



# STATISTIK PENGANGKUTAN MALAYSIA 2013

TRANSPORT STATISTICS MALAYSIA



**Bahan daripada penerbitan ini boleh digunakan secara percuma atau diterbitkan semula dengan syarat sumber maklumat direkodkan dengan tepat. Pengakuan hendaklah dibuat kepada Kementerian Pengangkutan.**

**Semua maklumat yang terkandung dalam penerbitan ini disediakan dan disusun oleh Kementerian Pengangkutan. Semua maklumat yang dicetak dalam penerbitan ini dianggap benar pada masa percetakan.**

**Hakcipta@2014 Kementerian Pengangkutan Malaysia  
ISSN : 0128-2778**

*Material from this publication may be free used or reproduced provided the source of information is accurately recorded. Acknowledgement should be made to the Ministry of Transport.*

*All information contained in this publication are prepared and compiled by the Ministry of Transport. All information printed in this publication are considered true at the time of printing.*

*Copyright@2014 by the Ministry of Transport Malaysia  
ISSN : 0128-2778*





# KANDUNGAN *Content*

**KATA PENGANTAR** *Preface*

xi

**PENGHARGAAN** *Acknowledgement*

xiii

**GLOSARI AKRONIM** *Glossary of Acronyms*

xiv

**PETA** *Maps*

**RANGKAIAN PENGANGKUTAN TRANSIT REL LEMBAH KLANG**

2

*Rail Transport Network of Klang Valley*

**RANGKAIAN PENGANGKUTAN REL SEMENANJUNG MALAYSIA**

3

*Rail Transport Network of Peninsular Malaysia*

**RANGKAIAN PENGANGKUTAN REL SABAH**

4

*Rail Transport Network of Sabah*

**LOKASI PELABUHAN-PELABUHAN PERSEKUTUAN SEMENANJUNG MALAYSIA**

5

*Federal Ports Location of Peninsular Malaysia*

**LOKASI PELABUHAN-PELABUHAN NEGERI SABAH**

6

*State Ports Location of Sabah*

**LOKASI PELABUHAN PERSEKUTUAN DAN PELABUHAN-PELABUHAN NEGERI SARAWAK**

7

*Federal and State Ports Location of Sarawak*

**LOKASI LAPANGAN TERBANG SEMENANJUNG MALAYSIA**

8

*Airport Location of Peninsular Malaysia*

**LOKASI LAPANGAN TERBANG SABAH**

9

*Airport Location of Sabah*



## LOKASI LAPANGAN TERBANG SARAWAK

*Airport Location of Sarawak*

10

## • PENGANGKUTAN DARAT *Land Transport*

### JADUAL *Tables*

1.1	<b>BILANGAN STESEN PENGUATKUASA MENGIKUT NEGERI, MALAYSIA, 2009-2013</b> <i>Number of Enforcement Station by State, Malaysia, 2009-2013</i>	12
1.2	<b>PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2013</b> <i>New Registered Motor Vehicles by Type and State, Malaysia, 2013</i>	13
1.3	<b>JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2013</b> <i>Total Motor Vehicles by Type and State, Malaysia, 2013</i>	14
1.4	<b>PENDAFTARAN BARU KENDERAAN BERMOTOR (KENDERAAN BARANGAN) MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2013</b> <i>New Registered Motor Vehicles (Good Vehicles) by Type and State, Malaysia, 2013</i>	15
1.5	<b>PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS DAN KUASA ENJIN, MALAYSIA, 2013</b> <i>New Registered Motor Vehicles by Type and Engine Capacity, Malaysia, 2013</i>	16
1.6	<b>PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS PENGGUNAAN BAHAN BAKAR, MALAYSIA, 2013</b> <i>New Registered Motor Vehicles by Type of Fuel Usage, Malaysia, 2013</i>	17
1.7	<b>PENDAFTARAN BARU MOTOSIKAL BAGI KENDERAAN PERSENDIRIAN/ BERPENDAFTARAN SYARIKAT MENGIKUT KUASA ENJIN DAN NEGERI, MALAYSIA, 2013</b> <i>New Registered Motorcycle for Individual/ Company Vehicles by Engine Capacity and State, Malaysia, 2013</i>	18



1.8	<b>BILANGAN KENDERAAN DI ATAS JALANRAYA MENGIKUT NEGERI, MALAYSIA, 2009-2013</b> <i>Number of Vehicles on the Road by State, Malaysia, 2009-2013</i>	19
1.9	<b>JUMLAH LESEN MEMANDU MENGIKUT JENIS, MALAYSIA, 2004-2013</b> <i>Total of Driving Licenses by Type, Malaysia, 2004-2013</i>	20
1.10	<b>BILANGAN LESEN YANG DIKELUARKAN MENGIKUT KELAS LESEN, MALAYSIA, 2004-2013</b> <i>Number of Licenses Issued by Class of Licenses, Malaysia, 2004-2013</i>	21
1.11	<b>PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2004-2013</b> <i>Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2004-2013</i>	22
1.12	<b>PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2004-2013</b> <i>Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2004-2013</i>	25
1.13	<b>KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2013</b> <i>Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2013</i>	26
1.14	<b>JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2004-2013</b> <i>Total Road Accidents by States, Malaysia, 2004-2013</i>	27
1.15	<b>JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 2004-2013</b> <i>Total Motor Vehicles Involved in Road Accidents by Type of Vehicle, Malaysia, 2004-2013</i>	28
1.16	<b>JUMLAH KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT TAHUN DAN NEGERI, MALAYSIA, 2004-2013</b> <i>Total Deaths Caused by Road Accidents by Year and States, Malaysia, 2004-2013</i>	29
1.17	<b>JUMLAH KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2004-2013</b> <i>Total Casualties and Deaths Caused by Road Accidents, Malaysia, 2004-2013</i>	30



- CARTA Charts

1.1	<b>PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS, MALAYSIA, 2013</b> <i>New Registered Motor Vehicles by Type, Malaysia, 2013</i>	31
1.2	<b>PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT NEGERI, 2012-2013</b> <i>New Registered Motor Vehicles by State, 2012-2013</i>	32
1.3	<b>JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT JENIS, MALAYSIA, 2012-2013</b> <i>Total Motor Vehicles by Type, Malaysia, 2012-2013</i>	33
1.4	<b>JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT NEGERI, MALAYSIA, 2013</b> <i>Total Motor Vehicles by State, Malaysia, 2013</i>	34
1.5	<b>JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2013</b> <i>Total Road Accidents by States, Malaysia, 2013</i>	35
1.6	<b>JUMLAH KEMALANGAN JALAN RAYA DAN KENDERAAN TERLIBAT, MALAYSIA, 2004-2013</b> <i>Total Road Accidents and Motor Vehicles Involved, Malaysia, 2004-2013</i>	36
1.7	<b>KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2013</b> <i>Deaths Caused by Road Accidents by States, Malaysia, 2013</i>	37
1.8	<b>KECEDERAAN DAN KEMATIAN DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2004-2013</b> <i>Casualties and Deaths Caused by Road Accidents, Malaysia, 2004-2013</i>	38
1.9	<b>KEMALANGAN, PERATUS KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2004-2013</b> <i>Total Accidents, Percentage of Casualties and Deaths Caused by Road Accidents, Malaysia, 2004-2013</i>	39



● **PENGANGKUTAN DARAT REL** *Rail Land Transport*

**JADUAL** *Tables*

<b>2.1</b>	<b>STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2004-2013</b> <i>Malayan Railways Limited Traffic Statistics, 2004-2013</i>	<b>42</b>
<b>2.2</b>	<b>BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2004-2013</b> <i>Number of Passengers and Passenger Kilometres by Classes, 2004-2013</i>	<b>43</b>
<b>2.3</b>	<b>BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2004-2013</b> <i>Number of Passengers and Passenger Kilometres for Express Services, 2004-2013</i>	<b>44</b>
<b>2.4</b>	<b>TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2004-2013</b> <i>Freight Traffic by Type of Cargo, 2004-2013</i>	<b>46</b>
<b>2.5</b>	<b>JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 2004-2013</b> <i>Goods Revenue by Type of Cargo, 2004-2013</i>	<b>47</b>
<b>2.6</b>	<b>DAFTAR LOKOMOTIF, 2004-2013</b> <i>Locomotive Inventory, 2004-2013</i>	<b>48</b>
<b>2.7</b>	<b>DAFTAR KOC PENUMPANG, 2004-2013</b> <i>Passenger Coaches Inventory, 2004-2013</i>	<b>49</b>
<b>2.8</b>	<b>DAFTAR GERABAK BARANG, 2004-2013</b> <i>Freight Wagon Inventory, 2004-2013</i>	<b>50</b>
<b>2.9</b>	<b>BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2004-2013</b> <i>Number of Passengers for Light Rail Transit (LRT) Services, 2004-2013</i>	<b>51</b>





- **CARTA Charts**

2.1	<b>BILANGAN PENUMPANG KTMB DAN KTM KOMUTER BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD, 2004-2013</b> <i>Number of KTMB and Commuter Passengers for Malayan Railways Limited, 2004-2013</i>	52
2.2	<b>JUMLAH KONTENA YANG DIKENDALIKAN KERETAPI TANAH MELAYU BERHAD, 2004-2013</b> <i>Total Container Handled by Malayan Railways Limited, 2004-2013</i>	53
2.3	<b>TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2004-2013</b> <i>Freight Traffic for Malayan Railways Limited, 2004-2013</i>	54
2.4	<b>BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2009-2013</b> <i>Number of Passengers for Light Rail Transit (LRT) Services, 2009-2013</i>	55

- **PENGANGKUTAN MARITIM** *Maritime Transport*

**JADUAL** *Tables*

3.1	<b>JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013</b> <i>Total Cargo Throughput by Ports, Malaysia, 2004-2013</i>	58
3.2	<b>JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2013</b> <i>Total Cargo Throughput by Ports and Type, Malaysia, 2013</i>	62
3.3	<b>BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2013</b> <i>Commodities Loaded by Ports and Types, Malaysia, 2013</i>	63
3.4	<b>BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2013</b> <i>Commodities Unloaded by Ports and Types, Malaysia, 2013</i>	64
3.5	<b>JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013</b> <i>Total Container Throughput by Ports, Malaysia, 2004-2013</i>	65



3.6	<b>JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2004-2013</b> <i>Total Number of Ships Calling by Ports, Malaysia, 2004-2013</i>	68
3.7	<b>JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2013</b> <i>Type of Ships Calling by Ports, Malaysia, 2013</i>	69
3.8	<b>BILANGAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGLASAN BARU) DAN BERAT, MALAYSIA, 2009-2013</b> <i>Number of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2009-2013</i>	70
3.9	<b>JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGLASAN BARU) DAN BERAT, MALAYSIA, 2009-2013</b> <i>Total of Ships Registered in Malaysia by Type (New Classification) And Weight, Malaysia, 2004-2013</i>	71
3.10	<b>JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2009-2013</b> <i>Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSL B), 2009-2013</i>	72
3.11	<b>JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS LESEN DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2009-2013</b> <i>Total Number of Licenses Issued by Type of License and Registration by Domestic Shipping Licensing Board (DSL B), 2009-2013</i>	73
● <b>CARTA Charts</b>		
3.1	<b>JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2013</b> <i>Total Cargo Throughput by Ports, Malaysia, 2013</i>	74



3.2	<b>JUMLAH KARGO YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2004-2013</b> <i>Total Cargo Throughput at Ports, Malaysia, 2004-2013</i>	75
3.3	<b>JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT EKSPORT, IMPORT DAN PINDAH KAPAL DI PELABUHAN MALAYSIA, 2004-2013</b> <i>Total Cargo Throughput by Export, Import and Transshipment at Ports, Malaysia, 2004-2013</i>	76
3.4	<b>JUMLAH KENDALIAN KARGO UNTUK PERDAGANGAN DALAM NEGERI DAN LUAR NEGERI, 2013</b> <i>Total Cargo Handling for Local and Foreign Trade, 2013</i>	77
3.5	<b>JUMLAH PENGENDALIAN EKSPORT DAN IMPORT KONTENA MENGIKUT PELABUHAN, MALAYSIA, 2013</b> <i>Handling of Export and Import Container by Ports, Malaysia, 2013</i>	78
3.6	<b>JUMLAH KONTENA YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2004-2013</b> <i>Total Container Throughput at Ports, Malaysia, 2004-2013</i>	79
3.7	<b>JUMLAH PENGENDALIAN KONTENA EKSPORT DAN IMPORT MENGIKUT TAHUN, MALAYSIA, 2004-2013</b> <i>Total Handling of Export and Import Container by Ports, Malaysia, 2004-2013</i>	80
● <b>PENGANGKUTAN UDARA</b> <i>Air Transport</i>		
<b>JADUAL</b> <i>Tables</i>		
4.1	<b>KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2013</b> <i>International Airport Facilities, Malaysia, 2013</i>	82
4.2	<b>KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2013</b> <i>Domestic Airport Facilities, Malaysia, 2013</i>	83
4.3	<b>KEMUDAHAN PADANG TERBANG, MALAYSIA, 2013</b> <i>Airstrips Facilities, Malaysia, 2013</i>	84



4.4	<b>JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2004-2013</b> <i>Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2004-2013</i>	86
4.5	<b>JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2013</b> <i>Total Passengers Handled by Airports, Malaysia, 2013</i>	87
4.6	<b>JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK KARGO TRANSIT), MALAYSIA, 2004-2013</b> <i>Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2004-2013</i>	88
4.7	<b>JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2013</b> <i>Total Cargo Handled by Airports, Malaysia, 2013</i>	89
4.8	<b>JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK MEL TRANSIT), MALAYSIA, 2004-2013</b> <i>Total Mail Handled by Airports (Excluding Mel in Transit), Malaysia, 2004-2013</i>	90
4.9	<b>JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2013</b> <i>Total Mail Handled by Airports, Malaysia, 2013</i>	91
4.10	<b>JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2004-2013</b> <i>Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2004-2013</i>	92
4.11	<b>JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2013</b> <i>Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2013</i>	93
4.12	<b>PERGERAKAN TRAFIK DI ANTARA LAPANGAN TERBANG-LAPANGAN TERBANG MALAYSIA (TERMASUK SINGAPURA), 2013</b> <i>Traffic Movements Between Malaysian Airports (Including Singapore), 2013</i>	94



4.13	<b>PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2013</b> <i>Traffic Movements for Rural Air Services, Sabah and Sarawak, 2013</i>	95
<b>CARTA Charts</b>		
4.1	<b>JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2009-2013</b> <i>Total Number of Domestic and International Passengers Handled by Airports, Malaysia, 2009-2013</i>	96
4.2	<b>JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2009-2013</b> <i>Total Passengers Handled by International Airports, Malaysia, 2009-2013</i>	97
4.3	<b>JUMLAH KARGO DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2004-2013</b> <i>Total Number of Domestic and International Cargo Handled by Airports, Malaysia, 2004-2013</i>	98
4.4	<b>JUMLAH KARGO YANG DIKENDALIKAN DI LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2009-2013</b> <i>Total Cargo Handled by International Airports, Malaysia, 2009-2013</i>	99

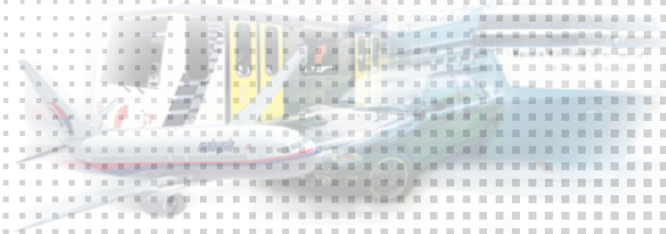




# KATA PENGANTAR

---

*Preface*



**YBHG. DATUK SERI LONG SEE WOOL**  
**KETUA SETIAUSAHA**  
**KEMENTERIAN PENGANGKUTAN MALAYSIA**  
*Secretary General*  
*Ministry of Transport Malaysia*

**KATA PENGANTAR**  
*Preface*



Dengan sukacitanya Kementerian Pengangkutan sekali lagi berjaya menerbitkan Laporan Tahunan Statistik Pengangkutan Malaysia. Statistik Pengangkutan Malaysia 2013 memaparkan data terpilih untuk sektor pengangkutan darat termasuk rel, maritim dan udara di Malaysia. Beberapa penunjuk utama terpilih berserta carta dan graf telah dimasukkan sebagai panduan mudah untuk memahami arah aliran asas sektor pengangkutan di Negara ini.

Adalah menjadi objektif Kementerian, melalui laporan ini, bagi membekalkan perangkaan yang komprehensif, sedia diguna dan terkini mengenai semua bentuk pengangkutan di Malaysia. Antara yang utama ialah mengenai komposisi kenderaan bermotor, pesawat dan kapal, rangkaian rel dan udara serta pergerakan trafik penumpang dan kargo di peringkat domestik dan antarabangsa.

Adalah diharapkan bahawa penerbitan ini dapat dijadikan sebagai satu bahan rujukan yang mudah dan bernilai kepada para pengguna yang terlibat dalam sektor pengangkutan, dan sebagai sumber rujukan kepada para penggubal dasar, penyelidik dan perancang yang memerlukan data dan maklumat ini.

Kementerian Pengangkutan akan terus memberi perhatian terperinci dan penekanan ke atas perkembangan sektor pengangkutan agar dapat merealisasikan hasrat Kerajaan yang ingin mewujudkan sistem pengangkutan yang lebih komprehensif dan seterusnya memenuhi aspirasi Malaysia untuk mencapai status negara maju.

Saya ingin merakamkan 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 once again pleased to present its Transport Statistics of Malaysia annual publication. Transport Statistics Malaysia 2013 presents selected statistical information on land including rail, maritime, and aviation in Malaysia. 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.*

*It is the objective of the Ministry, through this report, to provide comprehensive, readily available and up-to-date statistics on all modes of transport in Malaysia. The key of which is the composition of motor vehicles, ships and aircrafts, rail and air networks, domestic and international passenger and cargo movements.*

*It is hoped that this publication would serve as a valuable and convenient reference to all users involved in the transport sector as well as a source of reference to all policy makers, researchers and planners who require these data and information.*

*Ministry of Transport in this regard will continue to focus attention and emphasis on the enhancement of the multimodal connectivity and integration in order to attain the national goal of providing a comprehensive transport system network and fulfilling Malaysia's aspiration to become a developed nation.*

*I would like to express my appreciation to all the 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.*



# PENGHARGAAN

## Acknowledgements

**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

## *Glossary of Acronyms*

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



# PETA

---

*Maps*





# RANGKAIAN PENGANGKUTAN TRANSIT REL LEMBAH KLANG

*Rail Transport Network of  
Klang Valley*

## PETUNJUK / LEGEND

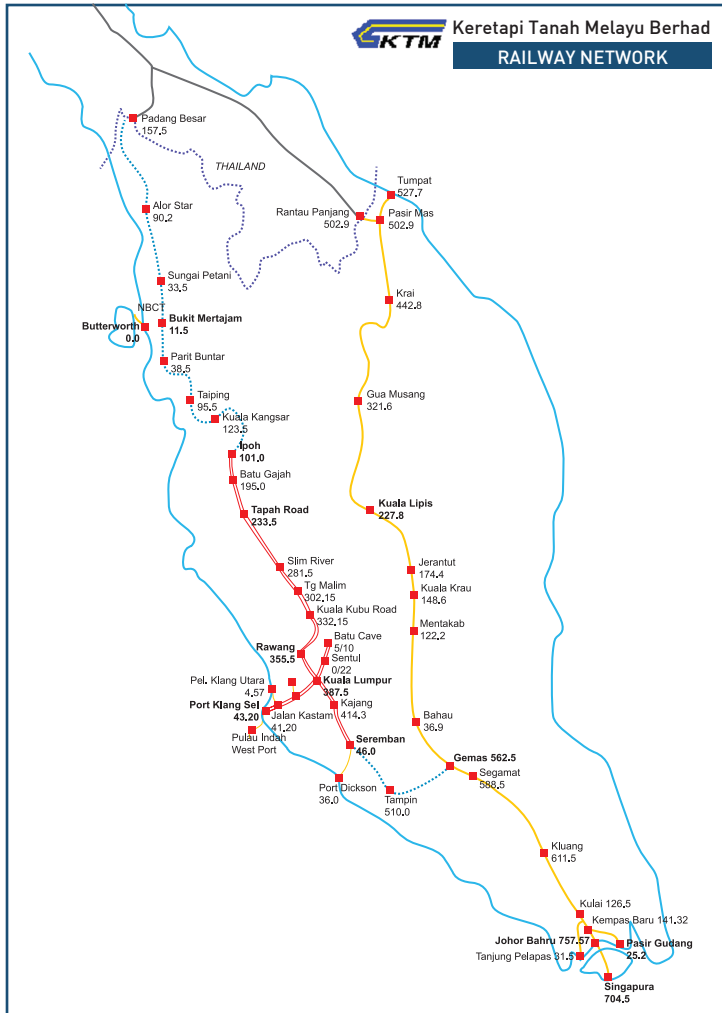
<b>1</b>	<b>LALUAN SEREMBAN</b> SEREMBAN LINE
<b>2</b>	<b>LALUAN PELABUHAN KLANG</b> PORT KLANG LINE
<b>3</b>	<b>LALUAN AMPANG</b> AMPANG LINE
<b>4</b>	<b>LALUAN SRI PETALING</b> SRI PETALING LINE
<b>5</b>	<b>LALUAN KELANA JAYA</b> KELANA JAYA LINE
<b>6</b>	<b>LALUAN KLIA EKSPRES</b> KLIA EKSPRES LINE
<b>7</b>	<b>LALUAN KLIA TRANSIT</b> KLIA TRANSIT LINE
<b>8</b>	<b>LALUAN MONOREL KL</b> KL MONORAIL LINE
<b>9</b>	<b>LALUAN MRT</b> MRT LINE / FUTURE STATION

	Stesen Sambungan Connecting Station
	Stesen Pertukaran Interchange Station
	Terminal Rel Rail Terminal
	Dalam Pembinaan Under Construction
	Stesen Bas Antarabandar Intercity Bus Station
	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
- Electrified Double Track (EDT) under construction (423 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

#### Legend

— Single Track

— Double Track

- - - Electrified Double Track (Under Construction)



## RANGKAIAN PENGANGKUTAN REL SABAH

*Rail Transport Network of Sabah*





## LOKASI PELABUHAN-PELABUHAN PERSEKUTUAN SEMENANJUNG MALAYSIA

*Federal Ports Location of  
Peninsular Malaysia*

■ Pelabuhan-Pelabuhan Persekutuan  
*Federal Ports*

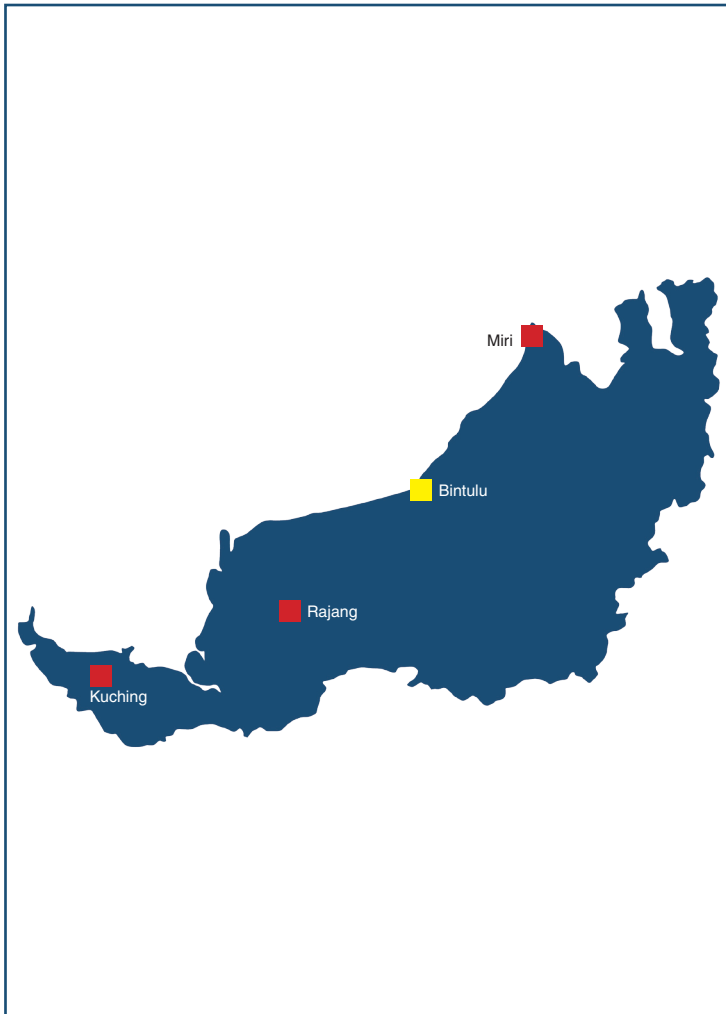


## LOKASI PELABUHAN-PELABUHAN NEGERI SABAH

*State Ports Location of Sabah*







## LOKASI PELABUHAN PERSEKUTUAN DAN PELABUHAN-PELABUHAN NEGERI SARAWAK

*Federal and State Ports  
Location of Sarawak*

-  Pelabuhan-Pelabuhan Persekutuan  
*Federal Ports*
-  Pelabuhan-Pelabuhan Negeri  
*State Ports*



