONG SEMANDO	487M x 18M	crushed stone	No commercial flight	DHC-6 (Twin Otter)	n.a
LONG SERIDAN	548M x 18M	Bitumen	0800-1700	DHC-6 (Twin Otter)	n.a
LONG BANGA	550M X 18M	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
MUKAH	1097M X 23M	Bitumen sealed AUW 6,123 kgs	sunrise to sunset	DHC-6 (Twin Otter)	n.a
MARUDI	800M X 24M	Bitumen sealed AUW 6,123 kgs	0030-1030 UTC	DHC-6 (Twin Otter)	n.a
LONG AKAH	680M X 18M	PCN12/F/C/Y/U	sunrise to sunset	DHC-6 (Twin Otter)	n.a

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2014 (SAMB.)*Table 4.3 : Airstrips Facilities, Malaysia, 2014 (Cont'd)*

LAPANGAN TERBANG <i>Airport</i>	PANJANG / LEBAR LANDASAN Runway Length / Width (m)	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	730M X 18M	Asphalt AUW 6123kg	sunrise to sunset	DHC-6 (Twin Otter)	n.a
PAMOL	n.a	n.a	n.a	n.a	n.a
SEMPORNA	609M X 24M	n.a	No commercial flight	DHC-6 (Twin Otter)	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	610M X 23M	n.a	No commercial flight	DHC-6 (Twin Otter)	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
NANGO	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

**JADUAL 4.4 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG
(TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2005-2014**

Table 4.4 : Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2005-2014

LAPANGAN TERBANG <i>Airports</i>	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
KLIA	22,726,827	23,689,111	26,097,106	27,245,269	29,398,483	33,718,562	37,313,395	39,513,546	47,143,539	48,571,834
PULAU PINANG	2,797,843	3,088,725	3,171,777	3,405,067	3,322,114	4,143,421	4,561,998	4,762,256	5,485,756	6,036,326
KOTA KINABALU	3,835,276	3,859,258	4,263,043	4,557,039	4,765,880	5,115,774	5,772,115	5,844,608	6,929,692	6,785,957
KUCHING	3,231,005	3,102,983	3,162,111	3,165,791	3,520,402	3,648,548	4,247,775	4,159,864	4,843,141	4,830,778
LANGKAWI	816,266	932,094	1,122,705	1,196,405	1,358,506	1,372,618	1,503,262	1,593,043	1,946,220	2,221,997
JOHOR BHARU	1,246,834	1,308,386	1,324,952	1,389,327	1,314,646	1,235,355	1,337,562	1,376,383	1,990,106	2,325,816
KOTA BHARU	635,397	678,306	759,316	836,060	1,003,162	1,047,755	1,132,345	1,259,205	1,585,238	1,800,836
IPOH	74,404	64,711	814	5,376	21,937	48,508	71,169	73,354	74,320	98,768
KUALA TERENGGANU	419,475	398,252	429,002	486,406	523,619	520,611	502,966	550,831	699,310	842,651
ALOR SETAR	323,669	292,549	291,006	307,564	421,314	400,997	407,717	433,644	535,073	660,264
MELAKA	24,486	18,315	27,209	23,751	18,576	21,687	21,261	34,352	21,637	14,178
SUBANG	83,602	83,502	95,583	307,747	819,840	1,118,309	1,320,227	1,442,514	1,858,823	2,762,399
KUANTAN	298,184	273,005	259,044	258,537	226,912	220,878	248,846	280,074	317,440	314,130
TIOMAN	54,054	57,559	46,260	48,767	49,057	54,056	62,010	60,141	56,054	9,217
PANGKOR	11,193	9,866	8,906	8,132	7,617	2,588	547	4,068	5,791	205
REDANG	30,650	28,928	33,738	34,957	28,246	48,610	46,159	35,922	35,982	11,087
LABUAN	564,171	520,636	492,152	509,653	446,848	479,481	522,320	575,646	669,137	715,052
LAHAD DATU	116,973	108,697	77,024	99,983	98,558	113,442	131,054	142,733	145,930	161,230
SANDAKAN	615,108	629,117	623,589	616,281	662,820	706,455	756,144	814,999	889,250	877,475
TAWAU	680,897	660,331	736,646	768,967	866,601	897,848	922,452	982,108	1,202,344	1,218,311
BINTULU	422,660	415,422	375,228	400,707	460,217	506,000	567,519	637,158	750,994	795,118
MIRI	1,524,389	1,518,568	1,454,167	1,536,954	1,614,736	1,676,281	1,843,005	2,005,697	2,214,660	2,355,071
SIBU	899,301	888,268	806,776	827,797	927,082	994,394	1,118,852	1,183,419	1,357,909	1,411,539
MULU	52,914	48,825	37,393	43,652	49,255	63,122	63,477	49,619	49,432	52,175
LIMBANG	102,254	87,456	49,334	49,179	45,512	48,312	56,211	57,852	61,074	63,870
STOL SABAH	5,963	5,810	1,824	3,315	-	607	4,198	4,350	3,798	3,585
STOL SARAWAK	167,594	147,119	127,681	138,998	144,323	160,230	166,168	153,590	143,678	148,136
SEMENANJUNG Peninsular	29,542,884	30,923,309	33,667,418	35,553,365	38,514,029	43,953,955	48,529,464	51,419,333	61,755,289	65,669,708
SABAH	5,818,388	5,783,849	6,194,278	6,555,238	6,840,707	7,313,607	8,108,283	8,364,444	9,840,151	9,761,610
SARAWAK	6,400,117	6,208,641	6,012,690	6,163,078	6,761,527	7,096,887	8,063,007	8,247,199	9,420,888	9,656,687
JUMLAH Total	41,761,389	42,915,799	45,874,386	48,271,681	52,116,263	58,364,449	64,700,754	68,030,976	81,016,328	85,088,005

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN. BHD

JADUAL 4.5 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2014
Table 4.5 : Total Passengers Handled by Airports, Malaysia, 2014

