



STATISTIK PENGANGKUTAN MALAYSIA — 2009





KANDUNGAN **CONTENTS**

PRAKATA	<i>Preface</i>	10
PENGHARGAAN	<i>Acknowledgement</i>	11
GLOSARI AKRONIM	<i>Acronym Glossary</i>	12
PETA	<i>Maps</i>	13
• RANGKAIAN PENGANGKUTAN REL SEMENANJUNG MALAYSIA <i>Rail Transport Network of Peninsular Malaysia</i>		14
• RANGKAIAN PENGANGKUTAN REL SABAH <i>Rail Transport Network of Sabah</i>		15
• LOKASI PELABUHAN-PELABUHAN PERSEKUTUAN SEMENANJUNG MALAYSIA <i>Federal Ports Location in Peninsular Malaysia</i>		16
• LOKASI PELABUHAN-PELABUHAN NEGERI DAN PELABUHAN PERSEKUTUAN, SABAH <i>State and Federal Ports Location in Sabah</i>		17
• LOKASI PELABUHAN-PELABUHAN NEGERI DAN PELABUHAN PERSEKUTUAN, SARAWAK <i>State and Federal Ports Location in Sarawak</i>		18
• LOKASI LAPANGAN TERBANG SEMENANJUNG MALAYSIA <i>Airport Location in Peninsular Malaysia</i>		19
• LOKASI LAPANGAN TERBANG SABAH <i>Airport Location in Sabah</i>		20
• LOKASI LAPANGAN TERBANG SARAWAK <i>Airport Location in Sarawak</i>		21



PENGANGKUTAN DARAT *Land Transport*

23

JADUAL/ Table

• 1.1	PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2009	24
1.1	<i>New Registered Motor Vehicles by Type and State, Malaysia, 2009</i>	
• 1.2	JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT JENIS DAN NEGERI, MALAYSIA, 2009	27
1.2	<i>Total Motor Vehicles by Type and State, Malaysia, 2009</i>	
• 1.3	BILANGAN LESEN YANG DIKELUARKAN OLEH LEMBAGA PERLESENAN KENDERAAN PERDAGANGAN (LPKP) MENGIKUT KELAS LESEN, 2000 - 2009	30
1.3	<i>Number of Licenses Issued by Commercial Vehicle Licensing Board (CVLB) by Class of Licenses, Peninsular Malaysia, 2000 – 2009</i>	
• 1.4	PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2000 - 2009	31
1.4	<i>Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2000 – 2009</i>	
• 1.5	PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2000 - 2009	34
1.5	<i>Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2000 – 2009</i>	
• 1.6	KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 15 STESEN TERPILIH, MALAYSIA, 2009	35
1.6	<i>Traffic Composition (%) by Type of Vehicle at 15 Selected Stations, Malaysia, 2009</i>	
• 1.7	JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2000 - 2009	36
1.7	<i>Total Road Accidents by State, Malaysia, 2000 – 2009</i>	
• 1.8	JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 2000 - 2009	39
1.8	<i>Total Motor Vehicles Involved In Road Accidents by Type of Vehicle, Malaysia, 2000 – 2009</i>	
• 1.9	JUMLAH KEMATIAN MENGIKUT BULAN DAN NEGERI, MALAYSIA, 2009	41
1.9	<i>Total Fatalities by Month and State, Malaysia, 2009</i>	



• 1.10 JUMLAH KEMALANGAN JALAN RAYA, MALAYSIA, 2000 – 2009. 1.10 <i>Total Road Accidents, Malaysia, 2000 - 2009</i>	43
CARTA/ Charts	
• 1.1 PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT JENIS KENDERAAN, MALAYSIA, 2009 1.1 <i>New Registered Motor Vehicles by Type, Malaysia, 2009</i>	25
• 1.2 PENDAFTARAN BARU KENDERAAN BERMOTOR MENGIKUT NEGERI, MALAYSIA, 2009 1.2 <i>New Registered Motor Vehicles by State, Malaysia, 2009</i>	26
• 1.3 JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT JENIS KENDERAAN, MALAYSIA, 2009 1.3 <i>Total Motor Vehicles by Type, Malaysia, 2009</i>	28
• 1.4 JUMLAH TERKUMPUL KENDERAAN BERMOTOR MENGIKUT NEGERI, MALAYSIA, 2009 1.4 <i>Total Motor Vehicles by State, Malaysia, 2009</i>	29
• 1.5 JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2009 1.5 <i>Total Road Accidents by State, Malaysia, 2009</i>	37
• 1.6 JUMLAH KEMALANGAN JALAN RAYA, MALAYSIA, 2000 - 2009 1.6 <i>Total Road Accidents, Malaysia, 2000 - 2009</i>	38
• 1.7 JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA, MALAYSIA, 2000 – 2009 1.7 <i>Total Motor Vehicles Involved In Road Accidents, 2000 - 2009</i>	40
• 1.8 JUMLAH KEMATIAN MENGIKUT NEGERI, MALAYSIA, 2009 1.8 <i>Total Fatalities by State, Malaysia, 2009</i>	42
• 1.9 JUMLAH KEMALANGAN JALAN RAYA MENGIKUT JENIS, MALAYSIA, 2000 – 2009 1.9 <i>Total Road Accidents by Type, Malaysia, 2000 - 2009</i>	44



PENGANGKUTAN REL *Rail Transport*

45

JADUAL/ *Table*

• 2.1	STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2000 - 2009	46
2.1	<i>Keretapi Tanah Melayu Berhad (KTMB) Traffic Statistics, 2000 - 2009</i>	
• 2.2	BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2000 - 2009	50
2.2	<i>Number of Passengers and Passenger Kilometers by Classes, 2000 - 2009</i>	
• 2.3	BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETA API EKSPRES, 2000 - 2009	51
2.3	<i>Number of Passengers and Passenger Kilometers for Express Services, 2000 - 2009</i>	
• 2.4	TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2000 - 2009	53
2.4	<i>Freight Traffic by Type of Cargo, 2000 - 2009</i>	
• 2.5	JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 2000 - 2009	54
2.5	<i>Goods Revenue by Type of Cargo, 2000 - 2009</i>	
• 2.6	DAFTAR LOKOMOTIF, 2000 - 2009	55
2.6	<i>Locomotive Inventory, 2000 - 2009</i>	
• 2.7	DAFTAR KOC PENUMPANG, 2000 - 2009	56
2.7	<i>Passenger Coaches Inventory, 2000 - 2009</i>	
• 2.8	DAFTAR GERABAK BARANG, 2000 - 2009	57
2.8	<i>Freight Wagon Inventory, 2000 - 2009</i>	
• 2.9	BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2000 - 2009	58
2.9	<i>Number of Passengers for Light Rail Transit (LRT) Services, 2000 - 2009</i>	



CARTA/ *Charts*

- 2.1 BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2000 - 2009 47
2.1 *Number of Passengers and Passenger Kilometers for Keretapi Tanah Melayu Berhad, 2000 - 2009*
- 2.2 TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2000 - 2009 48
2.2 *Freight Traffic for Keretapi Tanah Melayu Berhad, 2000 - 2009*
- 2.3 JUMLAH KONTENA YANG DIKENDALIKAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2000 - 2009 49
2.3 *Total Container Handled by Keretapi Tanah Melayu Berhad, 2000 - 2009*
- 2.4 BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2003 - 2009 59
2.4 *Number of Passengers for Light Rail Transit (LRT) Services, 2003 - 2009*

PENGANGKUTAN MARITIM *Maritime Transport*

61

JADUAL/ *Table*

- 3.1 JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009 62
3.1 *Total Cargo Throughput by Ports, Malaysia, 2000 - 2009*
- 3.2 JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2009 66
3.2 *Total Cargo Throughput by Ports and Type, Malaysia, 2009*
- 3.3 BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2009 68
3.3 *Commodities Loaded by Ports and Type, Malaysia, 2009*
- 3.4 BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2009 69
3.4 *Commodities Unloaded by Ports and Type, Malaysia, 2009*
- 3.5 JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009 70
3.5 *Total Container Throughput by Ports, Malaysia, 2000 - 2009*



• 3.6	JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009	75
3.6	<i>Total Number of Ships Calling by Ports, Malaysia, 2000 - 2009</i>	
• 3.7	JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2009	76
3.7	<i>Type of Ships Calling by Ports, Malaysia, 2009</i>	
• 3.8	BILANGAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELASAN BARU) DAN BERAT, 2005 - 2009	77
3.8	<i>Number of Ships Registered In Malaysia by Type (New Classification) and Weight, 2005 - 2009</i>	
• 3.9	JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELASAN BARU) DAN BERAT, 2005 - 2009	78
3.9	<i>Total of Ships Registered In Malaysia by Type (New Classification) and Weight, 2005 - 2009</i>	
• 3.10	JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2005 - 2009	79
3.10	<i>Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLb), 2005 - 2009</i>	
• 3.11	JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2005 - 2009	80
3.11	<i>Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLb), 2005 - 2009</i>	

CARTA/ Charts

• 3.1	JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2009	65
3.1	<i>Total Cargo Throughput by Ports, Malaysia, 2009</i>	
• 3.2	JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT JENIS, MALAYSIA, 2009	67
3.2	<i>Total Cargo Throughput by Type, Malaysia, 2009</i>	
• 3.3	JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2009	73
3.3	<i>Total Container Throughput by Ports, Malaysia, 2009</i>	



- 3.4 JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN TERPILIH, MALAYSIA, 2005 - 2009 74
3.4 *Total Container Handled By Selected Ports, Malaysia, 2005 - 2009*

PENGANGKUTAN UDARA *Air Transport*

81

JADUAL/ *Table*

- 4.1 KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2009 82
4.1 *International Airport Facilities, Malaysia, 2009*
- 4.2 KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2009 83
4.2 *Domestic Airport Facilities, Malaysia, 2009*
- 4.3 KEMUDAHAN PADANG TERBANG, MALAYSIA, 2009 84
4.3 *Airstrips Facilities, Malaysia, 2009*
- 4.4 JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2000 - 2009 86
4.4 *Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2000 - 2009*
- 4.5 JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2009 87
4.5 *Total Passengers Handled by Airports, Malaysia, 2009*
- 4.6 JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK KARGO TRANSIT), MALAYSIA, 2000 - 2009 89
4.6 *Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2000 - 2009*
- 4.7 JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2009 90
4.7 *Total Cargo Handled by Airports, Malaysia, 2009*
- 4.8 JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK MEL TRANSIT), MALAYSIA, 2000 - 2009 92
4.8 *Total Mail Handled by Airports (Excluding Mail in Transit), Malaysia, 2000 - 2009*



- 4.9 JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2009 93
4.9 *Total Mail Handled by Airports, Malaysia, 2009*
- 4.10 JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT 94
LAPANGAN TERBANG, MALAYSIA, 2000 – 2009
4.10 *Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2000 - 2009*
- 4.11 JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT 95
LAPANGAN TERBANG, MALAYSIA, 2009
4.11 *Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2009*
- 4.12 PERGERAKAN TRAFIK DI ANTARA LAPANGAN TERBANG-LAPANGAN TERBANG MALAYSIA 97
(TERMASUK SINGAPURA), 2009
4.12 *Traffic Movement between Malaysian Airports (Including Singapore), 2009*
- 4.13 PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2009 98
4.13 *Traffic Movement for Rural Air Services, Sabah and Sarawak, 2009*

CARTA/ *Charts*

- 4.1 JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, 88
MALAYSIA, 2005 - 2009
4.1 *Total Passengers Handled by International Airports, Malaysia, 2005 - 2009*
- 4.2 JUMLAH KARGO YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, 91
MALAYSIA, 2005 - 2009
4.2 *Total Cargo Handled by International Airports, Malaysia, 2005 - 2009*
- 4.3 JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN OLEH LAPANGAN 96
TERBANG ANTARABANGSA, MALAYSIA, 2005 – 2009
4.3 *Total Commercial Aircraft Movements Handled by International Airports, Malaysia, 2005 - 2009*

PRAKATA*Preface*

Y. BHG. DATO' LONG SEE WOOL
KETUA SETIAUSAHA
SECRETARY GENERAL

Terlebih dahulu, saya ingin mengambil kesempatan ini untuk mengucapkan syabas dan tahniah kepada semua pihak yang telah berusaha untuk menjayakan penerbitan Buku Statistik Pengangkutan Tahunan 2009. Buku laporan statistik pengangkutan ini mengandungi data perangkaan yang komprehensif, sedia diguna dan terkini yang meliputi kesemua jenis pengangkutan di Malaysia. Beberapa penunjuk utama terpilih bersama-sama dengan carta dan graf telah dimasukkan sebagai panduan mudah kepada pengguna untuk memahami perkembangan dan arah aliran sektor pengangkutan di negara ini. Diharapkan penerbitan buku laporan ini dapat dijadikan satu bahan rujukan yang bernilai kepada para pengguna yang terlibat secara langsung atau tidak langsung dalam sektor pengangkutan.

Sektor pengangkutan memainkan peranan yang penting sebagai salah satu penggerak utama kepada agenda pembangunan ekonomi negara. Sehubungan itu, kerajaan akan terus memberi perhatian dan penekanan ke atas perkembangan sektor pengangkutan agar ia dapat merealisasikan hasrat kerajaan yang ingin menyediakan rangkaian sistem pengangkutan awam yang komprehensif selaras dengan salah satu teras yang telah digariskan di bawah Bidang Keberhasilan Utama Nasional (NKRA) dan seterusnya memenuhi aspirasi Malaysia untuk mencapai status negara maju.