## LOKASI LAPANGAN TERBANG SEMENANJUNG MALAYSIA

*Airports Location of Peninsular Malaysia*



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



## LOKASI LAPANGAN TERBANG SABAH

*Airports Location of Sabah*




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



# LOKASI LAPANGAN TERBANG SARAWAK

*Airport Location of Sarawak*



 Lapangan Terbang Antarabangsa  
*International airports*

 Lapangan Terbang Domestik  
*Domestic airports*

 Padang Terbang  
*Airstrips*



# PENGANGKUTAN DARAT

---

*Land Transport*



### JADUAL 1.10: BILANGAN LESEN YANG DIKELUARKAN MENGIKUT KELAS LESEN, MALAYSIA, 2004-2013

Table 1.10: Number of Licenses Issued by Class of Licenses, Malaysia, 2004-2013

Kelas Lesen Class of Licenses	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Bas Bus</b>										
Berhenti-Henti Stage	151	519	361	540	513	385	259	636	82	173
Ekspres Express	177	111	60	356	389	328	332	142	123	174
Mini Mini	13	19	-	11	12	121	18	211	1	-
Pekerja Employees	347	260	128	361	675	255	429	12	422	601
Pengantar Feeder	11	8	14	-	58	127	66	591	2	5
Catar Chartered	-	11*	5	19	378	181	232	12	27	11
Sekolah School	537	635	299	846	1,423	1,129	1,074	927	798	883
<b>Jumlah Kecil Sub Total</b>	<b>1,236</b>	<b>1,552</b>	<b>867</b>	<b>2,133</b>	<b>3,448</b>	<b>2,526</b>	<b>2,410</b>	<b>2,531</b>	<b>1,455</b>	<b>1,847</b>
<b>Lori Lorry</b>										
"A"	5,085	5,373	3,875	12,492	14,913	16,152	16,118	14,664	11,173	12,280
"C"	834	714	554	1,746	2,061	2,464	2,614	2,250	1,679	2,380
<b>Jumlah Total</b>	<b>5,919</b>	<b>6,087</b>	<b>4,429</b>	<b>14,238</b>	<b>16,974</b>	<b>18,616</b>	<b>18,732</b>	<b>16,914</b>	<b>12,852</b>	<b>14,660</b>
<b>Teksi Taxi</b>										
Sewa Hire	105	4	43	257	255	1,221	1,075	127	197	67
Sewa & Pandu Sendiri Hire & Drive	318	1,491	1,709	1,155	1,388	3,139	1,680	1,545	2,605	445
Teksi Taxi	602	1,099	237	689	624	2,945	4,993	945	2,431	1,195
Lapangan Terbang Airport	1	313	360	228	498	198	136	68	6	10
Limousin Limousine	40	72	25	292	131	97	60	4,965	99	43
<b>Jumlah Kecil Sub Total</b>	<b>1,066</b>	<b>2,979</b>	<b>2,374</b>	<b>2,621</b>	<b>2,896</b>	<b>7,600</b>	<b>7,944</b>	<b>7,650</b>	<b>5,338</b>	<b>1,760</b>
<b>Jumlah Keseluruhan Grand Total</b>	<b>8,221</b>	<b>10,618</b>	<b>7,670</b>	<b>18,992</b>	<b>23,318</b>	<b>28,742</b>	<b>29,086</b>	<b>27,095</b>	<b>19,645</b>	<b>18,267</b>

**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 SABAH

Excluding Sabah in year 2012 and 2013



### JADUAL 1.11: PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2004-2013

Table 1.11: Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2004-2013

Bil No	Stesen Station	KM	Lokasi Location	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Perak													
1	AR 101	106.6	Ipoh - Tanjung Malim ( <i>Slim River toll house</i> )	11,246	11,892	13,555	16,031	13,854	15,038	15,322	15,443	14,431	15,328
2	AR 204	78.9	Ipoh - Lumut	19,594	19,764	20,907	21,192	21,138	23,920	22,389	26,134	25,283	25,942
3	AR 301	35.9	Ipoh - Kampar	23,243	22,677	24,314	20,703	23,050	23,659	31,022	33,342	27,497	28,520
4	AR 303	5.6	Ipoh - Gopeng	57,852	58,955	62,597	66,573	71,205	79,513	84,135	80,836	85,819	77,195
5	AR 501	30.4	Ipoh - Kuala Kangsar (500m north of Sg. Siput town)	15,298	15,079	15,399	17,927	18,036	19,085	19,426	24,750	19,251	20,478
6	AR 601	79.7	Ipoh - Batu Hampar - Changkat Jering	3,068	9,527	15,758	13,152	16,091	16,752	10,371	11,726	19,410	20,588
7	AR 603	82.1	Ipoh - Changkat Jering - Semanggol	15,442	8,817	2,667	16,365	10,034	7,076	10,270	16,975	12,586	12,938
8	AR 703	106.3	Ipoh - Teluk Intan - Simpang Empat	20,976	21,284	23,258	5,774	24,244	25,159	25,365	27,504	28,465	25,489
9	AR 801	96.6	Ipoh - Kuala Kangsar - Gerik	6,798	6,931	4,169	5,774	2,509	2,715	1,724	3,421	3,562	3,487
10	AR 803	2.4	Lebuh Raya Timur - Barat	2,269	2,608	2,906	3,124	2,945	3,078	3,337	3,463	3,944	3,796
Selangor													
11	BR 102	3.5	Klang - Port Klang (Jalan Watson)	47,213	45,006	35,132	47,105	47,817	46,690	52,901	59,753	57,835	56,513
12	BR 108	-	300m From The Federal Highway's Junction - North Klang Straits Bypass*	112,600	111,393	109,893	117,571	129,408	122,468	141,121	149,246	140,780	143,223
13	BR 203	48.3	Klang - Morib - Batu Laut	6,445	6,311	6,709	6,400	6,711	7,023	7,101	7,467	7,128	7,777
14	BR 405	45.1	Kuala Lumpur - Kepong - Kuala Selangor	19,427	20,593	21,287	22,675	19,991	20,938	22,822	25,303	23,648	21,278
15	BR 501	72.1	Klang - Sabak Bernam	13,782	15,230	17,456	19,393	17,977	19,773	20,466	23,917	23,370	22,174
16	BR 604	21.7	Kuala Lumpur - Kajang	48,722	53,115	56,808	26,712	56,634	58,929	56,609	63,350	53,689	59,023
17	BR 701	58.6	Kuala Lumpur - Kuala Kubu Baru junction (south of junction)	8,883	9,396	9,896	11,712	12,307	13,209	18,293	14,773	13,320	15,082
18	BR 902	19.0	Kuala Lumpur - Karak Highway	138,783	146,831	141,362	172,362	137,870	13,209	129,345	158,767	151,486	147,449
Pahang													
19	CR 102	67.0	Kuala Lumpur-Kuantan (along KL-Karak Highway)	16,350	17,038	19,707	22,273	20,703	22,224	28,109	30,418	28,470	26,509
20	CR 403	233.0	Kuantan-Marang	18,783	20,345	22,293	24,943	23,395	26,064	28,248	32,056	31,138	31,416
21	CR 410	32.5	Kuantan-Kemaman	15,316	16,470	188,840	23,396	20,260	22,249	22,079	25,606	22,911	21,601
22	CR 503	282.0	Kuala Lumpur-Kuala Lipis- Kampung Padang Tuanku-Kota Bharu	5,890	5,726	6,134	6,605	6,609	6,159	6,253	7,758	7,513	6,985
23	CR 603	3.0	Pekan-Nenasi	6,651	6,450	6,513	6,774	5,746	7,783	8,650	10,737	10,319	11,563
24	CR 801	115.0	Kuantan-Karak	13,474	13,906	11,003	12,429	11,567	11,614	9,029	12,757	13,281	13,328
25	CR 805	189.0	Kuantan-Marang	8,820	8,871	6,832	6,800	6,587	6,761	6,980	8,049	7,088	6,952
26	CR 902	-	Kuantan-Segamat (400m. Bkt. Ibam-Rompin junction north bound)	7,159	6,828	6,634	6,708	7,316	11,634	8,102	9,270	9,545	8,763

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works



**JADUAL 1.11: PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2004-2013 (SAMB.)***Table 1.11: Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2004-2013 (Cont'd)*

Bil No	Stesen Station	KM	Lokasi Location	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Kelantan													
27	DR 201	19.3	Kota Bharu - Melor	28,378	24,934	22,900	40,141	29,890	43,222	31,602	41,732	42,433	32,263
28	DR 603	6.1	Km Lebuhraya Timur-Barat	4,229	4,509	4,807	5,572	2,704	5,296	5,440	6,449	6,275	6,029
29	DR 802	61.5	Kota Bharu - Kuala Krai	14,501	14,502	16,932	19,526	18,707	19,521	20,632	24,538	23,381	21,200
Johor													
30	JR 101	142.0	Johor Bahru - Batu Pahat - Muar	11,956	11,577	11,086	12,172	10,736	12,735	11,162	12,882	14,847	18,659
31	JR 104	127.2	Johor Bahru - Yong Peng - Muar	8,494	10,052	17,891	27,608	32,094	33,381	25,916	44,101	23,361	34,672
32	JR 108	116.0	Johor Bahru - Segamat	10,334	10,030	11,281	12,558	12,732	12,869	12,262	14,327	12,369	11,628
33	JR 205	12.7	Johor Bahru - Skudai	199,931	191,864	199,433	187,687	407,454	218,035	221,084	234,729	162,454	189,292
34	JR 218	-	1000m east junction to Masai	46,128	51,142	45,330	42,184	86,914	46,426	49,309	44,470	47,563	26,552
35	JR 305	76.0	Johor Bahru - Ayer Hitam	13,434	13,590	15,248	15,381	14,708	15,261	14,810	16,383	15,398	13,911
36	JR 306	49.5	Batu Pahat - Ayer Hitam - Kluang	34,299	30,642	31,429	30,941	33,897	33,572	34,964	40,647	39,674	38,053
37	JR 404	38.6	Johor Bahru - Kota Tinggi	20,418	9,799	19,289	18,786	5,231	19,182	20,302	22,117	23,273	22,103
38	JR 501	135.2	Johor Bahru - Endau (2.4km north of Mersing town)	13,507	13,986	17,332	18,354	17,192	16,688	15,598	14,789	13,411	14,412
39	JR 503	111.1	Johor Bahru - Kota Tinggi - Jemaluang (500 m south of Jemaluang)	4,000	5,970	4,049	4,336	4,246	4,477	4,633	4,929	4,490	4,720
40	JR 702	60.0	Johor Bahru - Pontian Kecil - Pontian Besar (near Pontian Hospital)	13,534	14,191	20,095	13,299	17,789	14,480	14,406	13,338	16,772	15,061
41	JR 801	199.5	Johor Bahru - Segamat - Batu Anam	10,932	10,947	12,282	13,707	14,145	14,648	15,237	17,359	15,875	16,826
Kedah													
42	KR 202	20.6	Alor Setar - Changlun	33,110	32,409	37,853	35,020	51,314	34,715	30,402	35,907	42,822	47,474
43	KR 401	70.8	Alor Setar - Sungai Petani - Butterworth	21,885	22,259	21,067	20,419	16,123	19,052	24,002	24,415	23,141	23,971
44	KR 501	29.0	Alor Setar - Sungai Petani	18,893	19,452	20,396	25,382	17,586	19,169	19,387	21,579	19,249	18,853
Melaka													
45	MR 206	22.9	Melaka - Muar	23,144	23,019	24,404	15,027	14,057	15,501	15,679	18,068	17,044	16,779
46	MR 301	25.0	Melaka - Kendong	19,873	16,414	9,971	11,235	11,057	9,986	11,472	12,611	11,170	15,715
47	MR 313	43.5	Melaka - Lubok Cina	6,246	6,068	7,255	9,310	8,179	7,709	7,858	8,892	8,480	9,097

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



**JADUAL 1.11: PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2004-2013 (SAMB.)***Table 1.11: Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2004-2013 (Cont'd)*

Bil No	Stesen Station	KM	Lokasi Location	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Negeri Sembilan													
48	NR 304	21.7	Seremban - Port Dickson	41,492	41,561	4,709	59,699	68,327	67,092	65,580	50,821	54,394	59,864
49	NR 403	42.7	Seremban - Tampin	13,076	13,191	13,074	13,405	12,990	13,073	12,690	13,822	12,832	12,645
50	NR 501	20.0	Seremban - Kuala Lumpur	12,718	13,410	14,844	15,723	14,329	12,530	36,195	12,739	11,397	10,671
51	NR 505	9.3	Seremban - Tampin (500 m outside town area)	41,027	43,096	39,714	39,540	38,197	33,697	35,708	47,941	57,639	50,484
Pulau Pinang													
52	PR 116	16.9	Butterworth - Taiping	34,280	34,076	50,151	49,833	53,451	56,601	56,349	66,252	56,932	64,993
53	PR 201	11.1	Georgetown - Teluk Bahang (Jln. Keliling Pulau)	20,717	20,242	22,884	25,931	24,392	24,799	27,334	28,694	28,442	27,106
54	PR 203	57.2	Georgetown - Bayan Lepas - Gelugor (Jln. Keliling Pulau)	36,122	36,412	41,843	42,223	43,232	47,285	50,776	56,045	59,900	62,207
Perlis													
55	RR 105	3.2	Kangar - Alor Setar (Melalui Simpang Empat)	17,317	10,056	9,823	21,939	20,769	21,321	21,758	25,557	25,577	26,155
Kuala Terengganu													
56	TR 103	61.5	K. Terengganu - Jerteh - Kota Bharu	18,382	18,805	19,007	20,255	23,357	21,313	24,196	28,106	27,325	27,066
57	TR 202	78.9	K. Terengganu - Dungun - Kemaman	13,842	11,688	20,955	26,801	23,463	29,051	28,602	33,038	27,856	29,864
58	TR 305	48.0	Kuantan - K. Terengganu (Jln. Jabor-Jerangau)	4,112	4,033	4,079	5,762	5,363	5,381	5,590	7,208	7,566	8,036
59	TR 402	17.0	K. Terengganu - Kuantan	22,063	11,594	24,524	25,042	24,933	24,852	25,887	30,196	29,532	31,227
60	TR 502	33.0	K. Terengganu - Kg. Ajil - Jerangau	10,830	11,149	12,216	11,448	13,132	14,701	14,695	13,914	10,092	8,715
Kuala Lumpur													
61	WR 102	12.1	Kuala Lumpur - Ipoh	152,455	155,016	150,874	171,266	161,161	214,746	277,797	303,701	252,341	253,179
62	WR 103	8.1	Kuala Lumpur - Ipoh	192,095	185,828	206,484	202,018	205,867	194,287	196,796	230,146	203,277	216,424
63	WR 105	8.1	Kuala Lumpur - Seremban Expressway	208,656	226,019	245,799	265,025	229,713	213,522	201,260	211,914	213,161	206,140

**SUMBER: KEMENTERIAN KERJA RAYA**

Source: Ministry of Works



**JADUAL 1.12: PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2004-2013***Table 1.12: Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2004-2013*

Bil No	Stesen Station	KM	Lokasi Location	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Sabah													
1	HR 101	4.8	Beaufort - Sindumin	4,902	5,805	7,042	12,391	7,454	4,811	4,924	6,562	5,422	5,694
2	HR 104	9.0	Tenom - Toman - Bekuku Highway	2,796	2,662	4,196	4,594	4,566	4,566	4,294	4,868	2,123	2,450
3	HR 201	22.5	Kota Kkinabalu - Papar	3,124	3,416	3,541	5,246	6,453	7,968	9,370	12,970	14,491	14,406
4	HR 202	8.1	Donggongan - Tambunan	4,123	4,326	4,751	4,607	3,578	3,701	3,835	4,269	3,353	3,839
5	HR 204	69.0	Kota Kinabalu - Kudat (100mm From Longtigi Junction)	4,665	4,738	7,913	11,703	9,855	9,450	11,189	12,252	9,953	13,909
6	HR 501	31.4	Tawau - Semporna	19,330	12,948	10,938	21,450	16,850	9,407	6,977	11,039	10,455	10,327
7	HR 504	14.5	Sg. Segama Crossing	6,445	3,339	7,140	7,732	6,987	6,781	8,294	9,560	7,641	9,407
8	HR 506	68.0	20km from Semporna towards Tawau	3,464	6,795	1,670	3,679	2,585	2,663	2,711	3,381	2,742	2,704
9	HR 507	82.0	Tawau - Sandakan (Near Kunak Junction)	4,858	6,831	7,820	8,315	7,168	8,600	11,141	12,796	9,706	7,831
Sarawak													
10	SR 101	16.1	Bau - Semantan	3,293	3,466	2,457	2,838	3,188	3,143	3,091	3,854	5,780	3,512
11	SR 103	27.4	Kucing - Serian	27,839	26,599	22,781	21,696	22,225	24,564	30,616	34,223	32,889	27,987
12	SR 401	20.0	Bintulu - Sibiu	7,197	5,952	6,779	6,986	7,250	9,808	10,957	15,972	4,342	4,476
13	SR 402	29.0	Bintulu - Miri	4,903	5,702	4,828	5,357	5,924	7,880	8,507	4,596	5,355	9,139
14	SR 403	6.2	Miri - Bintulu (before junction to Airport)	24,487	18,046	10,345	9,138	9,984	11,060	10,506	13,432	11,805	10,865
15	SR 503	1.6	Limbang - Brunei Border (Sg. Padaruan)	21,535	18,016	16,317	14,301	16,319	14,141	19,032	14,871	11,014	12,742
16	SR 504	1.6	Lawas - Trusan	4,379	4,399	3,935	5,344	4,519	5,139	3,653	7,351	6,448	7,243

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

### JADUAL 1.13: KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2013

Table 1.13: Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2013

Bil No	Stesen Station	Lokasi Location	16 Jam Trafik 16 Hours Traffic	Jenis Kenderaan Type of Vehicle					
				Kereta Teksi Car Taxi	Lori Kecil Light Lorry	Lori Sederhana Medium Lorry	Lori Besar Heavy Lorry	Bas Bus	Motosikal Motorcycle
Semenanjung Malaysia / Peninsular Malaysia									
1	JR 204	Johor Bahru - Kulai	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
Sabah									
11	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 1.14: JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2004-2013

Table 1.14: Total Road Accidents by States, Malaysia, 2004-2013

Negeri State	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Perlis	1,073	1,037	1,160	1,364	1,417	1,633	1,548	1,791	1,881	1,895
Kedah	14,196	14,484	15,505	16,172	16,520	17,701	17,966	19,699	19,935	20,228
Pulau Pinang	31,008	30,934	32,573	33,881	34,049	33,719	34,306	37,158	37,851	39,361
Perak	27,542	27,225	27,432	29,203	30,539	32,327	32,072	33,506	34,714	35,408
Selangor	87,891	87,705	90,632	99,157	100,380	107,429	115,565	128,876	129,106	135,024
Wilayah Persekutuan	44,240	45,000	46,254	49,454	48,671	51,942	53,493	58,795	61,872	64,527
Negeri Sembilan	14,505	14,461	15,197	16,079	17,362	18,369	19,407	21,157	22,146	23,066
Melaka	11,020	10,321	10,707	11,720	12,105	13,275	14,110	14,720	15,195	16,083
Johor	41,854	42,606	43,757	46,584	48,667	51,747	55,381	59,501	62,316	64,600
Pahang	13,349	13,381	13,242	13,982	15,548	17,068	17,315	19,001	20,554	20,130
Kelantan	7,253	7,126	7,337	8,116	8,842	9,549	9,707	9,603	9,968	9,748
Terengganu	7,003	7,078	7,098	8,155	8,814	10,118	10,106	10,684	10,861	10,996
Sabah	12,018	12,760	13,550	14,256	14,588	15,798	16,192	16,585	17,446	17,438
Sarawak	13,865	14,209	14,808	15,196	15,488	16,655	17,253	17,964	18,578	18,700
<b>Jumlah Total</b>	<b>326,817</b>	<b>328,327</b>	<b>339,252</b>	<b>363,319</b>	<b>372,990</b>	<b>397,330</b>	<b>414,421</b>	<b>449,040</b>	<b>462,423</b>	<b>477,204</b>

SUMBER: POLIS DIRAJA MALAYSIA

Source: Royal Malaysian Police



**JADUAL 1.15: JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 2004-2013**

*Table 1.15: Total Motor Vehicles Involved in Road Accidents by Type of Vehicle, Malaysia, 2004-2013*

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
2004	99,227	388,589	20,086	9,265	45,420	18,306	7,111	2,963	11,186	602,153
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

**SUMBER: POLIS DIRAJA MALAYSIA**

Source: Royal Malaysian Police



**JADUAL 1.16: JUMLAH KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT TAHUN DAN NEGERI,  
MALAYSIA, 2004-2013**

*Table 1.16: Total Deaths Caused by Road Accidents by Year and States, Malaysia, 2004-2013*

Negeri State	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Perlis	34	63	63	41	69	90	66	79	71	72
Kedah	474	482	494	492	496	550	532	515	548	517
Pulau Pinang	403	371	381	376	354	395	370	392	400	381
Perak	798	713	726	811	829	829	820	811	753	770
Selangor	1,050	1,064	1,050	1,025	1,083	976	1,061	1,070	1,102	1,019
Wilayah Persekutuan	249	231	255	234	237	230	233	236	249	243
Negeri Sembilan	323	351	337	320	389	377	399	374	352	396
Melaka	259	227	232	227	243	248	235	240	243	258
Johor	1,014	1,022	1,017	1,023	1,065	1,060	1,076	1,073	1,073	1,128
Pahang	445	448	451	437	446	512	574	563	540	592
Kelantan	279	292	331	374	380	453	380	392	392	378
Terengganu	301	271	307	290	293	348	314	292	301	320
Sabah	300	319	296	316	325	345	447	398	450	420
Sarawak	294	346	347	316	318	332	365	442	443	421
<b>Jumlah Total</b>	<b>6,223</b>	<b>6,200</b>	<b>6,287</b>	<b>6,282</b>	<b>6,527</b>	<b>6,745</b>	<b>6,872</b>	<b>6,877</b>	<b>6,917</b>	<b>6,915</b>

**SUMBER: POLIS DIRAJA MALAYSIA**

Source: Royal Malaysian Police



**JADUAL 1.17: JUMLAH KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2004-2013**

*Table 1.17: Total Casualties and Deaths Caused by Road Accidents, Malaysia, 2004-2013*

Tahun Year	Jumlah Kemalangan Total Number of Accidents	Kecederaan dan Kematian <i>Casualties</i>			Jumlah Total
		Mati <i>Death</i>	Parah <i>Serious</i>	Ringan <i>Minor</i>	
2004	326,817	6,228	9,229	38,631	54,088
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