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			TRANSIT Transit			PERBANDINGAN TAHUN KE TAHUN Year on Year Comparison		
	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	DALAM NEGERI Domestic	ANTARABANGSA International	JUMLAH Total	2014	2013	% +/-
KLIA	7,108,702	7,025,455	14,134,157	17,171,924	17,265,753	34,437,677	24,280,626	24,291,208	48,571,834	-	358,575	358,575	48,930,409	47,498,157	3.0%
PULAU PINANG	1,720,395	1,744,704	3,465,099	1,287,435	1,283,792	2,571,227	3,007,830	3,028,496	6,036,326	5,257	-	5,257	6,041,583	5,487,751	10.1%
KOTA KINABALU	2,572,692	2,581,700	5,154,392	810,907	820,658	1,631,565	3,383,599	3,402,358	6,785,957	4,107	2,904	7,011	6,792,968	6,935,797	-2.1%
KUCHING	2,253,723	2,247,190	4,500,913	160,094	169,771	329,865	2,413,817	2,416,961	4,830,778	17,971	4,073	22,044	4,852,822	4,871,036	-0.4%
LANGKAWI	1,019,460	1,030,333	2,049,793	84,389	87,815	172,204	1,103,849	1,118,148	2,221,997	-	-	-	2,221,997	1,946,440	14.2%
JOHOR BHARU	1,044,059	1,078,136	2,122,195	106,240	97,381	203,621	1,150,299	1,175,517	2,325,816	-	-	-	2,325,816	1,990,106	16.9%
KOTA BHARU	884,050	898,805	1,782,855	7,934	10,047	17,981	891,984	908,852	1,800,836	-	-	-	1,800,836	1,585,238	13.6%
IPOH	8,307	8,372	16,679	40,823	41,266	82,089	49,130	49,638	98,768	-	-	-	98,768	74,320	32.9%
KUALA TERENGGANU	410,292	416,090	826,382	7,585	8,684	16,269	417,877	424,774	842,651	-	-	-	842,651	699,310	20.5%
ALOR SETAR	327,121	330,358	657,479	1,393	1,392	2,785	328,514	331,750	660,264	-	-	-	660,264	535,073	23.4%
MELAKA	2,907	3,146	6,053	4,194	3,931	8,125	7,101	7,077	14,178	-	-	-	14,178	21,637	-34.5%
SUBANG	1,201,900	1,197,237	2,399,137	183,677	179,585	363,262	1,385,577	1,376,822	2,762,399	118	-	118	2,762,517	1,859,020	48.6%
KUANTAN	137,176	135,015	272,191	20,969	20,970	41,939	158,145	155,985	314,130	-	-	-	314,130	317,440	-1.0%
TIOMAN	4,429	4,621	9,050	72	95	167	4,501	4,716	9,217	-	-	-	9,217	56,054	-83.6%
PANGKOR	104	101	205	0	0	-	104	101	205	-	-	-	205	5,791	-96.5%
REDANG	4,118	4,131	8,249	1,381	1,457	2,838	5,499	5,588	11,087	-	-	-	11,087	35,982	-69.2%
LABUAN	359,499	355,222	714,721	152	179	331	359,651	355,401	715,052	74,440	2	74,442	789,494	738,769	6.9%
LAHAD DATU	80,011	81,219	161,230	0	0	-	80,011	81,219	161,230	-	-	-	161,230	145,930	10.5%
SANDAKAN	436,570	440,529	877,099	178	198	376	436,748	440,727	877,475	22,541	-	22,541	900,016	911,855	-1.3%
TAWAU	595,998	598,992	1,194,990	10,845	12,476	23,321	606,843	611,468	1,218,311	305	-	305	1,218,616	1,202,344	1.4%
BINTULU	396,648	398,470	795,118	0	0	-	396,648	398,470	795,118	37,322	-	37,322	832,440	779,774	6.8%
MIRI	1,131,995	1,145,775	2,277,770	38,255	39,046	77,301	1,170,250	1,184,821	2,355,071	8,009	-	8,009	2,363,080	2,223,172	6.3%
SIBU	703,940	707,599	1,411,539	0	0	-	703,940	707,599	1,411,539	29,396	-	29,396	1,440,935	1,383,887	4.1%
MULU	25,269	25,605	50,874	819	482	1,301	26,088	26,087	52,175	5,265	3,321	8,586	60,761	49,432	22.9%
LIMBANG	31,478	32,392	63,870	0	0	-	31,478	32,392	63,870	-	-	-	63,870	64,670	-1.2%
STOL SABAH	1,807	1,778	3,585	0	0	-	1,807	1,778	3,585	1,005	-	1,005	4,590	5,174	-11.3%
STOL SARAWAK	71,648	76,488	148,136	0	0	-	71,648	76,488	148,136	11,164	-	11,164	159,300	153,031	4.1%
SEMENANJUNG Peninsular	13,873,020	13,876,504	27,749,524	18,918,016	19,002,168	37,920,184	32,791,036	32,878,672	65,669,708	5,375	358,575	363,950	66,033,658	62,112,319	6.3%
SABAH	4,046,577	4,059,440	8,106,017	822,082	833,511	1,655,593	4,868,659	4,892,951	9,761,610	102,398	2,906	105,304	9,866,914	9,939,869	-0.7%
SARAWAK	4,614,701	4,633,519	9,248,220	199,168	209,299	408,467	4,813,869	4,842,818	9,656,687	109,127	7,394	116,521	9,773,208	9,525,002	2.6%
JUMLAH Total	22,534,298	22,569,463	45,103,761	19,939,266	20,044,978	39,984,244	42,473,564	42,614,441	85,088,005	216,900	368,875	585,775	85,673,780	81,577,190	5.0%

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN. BHD

**JADUAL 4.6 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG
(TIDAK TERMASUK KARGO TRANSIT), MALAYSIA, 2005-2014**

Table 4.6 : Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2005-2014

METRIC TONNES

LAPANGAN TERBANG <i>Airports</i>	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
KLIA	653,654	672,888	644,100	649,077	584,559	674,902	669,849	673,107	680,983	753,899
PULAU PINANG	193,633	216,658	191,637	178,921	131,130	138,576	121,804	113,605	111,852	118,812
KOTA KINABALU	25,473	28,356	35,638	34,532	21,060	21,145	27,806	23,382	21,816	23,533
KUCHING	27,106	28,552	23,059	18,863	20,616	26,835	24,574	15,724	21,890	27,939
LANGKAWI	449	487	524	589	572	434	646	696	598	567
JOHOR BHARU	7,518	4,366	5,444	5,068	5,158	6,242	5,439	3,149	3,444	4,934
KOTA BHARU	168	210	163	181	185	177	164	147	179	397
IPOH	437	357	10	0	0	0	0	34	403	296
KUALA TERENGGANU	94	70	47	24	24	50	103	147	103	148
ALOR SETAR	118	111	55	41	34	34	46	123	126	230
MELAKA	287	141	219	179	127	144	139	195	0	0
SUBANG	46,082	71,953	63,382	18,473	18,536	19,988	19,928	22,680	26,443	28,128
KUANTAN	75	109	103	70	70	49	38	57	86	46
TIOMAN	0	0	0	0	0	0	0	73	30	15
PANGKOR	0	0	0	0	0	0	0	5	21	0
REDANG	0	0	0	0	0	0	0	27	27	17
LABUAN	1,914	2,533	3,177	3,781	3,783	4,128	4,835	5,812	8,067	9,543
LAHAD DATU	334	170	0	0	0	0	42	185	200	179
SANDAKAN	4,531	5,475	6,224	3,055	2,099	2,806	2,295	2,470	2,891	2,495
TAWAU	3,885	3,030	2,134	1,262	1,951	3,045	3,198	2,489	2,844	3,265
BINTULU	2,074	2,187	2,249	1,978	1,903	1,703	2,071	2,571	2,528	2,306
MIRI	5,389	4,078	3,564	4,146	3,921	6,770	8,198	9,879	9,799	8,029
SIBU	1,377	1,040	892	735	856	1,133	1,147	1,596	1,407	1,433
MULU	459	240	191	262	346	396	370	322	354	319
LIMBANG	289	379	440	475	530	560	498	744	742	596
STOL SABAH	1	1	0	0	0	0	0	0	0	0
STOL SARAWAK	522	384	832	685	400	454	549	511	396	289
SEMENANJUNG Peninsular	902,515	967,349	905,685	852,623	740,394	840,597	818,155	814,047	824,294	907,490
SABAH	36,139	39,564	47,174	42,630	28,893	31,124	38,175	34,338	35,819	39,015
SARAWAK	37,217	36,860	31,226	27,145	28,572	37,850	37,407	31,347	37,116	40,911
JUMLAH Total	975,871	1,043,774	984,085	922,398	797,858	909,571	893,737	879,732	897,228	987,415