Saya ingin merakamkan setinggi-tinggi ucapan penghargaan kepada semua jabatan dan agensi di bawah Kementerian Pengangkutan, dan pihak-pihak yang berkenaan di atas kerjasama dan sumbangan ke arah merealisasikan penerbitan buku statistik ini.

First and foremost, I would like to thank everyone involved in the publication of the Malaysia Transport Statistics 2009. This transport statistics report consists of comprehensive, readily available and up-to-date statistical data on all modes of transport in Malaysia. Some selected key indicators, accompanied by graphs and charts, have been included in this report to provide users with a quick understanding of the basic trends of the transport sector in the country. I also hoped that this publication will serve as a valuable reference to all users involved directly or indirectly in the transport sector.

The transport sector plays an important role as one of the main catalyst to the economic development of the nation. In this regard, the Government will continue to focus and emphasis on the development of the transport sector in order to realize the national aspiration in providing a comprehensive public transport system network in line with one of the six core areas of the National Key Result Areas (NKRA) and fulfilling Malaysia's aspiration to become a developed nation.

I would like to express my deepest appreciation to all departments and agencies under the Ministry of Transport as well as others concerned for their cooperation and contribution toward realizing this publication.



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PENGANGKUTAN DARAT

Land Transport

- Kementerian Kerja Raya
Ministry of Works
- Lembaga Perlesenan Kenderaan Perdagangan
Commercial Vehicle Licensing Board
- Polis Diraja Malaysia
Royal Malaysian Police
- Jabatan Pengangkutan Jalan
Road Transport Department

PENGANGKUTAN REL

Rail Transport

- Keretapi Tanah Melayu Berhad
Keretapi Tanah Melayu Berhad
- 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

PENGANGKUTAN MARITIM

Maritime Transport

- Jabatan Laut Malaysia
Marine Department, Malaysia
- Jabatan Laut Wilayah Tengah
Marine Department, Central Region
- Lembaga Pelabuhan Klang
Port Klang 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

PENGANGKUTAN UDARA

Air Transport

Malaysia Airport Holding Berhad

Malaysia Airports Holdings Berhad

Senai Airport Terminal Services Sdn Bhd

Senai Airport Terminal Services Sdn Bhd



GLOSARI AKRONIM *Acronym Glossary*

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

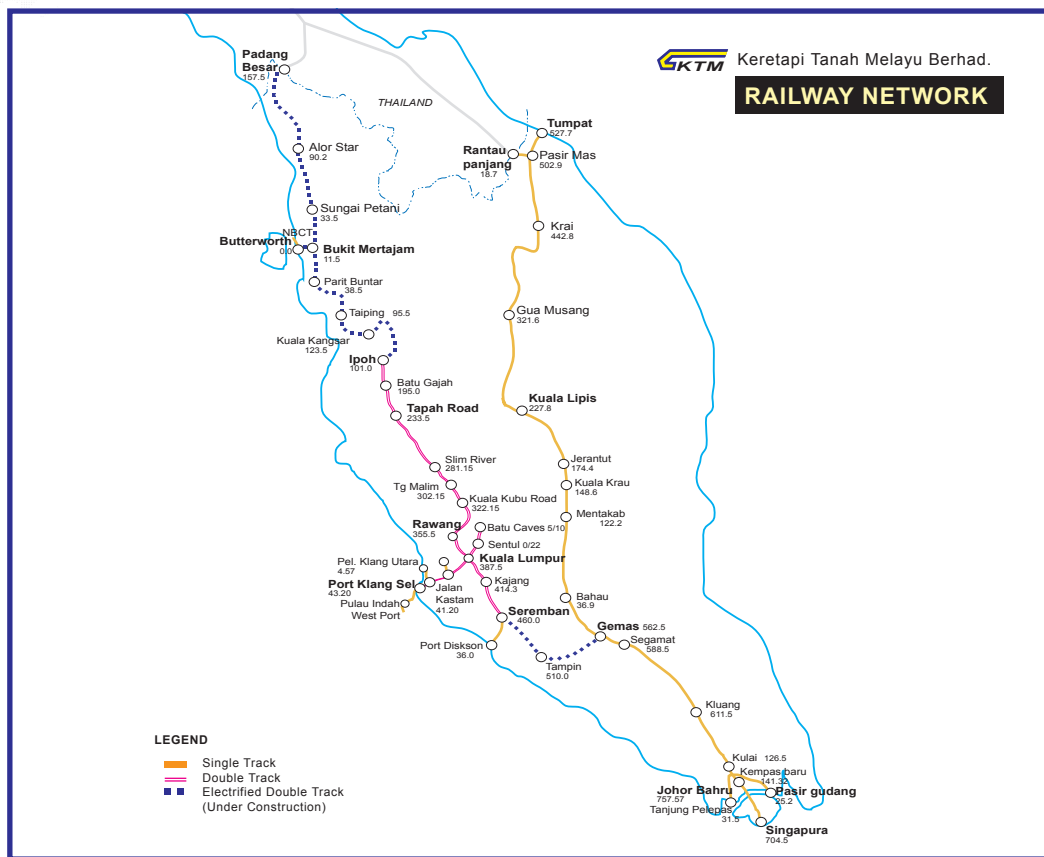


PETA *Maps*



SEMANANJUNG MALAYSIA - RANGKAIAN PENGANGKUTAN REL

Peninsular Malaysia -Rail Transport Malaysia





SABAH - RANGKAIAN PENGANGKUTAN REL
Sabah – Rail Transport Network





SEMENANJUNG MALAYSIA - LOKASI PELABUHAN-PELABUHAN PERSEKUTUAN
Peninsular Malaysia - Federal Ports



PELABUHAN-PELABUHAN PERSEKUTUAN
Federal Ports



SABAH - LOKASI PELABUHAN-PELABUHAN NEGERI DAN PELABUHAN PERSEKUTUAN
Sabah - State And Federal Ports



■ PELABUHAN-PELABUHAN NEGERI
State Ports

■ PELABUHAN-PELABUHAN PERSEKUTUAN
Federal Ports

SARAWAK - LOKASI PELABUHAN-PELABUHAN NEGERI DAN PELABUHAN PERSEKUTUAN
Sarawak - State And Federal Ports



■ PELABUHAN-PELABUHAN NEGERI
State Ports




■ PELABUHAN-PELABUHAN PERSEKUTUAN
Federal Ports



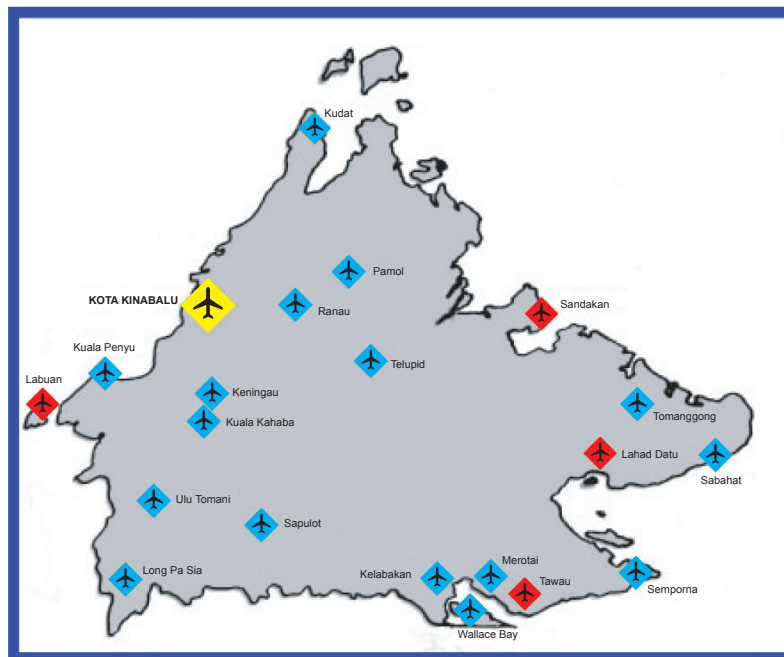
SEMANANJUNG MALAYSIA - LAPANGAN TERBANG ANTARABANGSA , LAPANGAN TERBANG DOMESTIK DAN PADANG TERBANG

Peninsular Malaysia - International Airport, Domestic Airport And Airstrips



-  LAPANGAN TERBANG ANTARABANGSA
International
-  LAPANGAN TERBANG DOMESTIK
Domestic airport
-  PADANG TERBANG
Airstrips

SABAH - LAPANGAN TERBANG ANTARABANGSA , LAPANGAN TERBANG DOMESTIK DAN PADANG TERBANG
Sabah - International Airport, Domestic Airport And Airstrips



LAPANGAN TERBANG ANTARABANGSA
International



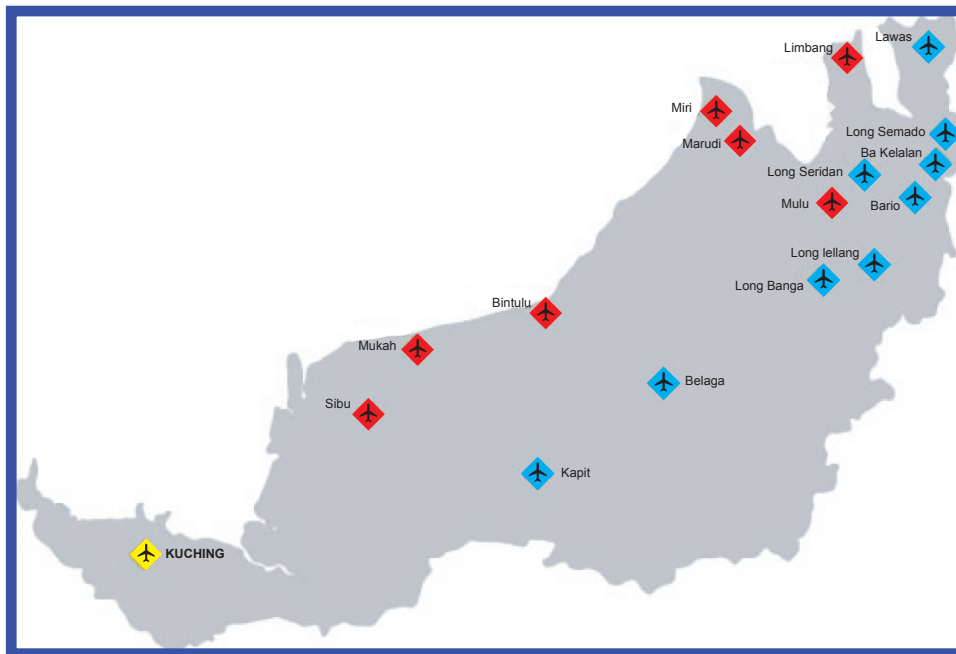
PADANG TERBANG
Airstrips



LAPANGAN TERBANG DOMESTIK
Domestic airport



SARAWAK - LAPANGAN TERBANG ANTARABANGSA , LAPANGAN TERBANG DOMESTIK DAN PADANG TERBANG
Sarawak - International Airport, Domestic Airport And Airstrips



LAPANGAN TERBANG ANTARABANGSA
International



LAPANGAN TERBANG DOMESTIK
Domestic airport



PADANG TERBANG
Airstrips

PENGANGKUTAN
Land Transport

DARAT





JADUAL 1.3 :

BILANGAN LESEN YANG DIKELUARKAN OLEH LEMBAGA PERLESENAN KENDERAAN PERDAGANGAN (LPKP) MENGIKUT KELAS LESEN, MALAYSIA 2000 - 2009

Table 1.3 :

Number of Licenses Issued by Commercial Vehicle Licensing Board (CVLB) by Class of Licenses, Malaysia, 2000 – 2009

KELAS LESEN Class of Licenses	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
BAS Busses										
BERHENTI-HENTI Stage	45	191	363	97	151	519	361	540	513	385
EKSPRES Express	46	290	522	432	177	111	60	356	389	328
MINI Mini	36	5	47	12	13	19	-	11	12	121
PEKERJA Employees	339	785	642	596	347	260	128	361	675	255
PENGANTARA Feeder	-	-	54	11	11	8	14	-	58	127
CATAR Chartered	-	-	-	-	-	11*	5	19	378	181
SEKOLAH School	458	737	964	743	537	635	299	846	1,423	1,129
JUMLAH Total	924	2,008	2,592	1,891	1,236	1,552	867	2,133	3,448	2,526
LORI Lorries										
"A"	8,857	9,644	10,356	4,540	5,085	5,373	3,875	12,492	14,913	16,152
"C"	912	1,653	2,203	1,130	834	714	554	1,746	2,061	2,464
JUMLAH Total	9,769	11,297	12,559	5,670	5,919	6,087	4,429	14,238	16,974	18,616
TEKSI Taxi										
SEWA Hire	169	487	672	306	105	4	43	257	255	1,221
SEWA PANDU SENDIRI Hire & Drive	606	1	109	597	318	1,491	1,709	1,155	1,388	3,139
TEKSI Taxi	188	804	6,856	1,314	602	1,099	237	689	624	2,945
LAPANGAN TERBANG Airport	-	101	-	-	1	313	360	228	498	198
LIMOUSIN Limousine	45	93	114	48	40	72	25	292	131	97
JUMLAH Total	1,008	1,486	7,751	2,265	1,066	2,979	2,374	2,621	2,896	7,600
JUMLAH KESELURUHAN Grand Total	11,701	14,791	22,902	9,826	8,221	10,618	7,670	18,992	23,318	28,742