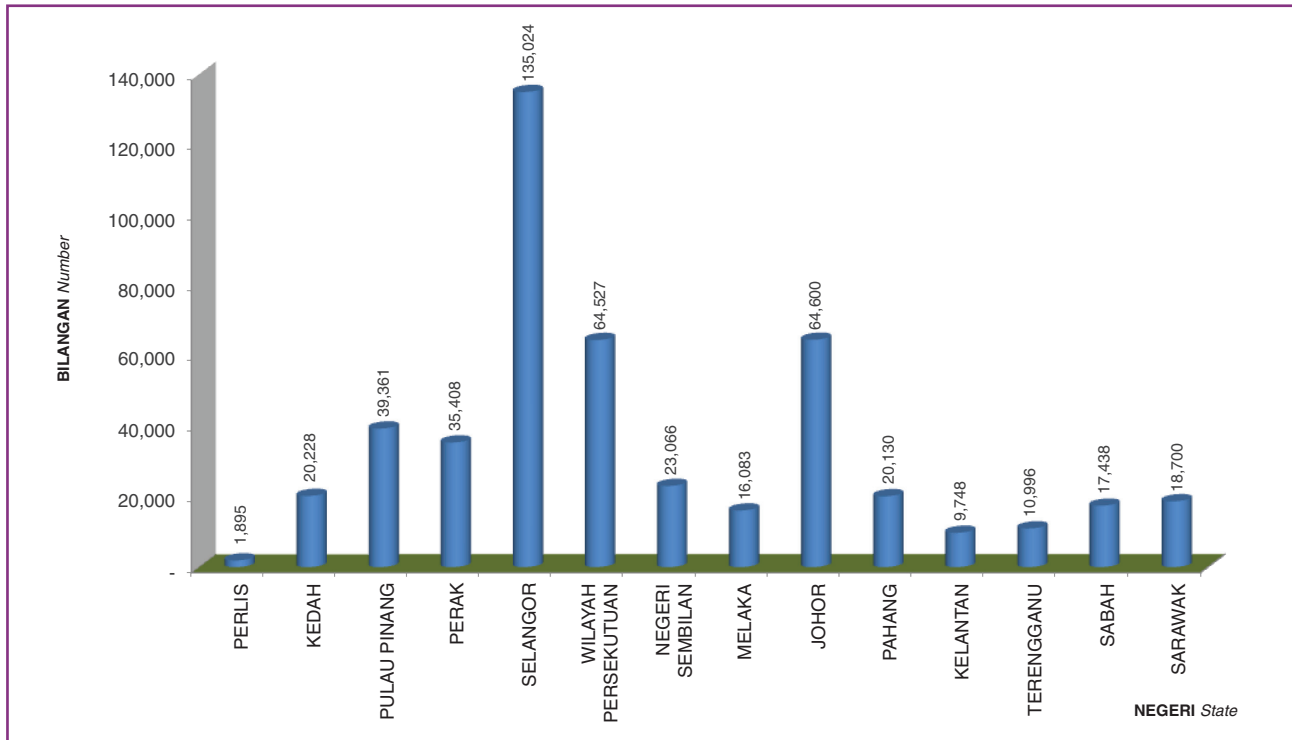
**SUMBER: POLIS DIRAJA MALAYSIA**

*Source: Royal Malaysian Police*



### CARTA 1.5: JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2013

Chart 1.5: Total Road Accidents by States, Malaysia, 2013



SUMBER: POLIS DIRAJA MALAYSIA

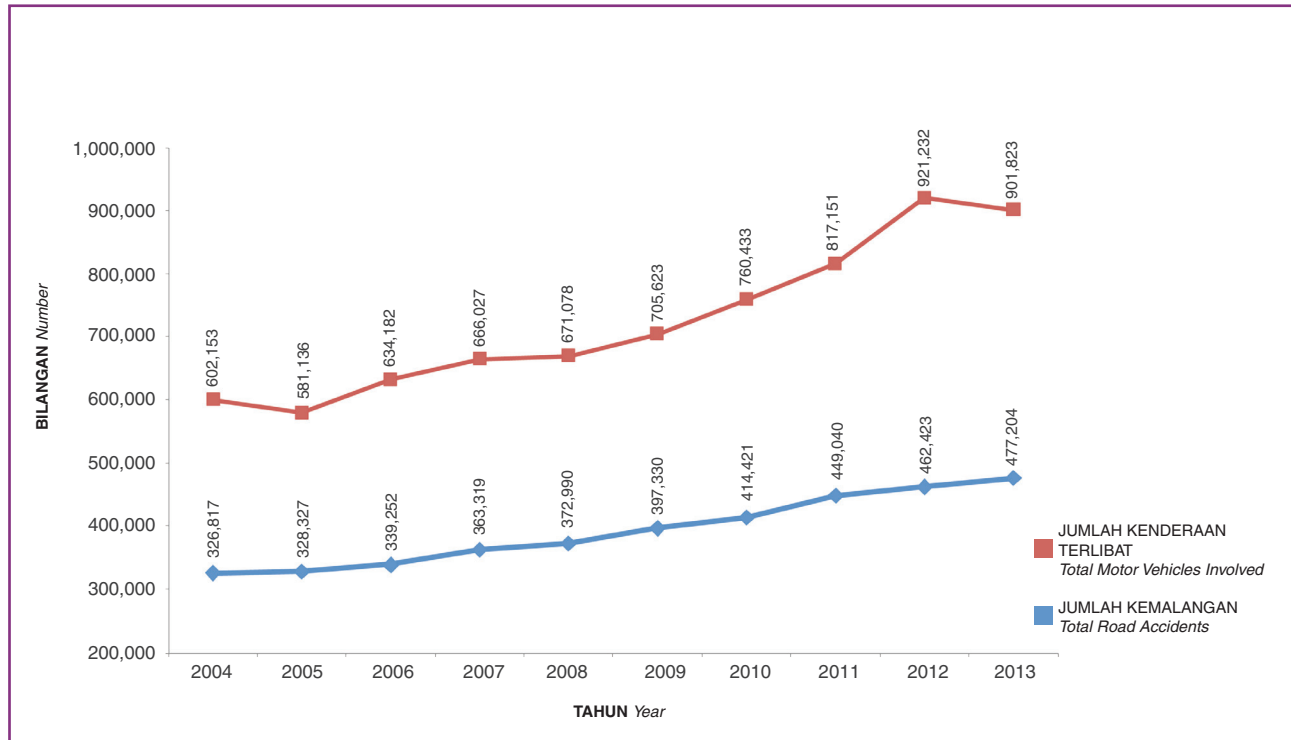
Source: Royal Malaysian Police





### CARTA 1.6: JUMLAH KEMALANGAN JALAN RAYA DAN KENDERAAN TERLIBAT, MALAYSIA, 2004-2013

Chart 1.6: Total Road Accidents and Motor Vehicles Involved, Malaysia, 2004-2013



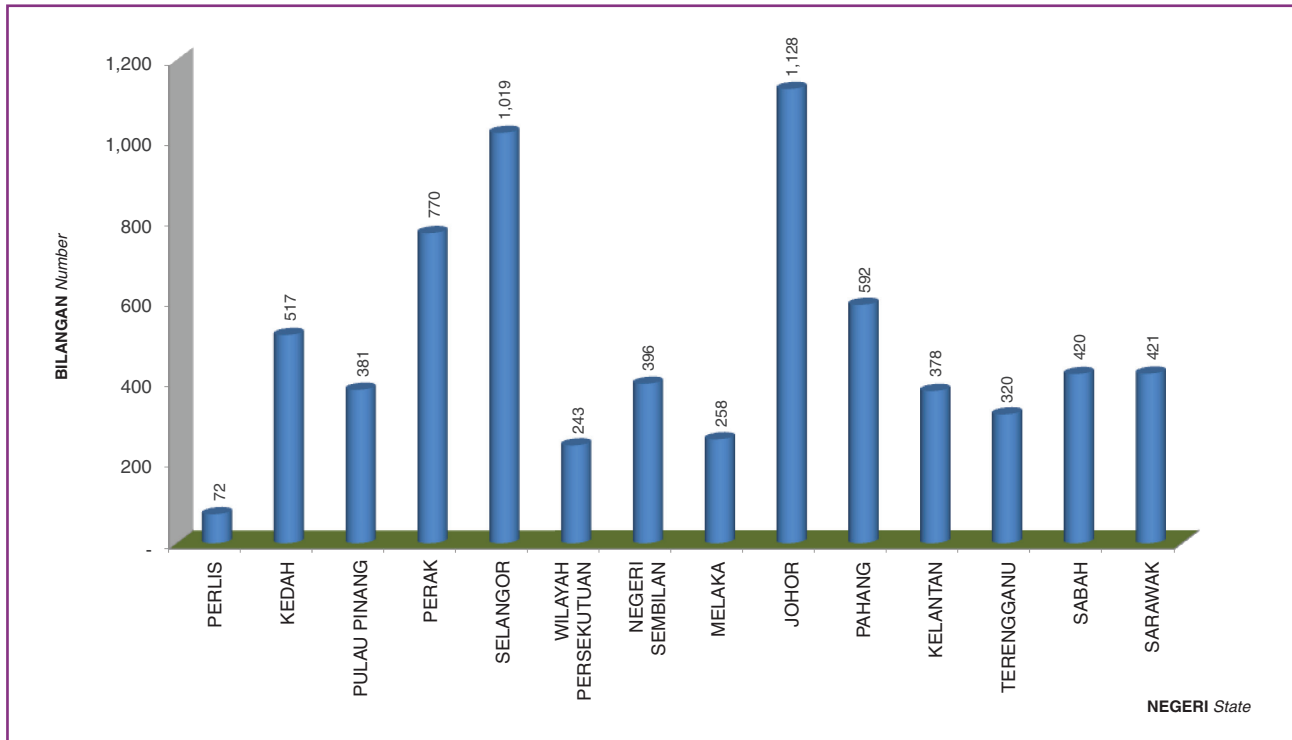
SUMBER: POLIS DIRAJA MALAYSIA

Source: Royal Malaysian Police



### CARTA 1.7: KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2013

Chart 1.7: Deaths Caused by Road Accidents by States, Malaysia, 2013



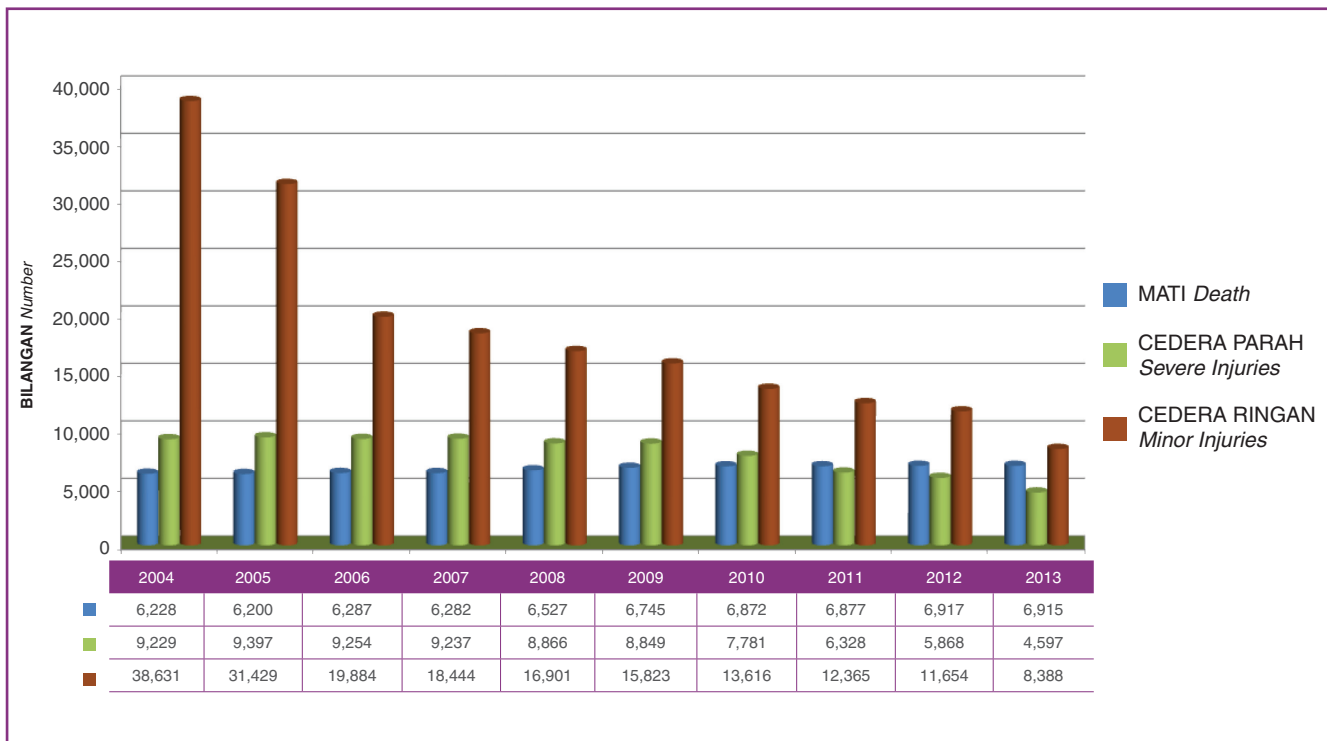
SUMBER: POLIS DIRAJA MALAYSIA

Source: Royal Malaysian Police



### CARTA 1.8: KECEDERAAN DAN KEMATIAN DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2004-2013

Chart 1.8: Casualties and Deaths Caused by Road Accidents, Malaysia, 2004-2013



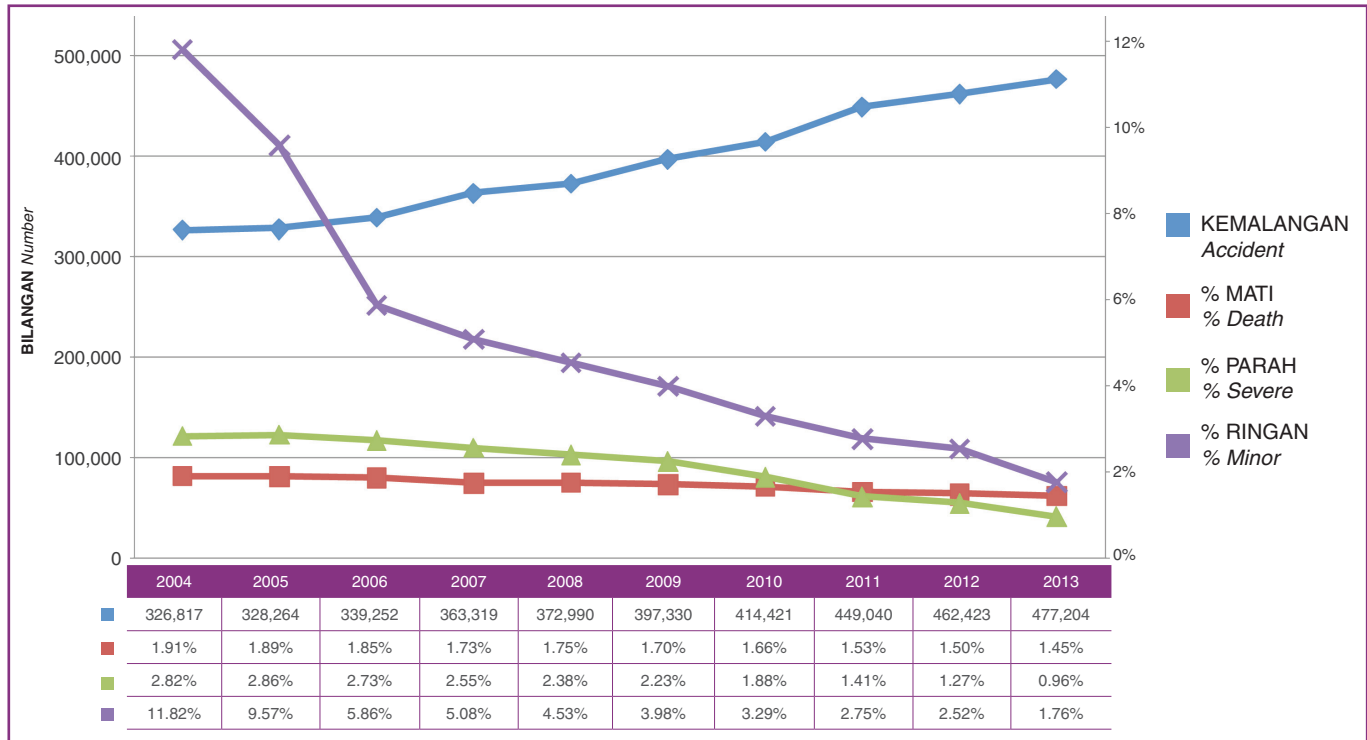
SUMBER: POLIS DIRAJA MALAYSIA

Source: Royal Malaysian Police



**CARTA 1.9: KEMALANGAN, PERATUS KECEDEeraan DAN KEMATIAN DISEBABKAN KEMALANGAN  
JALAN RAYA, MALAYSIA, 2004-2013**

Chart 1.9: Total Accidents, Percentage of Casualties and Deaths Caused by Road Accidents, Malaysia, 2004-2013



SUMBER: POLIS DIRAJA MALAYSIA  
Source: Royal Malaysian Police





# PENGANGKUTAN DARAT REL

---

*Rail Land Transport*



**JADUAL 2.1: STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2004-2013***Table 2.1: Malayan Railways Limited Traffic Statistics, 2004-2013*

Tahun Year	Perkhidmatan Keretapi <i>Rail Services</i>					KTM Komuter <i>KTM Comuter</i>		Tren Set Elektrik <i>Electric Tren Set</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)
2004	3,628	1,139	4,962	1,032	302,736	27,380	66,131,060	*	*	*
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

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

**JADUAL 2.2: BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2004-2013***Table 2.2: Number of Passengers and Passenger Kilometres by Classes, 2004-2013*

Tahun Year	Bilangan Penumpang Number Of Passengers ('000)				Kilometer Penumpang Passenger Kilometres ('000,000)			
	Kelas Satu First Class	Kelas Dua Second Class	Kelas Tiga Third Class	Jumlah Total	Kelas Satu First Class	Kelas Dua Second Class	Kelas Tiga Third Class	Jumlah Total
2004	88.0	1,535.0	2,005.0	3,628.0	40.8	610.7	487.5	1,139.0
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

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



### JADUAL 2.3: BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2004-2013

Table 2.3: Number of Passengers and Passenger Kilometres for Express Services, 2004-2013

Tahun Year	Ekspres Express RAKYAT								Ekspres 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
2004	29.0	241.0	-	270.0	13.5	99.7	-	113.2	20.0	141.0	-	161.0	8.1	57.9	-	66.0
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
Tahun Year	Ekspres Express LANGKAWI								Ekspres 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
2004	12.0	237.0	269.0	518.0	4.1	77.4	75.4	156.9	8.0	129.0	301.0	438.0	3.3	69.2	159.7	232.2
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

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited



**JADUAL 2.3: BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2004-2013 (SAMB.)**

*Table 2.3: Number of Passengers and Passenger Kilometres for Express Services, 2004-2013 (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
2004	12.0	237.0	269.0	518.0	4.1	77.4	75.4	156.9	8.0	129.0	301.0	438.0	3.3	69.2	159.7	232.2
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

**SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)**

*Source: Malayan Railways Limited*



### JADUAL 2.4: TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2004-2013

Table 2.4: Freight Traffic by Type of Cargo, 2004-2013

Jenis Kargo Type of Cargo	('000)	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Simen & Klinker <i>Cement &amp; Clinker</i>	Tonne t km	942 227,924	1,026 293,139	1,220 308,121	1,355 356,299	4,654 390,869	1,704 531,335	1,814 605,926	2,224 732,170	2,353 800,581	2,594 926,262
Kontena Perkapalan <i>Maritime Container</i>	Tonne t km	2,887 343,462	1,876 394,193	2,074 597,355	2,222 507,900	2,272 490,127	2,603 455,843	2,588 408,893	2,702 383,866	2,691 390,237	2,864 406,723
Landbridge <i>Landbridge</i>	Tonne t km	216 54,689	184 114,199	164 22,516	122 56,701	105 72,286	55 15,710	39 17,189	26 22,954	19 25,724	19 30,512
Petrol & Minyak Galian <i>Petrol &amp; Mineral Oil</i>	Tonne t km	72 22,894	57 17,763	62 19,714	75 23,964	45 13,935	- -	- -	- -	- -	- -
Makanan & Minuman Proses <i>Processed Food &amp; Drink</i>	Tonne t km	288 214,539	358 267,898	363 278,419	421 323,857	433 315,429	476 319,811	487 308,923	459 221,428	417 168,725	413 169,418
Beras, Padi & Bran <i>Rice, Paddy &amp; Bran</i>	Tonne t km	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
Getah <i>Rubber</i>	Tonne t km	- 22	- -	- -	- -	- -	- -	- -	- -	- -	- -
Getah Cecair <i>Latex</i>	Tonne t km	- 12	- 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 &amp; Other Minerals</i>	Tonne t km	90 21,929	58 12,654	21 1,133	10 182	11 1,573	6 102	2 38	0 2	- -	- -
Kimia <i>Chemicals</i>	Tonne t km	346 20,986	309 20,682	370 22,602	386 23,611	347 21,935	259 18,390	298 22,422	287 19,770	337 19,774	341 21,047
Minyak Makan <i>Edible Oil</i>	Tonne t km	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
Lain-Lain <i>Others</i>	Tonne t km	121 60,618	204 57,082	174 68,107	166 62,723	138 44,244	130 42,916	204 119,294	216 155,284	279 159,253	390 205,671
<b>Jumlah Total</b>	<b>Tonne t km</b>	<b>4,962 967,075</b>	<b>4,072 1,177,611</b>	<b>4,448 1,317,968</b>	<b>4,757 1,355,237</b>	<b>8,005 1,350,398</b>	<b>5,233 1,384,107</b>	<b>5,432 1,482,685</b>	<b>5,915 1,535,474</b>	<b>6,096 1,564,294</b>	<b>6,621 1,759,633</b>

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited



**JADUAL 2.5: JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 2004-2013***Table 2.5: Goods Revenue by Type of Cargo, 2004-2013*

Jenis Kargo <i>Type of Cargo</i>	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Simen & Klinker <i>Cement &amp; Clinker</i>	17,350	19,345	20,857	24,345	26,200	29,350	32,421	41,627	45,036	50,722
Kontena Perkapalan <i>Maritime Container</i>	32,979	35,526	40,216	46,520	43,871	47,583	47,217	48,132	48,324	52,607
Landbridge <i>Landbridge</i>	33,773	30,022	29,846	25,846	20,500	13,644	8,054	5,610	5,367	4,072
Petrol & Minyak Galian <i>Petrol &amp; Mineral Oil</i>	1,738	1,992	2,253	2,866	1,710	-	-	-	-	-
Makanan & Minuman Proses <i>Processed Food &amp; Drink</i>	7,787	9,196	9,583	11,770	11,706	12,047	12,436	12,232	10,743	10,606
Beras, Padi & Bran <i>Rice, Paddy &amp; Bran</i>	-	-	-	-	-	-	-	-	-	-
Getah <i>Rubber</i>	1	-	-	-	-	-	-	-	-	-
Getah Cecair <i>Latex</i>	4	-	-	-	-	-	-	-	-	-
Kayu Balak <i>Logs</i>	-	-	27	-	-	-	-	-	-	-
Kayu Gergaji <i>Swan Timber</i>	-	-	41	-	-	-	-	-	-	-
Bijih & Lain-Lain Galian <i>Ore &amp; Other Minerals</i>	2,377	905	211	98	99	72	23	1	-	-
Kimia <i>Chemicals</i>	3,587	3,431	3,804	5,139	4,592	3,064	3,653	3,460	3,959	4,678
Minyak Makan <i>Edible Oil</i>	-	-	-	-	-	-	-	-	-	-
Lain-Lain <i>Others</i>	8,294	7,199	6,579	5,188	6,418	9,763	12,291	13,625	13,555	15,714
<b>Jumlah <i>Total</i></b>	<b>107,890</b>	<b>107,616</b>	<b>113,417</b>	<b>121,772</b>	<b>115,096</b>	<b>115,523</b>	<b>116,095</b>	<b>124,687</b>	<b>126,984</b>	<b>138,399</b>

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

**JADUAL 2.6: DAFTAR LOKOMOTIF, 2004-2013***Table 2.6: Locomotive Inventory, 2004-2013*

Tahun Year	Laluan Utama Mainline								Tren Set Elektrik Electric Tren Set				Enjin Langsir Shunting				
	Hidraulik Kelas 21 Class 21 Hydraulic	Kelas Class 22	Kelas Class 23	Kelas Class 24	Kelas Class 25	Kelas Class 26	Kelas Class 29	Jumlah Total	Relkar (Relbas) Rail- Car (Rail- Bus)	Set EMU Sets	Set ETS Sets	Jumlah Total	Letrik Kelas 15 Class 15 Electric	Hidraulik Kelas 16/17 Class 16/17 Hydraulic	Letrik Kelas 18 Class 18 Electric	Letrik Kelas 19 Class 19 Electric	Jumlah Total
2004	-	10.0	15.0	26.0	17.0	20.0	-	88	-	58.0	-	58	-	-	8.0	10.0	18
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	-	-	-	15.0	15
2013	-	-	7.0	18.0	17.0	20.0	20.0	82	-	50.0	5.0	55	-	-	-	11.0	11

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

**JADUAL 2.7: DAFTAR KOC PENUMPANG, 2004-2013***Table 2.7: Passenger Coaches Inventory, 2004-2013*

Tahun Year	Perjalanan Siang Day Travel				Perjalanan Malam/Siang Night/Day Travel				Lain-Lain Others				Jumlah Total			
	Bilangan Koc Number of Coache	Jumlah Tempat Duduk Number of Seats			Bilangan Koc Number of Coache	Jumlah Tempat Duduk Number of Seats			Bilangan Koc Number of Coache	Jumlah Tempat Duduk Number of Seats			Bilangan Koc Number of Coache	Jumlah Tempat Duduk Number of Seats		
		Kelas Class I	Kelas Class II	Kelas Class III		Kelas Class I	Kelas Class II	Kelas Class III		Kelas Class I	Kelas Class II	Kelas Class III		Kelas Class I	Kelas Class II	Kelas Class III
2004	70	324	1,664	1,400	120	188	3,056	2,886	-	-	-	-	190	512	4,720	4,286
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

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

**JADUAL 2.8: DAFTAR GERABAK BARANG, 2004-2013***Table 2.8: Freight Wagon Inventory, 2004-2013*

Tahun Year	Gerabak Tertutup Covered Wagons	Gerabak Tebing Tinggi High Side Wagons	Gerabak Tebing Rendah Low Side Wagons	Gerabak Tangki Tank Wagons				Gerabak Bolster Bolster Wagons	Gerabak Ternakan Livestock Wagons	Lain-Lain Gerabak Other Wagons	Jumlah Total
				Petroleum Petroleum	Minyak Sawit Palm Oil	Getah Cecair Latex	Ammonia Ammonia				
2004	316	32	209	251	-	5	12	1,892	4	788	3,509
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

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



### JADUAL 2.9: BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2004-2013

Table 2.9: Number of Passengers for Light Rail Transit (LRT) Services, 2004-2013

Jenis Perkhidmatan <i>Type of Services</i>	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Laluan Kelana Jaya	57,729,971	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
Laluan Ampang	43,535,471	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
KL Monorail	12,201,518	16,206,441	19,322,170	22,197,169	21,765,233	21,021,390	22,108,308	24,200,299	24,113,242	25,437,623
KLIA Ekspres	1,911,091	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
KLIA Transit	1,742,469	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

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

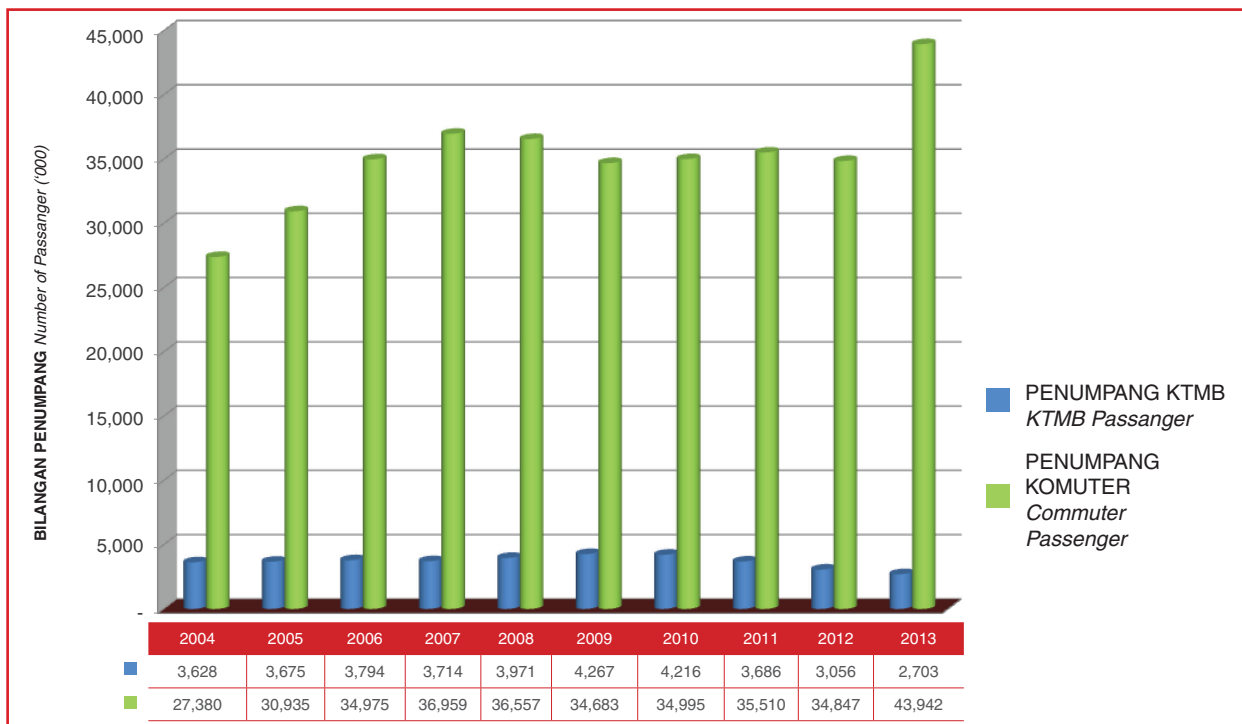
Source: Malayan Railways Limited





**CARTA 2.1: BILANGAN PENUMPANG KTMB DAN KTM KOMUTER BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD, 2004-2013**

Chart 2.1: Number of KTMB and Commuter Passengers for Malayan Railways Limited, 2004-2013