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN. BHD

JADUAL 4.7 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2014
Table 4.7 : Total Cargo Handled by Airports, Malaysia, 2014

KILOGRAM

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>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DIHANTAR <i>Unloaded</i>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DIHANTAR <i>Unloaded</i>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DALAM NEGERI <i>Domestic</i>	ANTARABANGSA <i>International</i>	JUMLAH <i>Total</i>	2014	2013	% +/-
KLIA	25,750,473	55,853,501	81,603,974	342,561,337	329,733,743	672,295,080	368,311,810	385,587,244	753,899,054	-	-	-	753,899,054	680,982,948	10.7%
PULAU PINANG	4,747,339	7,526,761	12,274,100	57,546,460	48,991,581	106,538,041	62,293,799	56,518,342	118,812,141	5,543,460	16,857,893	22,401,353	141,213,494	153,703,274	-8.1%
KOTA KINABALU	12,735,716	9,054,764	21,790,480	551,637	1,190,819	1,742,456	13,287,353	10,245,583	23,532,936	75,645	159,949	235,594	23,768,530	21,922,412	8.4%
KUCHING	18,082,791	8,471,264	26,554,055	423,452	961,610	1,385,062	18,506,243	9,432,874	27,939,117	94,868	6,393	101,261	28,040,378	21,993,026	27.5%
LANGKAWI	488,054	45,790	533,844	32,758	-	32,758	520,812	45,790	566,602	0	-	-	566,602	629,954	-10.1%
JOHOR BHARU	2,308,895	1,475,049	3,783,944	525,361	624,989	1,150,350	2,834,256	2,100,038	4,934,294	-	-	-	4,934,294	3,443,931	43.3%
KOTA BHARU	278,471	118,750	397,221	-	-	-	278,471	118,750	397,221	-	-	-	397,221	179,240	121.6%
IPOH	2,377	3,090	5,467	132,237	158,455	290,692	134,614	161,545	296,159	-	-	-	296,159	403,296	-26.6%
KUALA TERENGGANU	95,050	53,044	148,094	-	-	-	95,050	53,044	148,094	-	-	-	148,094	102,957	43.8%
ALOR SETAR	89,170	140,999	230,169	-	-	-	89,170	140,999	230,169	-	-	-	230,169	126,178	82.4%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	4,712,839	6,364,228	11,077,067	8,441,781	8,608,762	17,050,543	13,154,620	14,972,990	28,127,610	-	-	-	28,127,610	26,443,258	6.4%
KUANTAN	36,391	2,593	38,984	4,611	2,770	7,381	41,002	5,363	46,365	-	-	-	46,365	85,626	-45.9%
TIOMAN	13,617	893	14,510	-	-	-	13,617	893	14,510	-	-	-	14,510	29,754	-51.2%
PANGKOR	286	-	286	-	-	-	286	-	286	-	-	-	286	20,617	-98.6%
REDANG	16,477	830	17,307	-	110	110	16,477	940	17,417	-	-	-	17,417	26,572	-34.5%
LABUAN	2,458,260	1,785,129	4,243,389	3,605,662	1,694,158	5,299,820	6,063,922	3,479,287	9,543,209	794,820	1,252,825	2,047,645	11,590,854	9,328,999	24.2%
LAHAD DATU	145,902	33,030	178,932	-	-	-	145,902	33,030	178,932	-	-	-	178,932	200,328	-10.7%
SANDAKAN	579,217	1,915,739	2,494,956	-	-	-	579,217	1,915,739	2,494,956	2,205	-	2,205	2,497,161	2,894,179	-13.7%
TAWAU	1,061,415	2,202,977	3,264,392	55	80	135	1,061,470	2,203,057	3,264,527	-	-	-	3,264,527	2,844,145	14.8%
BINTULU	1,415,526	890,734	2,306,260	-	-	-	1,415,526	890,734	2,306,260	11,298	-	11,298	2,317,558	2,552,604	-9.2%
MIRI	5,680,124	2,257,395	7,937,519	85,306	6,404	91,710	5,765,430	2,263,799	8,029,229	-	-	-	8,029,229	9,800,887	-18.1%
SIBU	1,071,031	361,691	1,432,722	-	-	-	1,071,031	361,691	1,432,722	27,279	-	27,279	1,460,001	1,413,141	3.3%
MULU	315,589	2,967	318,556	-	-	-	315,589	2,967	318,556	-	-	-	318,556	354,476	-10.1%
LIMBANG	259,915	335,916	595,831	-	-	-	259,915	335,916	595,831	-	-	-	595,831	741,602	-19.7%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	142,945	146,098	289,043	-	-	-	142,945	146,098	289,043	155,308	-	155,308	444,351	551,990	-19.5%
SEMANJUNG Peninsular	38,539,439	71,585,528	110,124,967	409,244,545	388,120,410	797,364,955	447,783,984	459,705,938	907,489,922	5,543,460	16,857,893	22,401,353	929,891,275	866,177,605	7.4%
SABAH	16,980,510	14,991,639	31,972,149	4,157,354	2,885,057	7,042,411	21,137,864	17,876,696	39,014,560	872,670	1,412,774	2,285,444	41,300,004	37,190,063	11.1%
SARAWAK	26,967,921	12,466,065	39,433,986	508,758	968,014	1,476,772	27,476,679	13,434,079	40,910,758	288,753	6,393	295,146	41,205,904	37,406,926	10.2%
JUMLAH Total	82,487,870	99,043,232	181,531,102	413,910,657	391,973,481	805,884,138	496,398,527	491,016,713	987,415,240	6,704,883	18,277,060	24,981,943	1,012,397,183	940,774,595	7.6%

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN. BHD

**JADUAL 4.8 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG
(TIDAK TERMASUK MEL TRANSIT), MALAYSIA, 2005-2014**
Table 4.8 : Total Mail Handled by Airports (Excluding Mel in Transit), Malaysia, 2005-2014