SUMBER :

Source:

*

EXERCUTIVE INFORMATION SYSTEM (E.I.S), LEMBAGA PERLESENAN KENDERAAN PERDAGANGAN
Executive Information System (E.I.S), Commercial Vehicles Licensing Board (CVLB)
PADA TAHUN 2005, LPKP TELAH MEMPERKENALKAN KELAS LESEN BAS CATAR
Class of chartered bus licenses was introduced by CVLB in 2005



JADUAL 1.4 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2000 - 2009
Table 1.4 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2000 – 2009

BIL No	STESEN Station	KM	LOKASI Location	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
PERAK													
1	AR 101	106.6	Ipoh - Tanjung Malim (Slim River toll house)	7,731	11,307	9,515	10,416	11,246	11,892	13,555	16,031	13,854	15,038
2	AR 204	78.9	Ipoh - Lumut	16,714	22,282	18,402	19,576	19,594	19,764	20,907	21,192	21,138	23,920
3	AR 301	35.9	Ipoh - Kampar	21,359	27,971	22,421	23,403	23,243	22,677	24,314	20,703	23,050	23,659
4	AR 303	5.6	Ipoh - Gopeng	56,345	69,185	57,666	56,044	57,852	58,955	62,597	66,573	71,205	79,513
5	AR 501	30.4	Ipoh - Kuala Kangsar (500m north of Sg. Siput town)	13,593	17,441	15,474	14,510	15,298	15,079	15,399	17,927	18,036	19,085
6	AR 601	79.7	Ipoh - Batu Hampar - Changkat Jering	5,778	3,631	5,865	5,984	3,068	9,527	15,758	13,152	16,091	16,752
7	AR 603	82.1	Ipoh - Changkat Jering - Semanggol	11,749	17,558	15,466	13,374	15,442	8,817	2,667	16,365	10,034	7,076
8	AR 703	106.3	Ipoh - Teluk Intan - Simpang Empat	18,937	23,756	9,994	20,345	20,976	21,284	23,258	5,774	24,244	25,159
9	AR 801	96.6	Ipoh - Kuala Kangsar - Gerik	5,268	5,456	6,235	6,563	6,798	6,931	4,169	5,774	2,509	2,715
10	AR 803	2.4	Lebuh Raya Timur - Barat	1,750	2,616	2,280	1,996	2,269	2,608	2,906	3,124	2,945	3,078
SELANGOR													
11	BR 102	3.5	Klang - Port Klang (Jalan Watson)	43,296	59,254	26,409	48,319	47,213	45,006	35,132	47,105	47,817	46,690
12	BR 108	-	300m From The Federal Highway's Junction - North Klang Straits Bypass	89,043	144,718	99,279	107,975	112,600	111,393	109,893	117,571	129,408	122,468
13	BR 203	48.3	Klang - Morib - Batu Laut	5,869	7,630	5,904	5,913	6,445	6,311	6,709	6,400	6,711	7,023
14	BR 405	45.1	Kuala Lumpur - Kepong - Kuala Selangor	19,915	35,874	23,956	23,096	19,427	20,593	21,287	22,675	19,991	20,938
15	BR 501	72.1	Klang - Sabak Bernam	14,612	21,243	15,045	14,145	13,782	15,230	17,456	19,393	17,977	19,773
16	BR 604	21.7	Kuala Lumpur - Kajang	n.a	-	-	n.a	48,722	53,115	56,808	26,712	56,634	58,929
17	BR 701	58.6	Kuala Lumpur - Kuala Kubu Baru junction (south of junction)	7,721	12,569	9,222	9,741	8,883	9,396	9,896	11,712	12,307	13,209
18	BR 902	19.0	Kuala Lumpur - Karak Highway	81,954	159,309	62,906	137,364	138,783	146,831	141,362	172,362	137,870	13,209
PAHANG													
19	CR 102	67.0	Kuala Lumpur-Kuantan (along KL-Karak Highway)	13,946	24,121	16,131	16,348	16,350	17,038	19,707	22,273	20,703	22,224
20	CR 403	233.0	Kuantan-Marang	199,764	32,294	18,944	20,790	18,783	20,345	22,293	24,943	23,395	26,064
21	CR 410	32.5	Kuantan-Kemaman	13,688	25,368	16,470	16,098	15,316	16,470	188,840	23,396	20,260	22,249
22	CR 503	282.0	Kuala Lumpur-Kuala Lipis-Kampung Padang Tuanku-Kota Bharu	4,639	6,315	4,796	5,051	5,890	5,726	6,134	6,605	6,609	6,159
23	CR 603	3.0	Pekan-Nenas	4,705	7,287	5,665	6,881	6,651	6,450	6,513	6,774	5,746	7,783
24	CR 801	115.0	Kuantan-Karak	14,852	18,507	15,938	16,616	13,474	13,906	11,003	12,429	11,567	11,614
25	CR 805	189.0	Kuantan-Marang	9,265	16,460	11,309	11,848	8,820	8,871	6,832	6,800	6,587	6,761
26	CR 902	-	Kuantan-Segamat (400m. Bkt. Ibam-Rompin junction north bound)	5,680	8,769	6,412	6,571	7,159	6,828	6,634	6,708	7,316	11,634



JADUAL 1.4 (SAMB.) :

Table 1.4 (Cont'd) :

PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2000 - 2009

Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2000 – 2009

BIL No	STESAN Station	KM	LOKASI Location	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
KELANTAN													
27	DR 201	19.3	Kota Bharu - Melor	20,569	19,618	24,235	23,218	28,378	24,934	22,900	40,141	29,890	43,222
28	DR 603	6.1	Km Lebuhraya Timur-Barat	3,521	3,662	-	4,287	4,229	4,509	4,807	5,572	2,704	5,296
29	DR 802	61.5	Kota Bharu - Kuala Krai	12,405	12,780	13,072	13,464	14,501	14,502	16,932	19,526	18,707	19,521
JOHOR													
30	JR 101	142.0	Johor Bahru - Batu Pahat - Muar	10,111	15,517	9,967	12,739	11,956	11,577	11,086	12,172	10,736	12,735
31	JR 104	127.2	Johor Bahru - Yong Peng - Muar	8,201	14,133	8,309	9,775	8,494	10,052	17,891	27,608	32,094	33,381
32	JR 108	116.0	Johor Bahru - Segamat	9,399	14,661	9,723	10,050	10,334	10,030	11,281	12,558	12,732	12,869
33	JR 205	12.7	Johor Bahru - Skudai	138,142	259,564	200,828	206,699	199,931	191,864	199,433	187,687	407,454	218,035
34	JR 218	-	1000m east junction to Masai	49,936	69,973	45,572	26,633	46,128	51,142	45,330	42,184	86,914	46,426
35	JR 305	76.0	Johor Bahru - Ayer Hitam	12,088	17,367	11,862	12,368	13,434	13,590	15,248	15,381	14,708	15,261
36	JR 306	49.5	Batu Pahat - Ayer Hitam - Kluang	28,824	46,341	33,247	32,325	34,299	30,642	31,429	30,941	33,897	33,572
37	JR 404	38.6	Johor Bahru - Kota Tinggi	17,187	25,747	18,960	18,761	20,418	9,799	19,289	18,786	5,231	19,182
38	JR 501	135.2	Johor Bahru - Endau (2.4km north of Mersing town)	9,827	15,614	10,617	12,157	13,507	13,986	17,332	18,354	17,192	16,688
39	JR 503	111.1	Johor Bahru - Kota Tinggi - Jemaluang (500 m south of Jemaluang)	3,502	5,143	3,643	3,917	4,000	5,970	4,049	4,336	4,246	4,477
40	JR 702	60.0	Johor Bahru - Pontian Kecil - Pontian Besar (near Pontian Hospital)	30,693	43,926	35,982	43,411	13,534	14,191	20,095	13,299	17,789	14,480
41	JR 801	199.5	Johor Bahru - Segamat - Batu Anam	9,423	13,530	10,364	10,464	10,932	10,947	12,282	13,707	14,145	14,648
KEDAH													
42	KR 202	20.6	Alor Setar - Changlun	27,928	35,246	28,551	30,168	33,110	32,409	37,853	35,020	51,314	34,715
43	KR 401	70.8	Alor Setar - Sungai Petani - Butterworth	18,759	29,153	20,567	21,967	21,885	22,259	21,067	20,419	16,123	19,052
44	KR 501	29.0	Alor Setar - Sungai Petani	18,408	26,614	18,769	18,535	18,893	19,452	20,396	25,382	17,586	19,169
MELAKA													
45	MR 206	22.9	Melaka - Muar	23,610	23,118	24,105	24,798	23,144	23,019	24,404	15,027	14,057	15,501
46	MR 301	25.0	Melaka - Kendong	19,103	20,074	18,546	20,678	19,873	16,414	9,971	11,235	11,057	9,986
47	MR 313	43.5	Melaka - Lubok Cina	5,198	5,613	5,828	6,164	6,246	6,068	7,255	9,310	8,179	7,709
23	CR 603	3.0	Pekan-Nenasi	4,705	7,287	5,665	6,881	6,651	6,450	6,513	6,774	5,746	7,783
24	CR 801	115.0	Kuantan-Karak	14,852	18,507	15,938	16,616	13,474	13,906	11,003	12,429	11,567	11,614
25	CR 805	189.0	Kuantan-Maran	9,265	16,460	11,309	11,848	8,820	8,871	6,832	6,800	6,587	6,761
26	CR 902	-	Kuantan-Segamat (400m. Bkt. Ibam-Rompin junction north bound)	5,680	8,769	6,412	6,571	7,159	6,828	6,634	6,708	7,316	11,634



JADUAL 1.4 (SAMB.):
Table 1.4 (Cont'd):

PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2000 - 2009
Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2000 - 2009

BIL No	STESEN Station	KM	LOKASI Location	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
NEGERI SEMBILAN													
48	NR 304	21.7	Seremban - Port Dickson	30,915	31,273	31,289	34,421	41,492	41,561	4,709	59,699	68,327	67,092
49	NR 403	42.7	Seremban - Tampin	12,084	11,545	12,848	13,733	13,076	13,191	13,074	13,405	12,990	13,073
50	NR 501	20.0	Seremban - Kuala Lumpur	13,078	13,495	15,145	13,495	12,718	13,410	14,844	15,723	14,329	12,530
51	NR 505	9.3	Seremban - Tampin (500 m outside town area)	38,340	42,509	39,776	40,978	41,027	43,096	39,714	39,540	38,197	33,697
PULAU PINANG													
52	PR 116	16.9	Butterworth - Taiping	31,220	41,757	32,490	35,534	34,280	34,076	50,151	49,833	53,451	56,601
53	PR 201	11.1	Georgetown - Teluk Bahang (Jln. Keliling Pulau)	19,253	23,851	17,902	19,425	20,717	20,242	22,884	25,931	24,392	24,799
54	PR 203	57.2	Georgetown - Bayan Lepas - Gelugor (Jln. Keliling Pulau)	38,646	51,295	34,937	36,582	36,122	36,412	41,843	42,223	43,232	47,285
PERLIS													
55	RR 105	3.2	Kangar - Alor Setar (Melalui Simpang Empat)	16,337	17,781	16,098	16,177	17,317	10,056	9,823	21,939	20,769	21,321
KUALA TERENGGANU													
56	TR 103	61.5	K. Terengganu - Jerleh - Kota Bharu	14,767	15,321	12,766	14,434	18,382	18,805	19,007	20,255	23,357	21,313
57	TR 202	78.9	K. Terengganu - Dungun - Kemaman	7,453	9,075	9,404	9,604	13,842	11,688	20,955	26,801	23,463	29,051
58	TR 305	48.0	Kuantan - K. Terengganu (Jln. Jabor-Jerangau)	3,294	3,554	3,671	3,872	4,112	4,033	4,079	5,762	5,363	5,381
59	TR 402	17.0	K. Terengganu - Kuantan	18,366	19,159	20,000	21,602	22,063	11,594	24,524	25,042	24,933	24,852
60	TR 502	33.0	K. Terengganu - Kg. Ajil - Jerangau	7,881	10,094	9,928	13,725	10,830	11,149	12,216	11,448	13,132	14,701
KUALA LUMPUR													
61	WR 102	12.1	Kuala Lumpur - Ipoh	152,901	144,027	156,842	164,701	152,455	155,016	150,874	171,266	161,161	214,746
62	WR 103	8.1	Kuala Lumpur - Ipoh	-	-	-	-	192,095	185,828	206,484	202,018	205,867	194,287
63	WR 105	8.1	Kuala Lumpur - Seremban Expressway	180,382	199,187	213,363	213,158	208,656	226,019	245,799	265,025	229,713	213,522

SUMBER : KEMENTERIAN KERJA RAYA
Source : Ministry of Works



JADUAL 1.5:

Table 1.5:

PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2000 - 2009

Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2000 – 2009

BIL No	STESEN Station	KM	LOKASI Location	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
SABAH													
1	HR 101	4.8	Beaufort - Sindumin	2,608	2,689	3,856	4,077	4,902	5,805	7,042	12,391	7,454	4,811
2	HR 104	9.0	Tenom - Toman - Bekuku Highway	2,545	2,963	3,081	2,501	2,796	2,662	4,196	4,594	4,566	4,566
3	HR 201	22.5	Kota Kkinabalu - Papar	2,261	2,831	2,800	3,029	3,124	3,416	3,541	5,246	6,453	7,968
4	HR 202	8.1	Donggongan - Tambunan	3,668	4,006	3,189	3,836	4,123	4,326	4,751	4,607	3,578	3,701
5	HR 204	69.0	Kota Kinabalu - Kudat (100mm From Longtigi Junction)	4,505	3,584	4,831	6,038	4,665	4,738	7,913	11,703	9,855	9,450
6	HR 501	31.4	Tawau - Semporna	11,563	13,289	15,104	16,981	19,330	12,948	10,938	21,450	16,850	9,407
7	HR 504	14.5	Sg. Segama Crossing	4,008	3,918	4,586	5,472	6,445	3,339	7,140	7,732	6,987	6,781
8	HR 506	68.0	20km from Semporna towards Tawau	2,103	2,084	2,321	2,771	3,464	6,795	1,670	3,679	2,585	2,663
9	HR 507	82.0	Tawau - Sandakan (Near Kunak Junction)	3,628	3,371	4,353	4,640	4,858	6,831	7,820	8,315	7,168	8,600
SARAWAK													
10	SR 101	16.1	Bau - Semantan	2,564	2,118	1,911	2,337	3,293	3,466	2,457	2,838	3,188	3,143
11	SR 103	27.4	Kucing - Serian	19,924	16,559	16,752	23,100	27,839	26,599	22,781	21,696	22,225	24,564
12	SR 401	20.0	Bintulu - Sibul	3,267	3,588	4,006	4,923	7,197	5,952	6,779	6,986	7,250	9,808
13	SR 402	29.0	Bintulu - Miri	2,378	2,709	2,714	3,426	4,903	5,702	4,828	5,357	5,924	7,880
14	SR 403	6.2	Miri - Bintulu (before junction to Airport)	19,355	20,346	25,442	23,612	24,487	18,046	10,345	9,138	9,984	11,060
15	SR 503	1.6	Limbang - Brunei Border (Sg.Paduan)	14,209	15,074	20,510	20,944	21,535	18,016	16,317	14,301	16,319	14,141
16	SR 504	1.6	Lawas - Trusan	2,950	1,668	4,028	3,898	4,379	4,399	3,935	5,344	4,519	5,139

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works



JADUAL 1.6 :
Table 1.6 :

KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 15 STESEN TERPILIH, MALAYSIA, 2009
Traffic Composition (%) by Type of Vehicle at 15 Selected Stations, Malaysia, 2009

BIL No	STESEN Station	LOKASI Location	JENIS KENDERAAN Type of Vehicle						
			16 JAM TRAFIK 16 Hours Traffic	KERETA / TEKSI Car / Taxi	LORI KECIL Light Lorry	LORI SEDERHANA Medium Lorry	LORI BESAR Heavy Lorry	BAS Bus	MOTOSIKAL Motorcycle
SEMANANJUNG MALAYSIA Peninsular Malaysia									
1	JR 203	Johor Bahru - Air Hitam	28,043	63	8	11	5	1	12
2	JR 501	Johor Bahru - Endau	16,688	49	9	6	3	1	33
3	NR 501	Seremban - Kuala Lumpur	12,530	60	7	11	5	1	17
4	PR 115	Butterworth - Taiping	35,062	57	6	8	3	1	26
5	AR 301	Ipoh - Kampar	23,659	58	7	8	6	2	18
6	KR 501	Alor Setar - Sungai Petani	19,169	51	8	8	5	1	27
7	CR 805	Kuantan - Maran	6,761	59	10	8	8	1	14
8	CR 902	Persimpangan Bukit Iban - Rompin Di Lebuhraya Kuantan - Segamat	11,634	50	14	9	5	1	21
9	TR 402	Kuala Terengganu - Kuantan	24,852	64	8	5	2	1	21
10	DR 802	Kota Bharu - Kuala Krai	7,177	52	10	12	15	0	11
SABAH									
1	HR 201	Kota Kinabalu - Papar	7,968	56	23	10	4	1	6
12	HR 501	Tawau - Semporna	9,407	36	36	15	7	1	5
SARAWAK									
13	SR 103	Kuching - Serian	24,564	55	10	9	4	1	21
14	SR 402	Bintulu - Miri	7,880	44	19	12	15	2	8

SUMBER : KEMENTERIAN KERJA RAYA

Source : *Ministry of Works*



JADUAL 1.7 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2000 - 2009
Table 1.7 : Total Road Accidents by State, Malaysia, 2000 – 2009

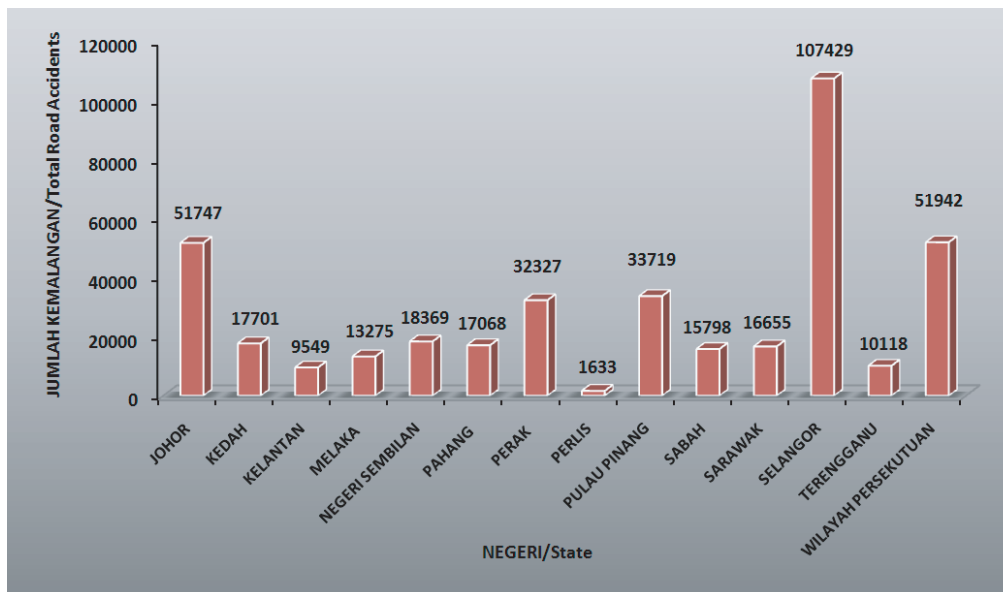
NEGERI State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
JOHOR	32,459	33,398	34,275	36,445	41,854	42,606	43,757	46,584	48,667	51,747
KEDAH	11,504	12,022	12,423	12,456	14,196	14,484	15,505	16,172	16,520	17,701
KELANTAN	5,984	5,814	6,166	6,882	7,253	7,126	7,337	8,116	8,842	9,549
MELAKA	8,195	8,899	9,462	10,122	11,020	10,321	10,707	11,720	12,105	13,275
NEGERI SEMBILAN	12,087	12,737	13,410	13,868	14,505	14,461	15,197	16,079	17,362	18,369
PAHANG	8,788	10,053	10,722	12,303	13,349	13,381	13,242	13,982	15,548	17,068
PERAK	23,351	23,698	25,245	25,948	27,542	27,225	27,432	29,203	30,539	32,327
PERLIS	921	997	992	1,101	1,073	1,037	1,160	1,364	1,417	1,633
PULAU PINANG	22,326	25,862	26,419	27,817	31,008	30,934	32,573	33,881	34,049	33,719
SABAH	9,667	10,073	10,244	11,071	12,018	12,760	13,550	14,256	14,588	15,798
SARAWAK	9,615	10,714	11,501	12,483	13,865	14,209	14,808	15,196	15,488	16,655
SELANGOR	62,386	67,009	73,604	80,074	87,891	87,705	90,632	99,157	100,380	107,429
TERENGGANU	5,865	5,812	5,851	6,589	7,003	7,078	7,098	8,155	8,814	10,118
WILAYAH PERSEKUTUAN	37,281	38,087	39,397	41,492	44,240	45,000	46,254	49,454	48,671	51,942
JUMLAH	250,429	265,175	279,711	298,651	326,817	328,327	339,252	363,319	372,990	397,330

SUMBER : POLIS DIRAJA MALAYSIA
Source : Royal Malaysian Police



CARTA 1.5 :
Chart 1.5 :

JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2009
Total Road Accidents by State, Malaysia, 2009

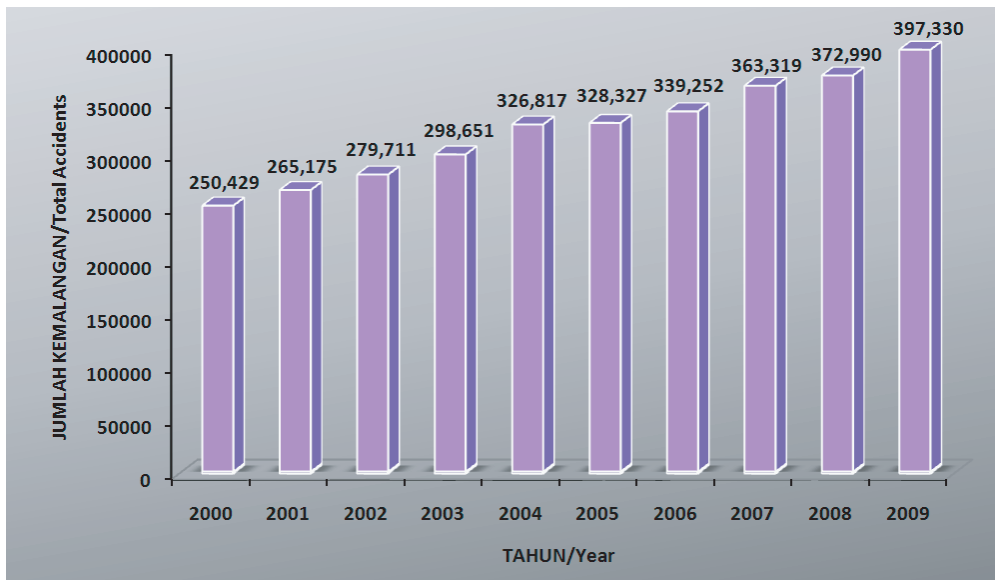


SUMBER : POLIS DIRAJA MALAYSIA
Source : *Royal Malaysian Police*



CARTA 1.6: JUMLAH KEMALANGAN JALAN RAYA, MALAYSIA, 2000 - 2009

Chart 1.6: Total Road Accidents, Malaysia, 2000 - 2009



SUMBER: POLIS DIRAJA MALAYSIA

Source: Royal Malaysian Police



JADUAL 1.8 : JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 2000 - 2009

Table 1.8 : Total Motor Vehicles Involved In Road Accidents by Type of Vehicle, Malaysia, 2000 – 2009

TAHUN Year	MOTOSIKAL Motorcycle	MOTOKAR Motorcar	VAN Van	BAS Bus	LORI Lorries	PEMACU 4 RODA 4 Wheel Drive	TEKSI Taxi	BASIKAL Bicycle	LAIN - LAIN Others	JUMLAH Total
2000	79,816	268,881	19,326	9,660	35,076	12,027	6,620	3,047	6,933	441,386
2001	85,761	300,910	19,715	9,275	36,448	13,679	6,530	3,424	7,609	483,351
2002	86,779	320,649	19,077	9,256	37,794	14,783	6,187	3,278	10,043	507,846
2003	95,545	351,832	20,277	9,673	42,753	16,429	6,632	2,993	9,500	555,634
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

SUMBER : POLIS DIRAJA MALAYSIA

Source : Royal Malaysian Police

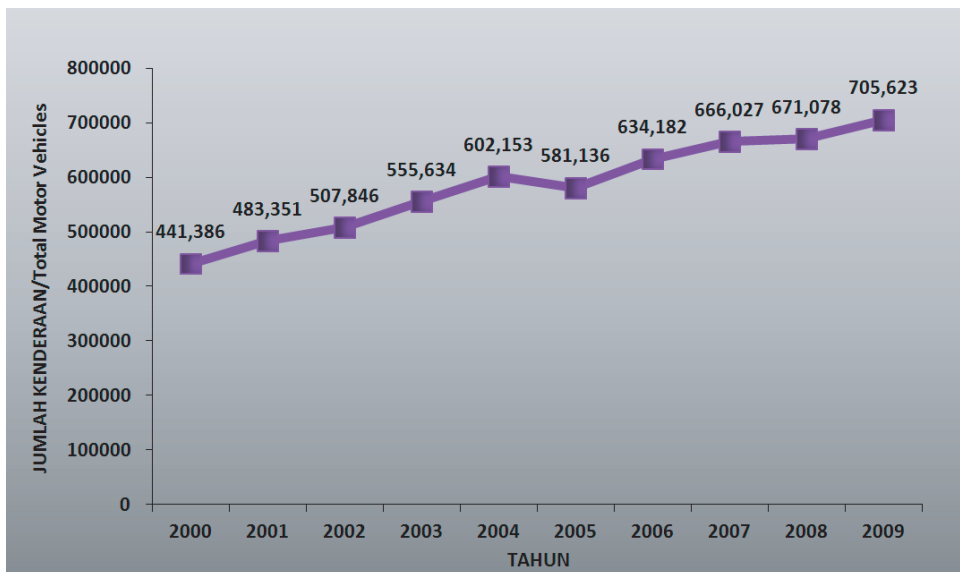


CARTA 1.7 :