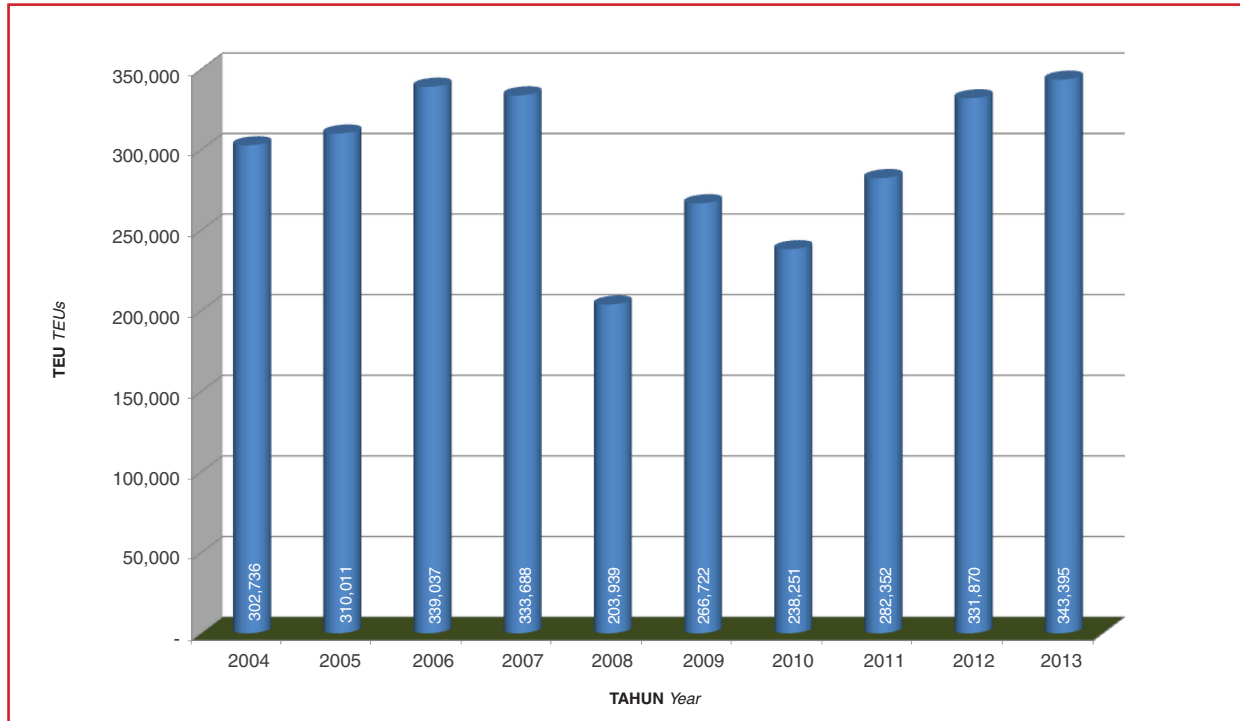
SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited



## CARTA 2.2: JUMLAH KONTENA YANG DIKENDALIKAN KERETAPI TANAH MELAYU BERHAD, 2004-2013

Chart 2.2: Total Container Handled by Malayan Railways Limited, 2004-2013



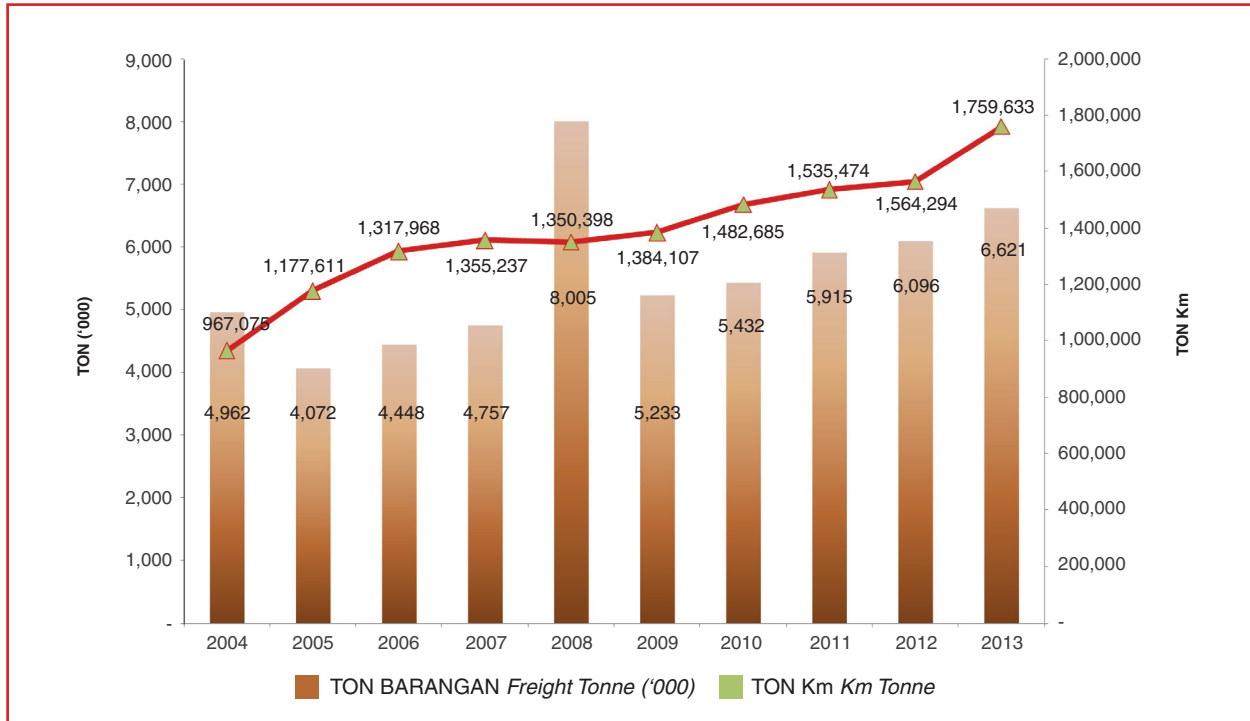
SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited



### CARTA 2.3: TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2004-2013

Chart 2.3: Freight Traffic for Malayan Railways Limited, 2004-2013

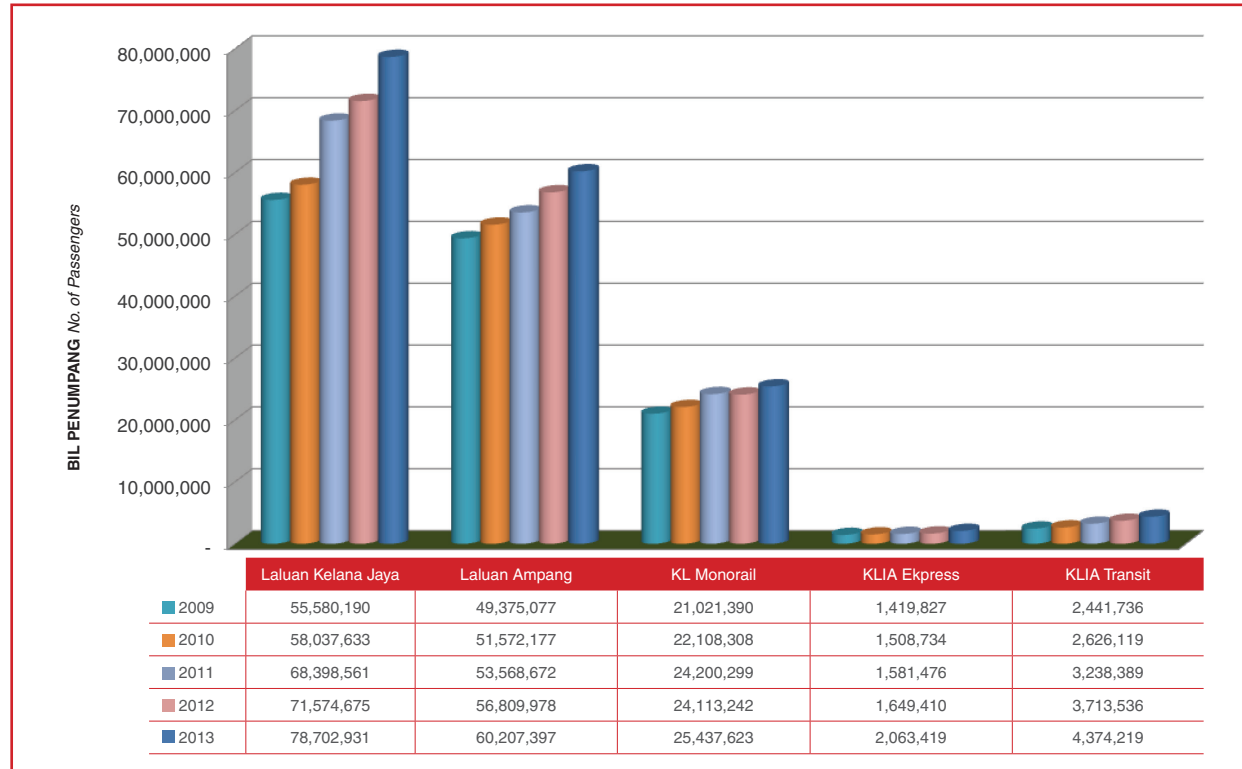


SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

### CARTA 2.4: BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2009-2013

Chart 2.4: Number of Passengers for Light Rail Transit (LRT) Services, 2009-2013



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





# PENGANGKUTAN MARITIM

---

*Maritime Transport*



### JADUAL 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013

Table 3.1: Total Cargo Throughput by Ports, Malaysia, 2004-2013

(‘000) FREIGHT WEIGHT TONNES

Bil No	Pelabuhan Ports		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
1	Kelang	Eksport Export	41,068	46,624	56,330	62,730	70,342	65,339	78,930	89,517	90,551	90,423	
		Import Import	58,843	63,035	65,674	72,784	82,007	72,353	93,027	104,651	107,356	109,855	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>99,911</b>	<b>109,659</b>	<b>122,004</b>	<b>135,514</b>	<b>152,349</b>	<b>137,692</b>	<b>171,957</b>	<b>194,168</b>	<b>197,907</b>	<b>200,278</b>	
2	Pulau Pinang	Eksport Export	10,510	10,664	9,526	12,524	10,707	10,531	12,434	12,870	12,894	12,934	
		Import Import	12,905	12,899	13,371	14,698	14,967	13,251	15,861	15,899	15,918	16,497	
		Pindah Kapal Trans-shipment	5	3	-	269	352	496	551	620	515	650	
		<b>Jumlah Total</b>	<b>23,420</b>	<b>23,566</b>	<b>22,897</b>	<b>27,491</b>	<b>25,999</b>	<b>24,278</b>	<b>28,846</b>	<b>29,390</b>	<b>29,328</b>	<b>30,081</b>	
3	Johor	Eksport Export	15,557	13,779	13,305	11,289	14,211	11,601	11,585	11,774	10,494	10,402	
		Import Import	15,647	14,789	14,162	17,553	15,561	13,633	16,544	20,900	15,415	16,577	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>31,204</b>	<b>28,568</b>	<b>27,467</b>	<b>28,842</b>	<b>29,772</b>	<b>25,234</b>	<b>28,129</b>	<b>32,674</b>	<b>25,909</b>	<b>26,979</b>	
4	Kuantan	Eksport Export	5,092	5,019	6,555	6,188	5,574	6,835	8,050	11,073	12,021	15,099	
		Import Import	4,670	4,392	4,118	3,877	3,831	3,438	4,030	4,133	4,043	4,233	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>9,699</b>	<b>9,411</b>	<b>10,673</b>	<b>10,065</b>	<b>9,405</b>	<b>10,273</b>	<b>12,079</b>	<b>15,207</b>	<b>16,064</b>	<b>19,332</b>	

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



### JADUAL 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013 (SAMB.)

Table 3.1: Total Cargo Throughput by Ports, Malaysia, 2004-2013 (Cont'd)

(<sup>'000</sup>) FREIGHT WEIGHT TONNES

Bil No	Pelabuhan Ports		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
5	Bintulu	Eksport Export	30,402	32,580	31,731	31,255	34,724	33,302	34,777	36,138	35,134	37,652	
		Import Import	3,221	2,516	2,755	2,833	3,446	3,128	3,854	4,252	4,888	4,824	
		Pindah Kapal Trans-shipment	-	1,345	2,020	4,497	2,301	2,104	1,995	1,313	1,136	1,329	
		<b>Jumlah Total</b>	<b>33,623</b>	<b>36,441</b>	<b>36,506</b>	<b>38,585</b>	<b>40,471</b>	<b>38,444</b>	<b>40,625</b>	<b>41,703</b>	<b>41,158</b>	<b>43,805</b>	
6	Tanjung Bruas	Eksport Export	21	8	7	-	14	25	37	82	115	177	
		Import Import	723	442	399	606	543	437	414	361	304	301	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>744</b>	<b>450</b>	<b>406</b>	<b>606</b>	<b>557</b>	<b>463</b>	<b>451</b>	<b>443</b>	<b>420</b>	<b>477</b>	
7	Kuching	Eksport Export	1,984	1,979	1,977	2,343	2,136	1,815	2,144	2,148	1,875	2,183	
		Import Import	5,107	5,488	5,204	5,272	5,347	5,077	6,069	6,532	7,314	7,395	
		Pindah Kapal Trans-shipment	36	22	22	32	68	-	-	-	-	-	
		<b>Jumlah Total</b>	<b>7,127</b>	<b>7,489</b>	<b>7,203</b>	<b>7,647</b>	<b>7,551</b>	<b>6,892</b>	<b>8,213</b>	<b>8,697</b>	<b>9,189</b>	<b>9,578</b>	
8	Miri	Eksport Export	4,868	4,589	5,246	6,318	6,155	5,028	5,410	4,908	4,823	5,563	
		Import Import	460	457	369	521	684	605	746	865	842	866	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	
		<b>Jumlah Total</b>	<b>5,328</b>	<b>5,046</b>	<b>5,615</b>	<b>6,839</b>	<b>6,839</b>	<b>5,633</b>	<b>6,156</b>	<b>5,773</b>	<b>5,665</b>	<b>6,429</b>	

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department





### JADUAL 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013 (SAMB.)

Table 3.1: Total Cargo Throughput by Ports, Malaysia, 2004-2013 (Cont'd)

(‘000) FREIGHT WEIGHT TONNES

Bil No	Pelabuhan Ports		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
9	Rajang	Eksport Export	3,372	3,376	3,476	3,433	3,404	3,191	3,506	3,225	1,649	613	
		Import Import	1,289	1,347	1,357	1,540	1,604	1,546	1,680	1,825	1,614	1,513	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>4,661</b>	<b>4,723</b>	<b>4,833</b>	<b>4,973</b>	<b>5,008</b>	<b>4,737</b>	<b>5,186</b>	<b>5,050</b>	<b>3,263</b>	<b>2,126</b>	
10	Sabah	Eksport Export	14,147	15,857	16,902	16,493	16,493	14,095	14,963	14,595	13,852	13,931	
		Import Import	10,499	10,317	11,238	12,660	12,660	10,675	13,426	13,340	13,851	13,487	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>24,646</b>	<b>26,174</b>	<b>28,140</b>	<b>29,153</b>	<b>29,153</b>	<b>24,770</b>	<b>28,389</b>	<b>27,936</b>	<b>27,703</b>	<b>27,418</b>	
11	Port Dickson	Eksport Export	3,611	3,293	6,797	4,302	3,047	3,072	2,372	2,114	2,613	2,928	
		Import Import	11,031	8,808	5,250	8,493	8,810	10,976	10,285	11,256	11,755	10,179	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>14,642</b>	<b>12,101</b>	<b>12,047</b>	<b>12,795</b>	<b>11,857</b>	<b>14,048</b>	<b>12,657</b>	<b>13,370</b>	<b>14,368</b>	<b>13,107</b>	
12	Kemaman	Eksport Export	1,502	1,427	1,163	1,806	1,713	1,834	1,944	2,062	3,432	2,506	
		Import Import	1,856	1,593	2,138	1,992	2,200	1,889	2,364	1,936	3,249	1,853	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>3,358</b>	<b>3,020</b>	<b>3,301</b>	<b>3,798</b>	<b>3,913</b>	<b>3,723</b>	<b>4,308</b>	<b>3,998</b>	<b>6,681</b>	<b>4,359</b>	

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



### JADUAL 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013 (SAMB.)

Table 3.1: Total Cargo Throughput by Ports, Malaysia, 2004-2013 (Cont'd)

(’000) FREIGHT WEIGHT TONNES

Bil No	Pelabuhan Ports		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
13	Teluk Ewa	Eksport Export	2,986	3,046	3,185	3,208	3,379	3,381	3,223	3,057	3,237	3,473	
		Import Import	610	537	573	555	744	637	729	788	696	706	
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>3,596</b>	<b>3,583</b>	<b>3,758</b>	<b>3,763</b>	<b>4,123</b>	<b>4,019</b>	<b>3,952</b>	<b>3,845</b>	<b>3,933</b>	<b>4,180</b>	
14	Tanjung Pelepas	Eksport Export	2,252	2,537	2,854	2,926	3,349	3,322	3,587	4,727	5,187	5,178	
		Import Import	638	627	728	754	1,378	1,312	1,224	1,259	1,412	1,584	
		Pindah Kapal Trans-shipment	54,188	56,357	65,194	80,009	83,212	85,813	92,845	106,803	109,658	113,286	
		<b>Jumlah Total</b>	<b>57,078</b>	<b>59,521</b>	<b>68,776</b>	<b>83,689</b>	<b>87,939</b>	<b>90,447</b>	<b>97,656</b>	<b>112,788</b>	<b>116,256</b>	<b>120,048</b>	
Jumlah Besar Grand Total		Eksport Export	137,309	144,778	159,054	164,815	175,248	163,372	182,961	198,290	197,878	203,063	
		Import Import	127,499	127,247	127,336	144,138	153,728	138,957	170,253	187,997	188,656	189,868	
		Pindah Kapal Trans-shipment	54,229	57,727	67,236	84,807	85,906	88,323	95,392	108,736	111,309	115,265	
		<b>Jumlah Total</b>	<b>319,037</b>	<b>329,752</b>	<b>353,626</b>	<b>393,760</b>	<b>414,936</b>	<b>390,653</b>	<b>448,605</b>	<b>495,024</b>	<b>497,843</b>	<b>508,197</b>	

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



### JADUAL 3.2: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2013

Table 3.2: Total Cargo Throughput by Ports and Type, Malaysia, 2013

(’000) FREIGHT WEIGHT TONNES

Pelabuhan Ports	Pukul Kering Dry Bulk		Pukul Cecair Liquid Bulk		Kargo Am General Cargo		Jumlah Total	Kargo Di Dalam Kontena Containerised Cargo	Jumlah Besar Grand Total
	Perdagangan Luar Negeri Foreign Trade	Perdagangan Dalam Negeri Local Trade	Perdagangan Luar Negeri Foreign Trade	Perdagangan Dalam Negeri Local Trade	Perdagangan Luar Negeri Foreign Trade	Perdagangan Dalam Negeri Local Trade			
Kelang	9,499	1,032	5,850	2,213	6,567	4,680	29,841	170,437	200,278
Pulau Pinang	806	3,569	650	4,254	647	612	10,537	19,543	30,081
Johor	-	-	-	-	-	-	26,979	-	26,979
Kuantan	8,534	6	4,008	831	4,047	85	17,511	1,821	19,332
Bintulu	2,802	315	30,120	4,232	1,977	291	39,737	4,068	43,805
Tanjung Bruas	158	-	4	16	299	-	477	-	477
Kuching	622	-	539	423	985	1,291	3,860	5,718	9,578
Miri	698	13	1,062	2,524	890	394	5,581	848	6,429
Rajang	114	10	-	251	48	72	495	1,631	2,126
Sabah	-	-	-	-	-	-	22,424	4,994	27,418
Port Dickson	2,570	266	5,241	4,908	114	8	13,107	-	13,107
Kemaman	1,494	81	2,427	149	94	114	4,359	-	4,359
Telok Ewa	3,473	637	-	69	-	-	4,180	-	4,180
Tanjung Pelepas	-	-	-	-	-	-	-	120,048	120,048
<b>Jumlah Total</b>	<b>30,771</b>	<b>5,928</b>	<b>49,901</b>	<b>19,870</b>	<b>15,668</b>	<b>7,547</b>	<b>179,089</b>	<b>329,108</b>	<b>508,197</b>

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



### JADUAL 3.3: BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2013

Table 3.3: Commodities Loaded by Ports and Types, Malaysia, 2013

(’000) FREIGHT WEIGHT TONNES

Pelabuhan Ports	Minyak Kelapa Sawit Palm Oil	Buangan Isi Sawit Palm Kernel Waste	Petroleum & Minyak Pembakar Petroleum & Fuel Oil	Gas Asli Cecair Liquefied Natural Gas	Gas Petroleum Cair Liquefied Petroleum Gas	Kayu Kayan Proses Processed Timber	Kayu Balak Logs	Bijirin Grains/ Cereals	Besi/ Besi Waja Iron/ Steel	Bahan Kimia / Baja Chemical/ Fertilizer	Getah & Susu Getah Rubber & Latex	Simen/ Klinker Cement/ Clinker	Bijih & Galian Ore & Mineral	Lain-Lain Others	Jumlah Total
Kelang	1,950	604	-	-	40	-	43	9	550	123	-	22	202	86,880	90,423
Pulau Pinang	442	-	-	-	-	820	-	-	396	1,272	2,342	-	-	7,662	12,934
Johor	3,161	381	189	-	-	-	-	-	23	441	-	-	-	6,207	10,402
Kuantan	1,571	174	103	-	-	75	-	-	-	848	-	-	7,023	5,307	15,099
Bintulu	3,194	384	4,485	25,479	97	932	838	-	-	-	-	57	-	2,186	37,652
Tanjung Bruas	-	-	-	-	-	-	-	-	37	-	-	-	140	-	177
Kuching	148	-	10	-	-	233	-	10	118	42	52	120	-	1,450	2,183
Miri	2	-	3,455	-	-	974	711	-	4	1	-	-	-	416	5,563
Rajang	42	20	-	-	-	423	-	-	-	-	5	-	-	123	613
Sabah	7,461	-	-	-	-	-	-	-	-	95	-	-	-	6,375	13,931
Port Dickson	-	-	2,752	-	176	-	-	-	-	-	-	-	-	-	2,928
Kemaman	-	-	259	-	475	-	-	-	66	-	-	-	1,053	653	2,506
Telok Ewa	-	-	-	-	-	-	-	-	-	-	-	3,473	-	-	3,473
Tanjung Pelepas	625	-	-	-	-	-	-	-	91	308	329	-	-	3,824	5,178
<b>Jumlah Total</b>	<b>18,597</b>	<b>1,563</b>	<b>11,253</b>	<b>25,479</b>	<b>788</b>	<b>3,457</b>	<b>1,592</b>	<b>19</b>	<b>1,284</b>	<b>3,130</b>	<b>2,729</b>	<b>3,672</b>	<b>8,417</b>	<b>121,083</b>	<b>203,063</b>

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



### JADUAL 3.4: BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2013

Table 3.4: Commodities Unloaded by Ports and Types, Malaysia, 2013

(‘000) FREIGHT WEIGHT TONNES

Pelabuhan Ports	Minyak Kelapa Sawit Palm Oil	Petroleum & Minyak Pembakar Petroleum & Fuel Oil	Besi/ Besi Waja Iron/ Steel	Bijirin Grains/ Cereals	Gula Sugar	Bahan Kimia/ Baja Chemical/ Fertilizer	Mesin/ Peralatan CKD Machinery/ Component CKD	Kertas Paper Reels	Kain Textiles	Simen / Klinker Cement/ Clinker	Makanan Proses Processed Foodstuff	Lain-Lain Others	Jumlah Total
Kelang	1,251	1,146	2,829	2,077	478	1,322	79	23	-	1,319	6	99,325	109,855
Pulau Pinang	190	3,342	653	1,134	1,103	665	469	639	116	-	383	7,803	16,497
Johor	1,170	2,774	500	694	-	2,967	-	-	-	-	-	8,472	16,577
Kuantan	109	1,393	104	-	-	1,027	-	-	-	-	-	1,600	4,233
Bintulu	76	981	-	-	-	610	-	-	-	462	-	2,695	4,824
Tanjung Bruas	-	-	229	12	-	-	-	-	-	-	-	59	301
Kuching	-	798	483	519	178	362	150	82	38	329	440	4,015	7,395
Miri	-	229	61	-	1	60	72	9	5	-	152	277	866
Rajang	-	249	95	55	18	75	175	33	23	-	290	500	1,513
Sabah	1,000	2,392	-	-	-	1,044	-	-	-	-	-	9,051	13,487
Port Dickson	-	7,400	-	-	-	-	-	-	-	-	-	2,779	10,179
Kemaman	-	-	14	-	-	-	-	-	-	-	-	1,839	1,853
Telok Ewa	-	-	-	-	-	-	-	-	-	-	-	706	706
Tanjung Pelepas	-	-	103	-	-	101	-	28	591	-	359	402	1,584
<b>Jumlah Total</b>	<b>3,796</b>	<b>20,704</b>	<b>5,070</b>	<b>4,491</b>	<b>1,777</b>	<b>8,233</b>	<b>946</b>	<b>814</b>	<b>773</b>	<b>2,110</b>	<b>1,630</b>	<b>139,524</b>	<b>189,868</b>

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



**JADUAL 3.5: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013***Table 3.5: Total Container Throughput by Ports, Malaysia, 2004-2013*