METRIC TONNES

LAPANGAN TERBANG <i>Airports</i>	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
KLIA	2,999	4,558	8,794	18,418	17,061	19,394	25,463	29,119	32,271	33,942
PULAU PINANG	9	2	1	0.397	7	4	12	1	3	7
KOTA KINABALU	5,032	3,787	4,044	3,149	1,601	1,486	1,681	2,246	1,751	1,386
KUCHING	3,740	2,932	1,996	998	794	642	479	496	727	715
LANGKAWI	46	58	58	83	73	90	131	222	254	279
JOHOR BHARU	226	171	175	236	322	322	330	214	244	281
KOTA BHARU	-	-	-	-	-	-	-	-	-	-
IPOH	132	10	4	8	5	12	16	48	38	36
KUALA TERENGGANU	0.004	-	-	2	55	47	58	185	224	344
ALOR SETAR	-	-	-	-	-	-	-	-	-	-
MELAKA	7,006	1,656	-	-	-	-	-	-	7	0
SUBANG	2	-	0.026	0.001	-	2	1	-	-	0
KUANTAN	-	-	-	-	-	-	-	1	-	-
TIOMAN	-	-	-	-	-	-	-	-	-	-
PANGKOR	257	291	334	399	360	378	412	476	507	519
REDANG	154	212	157	193	212	207	213	275	165	3
LABUAN	52	90	9	233	254	476	459	418	287	36
LAHAD DATU	264	102	27	281	242	439	457	497	471	197
SANDAKAN	130	238	83	339	382	264	218	41	53	57
TAWAU	1,622	1,428	1,806	1,665	2,171	1,564	1,608	1,903	2,124	2,824
BINTULU	1,040	680	59	-	849	287	371	226	611	604
MIRI	-	-	-	-	-	-	-	-	-	-
SIBU	55	81	-	84	46	28	25	38	37	42
MULU	0.047	0.06	-	-	-	-	-	-	-	-
LIMBANG	35	25	6	10	7	13	15	7	13	36
STOL SABAH	1	1	0	0	0	0	0	0	0	0
STOL SARAWAK	522	384	832	685	400	454	549	511	396	289
SEMENANJUNG Peninsular	10,421	6,455	9,033	18,747	17,523	19,870	26,011	29,790	33,040	34,891
SABAH	5,759	4,481	4,572	4,254	2,669	2,987	3,222	3,911	3,181	2,141
SARAWAK	6,622	5,384	3,949	3,096	4,248	2,798	2,716	2,711	3,565	4,277
JUMLAH Total	22,802	16,319	17,554	26,097	24,440	25,655	31,949	36,412	39,786	41,309

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.9 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2014
Table 4.9 : Total Mail Handled by Airports, Malaysia, 2014

KILOGRAM

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			TRANSIT Transit			PERBANDINGAN TAHUN KE TAHUN Year on Year Comparison		
	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DALAM NEGERI Domestic	ANTARABANGSA International	JUMLAH Total	2014	2013	% +/-
KLIA	784,510	1,520,085	2,304,595	15,841,283	15,796,616	31,637,899	16,625,793	17,316,701	33,942,494	-	-	-	33,942,494	32,271,396	5.2%
PULAU PINANG	130	3,552	3,682	3,685	80	3,765	3,815	3,632	7,447	3,516	41,588	45,104	52,551	3,344	1471.5%
KOTA KINABALU	530,787	411,121	941,908	363,966	79,970	443,936	894,753	491,091	1,385,844	1,544	1,818	3,362	1,389,206	1,750,925	-20.7%
KUCHING	91,939	591,384	683,323	-	31,206	31,206	91,939	622,590	714,529	-	-	-	714,529	727,149	-1.7%
LANGKAWI	198,008	81,329	279,337	-	-	-	198,008	81,329	279,337	-	-	-	279,337	262,786	6.3%
KOTA BHARU	182,700	97,856	280,556	-	-	-	182,700	97,856	280,556	-	-	-	280,556	243,537	15.2%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUALA TERENGGANU	36,312	90	36,402	-	-	-	36,312	90	36,402	-	-	-	36,402	37,768	-3.6%
ALOR SETAR	223	343,668	343,891	-	-	-	223	343,668	343,891	-	-	-	343,891	223,931	53.6%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	1	43	44	-	-	-	1	43	44	-	-	-	44	6,502	-
KUANTAN	407	-	407	-	-	-	407	-	407	-	-	-	407	-	-
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	444,199	74,927	519,126	-	-	-	444,199	74,927	519,126	3,803	-	3,803	522,929	511,272	2.3%
LAHAD DATU	3,078	22	3,100	-	-	-	3,078	22	3,100	-	-	-	3,100	165,143	-98.1%
SANDAKAN	31,398	4,552	35,950	-	-	-	31,398	4,552	35,950	-	-	-	35,950	301,257	-88.1%
TAWAU	187,780	9,204	196,984	-	-	-	187,780	9,204	196,984	-	-	-	196,984	470,839	-58.2%
BINTULU	55,808	726	56,534	-	-	-	55,808	726	56,534	383	-	383	56,917	52,669	8.2%
MIRI	1,994,897	829,084	2,823,981	-	-	-	1,994,897	829,084	2,823,981	-	-	-	2,823,981	2,124,267	32.9%
SIBU	581,001	22,689	603,690	-	-	-	581,001	22,689	603,690	421	-	421	604,111	611,486	-1.2%
MULU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMBANG	3,404	38,918	42,322	-	-	-	3,404	38,918	42,322	-	-	-	42,322	36,521	15.9%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	14,778	21,427	36,205	-	-	-	14,778	21,427	36,205	955	-	955	37,160	13,224	181.0%
SEMENANJUNG Peninsular	1,202,291	2,046,623	3,248,914	15,844,968	15,796,696	31,641,664	17,047,259	17,843,319	34,890,578	3,516	43,406	46,922	34,937,500	33,049,264	5.7%
SABAH	1,197,242	499,826	1,697,068	363,966	79,970	443,936	1,561,208	579,796	2,141,004	5,347	1,818	7,165	2,148,169	3,199,436	-32.9%
SARAWAK	2,741,827	1,504,228	4,246,055	-	31,206	31,206	2,741,827	1,535,434	4,277,261	1,759	-	1,759	4,279,020	3,565,316	20.0%
JUMLAH Total	5,141,360	4,050,677	9,192,037	16,208,934	15,907,872	32,116,806	21,350,294	19,958,549	41,308,843	10,622	45,224	55,846	41,364,689	39,814,016	3.9%

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

**JADUAL 4.10 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT
LAPANGAN TERBANG, MALAYSIA, 2005-2014**

Table 4.10 : Total Commercial Aircraft Movement Handled by Airports, Malaysia, 2005-2014