Chart 1.7:

JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA, MALAYSIA, 2000 – 2009

Total Motor Vehicles Involved In Road Accidents, 2000 - 2009



SUMBER : POLIS DIRAJA MALAYSIA

Source : Royal Malaysian Police



JADUAL 1.9 : JUMLAH KEMATIAN MENGIKUT BULAN DAN NEGERI, MALAYSIA, 2009

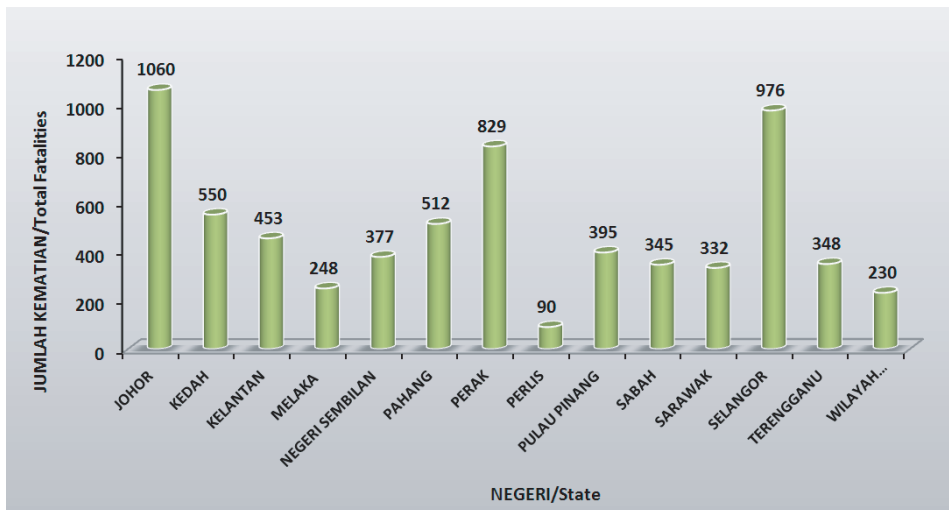
Table 1.9 : Total Fatalities by Month and State, Malaysia, 2009

NEGERI State	JANUARI January	FEBRUARI February	MAC March	APRIL April	MEI May	JUN June	JULAI July	OGOS August	SEPTEMBER September	OKTOBER October	NOVEMBER November	DISEMBER December	JUMLAH Total
JOHOR	94	73	71	94	97	74	86	103	100	107	80	81	1,060
KEDAH	47	42	50	49	42	46	49	44	64	31	39	47	550
KELANTAN	50	32	31	34	28	36	38	42	52	51	25	34	453
MELAKA	14	22	31	20	15	16	21	24	18	20	18	29	248
NEGERI SEMBILAN	37	32	28	23	20	35	43	33	35	32	21	38	377
PAHANG	37	31	30	39	50	32	56	52	53	38	52	42	512
PERAK	86	57	69	52	62	57	74	70	70	75	70	87	829
PERLIS	2	4	13	10	3	9	4	13	9	3	9	11	90
PULAU PINANG	20	35	26	45	28	31	37	33	41	36	32	31	395
SABAH	30	19	28	29	26	19	33	33	26	26	37	39	345
SARAWAK	23	23	35	19	37	36	34	35	21	18	29	22	332
SELANGOR	95	68	88	91	92	85	88	81	82	85	67	54	976
TERENGGANU	33	29	29	25	16	31	37	22	51	25	31	19	348
KUALA LUMPUR	30	17	14	14	28	16	18	19	23	17	16	18	230
JUMLAH Total	598	484	543	544	544	523	618	604	645	564	526	552	6,745

SUMBER: POLIS DIRAJA MALAYSIA

Source: Royal Malaysian Police

CARTA 1.8 : JUMLAH KEMATIAN MENGIKUT NEGERI, MALAYSIA, 2009
Chart 1.8 : Total Fatalities by State, Malaysia, 2009



SUMBER: POLIS DIRAJA MALAYSIA
Source: Royal Malaysian Police



JADUAL 1.10 : JUMLAH KECEDERAAN DAN KEMATIAN YANG DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2000 – 2009

Table 1.10 : Total Casualties and Damages Caused by Road Accidents, Malaysia, 2000 - 2009

TAHUN Year	JUMLAH KEMALANGAN Total Number of Accidents	KEMALANGAN Accident			
		MAUT Fatal	PARAH Serious	RINGAN Minor	JUMLAH Total
2000	250,429	6,035	9,773	34,246	50,054
2001	265,175	5,854	8,684	35,944	50,482
2002	279,237	5,378	8,424	35,171	48,973
2003	298,653	6,286	9,040	37,415	52,741
2004	326,817	5,674	9,230	38,631	53,535
2005	328,264	5,604	9,395	31,417	46,416
2006	339,252	5,711	9,253	19,885	34,849
2007	363,319	5,672	9,273	18,444	33,389
2008	372,990	5,952	8,866	16,901	31,719
2009	397,330	6,218	6,978	12,072	25,268

SUMBER : POLIS DIRAJA MALAYSIA

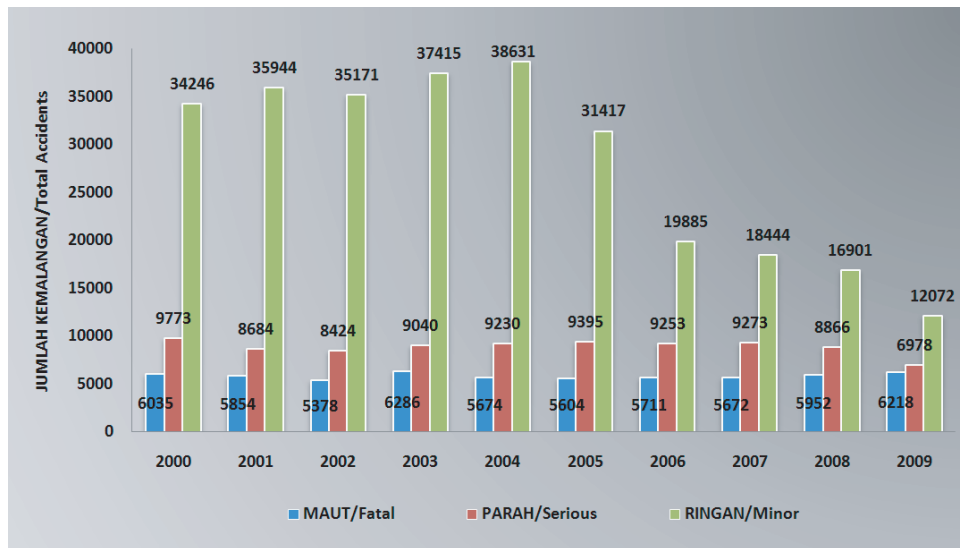
Source : Royal Malaysian Police

CARTA 1.9 :

JUMLAH KECEDEeraan DAN KEMATIAN YANG DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2000 – 2009

Chart 1.9 :

Total Casualties and Damages Caused by Road Accidents, Malaysia, 2000 - 2009

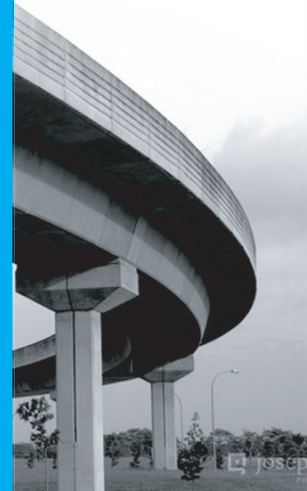


SUMBER: POLIS DIRAJA MALAYSIA

Source: *Royal Malaysian Police*

PENGANGKUTAN
Rail Transport

REL





JADUAL 2.1: STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2000 - 2009

Table 2.1: Keretapi Tanah Melayu Berhad (KTMB) Traffic Statistics, 2000 - 2009

SUKU TAHUN Quarterly	PERKHIDMATAN KERETAPI Rail Services					KTM KOMUTER KTM Commuter	
	PENUMPANG Passenger		BARANGAN Freight		KONTENA Container	PENUMPANG Passenger	
	BIL No (' 000)	KM PENUMPANG Passenger Km ('000,000)	TONNE Tonnes (' 000)	TONNE KM Tonnes Km ('000,000)	TEU Teus	BIL No (' 000)	RINGGIT MALAYSIA Malaysia Ringgit (RM)
2000	3,825	1,220	5,481	916	255,312	19,154	39,697,179
2001	3,511	1,181	4,150	1,094	149,669	20,929	45,830,308
2002	3,437	1,123	3,741	1,107	262,478	22,084	49,710,637
2003	3,362	1,018	4,608	886	272,864	24,645	59,069,351
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

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

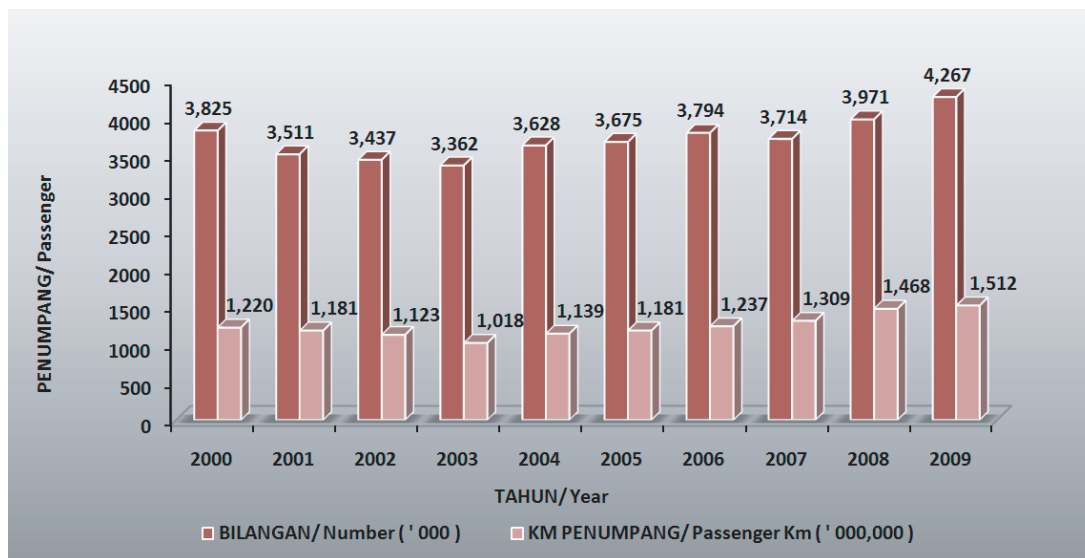
Source: Keretapi Tanah Melayu Berhad (KTMB)



CARTA 2.1 :

BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2000 - 2009

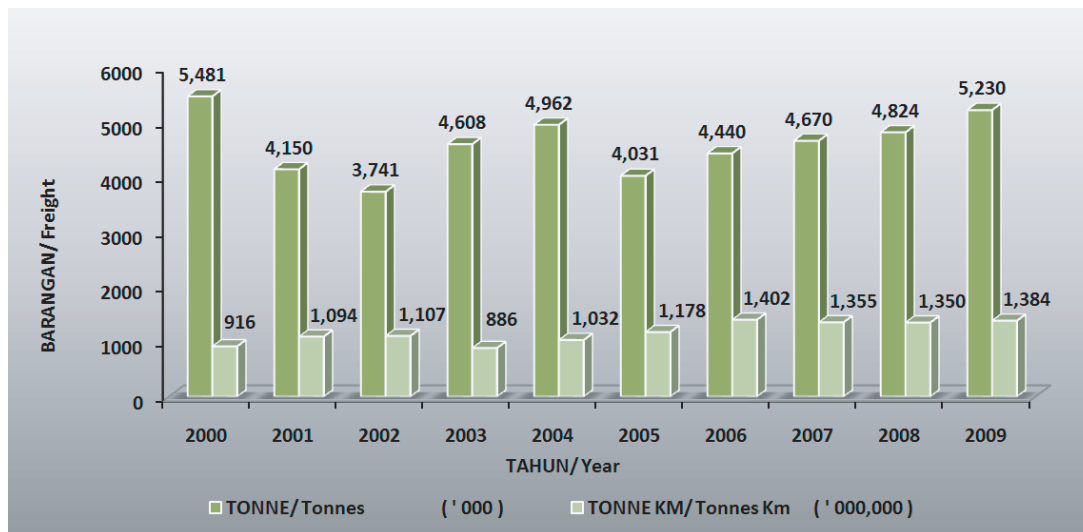
Chart 2.1 : *Number of Passengers and Passenger Kilometers for Keretapi Tanah Melayu Berhad, 2000 - 2009*



SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : *Keretapi Tanah Melayu Berhad (KTMB)*

CARTA 2.2 : TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2000 - 2009
Chart 2.2 : Freight Traffic for Keretapi Tanah Melayu Berhad, 2000 - 2009