												TEUs
Bil No	Pelabuhan Ports		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Kelang	Eksport Export	1,234,229	1,276,661	1,367,625	1,474,193	1,598,544	1,478,354	1,718,845	1,720,542	1,860,613	1,860,613
		Import Import	1,294,269	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
		Pindah Kapal Trans-shipment	2,715,095	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
		<b>Jumlah Total</b>	<b>5,243,593</b>	<b>5,543,527</b>	<b>6,326,295</b>	<b>7,118,714</b>	<b>7,973,579</b>	<b>7,309,779</b>	<b>8,871,745</b>	<b>9,603,926</b>	<b>10,001,495</b>	<b>10,350,407</b>
2	Pulau Pinang	Eksport Export	403,938	372,576	422,216	488,254	487,049	450,999	532,936	570,500	565,516	593,785
		Import Import	368,086	357,213	406,492	410,282	401,727	444,530	506,841	557,050	538,074	565,894
		Pindah Kapal Trans-shipment	-	65,500	21,022	27,455	28,855	62,947	66,321	74,629	62,143	78,034
		<b>Jumlah Total</b>	<b>772,024</b>	<b>795,289</b>	<b>849,730</b>	<b>925,991</b>	<b>917,631</b>	<b>985,476</b>	<b>1,106,098</b>	<b>1,202,179</b>	<b>1,165,733</b>	<b>1,237,713</b>
3	Johor	Eksport Export	497,228	382,675	410,422	421,045	400,849	367,368	394,192	344,213	332,905	339,939
		Import Import	308,461	323,331	335,335	363,672	374,281	334,140	371,463	349,632	350,826	380,055
		Pindah Kapal Trans-shipment	-	136,297	134,854	142,567	159,637	143,348	110,613	136,495	117,327	37,029
		<b>Jumlah Total</b>	<b>805,689</b>	<b>842,303</b>	<b>880,611</b>	<b>927,284</b>	<b>934,676</b>	<b>844,856</b>	<b>876,268</b>	<b>830,340</b>	<b>801,058</b>	<b>757,023</b>
4	Kuantan	Eksport Export	62,072	61,842	64,167	65,577	64,545	66,567	72,850	67,204	69,356	63,482
		Import Import	59,760	55,975	59,581	61,892	61,936	65,320	69,134	64,943	66,726	62,746
		Pindah Kapal Trans-shipment	913	1,250	1,086	131	580	365	96	649	19	320
		<b>Jumlah Total</b>	<b>122,745</b>	<b>119,067</b>	<b>124,834</b>	<b>127,600</b>	<b>127,061</b>	<b>132,252</b>	<b>142,080</b>	<b>132,796</b>	<b>136,101</b>	<b>126,548</b>

**SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT**

Source: All Ports and Marine Department

TEUs: Twenty-Foot Equivalent Unit



### JADUAL 3.5: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013 (SAMB.)

Table 3.5: Total Container Throughput by Ports, Malaysia, 2004-2013 (Cont'd)

												TEUs
Bil No	Pelabuhan Ports		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
5	Bintulu	Eksport Export	31,240	34,241	44,366	62,320	78,645	68,926	74,600	70,707	84,809	89,986
		Import Import	27,380	29,688	37,398	50,050	72,839	66,830	73,127	77,703	88,410	90,505
		Pindah Kapal Trans-shipment	85,163	83,891	117,940	139,430	138,683	112,634	103,569	67,041	57,834	69,862
		<b>Jumlah Total</b>	<b>143,783</b>	<b>147,820</b>	<b>199,704</b>	<b>251,800</b>	<b>290,167</b>	<b>248,390</b>	<b>251,296</b>	<b>215,451</b>	<b>231,053</b>	<b>250,353</b>
6	Kuching	Eksport Export	68,509	68,799	73,524	78,325	82,235	76,753	92,458	104,568	112,500	122,508
		Import Import	71,720	73,703	78,022	84,143	87,836	82,677	94,631	103,441	108,141	108,492
		Pindah Kapal Trans-shipment	998	594	848	870	1,872	1,661	3,553	6,811	11,185	18,690
		<b>Jumlah Total</b>	<b>141,227</b>	<b>143,096</b>	<b>152,394</b>	<b>163,338</b>	<b>171,943</b>	<b>161,091</b>	<b>190,642</b>	<b>214,820</b>	<b>231,826</b>	<b>249,690</b>
7	Miri	Eksport Export	7,217	7,442	9,001	10,405	13,555	12,095	14,599	14,234	14,676	15,224
		Import Import	7,185	7,381	7,836	10,754	14,530	13,007	15,174	17,605	16,823	18,723
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>14,402</b>	<b>14,823</b>	<b>16,837</b>	<b>21,159</b>	<b>28,085</b>	<b>25,102</b>	<b>29,773</b>	<b>31,839</b>	<b>31,499</b>	<b>33,947</b>
8	Rajang	Eksport Export	26,477	26,799	26,652	32,823	37,698	31,679	39,278	43,861	43,653	34,181
		Import Import	27,263	27,578	27,089	33,085	36,622	34,531	41,055	44,839	45,878	46,896
		Pindah Kapal Trans-shipment	-	-	-	-	-	-	-	-	-	-
		<b>Jumlah Total</b>	<b>53,740</b>	<b>54,377</b>	<b>53,777</b>	<b>65,908</b>	<b>74,320</b>	<b>66,210</b>	<b>80,333</b>	<b>88,700</b>	<b>89,531</b>	<b>81,077</b>

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

TEUs: Twenty-Foot Equivalent Unit



### JADUAL 3.5: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2004-2013 (SAMB.)

Table 3.5: Total Container Throughput by Ports, Malaysia, 2004-2013 (Cont'd)

												TEUs
Bil No	Pelabuhan Ports		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
9	Sabah	Eksport Export	104,289	103,167	112,890	130,172	143,047	139,857	155,614	164,408	183,623	180,504
		Import Import	103,809	105,321	114,194	133,035	144,156	136,063	156,961	168,511	183,656	183,984
		Pindah Kapal Trans-shipment	-	-	-	8,264	5,485	1,985	14,251	23,276	7,345	8,554
		<b>Jumlah Total</b>	<b>208,098</b>	<b>208,488</b>	<b>227,084</b>	<b>271,471</b>	<b>292,688</b>	<b>277,905</b>	<b>326,826</b>	<b>356,195</b>	<b>374,624</b>	<b>373,042</b>
10	Tanjung Pelepas	Eksport Export	125,615	151,202	161,878	173,759	214,404	190,953	208,210	285,093	308,625	310,572
		Import Import	42,194	40,457	44,528	51,574	97,383	105,655	102,457	131,904	139,333	132,231
		Pindah Kapal Trans-shipment	3,668,161	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
		<b>Jumlah Total</b>	<b>3,835,970</b>	<b>4,177,123</b>	<b>4,637,418</b>	<b>5,297,631</b>	<b>5,466,191</b>	<b>5,835,085</b>	<b>6,298,733</b>	<b>7,302,460</b>	<b>7,493,805</b>	<b>7,416,518</b>
Jumlah Besar Grand Total		Eksport Export	2,560,814	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
		Import Import	2,310,127	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
		Pindah Kapal Trans-shipment	6,470,330	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
		<b>Jumlah Total</b>	<b>11,341,271</b>	<b>12,045,913</b>	<b>13,468,648</b>	<b>15,170,896</b>	<b>16,276,432</b>	<b>15,859,146</b>	<b>18,173,794</b>	<b>19,978,706</b>	<b>20,556,725</b>	<b>20,876,318</b>

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

TEUs: Twenty-Foot Equivalent Unit





### JADUAL 3.6: JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2004-2013

Table 3.6: Total Number of Ships Calling by Ports, Malaysia, 2004-2013

Pelabuhan / Ports		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Kelang	Bil No.	15,150	15,050	16,404	17,149	16,864	16,116	17,910	18,117	17,721	16,703
	GRT ('000)	223,661	235,037	259,094	297,671	306,682	236,891	363,322	392,947	384,436	407,918
Pulau Pinang	Bil No.	6,804	6,220	6,177	6,036	5,779	5,559	6,136	6,327	7,796	6,309
	GRT ('000)	33,096	35,938	38,311	48,843	37,068	42,411	60,978	62,034	66,941	63,992
Johor	Bil No.	6,526	6,138	6,337	6,004	5,823	5,121	4,882	4,899	4,252	4,133
	GRT ('000)	28,705	28,910	26,916	23,637	41,037	41,348	38,177	36,864	30,286	29,614
Kuantan	Bil No.	2,382	2,195	2,324	2,375	2,315	2,447	2,405	2,440	2,470	2,406
	GRT ('000)	15,968	15,558	17,617	15,959	15,432	18,049	19,274	21,694	22,469	23,153
Bintulu	Bil No.	5,617	5,789	6,024	6,007	7,015	7,514	7,601	7,606	7,581	8,239
	GRT ('000)	53,676	57,406	57,616	60,111	60,384	58,668	61,563	64,052	63,987	67,534
Tanjung Bruas	Bil No.	183	149	119	159	147	115	104	104	91	117
	GRT ('000)	620	409	196	571	508	406	383	405	384	471
Kuching	Bil No.	2,180	3,252	3,022	2,669	2,190	1,899	2,111	1,982	1,933	2,054
	GRT ('000)	8,514	9,480	9,804	9,327	8,666	8,444	9,716	10,132	10,337	10,624
Miri	Bil No.	2,312	3,120	2,504	1,643	1,690	1,637	1,645	1,692	1,779	1,702
	GRT ('000)	7,752	8,136	8,455	9,005	8,691	8,387	7,720	7,156	6,134	7,545
Rajang	Bil No.	2,006	1,996	1,881	1,727	1,692	1,690	1,821	1,680	1,378	1,034
	GRT ('000)	8,138	8,452	8,280	7,179	6,797	6,918	6,990	6,360	3,611	1,998
Sabah	Bil No.	15,006	14,940	15,505	14,456	13,540	13,227	13,125	12,754	14,641	13,228
	GRT ('000)	34,835	36,350	37,063	35,181	35,265	33,840	33,336	36,467	37,997	40,811
Port Dickson	Bil No.	1,278	1,126	1,000	1,628	1,282	1,028	892	869	963	854
	GRT ('000)	9,970	9,218	9,500	12,591	11,640	11,560	11,203	10,938	11,685	12,062
Kemaman	Bil No.	337	319	265	374	344	391	553	423	605	554
	GRT ('000)	3,309	3,099	3,100	3,905	3,966	3,757	4,240	4,187	5,723	4,002
Teluk Ewa	Bil No.	381	535	563	597	637	633	595	589	510	527
	GRT ('000)	2,402	2,438	2,509	2,509	2,592	3,028	2,653	2,711	2,635	3,078
Tanjung Pelepas	Bil No.	3,193	3,128	3,261	3,747	3,760	3,776	4,162	5,125	5,041	4,793
	GRT ('000)	25,544	25,024	26,088	29,976	30,112	30,208	33,296	41,000	40,328	38,344
<b>Jumlah Total</b>	<b>Bil No.</b>	<b>63,355</b>	<b>63,957</b>	<b>65,386</b>	<b>64,571</b>	<b>63,078</b>	<b>61,153</b>	<b>63,942</b>	<b>64,607</b>	<b>66,761</b>	<b>62,653</b>
	<b>GRT ('000)</b>	<b>456,190</b>	<b>475,455</b>	<b>504,549</b>	<b>556,465</b>	<b>568,840</b>	<b>503,915</b>	<b>652,852</b>	<b>696,948</b>	<b>686,953</b>	<b>711,145</b>

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

GRT: Gross Register Tonnage



**JADUAL 3.7: JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2013***Table 3.7: Type of Ships Calling by Ports, Malaysia, 2013*

Pelabuhan Ports	Perentas Samudera Foreign Going							Persisiran Coastal							Jumlah Besar Grand Total
	Kontena Container		Kargo Am General Cargo	Tanker Cecair Liquid Tankers	Pukul Kering Dry Bulk	Lain-Lain Others	Jumlah Total	Kontena Container		Kargo Am General Cargo	Tanker Cecair Liquid Tankers	Pukul Kering Dry Bulk	Lain-Lain Others	Jumlah Total	
	Induk Main Line	Perantara Feeder						Induk Main Line	Perantara Feeder						
Kelang	2,274	7,793	1,302	1,576	433	1,181	14,559	209	657	324	100	24	830	2,144	16,703
Pulau Pinang	-	1	680	847	210	1,645	3,383	-	1,556	31	293	-	1,046	2,926	6,309
Johor	1,094	-	477	1,558	382	-	3,511	615	-	7	-	-	-	622	4,133
Kuantan	34	302	416	746	450	23	1,971	-	-	59	316	5	55	435	2,406
Bintulu	137	354	428	1,186	213	761	3,079	-	501	262	537	122	3,738	5,160	8,239
Tanjung Bruas	-	-	74	3	16	-	93	-	-	24	-	-	-	24	117
Kuching	31	219	139	163	79	99	730	-	532	294	86	1	411	1,324	2,054
Miri	-	-	354	20	-	-	374	-	274	847	207	-	-	1,328	1,702
Rajang	-	-	-	-	60	-	60	-	726	129	84	35	-	974	1,034
Sabah	-	-	-	-	-	-	-	-	-	-	-	-	-	13,228	13,228
Port Dickson	-	-	-	319	62	112	493	-	-	-	288	14	59	361	854
Kemaman	-	-	53	396	69	-	518	-	-	5	15	16	-	36	554
Teluk Ewa	-	-	-	35	133	63	231	-	-	-	31	144	121	296	527
Tanjung Pelepas	2,542	1,943	-	-	-	-	4,485	178	130	-	-	-	-	308	4,793
<b>Jumlah Total</b>	<b>6,112</b>	<b>10,612</b>	<b>3,923</b>	<b>6,849</b>	<b>2,107</b>	<b>3,884</b>	<b>33,487</b>	<b>1,002</b>	<b>4,376</b>	<b>1,982</b>	<b>1,957</b>	<b>361</b>	<b>6,260</b>	<b>29,166</b>	<b>62,653</b>

**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, 2009-2013**

*Table 3.8: Number of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2009-2013*

Jenis Kapal Type of Ship	2009			2010			2011			2012			2013		
	Bil No.	GRT ('000)	NRT ('000)	Bil No.	GRT ('000)	NRT ('000)	Bil No.	GRT ('000)	NRT ('000)	Bil No.	GRT ('000)	NRT ('000)	Bil No.	GRT ('000)	NRT ('000)
Tangki Minyak Oil Tanker	5	172	116	17	67	28	17	82	40	22	177	81	18	18	8
Kapal LNG, LPG LNG, LPG Carrier	1	108	32	-	-	-	-	-	-	-	-	-	-	-	-
Tangki Kimia Petroleum Chemical Petroleum Tanker	4	24	11	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	3	2	5	21	11	25	44	23	11	20	10	7	28	15
Kapal Penumpang, Am, Penumpang Passenger, General, Passenger Ship	19	1	1	7	2	1	15	2	1	4	1	0	7	4	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	13	12	4	19	17	5	36	59	18	23	21	6	23	50	16
Tongkang Barge	33	82	26	44	79	24	53	93	30	42	86	30	43	117	36
Lain-Lain Others	72	124	50	156	280	128	226	365	151	189	436	181	191	428	145
<b>Jumlah Total</b>	<b>152</b>	<b>526</b>	<b>241</b>	<b>269</b>	<b>816</b>	<b>339</b>	<b>392</b>	<b>835</b>	<b>338</b>	<b>298</b>	<b>827</b>	<b>342</b>	<b>306</b>	<b>939</b>	<b>351</b>

**SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT**

Source: All Ports and Marine Department



**JADUAL 3.9: JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS  
(PENGLASAN BARU) DAN BERAT, MALAYSIA, 2009-2013**

*Table 3.9: Total of Ships Registered in Malaysia by Type (New Classification) And Weight, Malaysia, 2004-2013*

Jenis Kapal Type of Ship	2009			2010			2011			2012			2013		
	Bil No.	GRT ('000)	NRT ('000)	Bil No.	GRT ('000)	NRT ('000)	Bil No.	GRT ('000)	NRT ('000)	Bil No.	GRT ('000)	NRT ('000)	Bil No.	GRT ('000)	NRT ('000)
Tangki Minyak Oil Tanker	205	2,572	1,522	193	2,318	1,374	209	2,387	1,408	215	2,419	1,414	206	2,027	1,163
Kapal LNG, LPG LNG, LPG Carrier	47	2,543	771	45	2,540	770	43	2,534	768	41	2,373	719	40	2,371	719
Tangki Kimia Petroleum Chemical Petroleum Tanker	52	680	293	51	793	318	66	905	361	63	822	327	53	571	229
Kapal Pukul, Bijih, Kayu Balak Bulk, Grain, Ore, Log Carrier	21	346	203	15	229	137	17	239	141	15	193	112	14	192	111
Kargo Am, Separa Kontena General Cargo, Semi Container	512	619	338	478	554	301	527	578	314	491	579	314	577	580	314
Kapal Penumpang, Am, Penumpang Passenger, General, Passenger Ship	332	55	21	319	54	21	442	63	24	322	47	17	431	55	21
RO-RO	10	61	20	10	75	24	12	101	32	10	130	40	11	195	59
Kontena Penuh Full Container	57	787	410	56	752	395	53	710	378	33	218	111	29	190	94
Offshore Support Vessel	218	177	54	207	164	50	251	237	72	249	218	66	256	244	75
Tongkang Barge	1,441	1,474	572	1,362	1,249	440	1,455	1,406	491	1,455	1,400	489	1,427	1,378	480
Lain-Lain Others	1,782	1,879	814	1,730	1,806	789	2,070	2,335	1,001	2,136	2,618	1,085	2,104	2,451	968
<b>Jumlah Total</b>	<b>4,677</b>	<b>11,194</b>	<b>5,017</b>	<b>4,466</b>	<b>10,532</b>	<b>4,617</b>	<b>5,145</b>	<b>11,496</b>	<b>4,990</b>	<b>5,030</b>	<b>11,017</b>	<b>4,694</b>	<b>5,148</b>	<b>10,253</b>	<b>4,234</b>

**SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT**

Source: All Ports and Marine Department



**JADUAL 3.10: JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH  
LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2009-2013**

*Table 3.10: Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLБ), 2009-2013*

Jenis Kargo <i>Type of Cargo</i>	2009		2010		2011		2012		2013	
	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>
Kargo Kering <i>Dry Bulk</i>	864	45	821	28	848	29	881	37	926	47
Kelapa Sawit <i>Palm Oil</i>	15	73	20	77	38	85	38	73	42	65
Petroleum Diesel <i>Petroleum Diesel</i>	195	370	200	470	214	542	211	686	204	731
Penumpang <i>Passenger</i>	144	57	135	60	114	36	122	24	125	35
Kontena <i>Container</i>	73	26	58	38	57	28	50	51	40	41
Kimia <i>Chemical</i>	28	139	24	108	10	120	15	102	17	104
Khidmat Tunda <i>Towing Services</i>	507	590	547	578	587	496	622	601	634	561
Peralatan Kerja Cari Gali <i>Exploration Work Equipment</i>	100	417	153	557	161	585	172	902	191	908
Kenderaan RO-RO <i>Vehicle RO-RO</i>	10	0	10	0	7	0	7	2	17	3
Bahan Binaan <i>Construction Material</i>	45	163	83	220	78	216	75	368	62	351
Kayu Balak <i>Log Wood</i>	235	0	250	0	249	0	234	2	228	1
Simen Klinker <i>Clinker Cement</i>	0	41	0	59	0	45	0	57	0	45
Lain-Lain <i>Others</i>	142	324	106	308	98	310	106	346	165	407
<b>Jumlah Total</b>	<b>2,358</b>	<b>2,245</b>	<b>2,407</b>	<b>2,503</b>	<b>2,461</b>	<b>2,492</b>	<b>2,533</b>	<b>3,251</b>	<b>2,651</b>	<b>3,299</b>

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

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



**JADUAL 3.11: JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS LESEN DAN PENDAFTARAN OLEH  
LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2009-2013**

*Table 3.11: Total Number of Licenses Issued by Type of License and Registration by Domestic Shipping Licensing Board (DSLБ), 2009-2013*

Jenis Lesen <i>Type of Licenses</i>	2009		2010		2011		2012		2013	
	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>	Daftaran Malaysia <i>Malaysian Registered</i>	Daftaran Asing Foreign <i>Foreign Registered</i>
Sementara <i>Temporary</i>	205	2,245	211	2,503	176	2,492	251	3,251	216	3,299
Bersyarat <i>Conditional</i>	1,874	0	1,886	0	1,987	0	2,047	0	2,163	0
Tanpa Syarat <i>Unconditional</i>	279	0	310	0	298	0	235	0	272	0
<b>Jumlah Total</b>	<b>2,358</b>	<b>2,245</b>	<b>2,407</b>	<b>2,503</b>	<b>2,461</b>	<b>2,492</b>	<b>2,533</b>	<b>3,251</b>	<b>2,651</b>	<b>3,299</b>

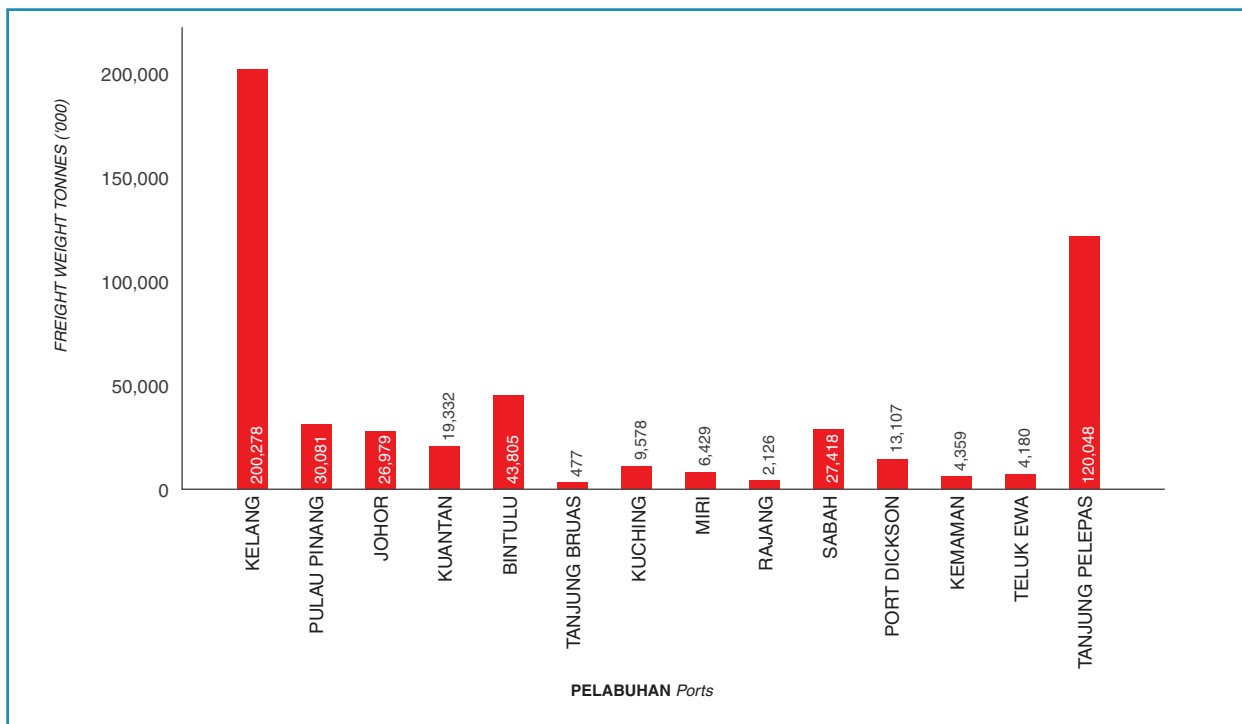
**SUMBER: LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), KEMENTERIAN PENGANGKUTAN**

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



### CARTA 3.1: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2013

Chart 3.1: Total Cargo Throughput by Ports, Malaysia, 2013



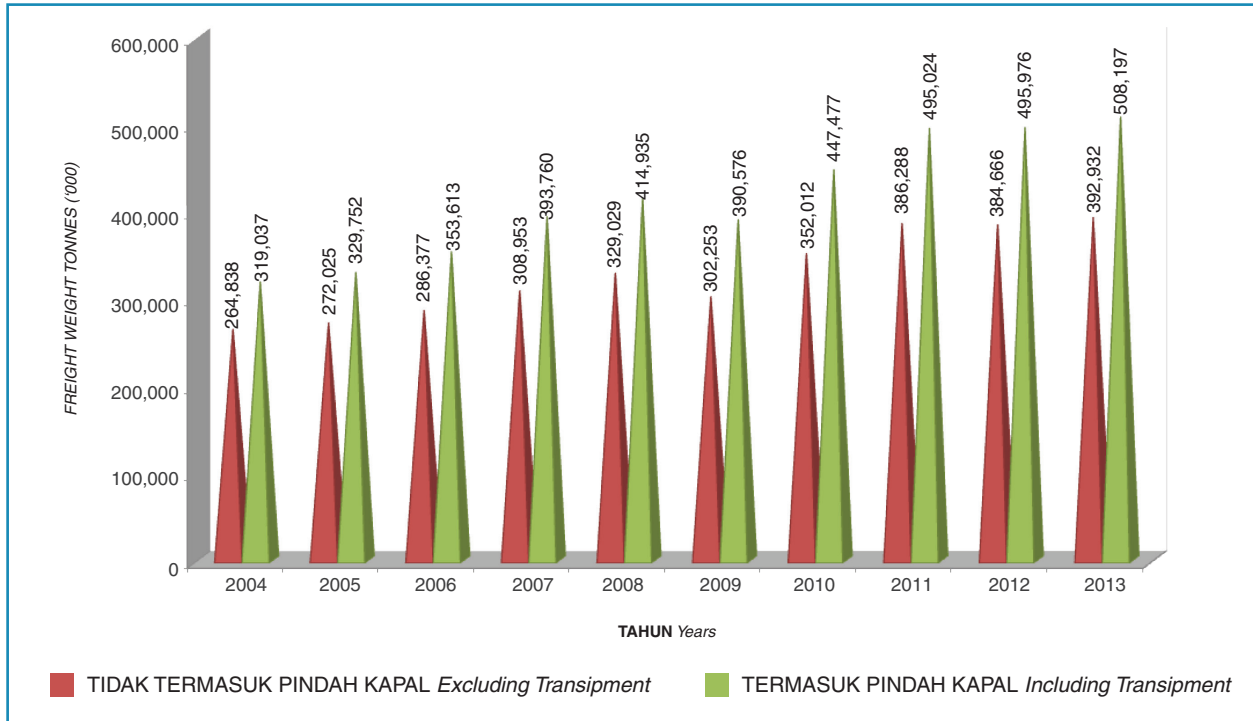
SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