LAPANGAN TERBANG <i>Airports</i>	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
KLIA	181,341	182,548	192,304	209,681	225,251	244,179	268,265	282,290	325,537	339,650
PULAU PINANG	31,173	31,448	34,508	38,335	38,343	44,753	50,610	49,966	56,760	63,396
KOTA KINABALU	49,680	50,594	49,881	52,463	52,677	55,089	59,638	58,366	67,601	68,776
KUCHING	39,430	37,167	34,192	36,087	41,437	42,940	49,613	43,981	53,095	50,917
LANGKAWI	8,021	8,287	10,828	12,242	12,638	13,274	14,510	15,162	17,675	21,722
JOHOR BHARU	-	-	-	-	13,552	11,934	12,626	12,501	37,998	42,976
KOTA BHARU	8,765	10,368	13,074	14,083	13,709	13,180	15,304	17,112	20,527	25,028
IPOH	1,145	954	12	183	384	844	1,536	1,515	1,464	1,960
KUALA TERENGGANU	4,623	3,792	4,533	6,038	6,006	5,959	6,006	6,506	7,365	9,659
ALOR SETAR	3,267	2,820	2,668	2,934	4,578	4,513	4,841	5,274	5,795	8,421
MELAKA	1,328	596	714	700	616	584	466	1,053	580	320
SUBANG	8,988	9,158	7,234	11,448	19,897	24,509	30,779	33,224	41,707	56,629
KUANTAN	3,500	2,748	3,253	3,334	2,947	2,628	3,178	3,395	3,289	3,572
TIOMAN	1,668	1,836	1,597	1,603	1,591	1,662	1,766	1,682	1,538	272
PANGKOR	530	514	517	503	502	174	32	324	258	8
REDANG	1,110	934	1,053	1,083	862	1,356	1,319	877	955	430
LABUAN	9,292	9,332	10,127	11,212	10,868	11,988	12,645	13,448	15,072	15,533
LAHAD DATU	3,010	3,203	2,195	2,922	2,922	2,860	2,941	3,058	3,321	3,689
SANDAKAN	10,876	10,034	7,719	8,991	10,214	12,095	10,757	12,177	11,536	11,715
TAWAU	8,531	8,005	6,863	7,334	8,885	9,723	9,328	9,689	11,784	12,832
BINTULU	13,146	11,388	6,542	8,933	10,948	10,994	11,270	11,444	12,428	12,246
MIRI	40,302	39,462	33,022	35,178	38,836	39,509	40,931	42,351	44,875	46,504
SIBU	16,683	15,092	11,765	14,307	16,275	17,899	18,211	15,923	17,196	17,878
MULU	2,620	2,220	1,638	1,642	1,570	1,726	1,912	1,760	2,306	2,701
LIMBANG	5,490	4,242	2,300	1,860	1,697	1,947	1,896	1,880	2,075	2,154
STOL SABAH	814	800	338	459	-	167	264	192	231	226
STOL SARAWAK	14,322	14,718	12,457	12,716	12,140	13,538	14,118	13,534	12,886	15,324
SEMENANJUNG Peninsular	255,459	256,003	272,295	302,167	340,876	369,549	411,238	430,881	521,448	574,043
SABAH	82,203	81,968	77,123	83,381	85,566	91,922	95,573	96,930	109,545	112,771
SARAWAK	131,993	124,289	101,916	110,723	122,903	128,553	137,951	130,873	144,861	147,724
JUMLAH Total	469,655	462,260	451,334	496,271	549,345	590,024	644,762	658,684	775,854	834,538

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN. BHD

JADUAL 4.11 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2014
Table 4.10 : Total Commercial Aircraft Movement Handled by Airports, Malaysia, 2014

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>	2014	2013	% +/-
KLIA	110,890	1,307	112,197	225,778	1,675	227,453	336,668	2,982	339,650	339,650	325,537	4.3%
PULAU PINANG	38,127	-	38,127	25,269	-	25,269	63,396	-	63,396	63,396	56,760	11.7%
KOTA KINABALU	50,589	3,829	54,418	14,358	-	14,358	64,947	3,829	68,776	68,776	67,601	1.7%
KUCHING	41,579	4,547	46,126	4,394	397	4,791	45,973	4,944	50,917	50,917	53,095	-4.1%
LANGKAWI	20,094	-	20,094	1,628	-	1,628	21,722	-	21,722	21,722	17,675	22.9%
JOHOR BHARU	21,491	18,530	40,021	1,640	1,315	2,955	23,131	19,845	42,976	42,976	37,998	13.1%
KOTA BHARU	21,542	3,272	24,814	214	-	214	21,756	3,272	25,028	25,028	20,527	21.9%
IPOH	429	5	434	1,526	-	1,526	1,955	5	1,960	1,960	1,464	33.9%
KUALA TERENGGANU	9,445	-	9,445	214	-	214	9,659	-	9,659	9,659	7,365	31.1%
ALOR SETAR	8,401	-	8,401	-	20	20	8,401	20	8,421	8,421	5,795	45.3%
MELAKA	140	-	140	180	-	180	320	-	320	320	580	-44.8%
SUBANG	48,104	-	48,104	8,525	-	8,525	56,629	-	56,629	56,629	41,707	35.8%
KUANTAN	2,792	-	2,792	780	-	780	3,572	-	3,572	3,572	3,289	8.6%
TIOMAN	266	-	266	6	-	6	272	-	272	272	1,538	-82.3%
PANGKOR	8	-	8	-	-	-	8	-	8	8	258	-96.9%
REDANG	280	-	280	150	-	150	430	-	430	430	955	-55.0%
LABUAN	11,483	3,608	15,091	395	47	442	11,878	3,655	15,533	15,533	15,072	3.1%
LAHAD DATU	3,624	65	3,689	-	-	-	3,624	65	3,689	3,689	3,321	11.1%
SANDAKAN	10,714	988	11,702	1	12	13	10,715	1,000	11,715	11,715	11,536	1.6%
TAWAU	11,589	548	12,137	681	14	695	12,270	562	12,832	12,832	11,784	8.9%
BINTULU	11,118	1,106	12,224	-	22	22	11,118	1,128	12,246	12,246	12,428	-1.5%
MIRI	33,869	11,345	45,214	1,290	-	1,290	35,159	11,345	46,504	46,504	44,875	3.6%
SIBU	17,877	-	17,877	-	1	1	17,877	1	17,878	17,878	17,196	4.0%
MULU	2,385	-	2,385	316	-	316	2,701	-	2,701	2,701	2,306	17.1%
LIMBANG	2,154	-	2,154	-	-	-	2,154	-	2,154	2,154	2,075	3.8%
STOL SABAH	226	-	226	-	-	-	226	-	226	226	231	-2.2%
STOL SARAWAK	15,324	-	15,324	-	-	-	15,324	-	15,324	15,324	12,886	18.9%
SEMENANJUNG <i>Peninsular</i>	282,009	23,114	305,123	265,910	3,010	268,920	547,919	26,124	574,043	574,043	521,448	10.1%
SABAH	88,225	9,038	97,263	15,435	73	15,508	103,660	9,111	112,771	112,771	109,545	2.9%
SARAWAK	124,306	16,998	141,304	6,000	420	6,420	130,306	17,418	147,724	147,724	144,861	2.0%
JUMLAH <i>Total</i>	494,540	49,150	543,690	287,345	3,503	290,848	781,885	52,653	834,538	834,538	775,854	7.6%

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN. BHD

JADUAL 4.12 : PERGERAKAN TRAFIK DI ANTARA LAPANGAN TERBANG-LAPANGAN TERBANG MALAYSIA (TERMASUK SINGAPURA), 2014
Table 4.12 : Traffic Movement Between Malaysian Airports (Including Singapore), 2014