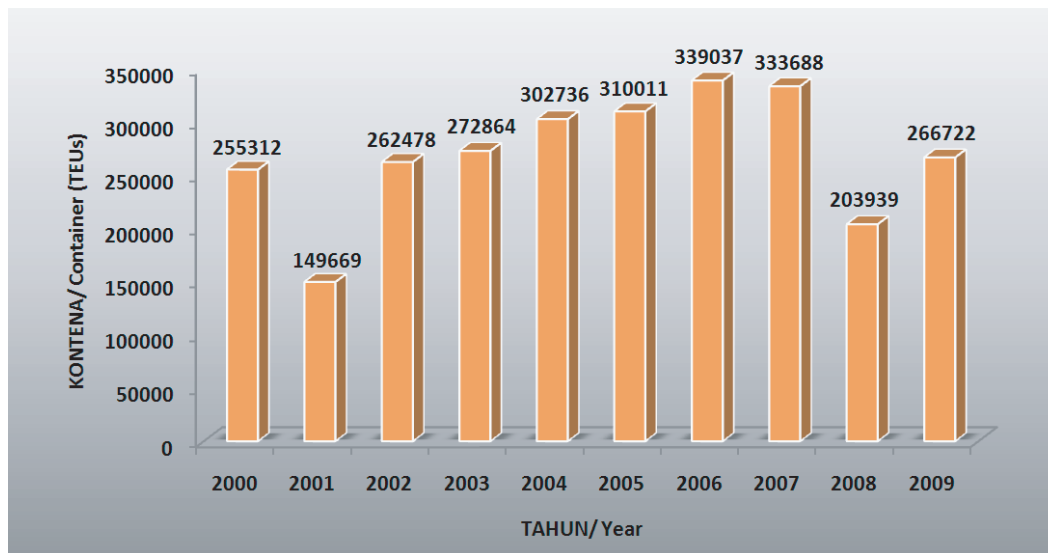
SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)



CARTA 2.3 :
Chart 2.3 :

JUMLAH KONTENA YANG DIKENDALIKAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2000 - 2009
Total Container Handled by Keretapi Tanah Melayu Berhad, 2000 – 2009



SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : *Keretapi Tanah Melayu Berhad (KTMB)*



JADUAL 2.2:

BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2000 - 2009

Table 2.2:

Number of Passengers and Passenger Kilometers by Classes, 2000 - 2009

TAHUN Year	BILANGAN PENUMPANG (' 000) Number of Passengers (' 000)				KILOMETER PENUMPANG (' 000,000) 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
2000	87.0	1,524.0	2,213.0	3,824.0	40.8	653.6	525.9	1,220.3
2001	92.0	1,507.0	1,913.0	3,512.0	40.9	639.2	501.3	1,181.4
2002	88.0	1,468.0	1,881.0	3,437.0	38.8	609.7	474.6	1,123.1
2003	65.0	1,332.0	1,966.0	3,363.0	29.1	530.0	459.3	1,018.4
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	1,522.0

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Keretapi Tanah Melayu Berhad (KTMB)



JADUAL 2.3: BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETA API EKPRES, 2000 - 2009

Table 2.3: Number of Passengers and Passenger Kilometers for Express Services, 2000 - 2009

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
2000	32.0	376.0	-	408.0	15.2	165.5	-	180.7	25.0	227.0	45.0	297.0	18.5	96.3	12.2	127.0
2001	30.0	296.0	-	326.0	14.1	126.0	-	140.1	25.0	181.0	-	206.0	10.4	78.0	-	88.4
2002	29.0	236.0	-	265.0	13.0	97.0	-	110.0	23.0	165.0	-	188.0	9.1	70.0	-	79.1
2003	24.0	208.0	-	232.0	10.3	84.6	-	94.9	5.0	45.0	-	50.0	2.0	18.1	-	20.1
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

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
2000	10.0	167.0	144.0	321.0	35.0	66.0	45.0	146.0	6.0	95.0	325.0	426.0	2.7	53.8	177.4	233.9
2001	10.0	209.0	189.0	408.0	8.2	76.2	55.6	140.0	7.0	100.0	321.0	428.0	2.7	57.9	172.4	233.0
2002	11.0	231.0	214.0	456.0	3.7	79.3	60.4	143.4	7.0	101.0	318.0	426.0	2.7	58.5	168.5	229.7
2003	10.0	232.0	232.0	474.0	3.4	74.5	62.9	140.8	6.0	108.0	297.0	411.0	2.3	61.5	153.9	217.7
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

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Keretapi Tanah Melayu Berhad (KTMB)



JADUAL 2.3 (SAMB.) :

BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETA API EKPRES,
2000 - 2009

Table 2.3 (Cont'd) :

Number of Passengers and Passenger Kilometers for Express Services, 2000 – 2009

TAHUN Year	EKSPRES / Express GADING MAS								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
2000	10.0	167.0	144.0	321.0	35.0	66.0	45.0	146.0	6.0	95.0	325.0	426.0	2.7	53.8	177.4	233.9
2001	10.0	209.0	189.0	408.0	8.2	76.2	55.6	140.0	7.0	100.0	321.0	428.0	2.7	57.9	172.4	233.0
2002	11.0	231.0	214.0	456.0	3.7	79.3	60.4	143.4	7.0	101.0	318.0	426.0	2.7	58.5	168.5	229.7
2003	10.0	232.0	232.0	474.0	3.4	74.5	62.9	140.8	6.0	108.0	297.0	411.0	2.3	61.5	153.9	217.7
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

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Keretapi Tanah Melayu Berhad (KTMB)



JADUAL 2.4:

Table 2.4:

TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2000 - 2009

Freight Traffic by Type of Cargo, 2000 - 2009

JENIS KARGO Type of Cargo	' 000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
SIMEN & KLINKER Cement & Clinker	Tonne	1,236	1,181	1,061	856	942	1,026	1,220	1,355	4,654	1,704
	t km	218,864	379,143	330,382	238,840	227,924	293,139	308,121	356,299	390,869	531,335
KONTENA PERKAPALAN Maritime Container	Tonne	2,685	1,796	1,658	2,749	2,887	1,876	2,074	2,222	2,272	2,603
	t km	442,548	399,655	419,098	284,612	343,462	394,193	597,355	507,900	490,127	455,843
LANDBRIDGE Landbridge	Tonne	-	-	-	-	216	184	164	122	105	55
	t km	-	-	-	-	54,689	114,199	22,516	56,701	72,286	15,710
PETROL & MINYAK GALIAN Petrol & Mineral Oil	Tonne	261	258	218	127	72	57	62	75	45	-
	t km	46,834	67,871	62,547	41,198	22,894	17,763	19,714	23,964	13,935	-
MAKANAN & MINUMAN PROSES Processed Food & Drink	Tonne	174	224	249	242	288	358	363	421	433	476
	t km	31,554	101,555	188,931	206,111	214,539	267,898	278,419	323,857	315,429	319,811
BERAS, PADI & BRAN Rice, Paddy & Bran	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
GETAH Rubber	Tonne	-	-	-	1	-	-	-	-	-	-
	t km	-	-	267	17	22	-	-	-	-	-
GETAH CECAIR Latex	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	108	28	12	1	1	-	-	-
KAYU BALAK Logs	Tonne	23	12	2	-	-	-	-	-	-	-
	t km	3,247	4,946	420	-	-	-	-	-	-	-
KAYU GERGAJI Swan Timber	Tonne	4	2	-	-	-	-	-	-	-	-
	t km	666	393	-	-	-	-	-	-	-	-
BIJIH & LAIN-LAIN GALIAN Ore & Other Minerals	Tonne	76	103	-	80	90	58	21	10	11	6
	t km	13,710	42,065	-	22,961	21,929	12,654	1,133	182	1,573	102
KIMIA Chemicals	Tonne	363	383	378	375	346	309	370	386	347	259
	t km	53,111	28,011	25,343	23,433	20,986	20,682	22,602	23,611	21,935	18,390
MINYAK MAKAN Edible Oil	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN Others	Tonne	155	192	237	178	121	204	174	166	138	130
	t km	35,266	70,504	79,575	69,152	60,181	57,082	68,107	62,723	44,244	42,916
JUMLAH Total	Tonne	4,977	4,151	3,803	4,608	4,962	4,072	4,448	4,757	8,005	5,232
	t km	845,800	1,094,143	1,106,853	886,352	1,016,638	1,177,611	1,317,986	1,355,237	1,350,398	1,384,109

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Keretapi Tanah Melayu Berhad (KTMB)



JADUAL 2.5: JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 2000 - 2009

Table 2.5: Goods Revenue by Type of Cargo, 2000 - 2009

JENIS KARGO Type of Cargo	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
SIMEN & KLINKER Cement & Clinker	22,052	20,970	19,698	15,475	17,350	19,345	20,857	24,345	26,200	29,350
KONTENA PERKAPALAN Maritime Container	47,113	52,153	57,561	60,548	32,979	35,526	40,216	46,520	43,871	47,583
LANDBRIDGE Landbridge	-	-	-	-	33,773	30,022	29,846	25,846	20,500	13,644
PETROL & MINYAK GALIAN Petrol & Mineral Oil	5,768	5,689	5,050	3,258	1,738	1,992	2,253	2,866	1,710	-
MAKANAN & MINUMAN PROSES Processed Food & Drink	4,163	5,480	6,824	7,085	7,787	9,196	9,583	11,770	11,706	12,047
BERAS, PADI & BRAN Rice, Paddy & Bran	-	-	-	-	-	-	-	-	-	-
GETAH Rubber	-	-	-	204	1	-	-	-	-	-
GETAH CECAIR Latex	-	-	-	16	4	-	-	-	-	-
KAYU BALAK Logs	633	255	34	-	-	-	27	-	-	-
KAYU GERGAJI Sawn Timber	43	41	1	-	-	-	41	-	-	-
BIJIH & LAIN-LAIN GALIAN Ore & Other Minerals	1,708	2,221	2,176	1,736	2,377	905	211	98	99	72
KIMIA Chemicals	3,985	3,773	3,692	3,640	3,587	3,431	3,804	5,139	4,592	3,064
MINYAK MAKAN Edible Oil	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN Others	10,166	10,906	4,129	8,413	8,294	7,199	6,579	5,188	6,418	9,763
JUMLAH Total	95,631	101,488	99,165	100,375	107,890	107,616	113,417	121,772	115,096	116,318

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: *Keretapi Tanah Melayu Berhad (KTMB)*



JADUAL 2.6: DAFTAR LOKOMOTIF, 2000 - 2009

Table 2.6: Locomotive Inventory, 2000 – 2009

TAHUN Year	LALUAN UTAMA Mainline										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	RELKAR (RELBAS) Rail-Car (Rail-Bus)	SET EMU EMU 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
2000	-	11.0	15.0	26.0	12.0	-	-	-	60.0	124.0	-	-	10.0	10.0	20.0
2001	-	11.0	15.0	26.0	12.0	-	-	-	60.0	124.0	-	-	10.0	10.0	20.0
2002	-	11.0	15.0	26.0	17.0	-	-	-	60.0	129.0	-	-	8.0	10.0	18.0
2003	-	10.0	15.0	26.0	17.0	12.0	-	-	60.0	140.0	-	-	8.0	10.0	18.0
2004	-	10.0	15.0	26.0	17.0	20.0	-	-	58.0	146.0	-	-	8.0	10.0	18.0
2005	-	10.0	15.0	26.0	17.0	20.0	-	-	58.0	146.0	-	-	-	10.0	10.0
2006	-	5.0	11.0	20.0	17.0	20.0	-	-	53.0	126.0	-	-	-	10.0	10.0
2007	-	5.0	11.0	26.0	17.0	20.0	-	-	58.0	137.0	-	-	-	10.0	10.0
2008	-	5.0	11.0	21.0	17.0	20.0	-	-	54.0	128.0	-	-	-	10.0	10.0
2009	-	4.0	11.0	18.0	17.0	20.0	20.00	-	58.0	148.0	-	-	-	10.0	10.0

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Keretapi Tanah Melayu Berhad (KTMB)



JADUAL 2.7:

DAFTAR KOC PENUMPANG, 2000 - 2009

Table 2.7:

Passenger Coaches Inventory, 2000 – 2009

TAHUN Year	PERJALANAN SIANG Day Travel				PERJALANAN MALAM/SIANG Night/Day Travel				LAIN-LAIN Others				JUMLAH Total			
	BILANGAN KOC Number of Coaches	JUMLAH TEMPAT DUDUK Number of Seats			BILANGAN KOC Number of Coaches	JUMLAH TEMPAT DUDUK Number of Seats			BILANGAN KOC Number of Coaches	JUMLAH TEMPAT DUDUK Number of Seats			BILANGAN KOC Number of Coaches	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
2000	154	396	3,900	4,914	54	200	1,600	-	-	-	-	-	208	596	5,500	4,914
2001	154	360	3,848	1,348	54	264	1,600	-	-	-	-	-	208	624	5,448	1,348
2002	153	360	3,848	4,930	54	200	1,600	-	-	-	-	-	207	560	5,448	4,930
2003	73	324	2,184	1,460	117	200	2,848	2,886	-	-	-	-	190	524	5,032	4,346
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

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Keretapi Tanah Melayu Berhad (KTMB)



JADUAL 2.8:
Table 2.8:

DAFTAR GERABAK BARANG, 2000 - 2009
Freight Wagon Inventory, 2000 – 2009

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				
2000	340	-	216	340	-	15	12	1,561	2	1,063	3,549
2001	340	-	216	340	-	-	12	1,561	2	1,063	3,534
2002	299	2	236	303	-	-	12	1,813	4	1,063	3,732
2003	299	2	254	298	-	14	12	1,800	4	863	3,546
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

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Keretapi Tanah Melayu Berhad (KTMB)



JADUAL 2.9: BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2000 - 2009
Table 2.9: Number of Passengers for Light Rail Transit (LRT) Services, 2000 – 2009

JENIS PERKHIDMATAN Type of Services	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
PUTRALINE	44,542,496	52,478,951	54,423,246	50,254,365	57,729,971	60,290,467	56,747,136	56,965,258	58,168,337	55,580,190
STARLINE	28,426,201	32,412,191	33,471,344	41,159,817	43,535,471	45,636,997	49,727,909	52,434,883	51,009,480	49,375,077
KL MONORAIL	* Perkhidmatan belum dijalankan			3,220,297	12,201,518	16,206,441	19,322,170	22,197,169	21,765,233	21,021,390
KLIA EKSPRES	* Perkhidmatan belum dijalankan		1,048,201	1,697,574	1,912,340	1,604,404	1,838,723	1,780,384	1,578,706	1,419,827
KLIA TRANSIT			187,848	970,598	1,734,614	1,829,224	2,369,763	2,449,842	2,508,886	2,441,739

SUMBER: RAPIDKL SDN. BHD.