### CARTA 3.2: JUMLAH KARGO YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2004-2013

Chart 3.2: Total Cargo Throughput at Ports, Malaysia, 2004-2013



SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

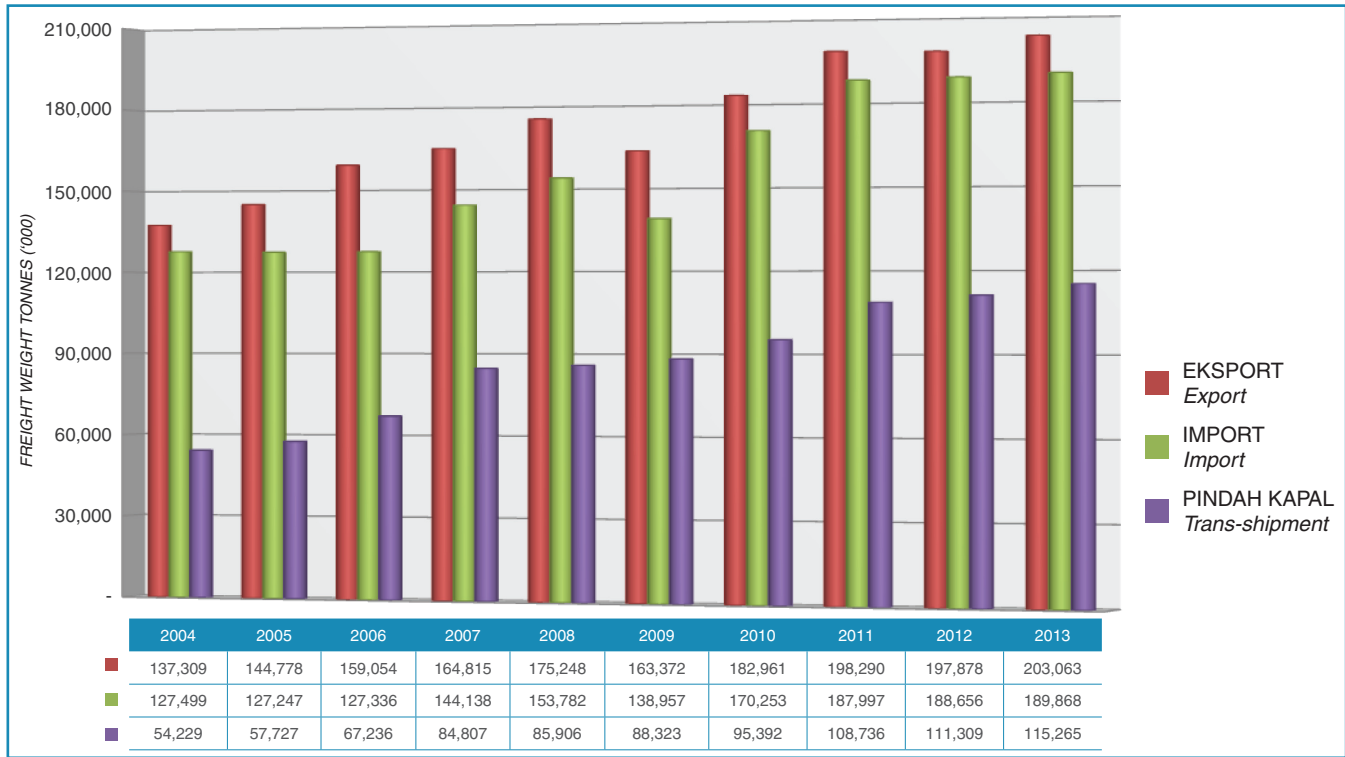
Source: All Ports and Marine Department





### CARTA 3.3: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT EKSPORT, IMPORT DAN PINDAH KAPAL DI PELABUHAN MALAYSIA, 2004-2013

Chart 3.3: Total Cargo Throughput by Export, Import and Transshipment at Ports, Malaysia, 2004-2013

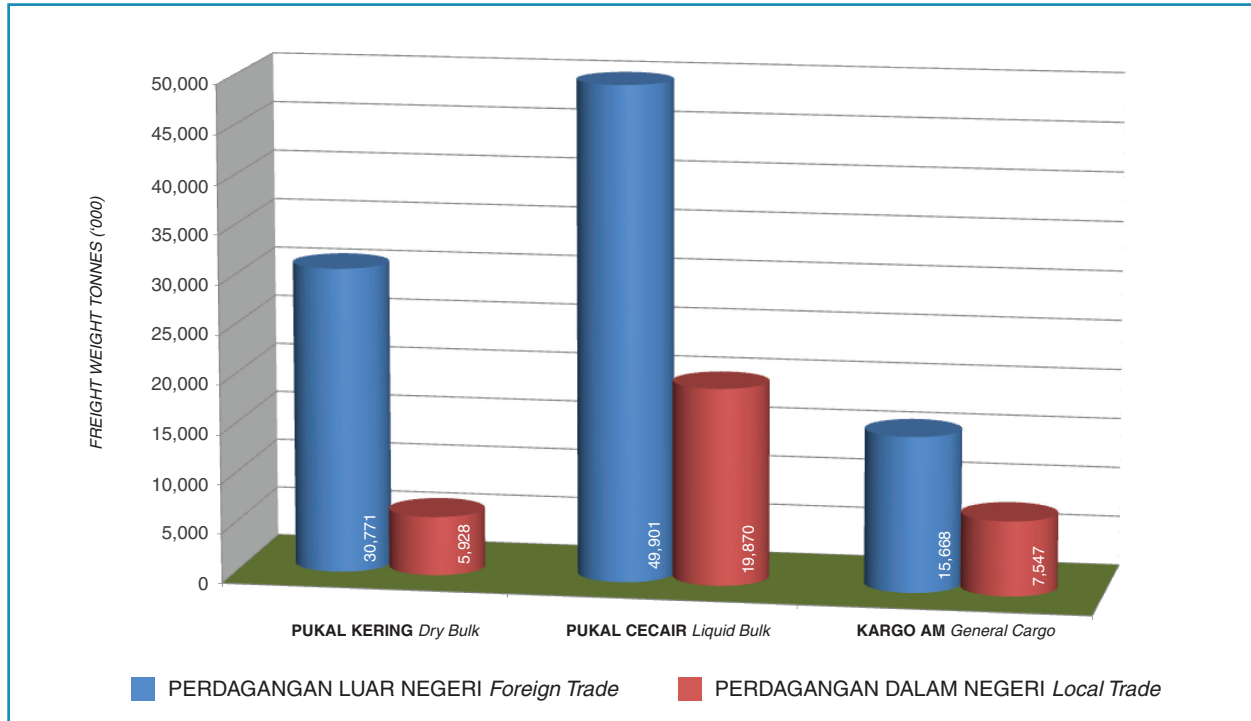


SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT  
Source: All Ports and Marine Department



### CARTA 3.4: JUMLAH KENDALIAN KARGO UNTUK PERDAGANGAN DALAM NEGERI DAN LUAR NEGERI, 2013

Chart 3.4: Total Cargo Handling for Local and Foreign Trade, 2013



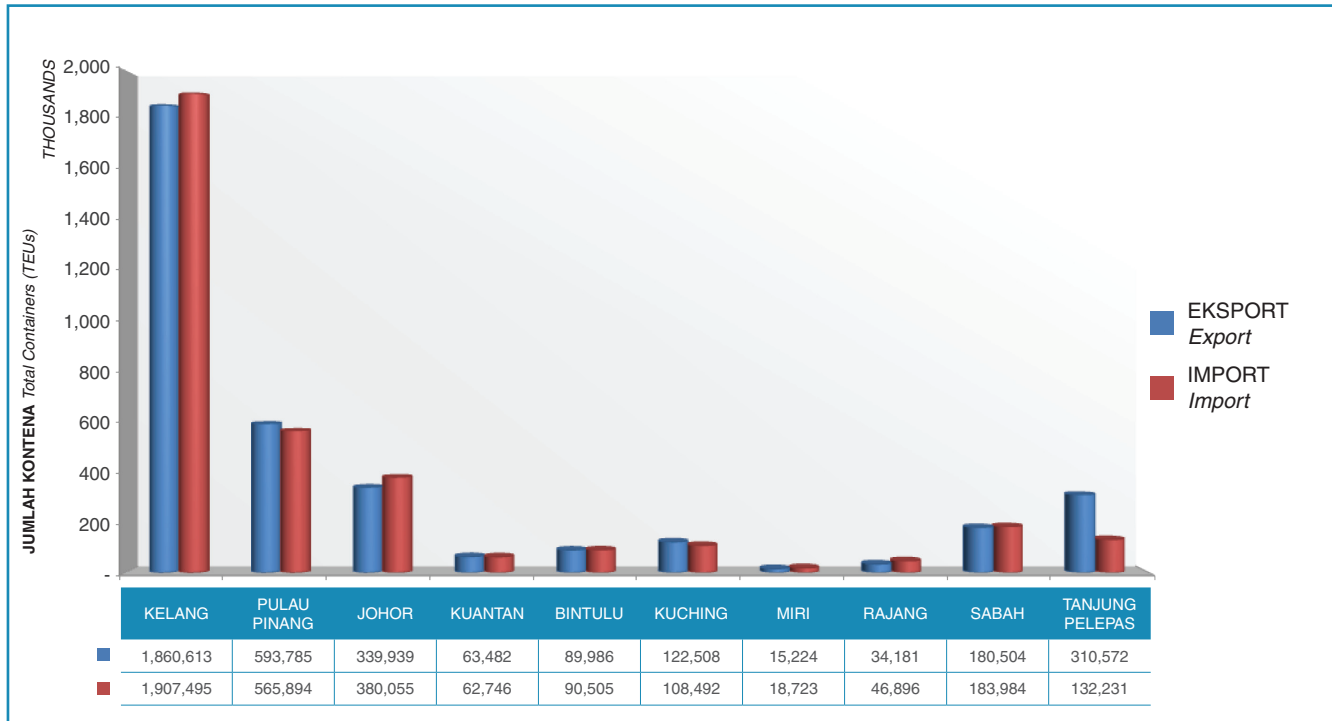
SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



### CARTA 3.5: JUMLAH PENGENDALIAN EKSPORT DAN IMPORT KONTENA MENGIKUT PELABUHAN, MALAYSIA, 2013

Chart 3.5: Handling of Export and Import Container by Ports, Malaysia, 2013



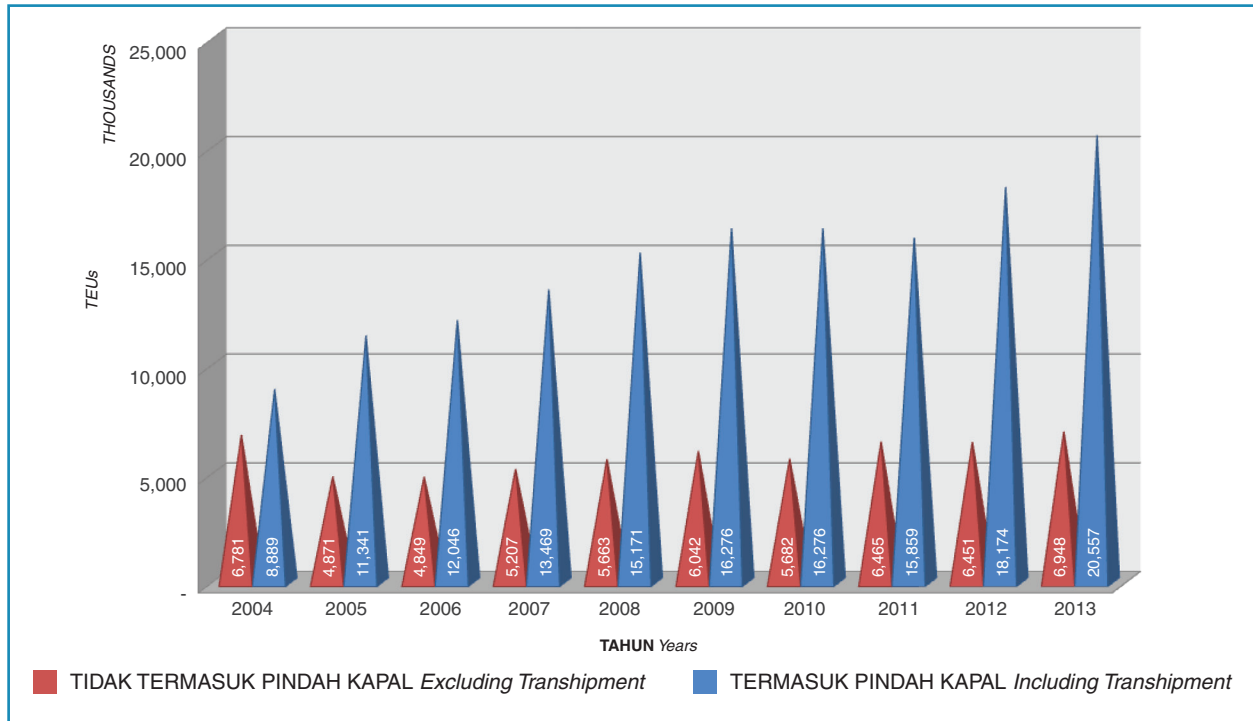
SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



**CARTA 3.6: JUMLAH KONTENA YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2004-2013**

*Chart 3.6: Total Container Throughput at Ports, Malaysia, 2004-2013*



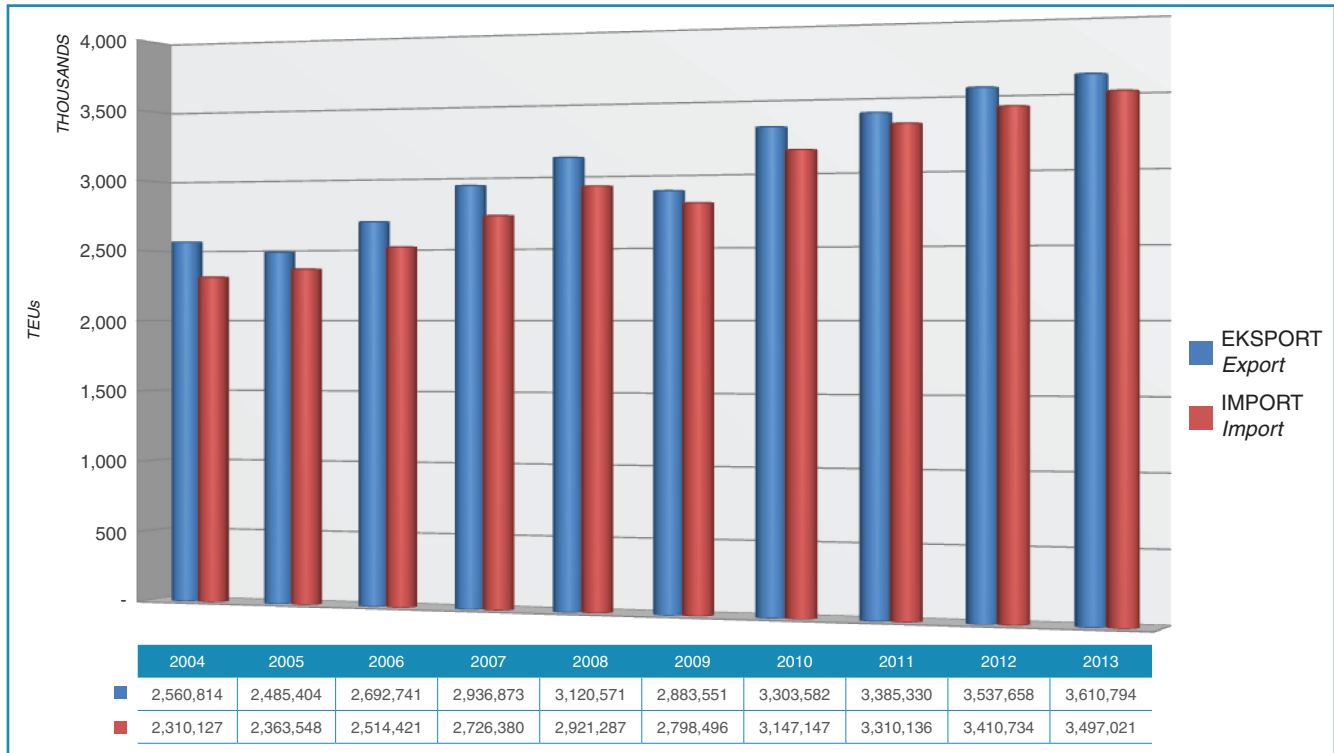
SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



### CARTA 3.7: JUMLAH PENGENDALIAN KONTENA EKSPORT DAN IMPORT MENGIKUT TAHUN, MALAYSIA, 2004-2013

Chart 3.7: Total Handling of Export and Import Container by Ports, Malaysia, 2004-2013



SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



KEMENTERIAN PENGANGKUTAN MALAYSIA  
MINISTRY OF TRANSPORT MALAYSIA

# PENGANGKUTAN UDARA

---

*Air Transport*



### JADUAL 4.1: KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2013

Table 4.1: International Airport Facilities, Malaysia, 2013

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 and Air Navigational Aids
KLIA	CAT IX	4124 M X 60 M (32R/14L) 4056 M X 60 M (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	3800 M X 45 M	PCN 70 F/C/X/T	2230 - 1600 UTC	AIRBUS A380	ILS/LLZ,GP/DME,NDB, DVOR/DME
Pulau Pinang	CAT IX	3352 M X45 M	PCN 105F/B/X/U	24 HOURS	B747-800(RESTRICTED)	ILS/LLZ,L/NDB, GP/DME, DVOR/DME
Langkawi	CAT VIII	3810 M X45 M	PCN 77F/C/W/T	2300 - 1500 UTC	B747	ILS/LLZ,DVOR, GP/ DME,NDB
Kuching	CAT IX	3780 M X46 M	PCN 82 /F/C/X/T	24 HOURS	B747	ILS/LLZ,GP/DME,NDB, DVOR/DME
Kota Kinabalu	CAT IX	2987 M X 46 M	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, 2013

*Table 4.2: Domestic Airport Facilities, Malaysia, 2013*

Lapangan Terbang Airport	Kategori Perkhidmatan Bomba & Penyelamat Airport Fire & Rescue Services Category (AFRS)	Panjang/ Lebar Landasan Runway Length/ Width (M)	Keupayaan Landasan Load Classification Number	Waktu Beroperasi Hours of Operation	Pendaratan Pesawat Terbesar Biggest Aircraft Landed	Sistem Perhubungan & Pemaliman Udara Radio and Air Navigational Aids
Alor Setar	6	2745 M X 45 M	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	1981 M X45 M	PCN 51/F/A/W/T	2200 - 1530 UTC	B737-800	NDB, DVOR/DME, ILS/LLZ, GP/DME
Kuantan	7	2804 M X 46 M	LCN 48 Tarmac	2230 - 1230 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is B734 only	L, ILS/LOC, GP/DME, DVOR/TACAN
Kerteh	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ipoh	6	1798 M X 36 M	PCN 77/F/C/W/T	2300 - 1300 UTC	Designed for B737 but no B737 schedule flight, biggest aircraft is ATR-72 only	L, ILS/LOC, GP/DME, VOR/DME, VOR
Melaka	5	2135 M X 45 M	PCN 47/F/D/X/T	2300 - 1100 UTC	Designed for A320 but no A320 schedule flight, biggest aircraft is ATR-72 only	NDB , DVOR/DME,L
Kuala Terengganu	Category 9 during Hajj flights operations with B747 aircraft, and Category 6 during A320 scheduled flights	3480 M X 45 M	PCN 75 F/B/X/T	2300 - 1400 UTC	Designed for B747 but no B747 schedule flight except during Hajj. Biggest aircraft is A320.	DVOR / DME , LCTR ,ILS
Subang	7	3780 M X 45 M	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.	992 M X 30 M	n.a	0900-1700	DASH 7	n.a
Bintulu	6	2745 M X 45 M	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	2745 M X 60 M	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	2745 M X 45 M	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	1371 M X 30 M	LCN 20	0000 - 0900 UTC	ATR-72	LCTR
Labuan	7	2745 M X 45 M	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	2133 M X 46 M	LCN 90	2200 - 1400 UTC	A320	ILS/LLZ,GP/DME,NDB, DVOR/DME
Tawau	6	2685 M X 45 M	PCN 69/F/C/W/T	2300 - 1400 UTC	A320	ILS/LOC, GP/DME, NDB, DVOR/ DME
Limbang	5	1500 M X 30 M	PCN15/F/C/W/T	2230 - 1030 UTC	ATR 72	DVOR /DME
Mulu	5	1500 M X 30 M	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, 2013

Table 4.3: Airstrips Facilities, Malaysia, 2013

Lapangan Terbang Airport	Panjang/ Lebar Landasan Runway Length/ Width (M)	Keupayaan Landasan Load Classification Number	Waktu Beroperasi Hours of Operation	Pendaratan Pesawat Terbesar Biggest Aircraft Landed	Sistem Perhubungan & Pemaliman Udara Radio & Air Navigational Aids
Semenanjung Malaysia / Peninsular Malaysia					
Sitiawan	n.a	n.a	n.a	n.a	n.a
Mersing	n.a	n.a	n.a	n.a	n.a
Bidor	n.a	n.a	n.a	n.a	n.a
Bakri / Muar	n.a	n.a	n.a	n.a	n.a
Segamat	n.a	n.a	n.a	n.a	n.a
Sungai Tiang	n.a	n.a	n.a	n.a	n.a
Pulau Pangkor	792 M X 30 M	PCN 12/F/C/Y/T	0100 - 0900 UTC	DASH 7	n.a
Pulau Tioman	992 M X 302 M	Tarmac	0000-0900 UTC	DASH 7	ILS/LLZ,GP/DME,L,DVOR/DME
Pulau Redang	1100 M X 302 M	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	674 M X 18 M	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
Lawas	707 M X 18 M	Bitumen sealed AUW 6,123 kgs	sunrise to sunset	DHC-6 (Twin Otter)	n.a
Belaga	427 M X 18 M	n.a	No commercial flight	DHC-6 (Twin Otter)	n.a
Kapit	427 M X 18 M	n.a	No commercial flight	DHC-6 (Twin Otter)	n.a
Bakelalan	547 M X 18 M	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
Long Lellang	800 M X 18 M	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
Long Semando	487 M X 18 M	crushed stone	No commercial flight	DHC-6 (Twin Otter)	n.a
Long Seridan	548 M X 18 M	Bitumen	0800-1700	DHC-6 (Twin Otter)	n.a
Long Banga	550 M X 18 M	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
Mukah	1097 M X 23 M	Bitumen sealed AUW 6,123 kgs	sunrise to sunset	DHC-6 (Twin Otter)	n.a
Marudi	800 M X 24 M	Bitumen sealed AUW 6,123 kgs	0030-1030 UTC	DHC-6 (Twin Otter)	n.a
Long Akah	680 M X 18 M	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, 2013 (SAMB.)

Table 4.3: Airstrips Facilities, Malaysia, 2013 (Cont'd)

Lapangan Terbang Airport	Panjang/ Lebar Landasan Runway Length/ Width (M)	Keupayaan Landasan Load Classification Number	Waktu Beroperasi Hours of Operation	Pendaratan Pesawat Terbesar Biggest Aircraft Landed	Sistem Perhubungan & Peralihan Udara Radio & Air Navigational Aids
Sabah					
Kudat	730 M X 18 M	Asphalt AUW 6123kg	sunrise to sunset	DHC-6 Twin Otter	n.a
Pamol	n.a	n.a	n.a	n.a	n.a
Semporna	609 M X 24 M	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	610 M X 23 M	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
Tomanggung	n.a	n.a	n.a	n.a	n.a
Telupid	n.a	n.a	n.a	n.a	n.a
Kelabakan	n.a	n.a	n.a	n.a	n.a
Hunter ( Morotai )	n.a	n.a	n.a	n.a	n.a
Kuala Kahaba	n.a	n.a	n.a	n.a	n.a
Kuala Medamit	n.a	n.a	n.a	n.a	n.a
Marak-Marak	n.a	n.a	n.a	n.a	n.a
Meridi	n.a	n.a	n.a	n.a	n.a
Nangoh	n.a	n.a	n.a	n.a	n.a
Paramudu	n.a	n.a	n.a	n.a	n.a
Ulu Toman	n.a	n.a	n.a	n.a	n.a
Wallace Bay	n.a	n.a	n.a	n.a	n.a

SUMBER Source: MALAYSIA AIRPORTS HOLDINGS BERHAD



#### JADUAL 4.4: JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2004-2013

Table 4.4: Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2004-2013

Lapangan Terbang Airport	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
KLIA	20,523,149	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
Pulau Pinang	2,961,139	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
Kota Kinabalu	3,776,514	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
Kuching	3,194,157	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
Langkawi	834,638	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
Johor Bharu	-	1,246,834	1,308,386	1,324,952	1,389,327	1,314,644	1,235,355	1,337,562	1,376,383	1,990,106
Kota Bharu	639,863	635,397	678,306	759,316	836,060	1,003,162	1,047,755	1,132,345	1,259,205	1,585,238
Ipoh	103,067	74,404	64,711	814	5,376	21,937	48,508	71,169	73,354	74,320
Kuala Terengganu	435,620	419,475	398,252	429,002	486,406	523,619	520,611	502,966	550,831	699,310
Alor Setar	346,502	323,669	292,549	291,006	307,564	421,314	400,997	407,717	433,644	535,073
Melaka	44,333	24,486	18,315	27,209	23,751	18,576	21,687	21,261	34,352	21,637
Subang	90,593	83,602	83,502	95,583	307,747	819,840	1,118,309	1,320,227	1,442,514	1,858,823
Kuantan	349,374	298,184	273,005	259,044	258,537	226,912	220,878	248,846	280,074	317,440
Tioman	57,957	54,054	57,559	46,260	48,767	49,057	54,056	62,010	60,141	56,054
Pangkor	10,247	11,193	9,866	8,906	8,132	7,617	2,588	547	4,068	5,791
Redang	20,750	30,650	28,928	33,738	34,957	28,246	48,610	46,159	35,922	35,982
Labuan	606,958	564,171	520,636	492,152	509,653	446,848	479,481	522,320	575,646	669,137
Lahad Datu	117,584	116,973	108,697	77,024	99,983	98,558	113,442	131,054	142,733	145,930
Sandakan	570,759	615,108	629,117	623,589	616,281	662,820	706,455	756,144	814,999	889,250
Tawau	620,837	680,897	660,331	736,646	768,967	866,601	897,848	922,452	982,108	1,202,344
Bintulu	397,299	422,660	415,422	375,228	400,707	460,217	506,000	567,519	637,158	750,994
Miri	1,433,930	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
Sibu	869,518	899,301	888,268	806,776	827,797	927,082	994,394	1,118,852	1,183,419	1,357,909
Mulu	54,656	52,914	48,825	37,393	43,652	49,255	63,122	63,477	49,619	49,432
Limbang	93,314	102,254	87,456	49,334	49,179	45,512	48,312	56,211	57,852	61,074
Stol Sabah	7,034	5,963	5,810	1,824	3,315	-	607	4,198	4,350	3,798
Stol Sarawak	162,292	167,594	147,119	127,681	138,998	144,323	160,230	166,168	153,598	143,678
Semenanjung Peninsular	<b>26,417,232</b>	<b>29,542,884</b>	<b>30,923,309</b>	<b>33,667,418</b>	<b>35,553,365</b>	<b>38,514,029</b>	<b>43,953,955</b>	<b>48,529,464</b>	<b>51,419,333</b>	<b>61,755,289</b>
Sabah	<b>5,699,686</b>	<b>5,818,388</b>	<b>5,783,849</b>	<b>6,194,278</b>	<b>6,555,238</b>	<b>6,840,707</b>	<b>7,313,607</b>	<b>8,108,283</b>	<b>8,364,444</b>	<b>9,840,151</b>
Sarawak	<b>6,205,166</b>	<b>6,400,117</b>	<b>6,208,641</b>	<b>6,012,690</b>	<b>6,163,078</b>	<b>6,761,527</b>	<b>7,096,887</b>	<b>8,063,007</b>	<b>8,247,199</b>	<b>9,420,888</b>
<b>Jumlah Total</b>	<b>38,322,084</b>	<b>41,761,389</b>	<b>42,915,799</b>	<b>45,874,386</b>	<b>48,271,681</b>	<b>52,116,263</b>	<b>58,364,449</b>	<b>64,700,754</b>	<b>68,030,976</b>	<b>81,016,328</b>