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	204,334	206,757	411,091	18,506	13,811	32,317	223	343,668	343,891
KUALA LUMPUR	-	IPOH	-	-	-	-	-	-	-	-	-
KUALA LUMPUR	-	JOHOR BHARU	318,674	611,727	930,401	1,045,418	546,232	1,591,650	-	-	-
KUALA LUMPUR	-	KOTA BHARU	525,979	529,240	1,055,219	193,822	58,506	252,328	44,909	-	44,909
KUALA LUMPUR	-	KOTA KINABALU	1,252,253	1,261,361	2,513,614	11,633,961	4,950,369	16,584,330	437,787	298,953	736,740
KUALA LUMPUR	-	TERENGGANU	288,529	293,743	582,272	13,079	40,108	53,187	36,525	-	36,525
KUALA LUMPUR	-	KUANTAN	124,841	122,196	247,037	42,070	2,593	44,663	407	-	407
KUALA LUMPUR	-	KUCHING	1,101,253	1,092,407	2,193,660	14,984,208	5,135,300	20,119,508	33,768	5	33,773
KUALA LUMPUR	-	LABUAN	190,077	188,091	378,168	3,454,466	543,802	3,998,268	408,766	50,023	458,789
KUALA LUMPUR	-	LANGKAWI	809,497	815,391	1,624,888	467,269	23,568	490,837	198,466	81,329	279,795
KUALA LUMPUR	-	MIRI	398,231	401,091	799,322	3,163,995	562,920	3,726,915	94,094	8	94,102
KUALA LUMPUR	-	PULAU PINANG	876,599	909,815	1,786,414	5,374,527	6,217,646	11,592,173	131	-	131
KUALA LUMPUR	-	SINGAPURA	1,669,937	1,709,814	3,379,751	10,732,169	10,657,873	21,390,042	195,609	998,813	1,194,422
KUALA LUMPUR	-	SIBU	308,265	309,103	617,368	583,784	189,435	773,219	66,363	-	66,363
KUALA LUMPUR	-	TAWAU	282,444	287,122	569,566	809,550	961,792	1,771,342	146,845	6,260	153,105
PULAU PINANG	-	LANGKAWI	95,109	98,380	193,489	7,562	5,024	12,586	-	-	-
PULAU PINANG	-	SINGAPURA	535,106	527,461	1,062,567	1,695,181	14,859,214	16,554,395	-	-	-
KOTA KINABALU	-	JOHOR BHARU	141,866	141,813	283,679	-	-	-	-	-	-
KOTA KINABALU	-	TAWAU	270,349	269,281	539,630	242,058	1,215,960	1,458,018	39,325	1,159	40,484
KOTA KINABALU	-	LABUAN	78,552	81,406	159,958	352,809	42,484	395,293	40,565	27,251	67,816
KOTA KINABALU	-	LAHAD DATU	80,014	81,293	161,307	145,922	33,232	179,154	3,078	22	3,100
KOTA KINABALU	-	MIRI	123,308	120,187	243,495	280,877	99,525	380,402	12	-	12
KOTA KINABALU	-	SIBU	38,166	35,808	73,974	113,833	2,701	116,534	122	-	122
KOTA KINABALU	-	KUCHING	208,226	211,330	419,556	124,798	931,977	1,056,775	-	65,458	65,458
KOTA KINABALU	-	SINGAPURA	98,667	92,068	190,735	86,214	31,752	117,966	-	63,122	63,122
KUCHING	-	JOHOR BHARU	155,743	157,575	313,318	-	-	-	-	-	-
KUCHING	-	PULAU PINANG	76,203	74,389	150,592	-	-	-	-	-	-
KUCHING	-	SINGAPURA	129,081	120,504	249,585	235,937	346,754	582,691	-	-	-
BINTULU	-	MIRI	20,082	20,706	40,788	478	16,175	16,653	-	46	46
MIRI	-	LABUAN	77,022	72,382	149,404	33,104	15,763	48,867	-	1,020	1,020
MIRI	-	SIBU	56,179	58,522	114,701	3,459	7,181	10,640	184	-	184
SANDAKAN	-	TAWAU	19,004	18,007	37,011	3,724	1,221	4,945	-	5	5
LANGKAWI	-	SINGAPURA	85,316	82,303	167,619	-	32,758	32,758	-	-	-
MIRI	-	JOHOR BHARU	35,408	34,847	70,255	-	-	-	-	-	-

SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

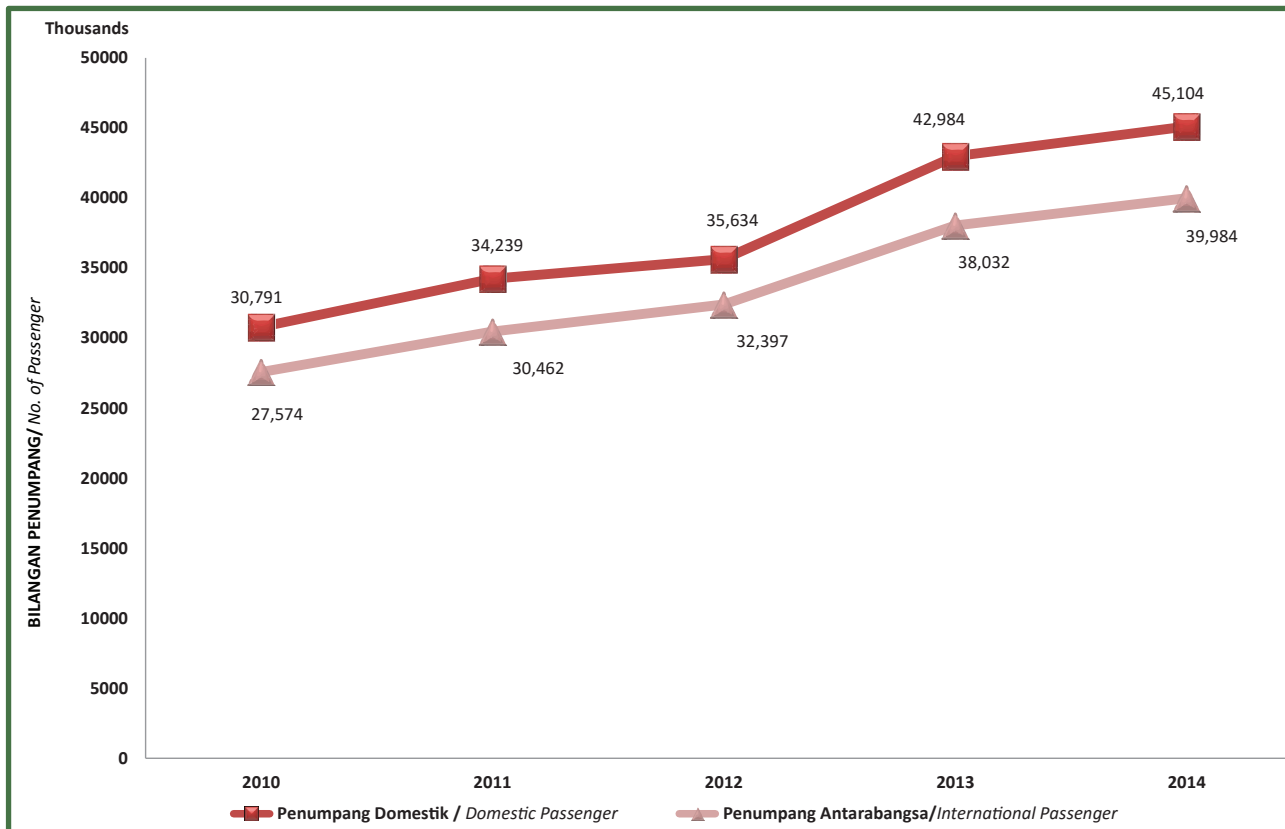
JADUAL 4.13 : PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2014
Table 4.12 : Traffic Movement for Rural Air Services, Sabah and Sarawak, 2014