Source: *RapidKL Sdn. Bhd.*

SUMBER: KL STARRAIL SDN. BHD.

Source: *KL StarRail Sdn. Bhd.*

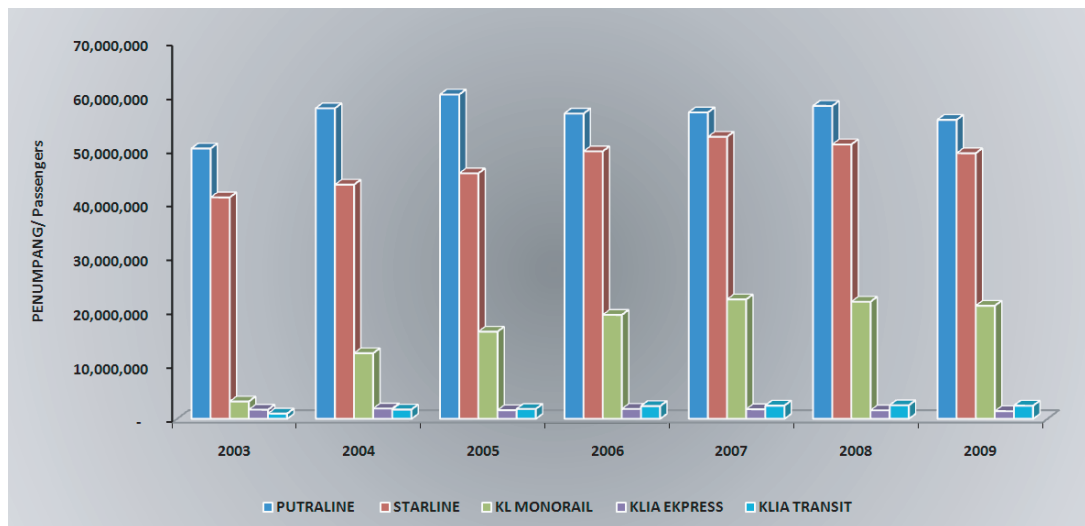
SUMBER: EKSPRES RAIL LINK SDN. BHD.

Source: *Express Rail Link Sdn. Bhd.*



CARTA 2.4: BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2003 - 2009

Chart 2.4: Number of Passengers for Light Rail Transit (LRT) Services, 2003 – 2009



SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Keretapi Tanah Melayu Berhad (KTMB)

PENGANGKUTAN
Maritime Transport

Maritim





JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009

Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2000 – 2009

BIL No	PELABUHAN Ports		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1	KELANG	EKSPORT Export	27,814	29,663	33,080	36,305	41,068	46,624	56,330	62,730	70,343	65,262
		IMPORT Import	37,463	40,487	49,191	52,583	58,843	63,035	65,674	72,784	82,005	72,353
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	65,277	70,150	82,271	88,888	99,911	109,659	122,004	135,514	152,348	137,615
2	PULAU PINANG	EKSPORT Export	9,063	8,988	9,440	9,908	10,510	10,664	9,526	12,524	10,707	10,531
		IMPORT Import	11,410	11,465	12,360	12,482	12,905	12,899	13,371	14,698	14,967	13,251
		PINDAH KAPAL Trans-shipment	3	3	4	5	5	3	-	269	325	496
		JUMLAH Total	20,476	20,456	21,804	22,395	23,420	23,566	22,897	27,491	25,999	24,278
3	JOHOR	EKSPORT Export	12,450	13,372	13,982	13,508	15,557	13,779	13,305	11,289	14,211	11,601
		IMPORT Import	12,086	13,934	15,037	14,270	15,647	14,789	14,162	17,553	15,561	13,633
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	24,536	27,306	29,019	27,778	31,204	28,568	27,467	28,842	29,772	25,234
4	KUANTAN	EKSPORT Export	3,055	3,864	4,487	4,899	5,029	5,061	6,555	6,188	5,574	6,835
		IMPORT Import	2,972	3,668	4,512	4,905	4,670	4,350	4,118	3,877	3,831	3,438
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	6,027	7,532	8,999	9,804	9,699	9,411	10,673	10,065	9,405	10,273
5	BINTULU	EKSPORT Export	22,927	22,775	22,803	26,110	30,402	32,580	31,731	31,255	34,724	33,302
		IMPORT Import	1,970	2,435	2,789	2,867	3,221	2,516	2,755	2,833	3,446	3,128
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	1,345	2,020	4,497	2,301	2,014
		JUMLAH Total	24,897	25,210	25,592	28,977	33,623	36,441	36,506	38,585	40,471	38,444

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department



JADUAL 3.1 (SAMB.) : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009
Table 3.1 (Cont'd) : Total Cargo Throughput by Ports, Malaysia, 2000 – 2009

BIL No	PELABUHAN Ports		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
6	TANJUNG BRUAS	EKSPORT Export	77	28	52	90	21	8	7	-	14	25
		IMPORT Import	741	651	656	618	723	442	399	606	543	437
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	818	679	708	708	744	450	406	606	557	463
7	KUCHING	EKSPORT Export	1,398	1,485	1,611	1,659	1,984	1,979	1,977	2,343	2,136	1,815
		IMPORT Import	3,903	3,883	4,372	5,151	5,107	5,488	5,204	5,272	5,347	5,077
		PINDAH KAPAL Trans-shipment	-	-	-	-	36	22	22	32	68	-
		JUMLAH Total	5,301	5,368	5,983	6,810	7,127	7,489	7,203	7,647	7,551	6,892
8	MIRI	EKSPORT Export	5,580	5,301	5,253	5,643	4,868	4,589	5,246	6,318	6,155	5,028
		IMPORT Import	453	512	439	524	460	457	369	521	684	605
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	6,033	5,813	5,692	6,167	5,328	5,046	5,615	6,839	6,839	5,633
9	RAJANG	EKSPORT Export	4,431	3,888	3,528	3,410	3,372	3,376	3,476	3,433	3,404	3,191
		IMPORT Import	1,151	1,164	1,163	1,249	1,289	1,347	1,357	1,540	1,604	1,546
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	5,582	5,052	4,691	4,659	4,661	4,723	4,833	4,973	5,008	4,737
10	SABAH	EKSPORT Export	10,849	10,482	11,191	12,673	14,147	15,857	16,902	16,493	16,493	14,095
		IMPORT Import	7,225	7,347	7,827	9,388	10,499	10,317	11,238	12,660	12,660	10,675
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	18,074	17,829	19,018	22,061	24,646	26,174	28,140	29,153	29,153	24,770

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



JADUAL 3.1 (SAMB.) : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009

Table 3.1 (Cont'd) : Total Cargo Throughput by Ports, Malaysia, 2000 – 2009

BIL No	PELABUHAN Ports		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
11	PORT DICKSON	EKSPORT Export	2,516	3,343	3,510	4,548	3,611	3,293	6,797	4,302	3,047	3,072
		IMPORT Import	5,313	9,499	9,085	8,574	11,031	8,808	5,250	8,493	8,810	10,976
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	7,829	12,842	12,595	13,122	14,642	12,101	12,047	12,795	11,857	14,048
12	KEMAMAN	EKSPORT Export	969	908	883	1,272	1,502	1,421	1,141	1,806	1,713	1,834
		IMPORT Import	1,186	1,146	597	1,716	1,856	1,599	2,147	1,992	2,200	1,889
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	2,155	2,054	1,480	2,988	3,358	3,020	3,288	3,798	3,913	3,723
13	TELUK EWA	EKSPORT Export	2,701	3,087	2,971	3,091	2,986	3,046	3,185	3,208	3,379	3,381
		IMPORT Import	466	502	516	535	610	537	573	555	744	637
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	3,167	3,589	3,487	3,626	3,596	3,583	3,758	3,763	4,123	4,019
14	TANJUNG PELEPAS	EKSPORT Export	64	799	1,366	1,879	2,252	2,537	2,854	2,926	3,349	3,322
		IMPORT Import	50	392	481	542	638	627	728	754	1,378	1,312
		PINDAH KAPAL Trans-shipment	4,411	27,857	37,048	47,413	54,188	56,357	65,194	80,009	83,212	85,813
		JUMLAH Total	4,525	29,048	38,895	49,834	57,078	59,521	68,776	83,689	87,939	90,447
	JUMLAH BESAR Grand Total	EKSPORT Export	103,894	107,983	114,157	124,995	137,309	144,814	159,032	164,813	175,249	163,295
		IMPORT Import	86,389	97,085	109,025	115,404	127,309	127,211	127,354	144,138	153,780	138,957
		PINDAH KAPAL Trans-shipment	4,414	27,860	37,052	47,418	54,229	57,727	67,236	84,807	85,906	88,323
		JUMLAH Total	194,697	232,928	260,234	287,817	319,037	329,752	353,613	393,760	414,935	390,576

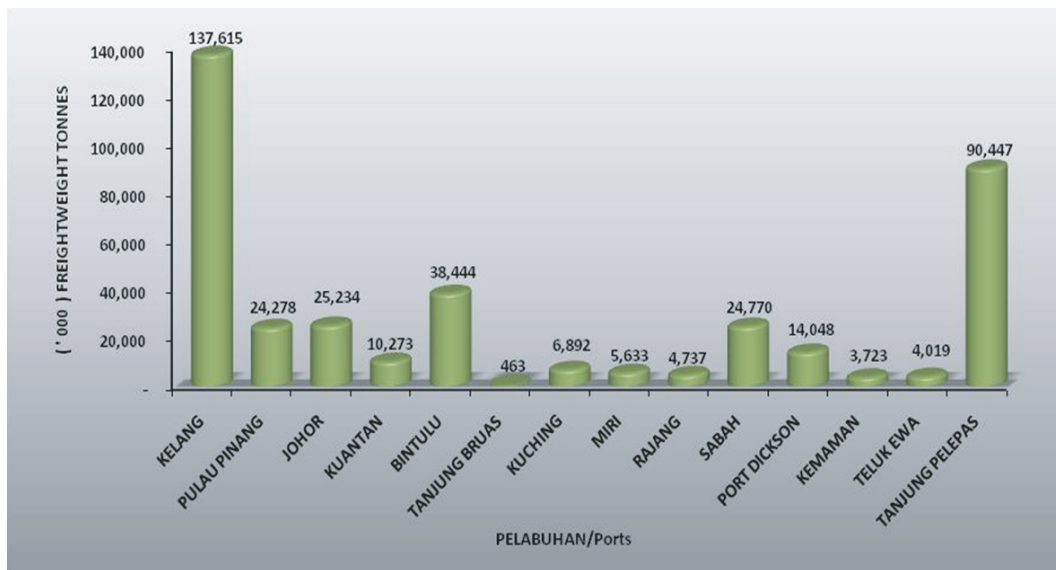
SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department



CARTA 3.1:
Chart 3.1:

JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2009
Total Cargo Throughput by Ports, Malaysia, 2009



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



JADUAL 3.2: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2009

Table 3.2: Total Cargo Throughput by Ports and Type, Malaysia, 2009

PELABUHAN Ports	PUKAL KERING Dry Bulk		PUKAL CECAIR Liquid Bulk		CARGO 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	4,387	560	4,091	1,685	4,067	3,543	18,333	119,282	137,615
PULAU PINANG	331	2,708	557	3,471	871	665	8,603	15,675	24,278
JOHOR	4,343	-	9,555	255	612	950	15,715	9,519	25,234
KUANTAN	2,401	226	3,373	767	1,493	420	8,681	1,592	10,273
BINTULU	1,572	268	26,379	3,645	2,433	418	34,714	3,730	38,444
TANJUNG BRUAS	162	-	-	18	283	-	463	-	463
KUCHING	373	3	552	393	594	879	2,795	4,097	6,892
MIRI	807	-	2,380	1,084	579	155	5,005	628	5,633
RAJANG	2,829	97	-	439	51	87	3,503	1,234	4,737
SABAH	n.a	n.a	n.a	n.a	n.a	n.a	22,125	2,645	24,770
PORT DICKSON	2,266	16	6,275	5,489	-	1	14,048	-	14,048
KEMAMAN	1,311	-	1,920	30	426	36	3,723	-	3,723
TELOK EWA	3,381	577	-	60	-	-	4,019	-	4,019
TANJUNG	-	-	-	-	-	-	-	90,447	90,447
JUMLAH Total	24,164	4,455	55,082	17,336	11,409	7,155	141,727	248,849	390,576