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



### JADUAL 4.5: JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2013

Table 4.5: Total Passengers Handled by Airports, Malaysia, 2013

Lapangan Terbang Airport	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	2013	2012	% +/-
KLIA	7,306,885	7,231,298	14,538,183	16,215,043	16,390,313	32,605,356	23,521,928	23,621,611	47,143,539	1,120	353,498	354,618	47,498,157	39,887,866	19.1%
Pulau Pinang	1,522,651	1,538,462	3,061,113	1,214,127	1,210,516	2,424,643	2,736,778	2,748,978	5,485,756	1,838	157	1,995	5,487,751	4,767,815	15.1%
Kota Kinabalu	2,616,306	2,619,850	5,236,156	842,034	851,502	1,693,536	3,458,340	3,471,352	6,929,692	3,533	2,572	6,105	6,935,797	5,848,135	18.6%
Kuching	2,224,067	2,218,139	4,442,206	195,686	205,249	400,935	2,419,753	2,423,388	4,843,141	22,067	5,828	27,895	4,871,036	4,186,523	16.4%
Langkawi	887,901	903,143	1,791,044	77,069	78,107	155,176	964,970	981,250	1,946,220	220	-	220	1,946,440	1,594,106	22.1%
Johor Bharu	912,858	939,346	1,852,204	70,490	67,412	137,902	1,067,558	1,066,758	1,990,106	-	-	-	1,990,106	1,376,383	44.6%
Kota Bharu	779,185	798,622	1,577,807	3,613	3,818	7,431	782,798	802,440	1,585,238	-	-	-	1,585,238	1,259,205	25.9%
Ipoh	40	136	176	36,735	37,409	74,144	36,775	37,545	74,320	-	-	-	74,320	73,354	1.3%
Kuala Terengganu	343,693	350,146	693,839	2,295	3,176	5,471	345,988	353,322	699,310	-	-	-	699,310	550,831	27.0%
Alor Setar	264,114	268,159	532,273	1,396	1,404	2,800	265,510	269,563	535,073	-	-	-	535,073	433,644	23.4%
Melaka	0	0	-	11,512	10,125	21,637	11,512	10,125	21,637	-	-	-	21,637	34,355	-37.0%
Subang	764,731	756,095	1,520,826	171,320	166,677	337,997	936,051	922,772	1,858,823	197	-	197	1,859,020	1,442,514	28.9%
Kuantan	139,166	137,440	276,606	20,336	20,498	40,834	159,502	157,938	317,440	-	-	-	317,440	280,074	13.3%
Tioman	18,836	19,272	38,108	8,645	9,301	17,946	27,481	28,573	56,054	-	-	-	56,054	60,141	-6.8%
Pangkor	2,767	3,024	5,791	0	0	-	2,767	3,024	5,791	-	-	-	5,791	4,068	42.4%
Redang	13,143	11,946	25,089	4,934	5,959	10,893	18,077	17,905	35,982	-	-	-	35,982	35,960	0.1%
Labuan	337,053	332,074	669,127	7	3	10	337,060	332,077	669,137	69,632	-	69,632	738,769	617,130	19.7%
Lahad Datu	72,684	73,246	145,930	0	0	-	72,684	73,246	145,930	-	-	-	145,930	142,733	2.2%
Sandakan	441,776	447,463	889,239	4	7	11	441,780	447,470	889,250	22,605	-	22,605	911,855	834,626	9.3%
Tawau	585,634	591,331	1,176,965	11,914	13,465	25,379	597,548	604,796	1,202,344	-	-	-	1,202,344	982,153	22.4%
Bintulu	374,050	376,944	750,994	0	0	-	374,050	376,944	750,994	28,780	-	28,780	779,774	661,553	17.9%
Miri	1,066,217	1,078,089	2,144,306	33,978	36,376	70,354	1,100,195	1,114,465	2,214,660	8,512	-	8,512	2,223,172	2,018,415	10.1%
Sibu	677,274	680,635	1,357,909	0	0	-	677,274	680,635	1,357,909	25,978	-	25,978	1,383,887	1,204,267	14.9%
Mulu	24,518	24,914	49,432	0	0	-	24,518	24,914	49,432	-	-	-	49,432	49,670	-0.5%
Limbang	30,104	30,970	61,074	0	0	-	30,104	30,970	61,074	3,596	-	3,596	64,670	57,852	11.8%
Stol Sabah	1,963	1,835	3,798	0	0	-	1,963	1,835	3,798	1,376	-	1,376	5,174	5,970	-13.3%
Stol Sarawak	68,707	74,971	143,678	0	0	-	68,707	74,971	143,678	9,353	-	9,353	153,031	162,760	-6.0%
Semenanjung Peninsular	12,955,970	12,957,089	25,913,059	17,837,515	18,004,715	35,842,230	30,793,485	30,961,804	61,755,289	3,375	353,655	357,030	62,112,319	51,800,316	19.9%
Sabah	4,055,416	4,065,799	8,121,215	853,959	864,977	1,718,936	4,909,375	4,930,776	9,840,151	97,146	2,572	99,718	9,939,869	8,430,747	17.9%
Sarawak	4,464,937	4,484,662	8,949,599	229,664	241,625	471,289	4,694,601	4,726,287	9,420,888	98,286	5,828	104,114	9,525,002	8,341,040	14.2%
<b>Jumlah Total</b>	<b>21,476,323</b>	<b>21,507,550</b>	<b>42,983,873</b>	<b>18,921,138</b>	<b>19,111,317</b>	<b>38,032,455</b>	<b>40,397,461</b>	<b>40,618,867</b>	<b>81,016,328</b>	<b>198,807</b>	<b>362,055</b>	<b>560,862</b>	<b>81,577,190</b>	<b>68,572,103</b>	<b>19.0%</b>

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, 2004-2013

Table 4.6: Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2004–2013

METRIC TONNES

Lapangan Terbang Airport	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
KLIA	651,747	653,654	672,888	644,100	649,077	584,559	674,902	669,849	673,107	680,983
Pulau Pinang	184,884	193,633	216,658	191,637	178,921	131,130	138,576	121,804	113,605	111,852
Kota Kinabalu	27,191	25,473	28,356	35,638	34,532	21,060	21,145	27,806	23,382	21,816
Kuching	24,829	27,106	28,552	23,059	18,863	20,616	26,835	24,574	15,724	21,890
Langkawi	325	449	487	524	589	572	434	646	696	598
Johor Bharu	0	7,518	4,366	5,444	5,068	5,158	6,242	5,439	3,149	3,444
Kota Bharu	235	168	210	163	181	185	177	164	147	179
Ipoh	735	437	357	10	0	0	0	0	34	403
Kuala Terengganu	124	94	70	47	24	24	50	103	147	103
Alor Setar	67	118	111	55	41	34	34	46	123	126
Melaka	495	287	141	219	179	127	144	139	195	0
Subang	18,670	46,082	71,953	63,382	18,473	18,536	19,988	19,928	22,680	26,443
Kuantan	64	75	109	103	70	70	49	38	57	86
Tioman	0	0	0	0	0	0	0	0	73	30
Pangkor	0	0	0	0	0	0	0	0	5	21
Redang	0	0	0	0	0	0	0	0	27	27
Labuan	1,785	1,914	2,533	3,177	3,781	3,783	4,128	4,835	5,812	8,067
Lahad Datu	390	334	170	0	0	0	0	42	185	200
Sandakan	4,053	4,531	5,475	6,224	3,055	2,099	2,806	2,295	2,470	2,891
Tawau	2,968	3,885	3,030	2,134	1,262	1,951	3,045	3,198	2,489	2,844
Bintulu	1,350	2,074	2,187	2,249	1,978	1,903	1,703	2,071	2,571	2,528
Miri	4,719	5,389	4,078	3,564	4,146	3,921	6,770	8,198	9,879	9,799
Sibu	1,567	1,377	1,040	892	735	1,133	1,147	1,596	1,407	1,407
Mulu	102	459	240	191	262	346	396	370	322	354
Limbang	176	289	379	440	475	530	560	498	744	742
Stol Sabah	2	1	1	0	0	0	0	0	0	0
Stol Sarawak	844	522	384	832	685	400	454	549	511	396
Semenanjung Peninsular	857,345	902,515	967,349	905,685	852,623	740,394	840,597	818,155	814,047	824,294
Sabah	36,389	36,139	39,564	47,174	42,630	28,893	31,124	38,175	34,338	35,819
Sarawak	33,588	37,217	36,860	31,226	27,145	28,572	37,850	37,407	31,347	37,116
<b>Jumlah Total</b>	<b>927,322</b>	<b>975,871</b>	<b>1,043,774</b>	<b>984,085</b>	<b>922,398</b>	<b>797,858</b>	<b>909,571</b>	<b>893,737</b>	<b>879,732</b>	<b>897,228</b>

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



### JADUAL 4.7: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2013

Table 4.7: Total Cargo Handled by Airports, Malaysia, 2013

Lapangan Terbang Airport	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	2013	2012	% +/-
KLIA	24,853,864	47,997,878	72,851,742	311,431,947	296,699,259	608,131,206	336,285,811	344,697,137	680,982,948	-	-	-	680,982,948	673,107,401	1.2%
Pulau Pinang	5,527,585	7,070,740	12,598,325	50,878,170	48,375,129	99,253,300	56,405,755	55,445,869	111,851,624	8,207,165	33,644,485	41,851,650	153,703,274	123,245,880	24.7%
Kota Kinabalu	11,407,105	8,393,179	19,800,284	553,553	1,461,997	2,015,550	11,960,858	9,855,176	21,815,834	101,572	5,006	106,578	21,922,412	23,563,295	-7.0%
Kuching	14,203,159	6,888,216	21,091,375	617,308	180,942	798,250	14,820,466	7,069,158	21,889,624	96,625	6,777	103,402	21,993,026	15,810,854	39.1%
Langkawi	517,696	41,944	559,640	37,917	-	37,917	555,613	41,944	597,557	32,397	-	32,397	629,954	753,624	-16.4%
Johor Bharu	1,474,768	1,554,167	3,028,935	145,120	269,876	414,996	1,619,888	1,824,043	3,443,931	-	-	-	3,443,931	3,149,400	9.4%
Kota Bharu	130,665	47,565	178,230	540	470	1,010	131,205	48,035	179,240	-	-	-	179,240	147,176	21.8%
Ipoh	-	140	140	198,046	205,110	403,156	198,046	205,250	403,296	-	-	-	403,296	33,850	1091.4%
Kuala Terengganu	47,965	54,992	102,957	-	-	-	47,965	54,992	102,957	-	-	-	102,957	146,531	-29.7%
Alor Setar	39,526	86,652	126,178	-	-	-	39,526	86,652	126,178	-	-	-	126,178	123,330	2.3%
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	195,377	-
Subang	4,236,616	7,620,990	11,857,605	6,562,019	8,023,634	14,585,653	10,798,635	15,644,624	26,443,258	-	-	-	26,443,258	22,680,444	16.6%
Kuantan	47,139	13,997	61,136	9,280	15,210	24,490	56,419	29,207	85,626	-	-	-	85,626	56,614	51.2%
Tioman	29,754	-	29,754	-	-	-	29,754	-	29,754	-	-	-	29,754	72,974	-59.2%
Pangkor	8,709	11,908	20,617	-	-	-	8,709	11,908	20,617	-	-	-	20,617	5,251	292.6%
Redang	25,149	1,041	26,190	-	382	382	25,149	1,423	26,572	-	-	-	26,572	27,411	-3.1%
Labuan	3,117,894	1,844,266	4,962,160	2,824,388	280,612	3,105,000	5,942,282	2,124,878	8,067,160	937,619	324,220	1,261,839	9,328,999	6,071,622	53.6%
Lahad Datu	177,112	23,216	200,328	-	-	-	177,112	23,216	200,328	-	-	-	200,328	184,595	8.5%
Sandakan	708,377	2,182,771	2,891,148	-	-	-	708,377	2,182,771	2,891,148	3,031	-	3,031	2,894,179	2,478,975	16.7%
Tawau	912,555	1,931,417	2,843,972	93	80	173	912,648	1,931,497	2,844,145	-	-	-	2,844,145	2,488,989	14.3%
Bintulu	1,568,911	959,365	2,528,276	-	-	-	1,568,911	959,365	2,528,276	24,328	-	24,328	2,552,604	2,574,046	-0.8%
Miri	7,435,362	2,275,666	9,711,028	81,284	6,777	88,061	7,516,646	2,282,443	9,799,089	998	-	998	9,800,807	9,879,090	-0.8%
Sibu	1,168,781	237,988	1,406,769	-	-	-	1,168,781	237,988	1,406,769	6,372	-	6,372	1,413,141	1,611,675	-12.3%
Mulu	353,993	483	354,476	-	-	-	353,993	483	354,476	-	-	-	354,476	321,699	10.2%
Limbang	385,233	356,369	741,602	-	-	-	385,233	356,369	741,602	-	-	-	741,602	744,141	-0.3%
Stol Sabah	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Stol Sarawak	249,341	147,001	396,342	-	-	-	249,341	147,001	396,342	155,648	-	155,648	551,990	630,466	-12.4%
Semenanjung Peninsular	36,939,436	64,502,014	101,441,449	369,263,039	353,589,070	722,852,109	406,202,475	418,091,083	824,293,558	8,239,562	33,644,485	41,884,047	866,177,605	823,745,262	5.2%
Sabah	16,323,043	14,374,849	30,697,892	3,378,034	1,742,689	5,120,723	19,701,077	16,117,538	35,818,615	1,042,222	329,226	1,371,448	37,190,063	34,787,479	6.9%
Sarawak	25,364,779	10,865,089	36,229,868	698,592	187,719	886,311	1,052,808	37,116,178	283,971	6,777	290,748	37,406,926	31,571,972	18.5%	
<b>Jumlah Total</b>	<b>78,627,258</b>	<b>89,741,951</b>	<b>168,369,209</b>	<b>373,339,665</b>	<b>355,519,478</b>	<b>728,859,143</b>	<b>451,966,923</b>	<b>445,261,429</b>	<b>897,228,352</b>	<b>9,565,755</b>	<b>33,980,488</b>	<b>43,546,243</b>	<b>940,774,595</b>	<b>890,104,713</b>	<b>5.7%</b>

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, 2004-2013**

*Table 4.8: Total Mail Handled by Airports (Excluding Mel in Transit), Malaysia, 2004-2013*

METRIC TONNES

Lapangan Terbang Airport	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
KLIA	3,621	2,999	4,558	8,794	18,418	17,061	19,394	25,463	29,119	32,271
Pulau Pinang	1,563	9	2	1	0.397	7	4	12	1	3
Kota Kinabalu	5,940	5,032	3,787	4,044	3,149	1,601	1,486	1,681	2,246	1,751
Kuching	3,602	3,740	2,932	1,996	998	794	642	479	496	727
Langkawi	44	46	58	58	83	73	90	131	222	254
Kota Bharu	384	226	171	175	236	322	322	330	214	244
Ipoh	-	-	-	-	-	-	-	-	-	-
Kuala Terengganu	174	132	10	4	8	5	12	16	48	38
Alor Setar	-	0.004	-	-	2	55	47	58	185	224
Melaka	-	-	-	-	-	-	-	-	-	-
Subang	8,003	7,006	1,656	-	-	-	-	-	-	7
Kuantan	12	2	-	0.026	0.001	-	2	1	-	-
Tioman	-	-	-	-	-	-	-	-	1	-
Pangkor	-	-	-	-	-	-	-	-	-	-
Labuan	276	257	291	334	399	360	378	412	476	507
Lahad Datu	165	154	212	157	193	212	207	213	275	165
Sandakan	202	52	90	9	233	254	476	459	418	287
Tawau	431	264	102	27	281	242	439	457	497	471
Bintulu	149	130	238	83	339	382	264	218	41	53
Miri	1,254	1,622	1,428	1,806	1,665	2,171	1,564	1,608	1,903	2,124
Sibu	807	1,040	680	59	-	849	287	371	226	611
Mulu	-	-	-	-	-	-	-	-	-	-
Limbang	-	55	81	-	84	46	28	25	38	37
Stol Sabah	0.011	0.047	0.06	-	-	-	-	-	-	-
Stol Sarawak	32	35	25	6	10	7	13	15	7	13
Semenanjung Peninsular	<b>13,801</b>	<b>10,421</b>	<b>6,455</b>	<b>9,033</b>	<b>18,747</b>	<b>17,523</b>	<b>19,870</b>	<b>26,011</b>	<b>29,790</b>	<b>33,040</b>
Sabah	<b>7,013</b>	<b>5,759</b>	<b>4,481</b>	<b>4,572</b>	<b>4,254</b>	<b>2,669</b>	<b>2,987</b>	<b>3,222</b>	<b>3,911</b>	<b>3,181</b>
Sarawak	<b>5,844</b>	<b>6,622</b>	<b>5,384</b>	<b>3,949</b>	<b>3,096</b>	<b>4,248</b>	<b>2,798</b>	<b>2,716</b>	<b>2,711</b>	<b>3,565</b>
<b>Jumlah Total</b>	<b>26,658</b>	<b>22,802</b>	<b>16,319</b>	<b>17,554</b>	<b>26,097</b>	<b>24,440</b>	<b>25,655</b>	<b>31,949</b>	<b>36,412</b>	<b>39,786</b>

SUMBER Source: MALAYSIA AIRPORTS HOLDINGS BERHAD



### JADUAL 4.9: JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2013

Table 4.9: Total Mail Handled by Airports, Malaysia, 2013

Lapangan Terbang Airport	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	2013	2012	% +/-
KLIA	627,881	881,852	1,509,733	14,954,132	15,807,531	30,761,663	15,582,013	16,689,383	32,271,396	-	-	-	32,271,396	29,119,167	10.8%
Pulau Pinang	362	2,360	2,722	121	67	188	483	2,427	2,910	434	-	434	3,344	1,589	110.4%
Kota Kinabalu	431,469	933,037	1,364,506	271,516	114,903	386,419	702,985	1,047,940	1,750,925	-	-	-	1,750,925	2,246,076	-22.0%
Kuching	99,012	628,137	727,149	-	-	-	99,012	628,137	727,149	-	-	-	727,149	497,034	46.3%
Langkawi	180,361	73,362	253,723	-	-	-	180,361	73,362	253,723	9,063	-	9,063	262,786	227,176	15.7%
Kota Bharu	146,370	97,167	243,537	-	-	-	146,370	97,167	243,537	-	-	-	243,537	213,631	14.0%
Ipoh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kuala Terengganu	37,187	581	37,768	-	-	-	37,187	581	37,768	-	-	-	37,768	48,264	-21.7%
Alor Setar	-	223,931	223,931	-	-	-	-	223,931	223,931	-	-	-	223,931	184,780	21.2%
Melaka	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subang	6,304	198	6,502	-	-	-	6,304	198	6,502	-	-	-	6,502	-	-
Kuantan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tioman	-	-	-	-	-	-	-	-	-	-	-	-	-	860	-
Pangkor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Labuan	419,087	88,284	507,371	-	-	-	419,087	88,284	507,371	3,901	-	3,901	511,272	496,146	3.0%
Lahad Datu	136,548	28,595	165,143	-	-	-	136,548	28,595	165,143	-	-	-	165,143	274,826	-39.9%
Sandakan	241,469	45,543	287,012	-	-	-	241,469	45,543	287,012	14,245	-	14,245	301,257	440,349	-31.6%
Tawau	333,216	137,623	470,839	-	-	-	333,216	137,623	470,839	-	-	-	470,839	496,676	-5.2%
Bintulu	45,980	6,689	52,669	-	-	-	45,980	6,689	52,669	-	-	-	52,669	40,957	28.6%
Miri	1,624,003	500,264	2,124,267	-	-	-	1,624,003	500,264	2,124,267	-	-	-	2,124,267	1,902,784	11.6%
Sibu	524,508	86,710	611,218	-	-	-	524,508	86,710	611,218	268	-	268	611,486	236,841	158.2%
Mulu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Limbang	4,883	31,638	36,521	-	-	-	4,883	31,638	36,521	-	-	-	36,521	38,117	-4.2%
Stol Sabah	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stol Sarawak	10,331	2,893	13,224	-	-	-	10,331	2,893	13,224	-	-	-	13,224	6,736	96.3%
Semenanjung Peninsular	998,465	1,279,451	2,277,916	14,954,253	15,807,598	30,761,851	15,952,718	17,087,049	33,039,767	9,497	-	9,497	33,049,264	29,795,467	10.9%
Sabah	1,561,789	1,233,082	2,794,871	271,516	114,903	386,419	1,833,305	1,347,985	3,181,290	18,146	-	18,146	3,199,436	3,954,073	-19.1%
Sarawak	2,308,717	1,256,331	3,565,048	-	-	-	2,308,717	1,256,331	3,565,048	268	-	268	3,565,316	2,722,469	31.0%
<b>Jumlah Total</b>	<b>4,868,971</b>	<b>3,768,864</b>	<b>8,637,835</b>	<b>15,225,769</b>	<b>15,922,501</b>	<b>31,148,270</b>	<b>20,094,740</b>	<b>19,691,365</b>	<b>39,786,105</b>	<b>27,911</b>	<b>-</b>	<b>27,911</b>	<b>39,814,016</b>	<b>36,472,009</b>	<b>9.2%</b>

SUMBER Source: MALAYSIA AIRPORTS HOLDINGS BERHAD





### JADUAL 4.10: JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2004-2013

Table 4.10: Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2004-2013

Lapangan Terbang Airport	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
KLIA	164,483	181,341	182,548	192,304	209,681	225,251	244,179	268,265	282,290	325,537
Pulau Pinang	29,182	31,173	31,448	34,508	38,335	38,343	44,753	50,610	49,966	56,760
Kota Kinabalu	50,313	49,680	50,594	49,881	52,463	52,677	55,089	59,638	58,366	67,601
Kuching	41,353	39,430	37,167	34,192	36,087	41,437	42,940	49,613	43,981	53,095
Langkawi	7,352	8,021	8,287	10,828	12,242	12,638	13,274	14,510	15,162	17,675
Johor Bharu	-	-	-	-	-	13,552	11,934	12,626	12,501	37,998
Kota Bharu	8,888	8,765	10,368	13,074	14,083	13,709	13,180	15,304	17,112	20,527
Ipoh	1,402	1,145	954	12	183	384	844	1,536	1,515	1,464
Kuala Terengganu	4,776	4,623	3,792	4,533	6,038	6,006	5,959	6,006	6,506	7,365
Alor Setar	3,568	3,267	2,820	2,668	2,934	4,578	4,513	4,841	5,274	5,795
Melaka	2,135	1,328	596	714	700	616	584	466	1,053	580
Subang	6,981	8,988	9,158	7,234	11,448	19,897	24,509	30,779	33,224	41,707
Kuantan	3,748	3,500	2,748	3,253	3,334	2,947	2,628	3,178	3,395	3,289
Tioman	1,885	1,668	1,836	1,597	1,603	1,591	1,662	1,766	1,682	1,538
Pangkor	534	530	514	517	503	502	174	32	324	258
Redang	741	1,110	934	1,053	1,083	862	1,356	1,319	877	955
Labuan	10,450	9,292	9,332	10,127	11,212	10,868	11,988	12,645	13,448	15,072
Lahad Datu	2,948	3,010	3,203	2,195	2,922	2,860	2,941	3,058	3,321	
Sandakan	10,184	10,876	10,034	7,719	8,991	10,214	12,095	10,757	12,177	11,536
Tawau	8,019	8,531	8,005	6,863	7,334	8,885	9,723	9,328	9,689	11,784
Bintulu	13,240	13,146	11,388	6,542	8,933	10,948	10,994	11,270	11,444	12,428
Miri	42,306	40,302	39,462	33,022	35,178	38,836	39,509	40,931	42,351	44,875
Sibu	17,162	16,683	15,092	11,765	14,307	16,275	17,899	18,211	15,923	17,196
Mulu	3,066	2,620	2,220	1,638	1,642	1,570	1,726	1,912	1,760	2,306
Limbang	5,625	5,490	4,242	2,300	1,860	1,697	1,947	1,896	1,880	2,075
Stol Sabah	812	814	800	338	459	-	167	264	192	231
Stol Sarawak	13,816	14,322	14,718	12,457	12,716	12,140	13,538	14,118	13,534	12,886
Semenanjung Peninsular	<b>235,675</b>	<b>255,459</b>	<b>256,003</b>	<b>272,295</b>	<b>302,167</b>	<b>340,876</b>	<b>369,549</b>	<b>411,238</b>	<b>430,881</b>	<b>521,448</b>
Sabah	<b>82,726</b>	<b>82,203</b>	<b>81,968</b>	<b>77,123</b>	<b>83,381</b>	<b>85,566</b>	<b>91,922</b>	<b>95,573</b>	<b>96,930</b>	<b>109,545</b>
Sarawak	<b>136,568</b>	<b>131,993</b>	<b>124,289</b>	<b>101,916</b>	<b>110,723</b>	<b>122,903</b>	<b>128,553</b>	<b>137,951</b>	<b>130,873</b>	<b>144,861</b>
Jumlah Total	<b>454,969</b>	<b>469,655</b>	<b>462,260</b>	<b>451,334</b>	<b>496,271</b>	<b>549,345</b>	<b>590,024</b>	<b>644,762</b>	<b>658,684</b>	<b>775,854</b>