SEKTOR Sector			PENUMPANG Passenger			KARGO (KG) Cargo (KG)			MEL (KG) Mail (KG)		
A	-	B	(A-B)	(B-A)	JUMLAH Total	(A-B)	(B-A)	JUMLAH Total	(A-B)	(B-A)	JUMLAH Total
SABAH											
BARIO	-	MARUDI	N/A	N/A	-	N/A	N/A	-	N/A	N/A	-
BELAGA	-	BINTULU	-	-	-	-	-	-	-	-	-
BINTULU	-	MUKAH	-	-	-	-	-	-	-	-	-
KOTA KINABALU	-	KUDAT	171	251	422	2	-	2	2	-	2
KOTA KINABALU	-	SANDAKAN	236,239	233,819	470,058	216,639	1,736,985	1,953,624	29,832	658	30,490
KOTA KINABALU	-	BINTULU	27,139	29,836	56,975	22,844	5,368	28,212	-	-	-
KUDAT	-	SANDAKAN	525	537	1,062	-	-	-	-	-	-
LAWAS	-	KOTA KINABALU	51	25	76	-	-	-	-	-	-
LIMBANG	-	KOTA KINABALU	-	-	-	-	-	-	-	-	-
MIRI	-	BARIO	8,892	8,504	17,396	817	-	817	4	-	4
SANDAKAN	-	TOMANGGONG	-	-	-	-	-	-	-	-	-
SANDAKAN	-	TAWAU	19,004	18,007	37,011	3,724	1,221	4,945	-	5	5
JUMLAH Total			292,021	290,979	583,000	244,026	1,743,574	1,987,600	29,838	663	30,501
SARAWAK											
KUCHING	-	BINTULU	147,104	148,061	295,165	112,980	32,396	145,376	5,454	333	5,787
KUCHING	-	LABUAN	-	-	-	-	-	-	-	-	-
KUCHING	-	MIRI	273,129	274,595	547,724	157,415	60,332	217,747	6,407	18	6,425
KUCHING	-	SIBU	236,371	239,622	475,993	372,242	164,167	536,409	513,940	22,608	536,548
KUCHING	-	MUKAH	13,215	15,239	28,454	2,341	195	2,536	18	-	18
LAWAS	-	MIRI	18,959	18,512	37,471	-	3,209	3,209	-	-	-
LIMBANG	-	MIRI	32,473	31,703	64,176	334,875	118,733	453,608	38,663	98	38,761
LIMBANG	-	LAWAS	-	-	-	-	-	-	-	-	-
MARUDI	-	MIRI	6,979	6,250	13,229	-	594	594	-	517	517
MIRI	-	MULU	17,877	15,924	33,801	152,963	-	152,963	-	-	-
MIRI	-	SIBU	56,179	58,522	114,701	3,459	7,181	10,640	184	-	184
MUKAH	-	MIRI	4,205	3,703	7,908	13	57	70	-	-	-
MUKAH	-	SIBU	-	-	-	-	-	-	-	-	-
SIBU	-	BINTULU	12,192	11,383	23,575	664	1,471	2,135	81	393	474
JUMLAH Total			818,683	823,514	1,642,197	1,136,952	388,335	1,525,287	564,747	23,967	588,714

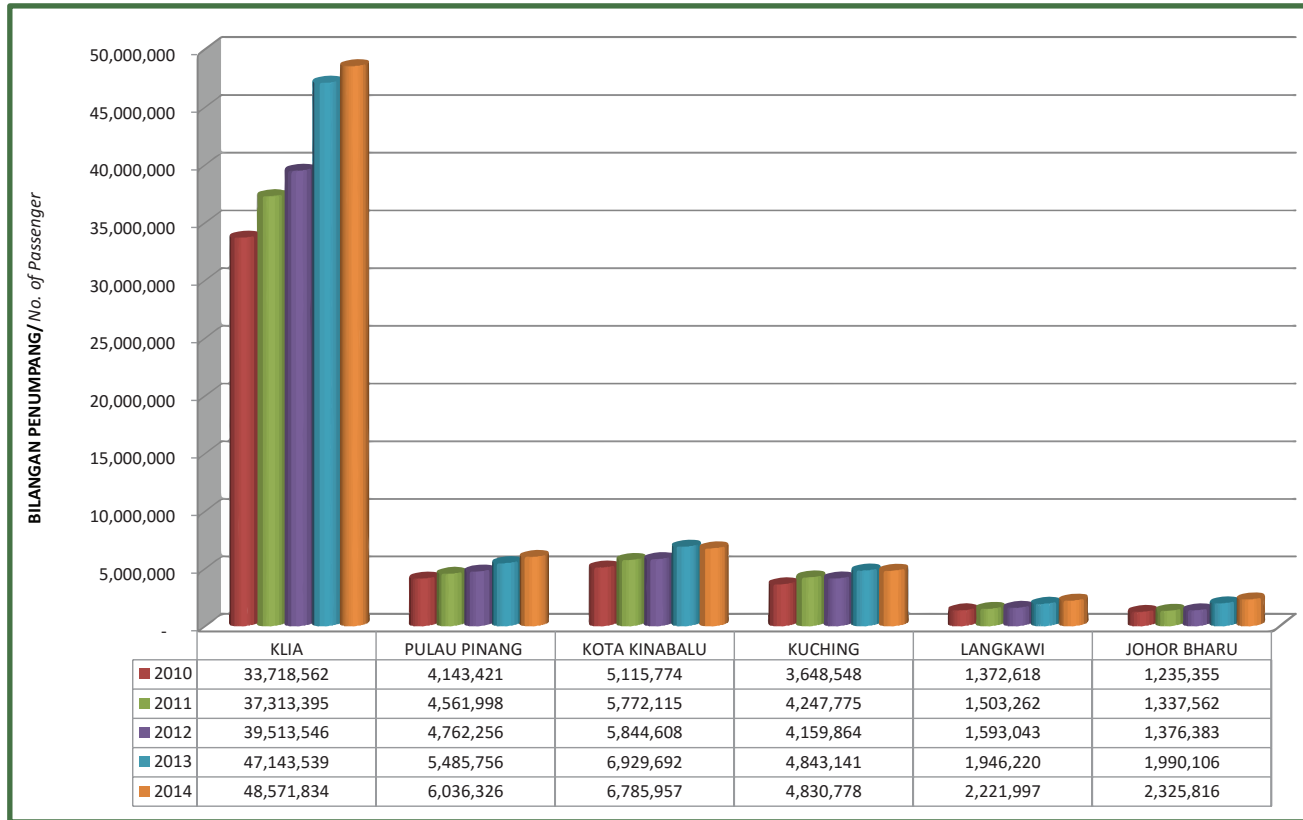
SUMBER/Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