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, 2013

Table 4.11: Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2013

Lapangan Terbang Airport	Dalam Negeri Domestic			Antarabangsa International			Jumlah Total			Perbandingan Tahun Ke Tahun Year on Year Comparison		
	Berjadual Scheduled	Tidak Berjadual Non Scheduled	Jumlah Total	Berjadual Scheduled	Tidak Berjadual Non Scheduled	Jumlah Total	Berjadual Scheduled	Tidak Berjadual Non Scheduled	Jumlah Total	2013	2012	% +/-
KLIA	113,446	1,274	114,720	208,608	2,209	210,817	322,054	3,483	325,537	325,537	282,290	15.3%
Pulau Pinang	31,433	1	31,434	25,325	1	25,326	56,758	2	56,760	56,760	49,966	13.6%
Kota Kinabalu	50,572	2,596	53,168	14,403	30	14,433	64,975	2,626	67,601	67,601	58,366	15.8%
Kuching	41,552	5,896	47,448	5,316	331	5,647	46,868	6,227	53,095	53,095	43,981	20.7%
Langkawi	16,362	-	16,362	1,313	-	1,313	17,675	-	17,675	17,675	15,162	16.6%
Johor Bharu	17,576	18,094	35,670	1,144	1,184	2,328	18,720	19,278	37,998	37,998	12,501	204.0%
Kota Bharu	16,889	3,420	20,309	218	-	218	17,107	3,420	20,527	20,527	17,112	20.0%
Ipoh	7	-	7	1,457	-	1,457	1,464	-	1,464	1,464	1,515	-3.4%
Kuala Terengganu	7,335	-	7,335	-	30	30	7,335	30	7,365	7,365	6,506	13.2%
Alor Setar	5,775	-	5,775	-	20	20	5,775	20	5,795	5,795	5,274	9.9%
Melaka	-	-	-	580	-	580	580	-	580	580	1,053	-44.9%
Subang	33,662	-	33,662	8,045	-	8,045	41,707	-	41,707	41,707	33,224	25.5%
Kuantan	2,507	-	2,507	728	54	782	3,235	54	3,289	3,289	3,395	-3.1%
Tioman	985	-	985	553	-	553	1,538	-	1,538	1,538	1,682	-8.6%
Pangkor	258	-	258	-	-	-	258	-	258	258	324	-20.4%
Redang	575	-	575	380	-	380	955	-	955	955	877	8.9%
Labuan	10,837	3,995	14,832	237	3	240	11,074	3,998	15,072	15,072	13,448	12.1%
Lahad Datu	3,294	27	3,321	-	-	-	3,294	27	3,321	3,321	3,058	8.6%
Sandakan	10,412	1,065	11,477	-	59	59	10,412	1,124	11,536	11,536	12,177	-5.3%
Tawau	10,975	75	11,050	726	8	734	11,701	83	11,784	11,784	9,689	21.6%
Bintulu	11,018	1,367	12,385	-	43	43	11,018	1,410	12,428	12,428	11,444	8.6%
Miri	32,154	11,548	43,702	1,173	-	1,173	33,327	11,548	44,875	44,875	42,351	6.0%
Sibu	17,195	-	17,195	-	1	1	17,195	1	17,196	17,196	15,923	8.0%
Mulu	2,306	-	2,306	-	-	-	2,306	-	2,306	2,306	1,760	31.0%
Limbang	2,075	-	2,075	-	-	-	2,075	-	2,075	2,075	1,880	10.4%
Stol Sabah	231	-	231	-	-	-	231	-	231	231	192	20.3%
Stol Sarawak	12,886	-	12,886	-	-	-	12,886	-	12,886	12,886	13,534	-4.8%
Semenanjung Peninsular	<b>246,810</b>	<b>22,789</b>	<b>269,599</b>	<b>248,351</b>	<b>3,498</b>	<b>251,849</b>	<b>495,161</b>	<b>26,287</b>	<b>521,448</b>	<b>521,448</b>	<b>430,881</b>	<b>21.0%</b>
Sabah	<b>86,321</b>	<b>7,758</b>	<b>94,079</b>	<b>15,366</b>	<b>100</b>	<b>15,466</b>	<b>101,687</b>	<b>7,858</b>	<b>109,545</b>	<b>109,545</b>	<b>96,930</b>	<b>13.0%</b>
Sarawak	<b>119,186</b>	<b>18,811</b>	<b>137,997</b>	<b>6,489</b>	<b>375</b>	<b>6,864</b>	<b>125,675</b>	<b>19,186</b>	<b>144,861</b>	<b>144,861</b>	<b>130,873</b>	<b>10.7%</b>
<b>Jumlah Total</b>	<b>452,317</b>	<b>49,358</b>	<b>501,675</b>	<b>270,206</b>	<b>3,973</b>	<b>274,179</b>	<b>722,523</b>	<b>53,331</b>	<b>775,854</b>	<b>775,854</b>	<b>658,684</b>	<b>17.8%</b>

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), 2013

Table 4.12: Traffic Movements Between Malaysian Airports (Including Singapore), 2013

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	203,590	209,660	413,250	160,139	274,254	434,393	-	223,522	223,522
Kuala Lumpur	-	Ipoh	-	-	-	-	-	-	-	-	-
Kuala Lumpur	-	Johor Bharu	292,753	314,811	607,564	907,857	622,907	1,530,764	3	-	3
Kuala Lumpur	-	Kota Bharu	578,283	582,928	1,161,211	352,649	103,110	455,759	37,260	-	37,260
Kuala Lumpur	-	Kota Kinabalu	1,371,333	1,377,933	2,749,266	14,000,704	6,203,530	20,204,234	55,534	272,805	328,339
Kuala Lumpur	-	Terengganu	270,045	272,869	542,914	225,257	54,050	279,307	37,187	498	37,685
Kuala Lumpur	-	Kuantan	131,835	129,876	261,711	46,698	3,433	50,131	65	1	66
Kuala Lumpur	-	Kuching	1,174,319	1,164,980	2,339,299	15,714,221	4,462,466	20,176,687	7,074	557	7,631
Kuala Lumpur	-	Labuan	175,029	173,847	348,876	2,814,438	597,615	3,412,053	385,185	55,669	440,854
Kuala Lumpur	-	Langkawi	759,030	769,392	1,528,422	554,018	32,764	586,782	180,361	73,399	253,760
Kuala Lumpur	-	Miri	391,889	392,446	784,335	3,781,116	619,235	4,400,351	1,882	-	1,882
Kuala Lumpur	-	Pulau Pinang	886,060	907,330	1,793,390	3,666,782	7,387,313	11,054,095	355	24	379
Kuala Lumpur	-	Singapura	1,697,205	1,740,576	3,437,781	10,570,000	10,689,007	21,259,007	233,029	804,125	1,037,154
Kuala Lumpur	-	Sibu	300,070	301,394	601,464	1,629,323	278,354	1,907,677	62,289	1,404	63,693
Kuala Lumpur	-	Tawau	297,520	303,879	601,399	1,730,554	2,737,478	4,468,032	75,067	-	75,067
Pulau Pinang	-	Langkawi	69,928	72,317	142,245	-	-	-	-	-	-
Pulau Pinang	-	Singapura	479,091	475,275	954,366	1,472,080	8,829,268	10,301,348	-	-	-
Kota Kinabalu	-	Johor Bharu	140,557	139,980	280,537	95	1	96	-	-	-
Kota Kinabalu	-	Tawau	268,264	267,244	535,508	309,792	1,128,018	1,437,810	255,388	131,338	386,726
Kota Kinabalu	-	Labuan	73,746	74,956	148,702	469,963	306,429	776,392	33,577	32,802	66,379
Kota Kinabalu	-	Lahad Datu	72,867	73,341	146,208	177,469	23,636	201,105	137,061	28,632	165,693
Kota Kinabalu	-	Miri	119,287	118,115	237,402	777,549	3,033,649	3,811,198	1	-	1
Kota Kinabalu	-	Sibu	36,485	34,961	71,446	97,743	2,803	100,546	18	-	18
Kota Kinabalu	-	Kuching	199,347	203,220	402,567	2,236,156	238,915	2,475,071	4	131,494	131,498
Kota Kinabalu	-	Singapura	99,629	93,849	193,478	85,882	89,960	175,842	-	-	-
Kuching	-	Johor Bharu	142,468	142,846	285,314	-	-	-	-	-	-
Kuching	-	Pulau Pinang	74,243	72,354	146,597	-	-	-	-	-	-
Kuching	-	Singapura	172,109	163,544	335,653	168,404	521,533	689,937	-	-	-
Bintulu	-	Miri	19,228	19,401	38,629	1,542	5,682	7,224	75	309	384
Miri	-	Labuan	73,468	68,996	142,464	32,444	29,836	62,280	-	343	343
Miri	-	Sibu	52,265	53,761	106,026	4,882	7,936	12,818	238	3	241
Sandakan	-	Tawau	17,112	16,269	33,381	3,147	7,923	11,070	78	2,662	2,740
Langkawi	-	Singapura	73,123	71,802	144,925	-	37,917	37,917	-	-	-
Miri	-	Johor Bharu	45,639	45,186	90,825	-	-	-	-	-	-

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



### JADUAL 4.13: PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2013

Table 4.13: Traffic Movements for Rural Air Services, Sabah and Sarawak, 2013

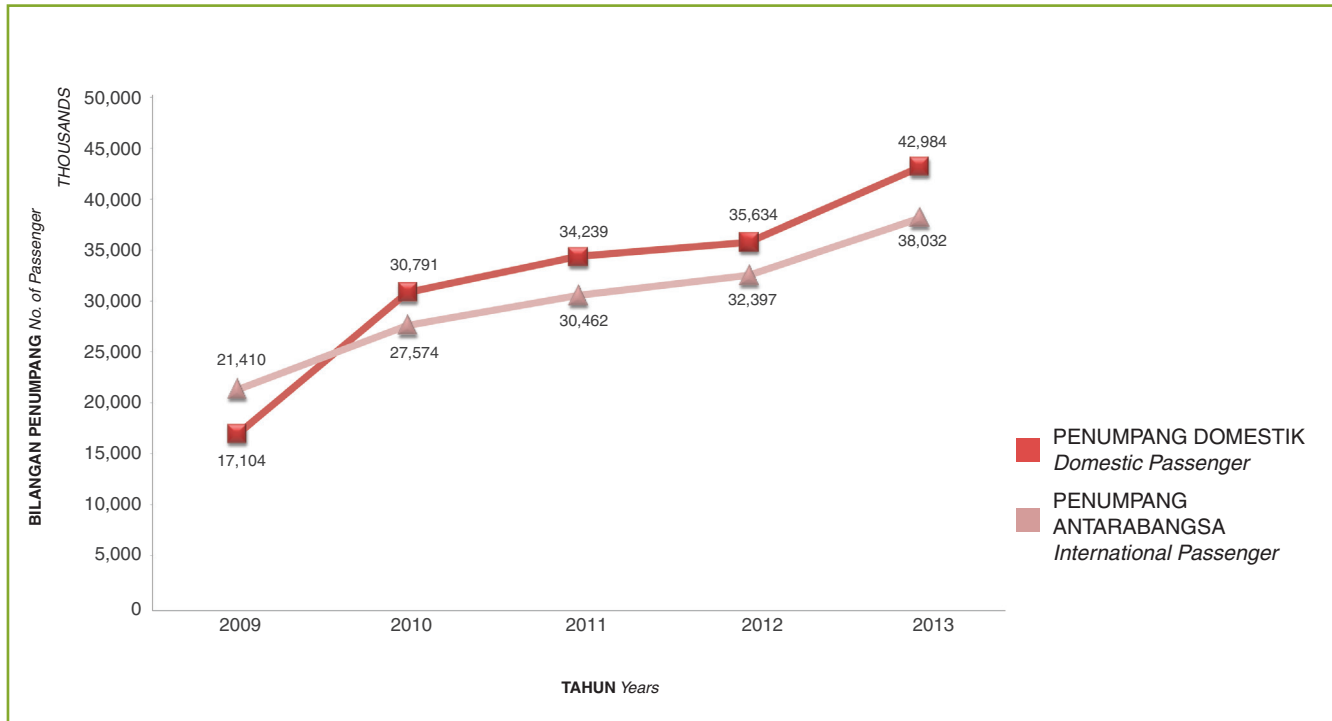
Sektor Sector			Penumpang Passenger			Kargo (KG) Cargo (KG)			Mel (KG) Mail (KG)		
A	-	B	(A-B)	(B-A)	Jumlah Total	(A-B)	(B-A)	Jumlah Total	(A-B)	(B-A)	Jumlah Total
<b>Sabah</b>											
Bario	-	Marudi	-	-	-	-	-	-	-	-	-
Belaga	-	Bintulu	-	-	-	-	-	-	-	-	-
Bintulu	-	Mukah	-	-	-	-	-	-	-	-	-
Kota Kinabalu	-	Kudat	184	128	312	205	218	423	4	-	4
Kota Kinabalu	-	Sandakan	220,624	220,869	441,493	263,188	1,504,139	1,767,327	230,313	44,074	274,387
Kota Kinabalu	-	Bintulu	22,928	25,124	48,052	28,281	18,610	46,891	-	-	-
Kudat	-	Sandakan	566	467	1,033	-	-	-	-	-	-
Lawas	-	Kota Kinabalu	64	6	70	-	-	-	-	-	-
Limbang	-	Kota Kinabalu	-	-	-	-	-	-	-	-	-
Miri	-	Bario	7,574	7,874	15,448	5,280	-	5,280	9	-	9
Sandakan	-	Tomanggong	-	-	-	-	-	-	-	-	-
Sandakan	-	Tawau	17,112	16,269	33,381	3,147	7,923	11,070	78	2,662	2,740
<b>Jumlah Total</b>			<b>269,052</b>	<b>270,737</b>	<b>539,789</b>	<b>300,101</b>	<b>1,530,890</b>	<b>1,830,991</b>	<b>230,404</b>	<b>46,736</b>	<b>277,140</b>
<b>Sarawak</b>											
Kuching	-	Bintulu	125,028	123,035	248,063	39,999	-	39,999	5,417	427	5,844
Kuching	-	Labuan	-	-	-	23,801	15,547	39,348	-	-	-
Kuching	-	Miri	250,367	254,744	505,111	869,689	269,485	1,139,174	28,829	30	28,859
Kuching	-	Sibu	230,304	233,064	463,368	688,744	90,731	779,475	461,809	87,672	549,481
Kuching	-	Mukah	11,499	13,211	24,710	3,255	706	3,961	-	8	8
Lawas	-	Miri	17,919	17,681	35,600	-	21,253	21,253	-	-	-
Limbang	-	Miri	30,970	30,104	61,074	356,369	385,233	741,602	31,789	4,882	36,671
Limbang	-	Lawas	-	-	-	-	-	-	-	-	-
Marudi	-	Miri	8,105	7,209	15,314	-	1,692	1,692	-	2,610	2,610
Miri	-	Mulu	17,815	16,688	34,503	176,073	154	176,227	-	-	-
Miri	-	Sibu	52,265	53,761	106,026	4,882	7,936	12,818	238	3	241
Mukah	-	Miri	4,234	3,783	8,017	89	40	129	-	-	-
Mukah	-	Sibu	-	-	-	-	-	-	-	-	-
Sibu	-	Bintulu	10,524	10,396	20,920	1,043	532	1,575	135	178	313
<b>Jumlah Total</b>			<b>759,030</b>	<b>763,676</b>	<b>1,522,706</b>	<b>2,163,943</b>	<b>793,309</b>	<b>2,957,252</b>	<b>528,217</b>	<b>95,810</b>	<b>624,027</b>

SUMBER Source: MALAYSIA AIRPORTS HOLDINGS BERHAD



**CARTA 4.1: JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2009-2013**

Chart 4.1: Total Number of Domestic and International Passengers Handled by Airports, Malaysia, 2009-2013

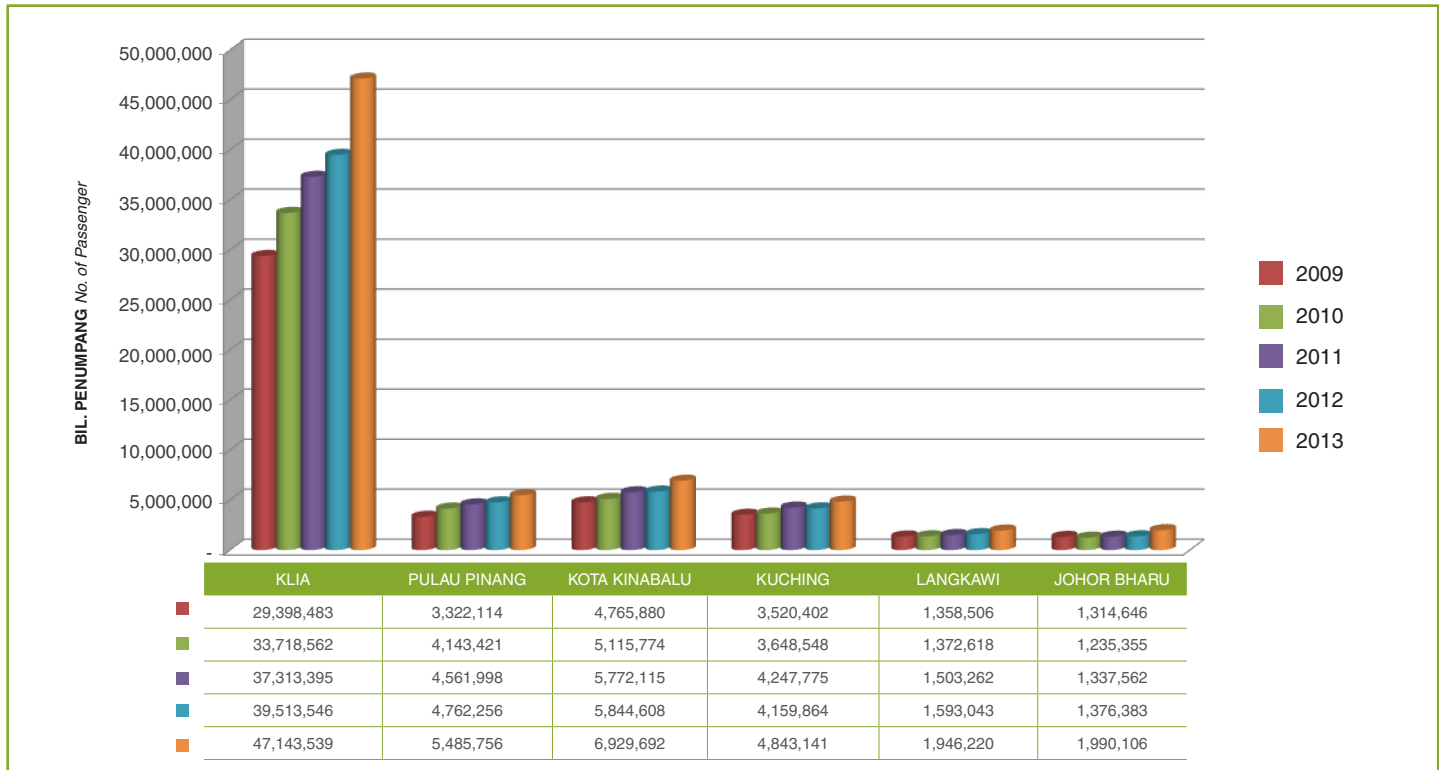


SUMBER Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN.BHD



### CARTA 4.2: JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2009-2013

Chart 4.2: Total Passengers Handled by International Airports, Malaysia, 2009-2013

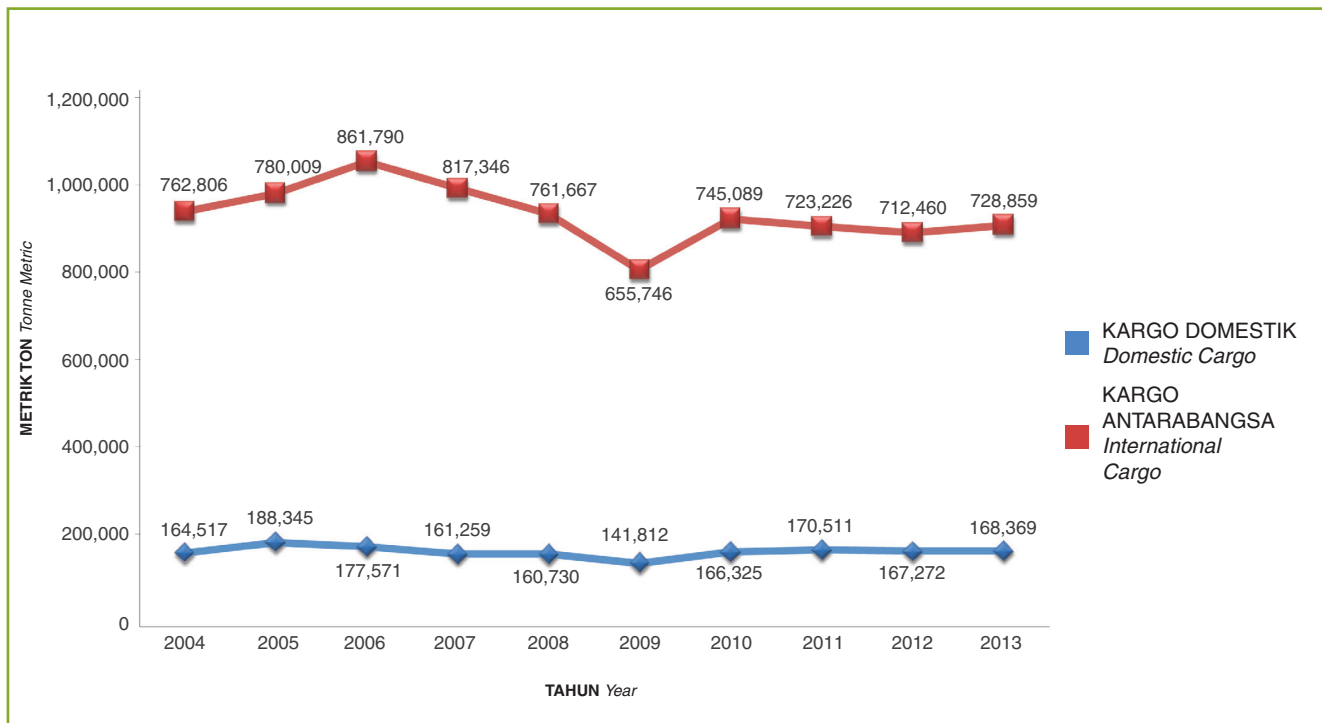


SUMBER Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN.BHD



**CARTA 4.3: JUMLAH KARGO DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2004-2013**

Chart 4.3: Total Number of Domestic and International Cargo Handled by Airports, Malaysia, 2004-2013

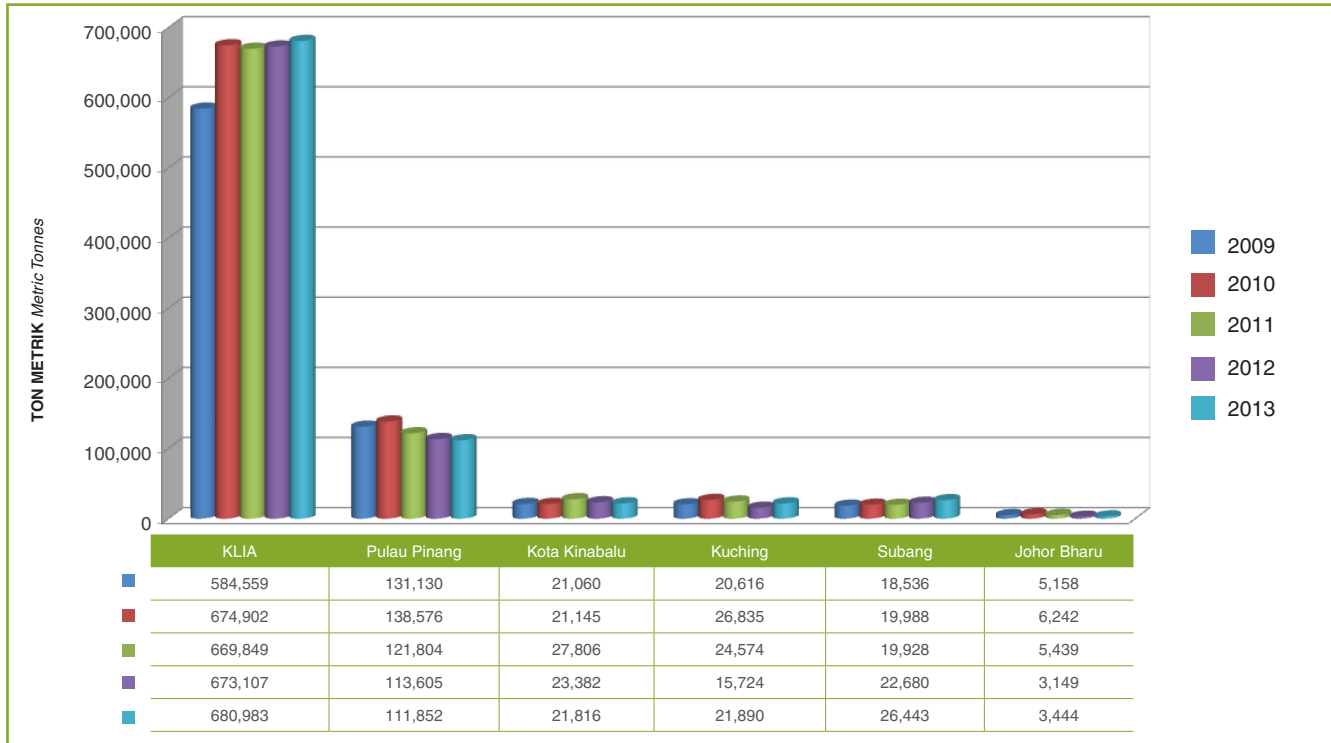


SUMBER Source : MALAYSIA AIRPORTS HOLDINGS BERHAD, SENAI AIRPORT TERMINAL SERVICES SDN.BHD



#### CARTA 4.4: JUMLAH KARGO YANG DIKENDALIKAN DI LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2009-2013

Chart 4.2: Total Cargo Handled by International Airports, Malaysia, 2009-2013



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