Carta 4.1 : JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2010-2014

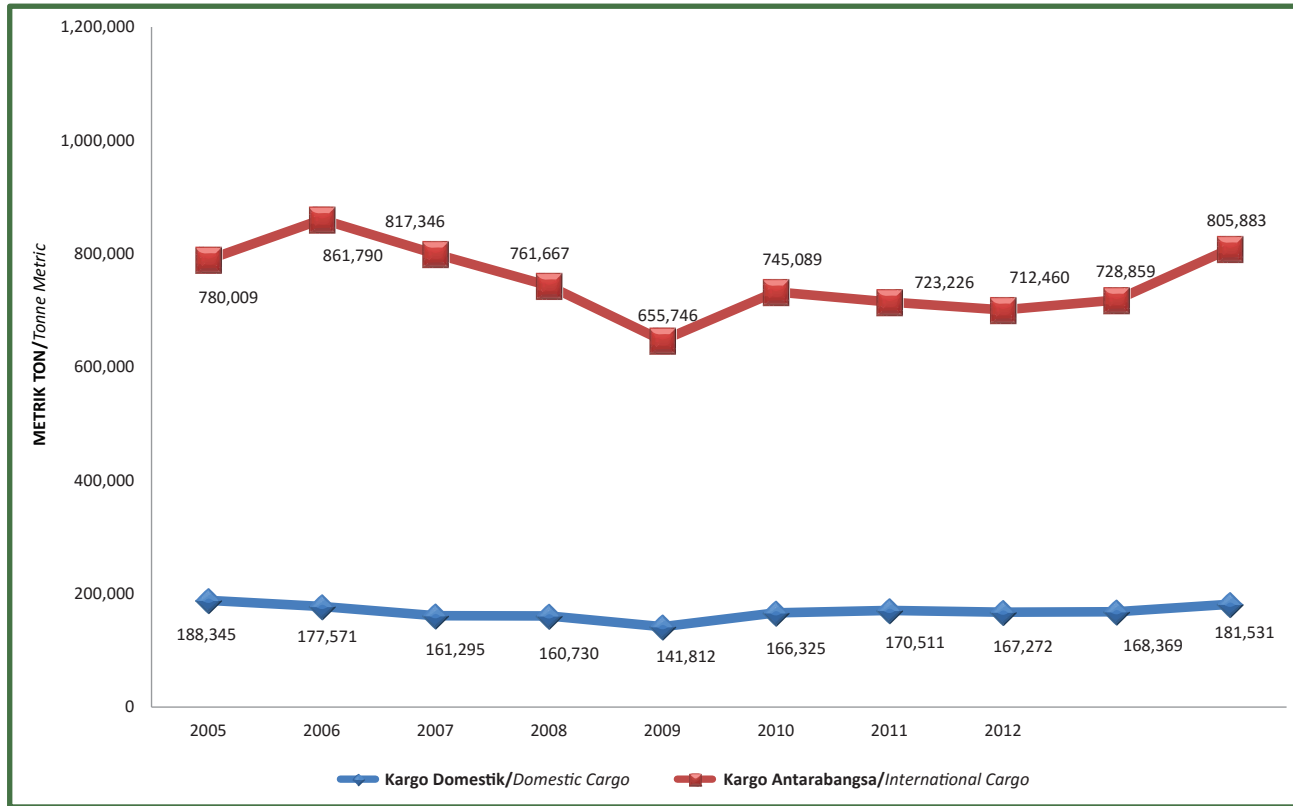
Chart 4.1 : Total Number of Domestic and International Passengers Handled by Airport, Malaysia, 2010-2014



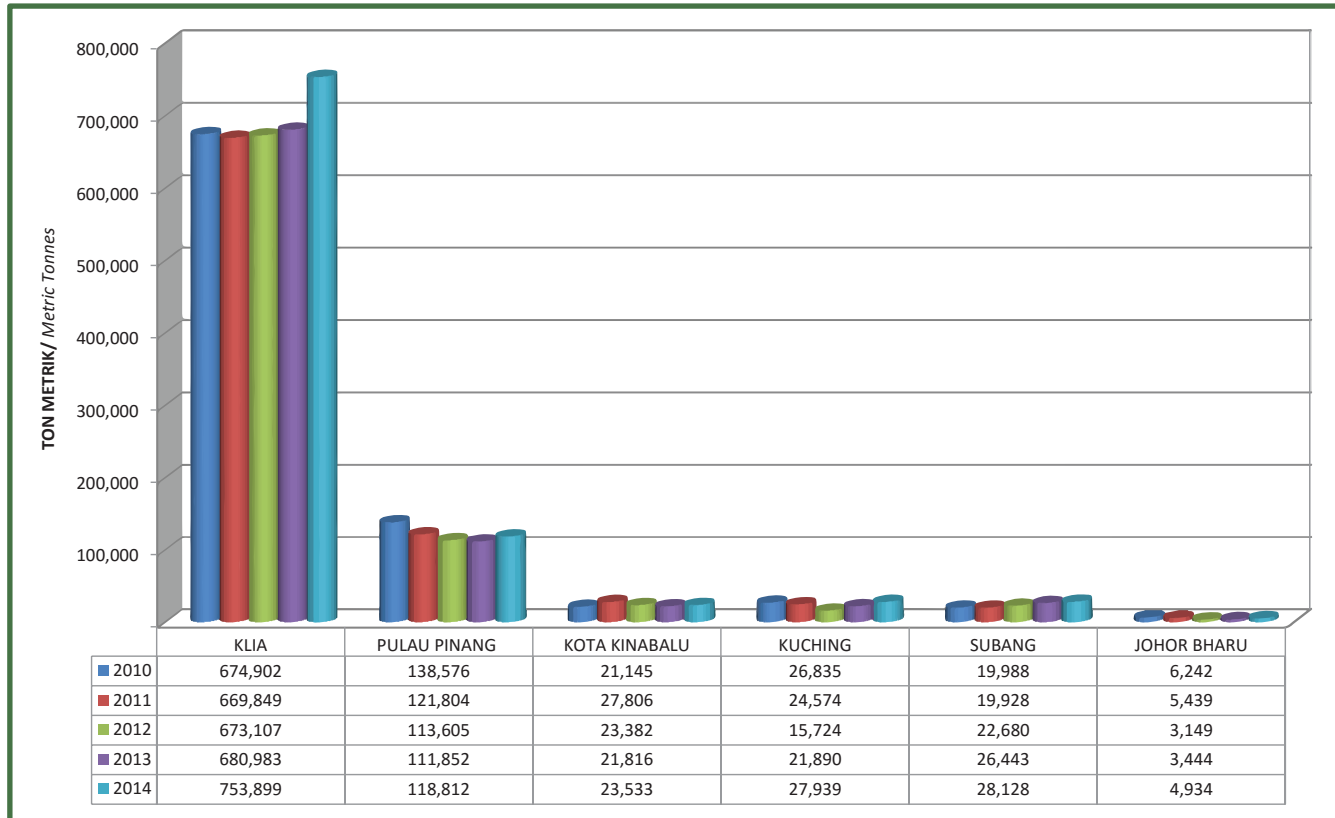
CARTA 4.2 : JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2010-2014
Chart 4.2 : Total Passengers Handled by International Airports, Malaysia, 2010-2014



Carta 4.3 : JUMLAH KARGO DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2005-2014
 Chart 4.3: Total Domestic and International Cargo Handled by Airport, Malaysia, 2005-2014



CARTA 4.4 : JUMLAH KARGO YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2010-2014
Chart 4.4 : Total Cargo Handled by International Airports , Malaysia , 2010-2014

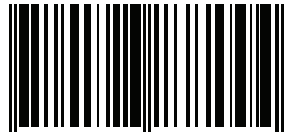




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ISSN 0128-2778



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