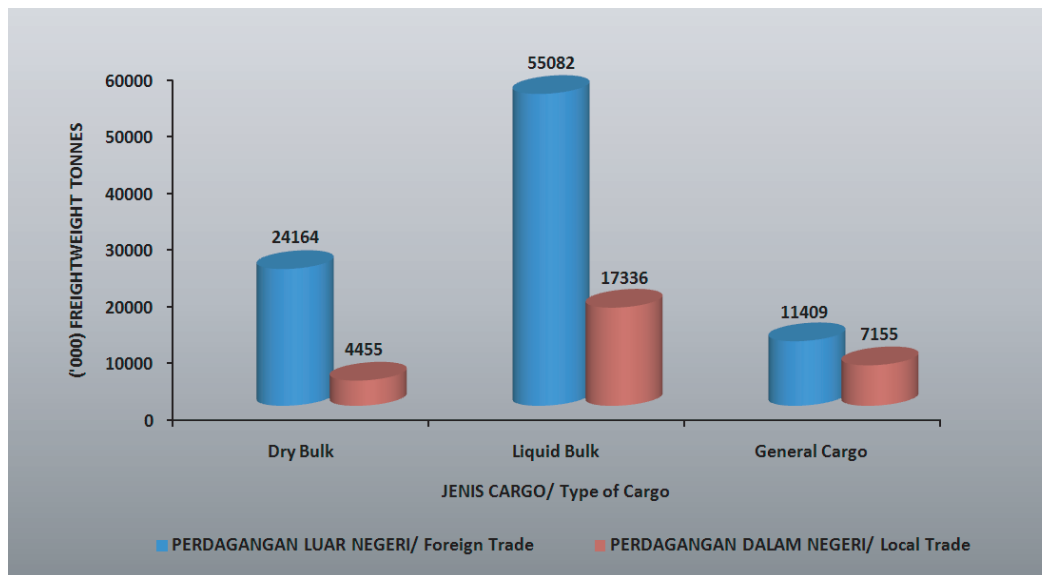
SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



CARTA 3.2: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2009

Chart 3.2: Total Container Throughput by Ports, Malaysia, 2009



SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



JADUAL 3.3:

BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2009

Table 3.3:

Commodities Loaded by Ports and Type, Malaysia, 2009

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 WAJAK 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	1,425	473	-	16	-	40	2	7	972	124	6	57	932	61,207	65,262
PULAU PINANG	280	7	-	-	-	7	-	-	513	216	-	-	-	9,509	10,531
JOHOR	3,218	426	607	-	-	11	-	-	92	497	-	-	-	6,750	11,601
KUANTAN	1,426	165	15	-	-	120	-	-	1,084	820	-	-	1,003	2,204	6,835
BINTULU	1,867	215	4,465	22,239	406	1,193	1,116	-	-	16	-	82	-	1,703	33,302
TANJUNG BRUAS	-	-	1	-	-	-	-	-	-	-	-	-	-	24	25
KUCHING	258	-	2	-	-	292	-	16	66	64	52	-	-	1,065	1,815
MIRI	-	-	3,361	-	-	499	808	-	16	1	-	-	-	343	5,028
RAJANG	-	-	39	-	-	1,574	1,412	-	-	-	9	-	-	157	3,191
SABAH	6,201	615	-	-	-	407	427	-	7	51	64	52	-	6,271	14,095
PORT DICKSON	-	-	3,049	-	23	-	-	-	-	-	-	-	-	-	3,072
KEMAMAN	-	-	132	-	1,043	-	-	-	346	-	-	-	77	236	1,834
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	3,381	-	-	3,381
TANJUNG PELEPAS	316	-	0	-	-	-	-	-	44	36	28	-	-	2,898	3,322
JUMLAH Total	14,990	1,901	11,671	22,255	1,473	4,144	3,765	23	3,140	1,825	159	3,573	2,012	92,366	163,295

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



JADUAL 3.4:
Table 3.4:

BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2009
Commodities Unloaded by Ports and Type, Malaysia, 2009

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	299	1,781	3,358	1,786	384	1,216	66	-	-	147	322	62,994	72,353
PULAU PINANG	241	35	283	625	1,020	-	245	-	-	-	-	10,803	13,251
JOHOR	1,341	2,090	386	491	-	1,957	-	-	-	1,573	-	5,794	13,633
KUANTAN	200	984	506	-	-	1,006	-	-	-	27	-	715	3,438
BINTULU	33	959	-	-	-	274	-	-	-	416	-	1,446	3,128
TANJUNG BRUAS	-	-	243	144	-	-	-	-	-	-	-	51	437
KUCHING	-	686	371	466	114	135	101	68	20	20	467	2,630	5,077
MIRI	-	185	34	-	4	2	63	11	10	-	111	185	605
RAJANG	-	425	79	85	25	51	133	19	11	-	209	509	1,546
SABAH	146	2,156	423	-	61	877	116	36	7	893	134	5,826	10,675
PORT DICKSON	-	8,692	-	-	-	-	-	-	-	-	-	2,284	10,976
KEMAMAN	-	-	25	-	-	-	-	-	-	-	-	1,863	1,889
TELOK EWA	-	-	-	-	-	60	-	-	-	-	-	577	637
TANJUNG	1	0	194	-	-	51	-	20	43	-	185	818	1,312
JUMLAH Total	2,260	17,992	5,902	3,596	1,608	5,629	724	154	92	3,076	1,428	96,495	138,957

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



JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009
Table 3.5 : Total Container Throughput by Ports, Malaysia, 2000 - 2009

BIL No	PELABUHAN Ports		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1	KELANG	EKSPORT Export	1,568,436	1,846,532	2,232,561	2,373,299	1,234,229	1,276,661	1,387,625	1,474,193	1,598,544	1,478,354
		IMPORT Import	1,638,317	1,912,980	2,300,650	2,467,936	1,294,269	1,342,901	1,403,946	1,527,893	1,629,977	1,515,743
		PINDAH KAPAL Trans-shipment	-	-	-	-	2,715,095	2,923,965	3,554,724	4,116,628	4,745,058	4,315,682
		JUMLAH Total	3,206,753	3,759,512	4,533,211	4,841,235	5,243,593	5,543,527	6,346,295	7,118,714	7,973,579	7,309,779
2	PULAU PINANG	EKSPORT Export	331,780	315,263	337,082	362,411	403,938	372,576	422,216	488,254	487,049	450,999
		IMPORT Import	304,000	289,031	296,960	325,760	368,086	357,213	406,492	410,282	401,727	444,530
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	65,500	21,022	27,455	28,855	62,947
		JUMLAH Total	635,780	604,294	634,042	688,171	772,024	795,289	849,730	925,991	917,631	958,476
3	JOHOR	EKSPORT Export	381,832	412,111	407,900	454,426	497,228	382,675	410,422	421,045	400,849	367,368
		IMPORT Import	277,349	226,607	275,916	296,040	308,461	323,331	335,335	363,672	374,281	334,140
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	136,297	134,854	142,567	159,637	143,348
		JUMLAH Total	659,181	638,718	683,816	750,466	805,689	842,303	880,611	927,284	934,767	844,856
4	KUANTAN	EKSPORT Export	31,188	38,946	46,865	55,476	62,072	61,842	64,167	65,577	64,545	66,567
		IMPORT Import	31,595	37,393	44,659	52,632	59,760	55,975	59,581	61,892	61,936	65,351
		PINDAH KAPAL Trans-shipment	-	-	-	-	913	1,250	1,086	131	580	334
		JUMLAH Total	62,783	76,339	91,524	108,108	122,745	119,067	124,834	127,600	127,061	132,252

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department



JADUAL 3.5 (SAMB.): JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009

Table 3.5 (Cont'd): Total Container Throughput by Ports, Malaysia, 2000 - 2009

BIL No	PELABUHAN Ports		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
5	BINTULU	EKSPORT Export	23,729	33,140	51,143	22,913	31,240	34,241	44,366	62,320	78,645	68,926
		IMPORT Import	23,878	32,999	52,938	18,648	27,380	29,688	37,398	50,050	72,839	66,830
		PINDAH KAPAL Trans-shipment	-	-	-	104,100	85,163	83,891	117,940	139,430	138,683	112,634
		JUMLAH Total	47,607	66,139	104,081	145,661	143,783	147,820	199,704	251,800	290,167	248,390
6	KUCHING	EKSPORT Export	53,848	53,964	56,631	67,356	68,509	68,799	73,524	78,325	82,235	76,753
		IMPORT Import	56,626	55,755	60,401	71,643	71,720	73,703	78,022	84,143	87,836	82,677
		PINDAH KAPAL Trans-shipment	-	-	-	-	998	594	848	870	1,872	1,661
		JUMLAH Total	110,474	109,719	117,032	138,999	141,227	143,096	152,394	163,338	171,943	161,091
7	MIRI	EKSPORT Export	2,719	4,634	5,826	6,373	7,217	7,442	9,001	10,405	13,555	12,095
		IMPORT Import	2,812	4,748	6,215	6,927	7,185	7,381	7,836	10,754	14,530	13,007
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	5,531	9,382	12,041	13,300	14,402	14,823	16,837	21,159	28,085	25,102
8	RAJANG	EKSPORT Export	18,444	19,336	22,669	25,454	26,477	26,799	26,652	32,823	37,698	31,679
		IMPORT Import	18,554	19,215	22,239	25,385	27,263	27,578	27,089	33,085	36,622	34,531
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	36,998	38,551	44,908	50,839	53,740	54,377	53,741	65,908	74,320	66,210

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



JADUAL 3.5 (SAMB.): JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009

Table 3.5 (Cont'd): Total Container Throughput by Ports, Malaysia, 2000 - 2009

BIL No	PELABUHAN Ports		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
9	SABAH	EKSPORT Export	-	-	-	-	104,289	103,167	112,890	130,172	145,789	137,026
		IMPORT Import	-	-	-	-	103,809	105,321	114,194	133,035	146,899	140,879
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	8,264	-	-
		JUMLAH Total	-	-	-	-	208,098	208,488	227,084	271,471	292,688	277,905
10	TANJUNG PELEPAS	EKSPORT Export	29,538	-	2,615,405	104,658	125,615	151,202	161,878	173,759	214,404	190,953
		IMPORT Import	8,001	-	53,107	43,594	42,194	40,457	44,528	51,574	97,383	105,655
		PINDAH KAPAL Trans-shipment	-	-	-	3,168,702	3,668,161	3,985,464	4,431,013	5,072,298	5,154,404	5,538,477
		JUMLAH Total	37,539	-	2,668,512	3,316,954	3,835,970	4,177,123	4,637,418	5,297,631	5,466,191	5,835,085
	JUMLAH BESAR Grand Total	EKSPORT Export	2,441,514	2,732,926	5,776,082	3,472,366	2,560,814	2,485,404	2,712,741	2,936,873	3,123,313	2,880,720
		IMPORT Import	2,361,132	2,578,728	3,113,085	3,308,565	2,310,127	2,363,548	2,514,421	2,726,380	2,924,030	2,880,720
		PINDAH KAPAL Trans-shipment	-	-	-	2,272,802	6,470,330	7,196,961	8,261,487	9,507,643	10,229,089	10,175,083
		JUMLAH Total	4,802,646	5,302,654	8,889,167	10,053,733	11,341,271	12,045,913	13,488,648	15,170,896	16,276,432	15,859,146

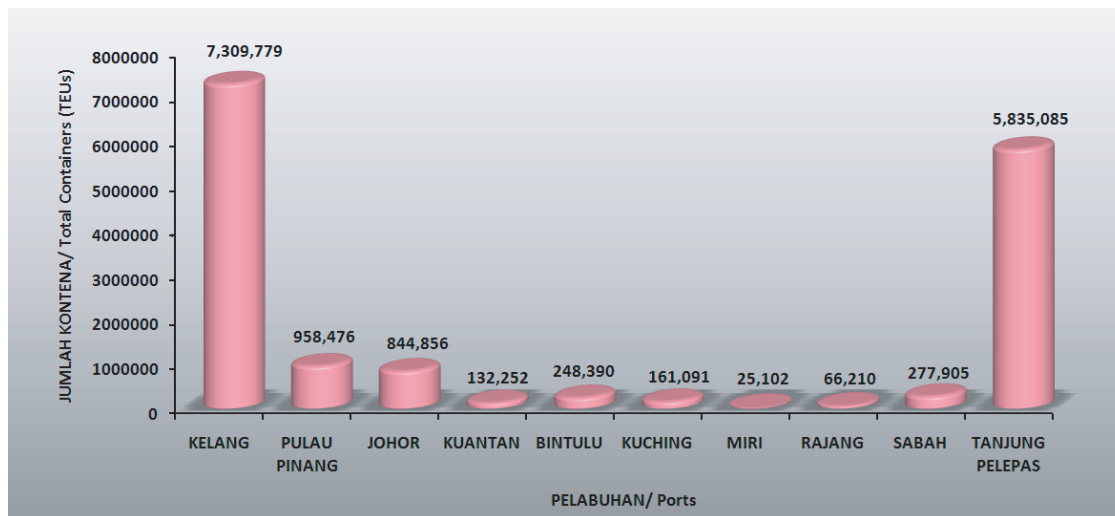
SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department



CARTA 3.3: JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2009

Chart 3.3: *Total Container Throughput by Ports, Malaysia, 2009*

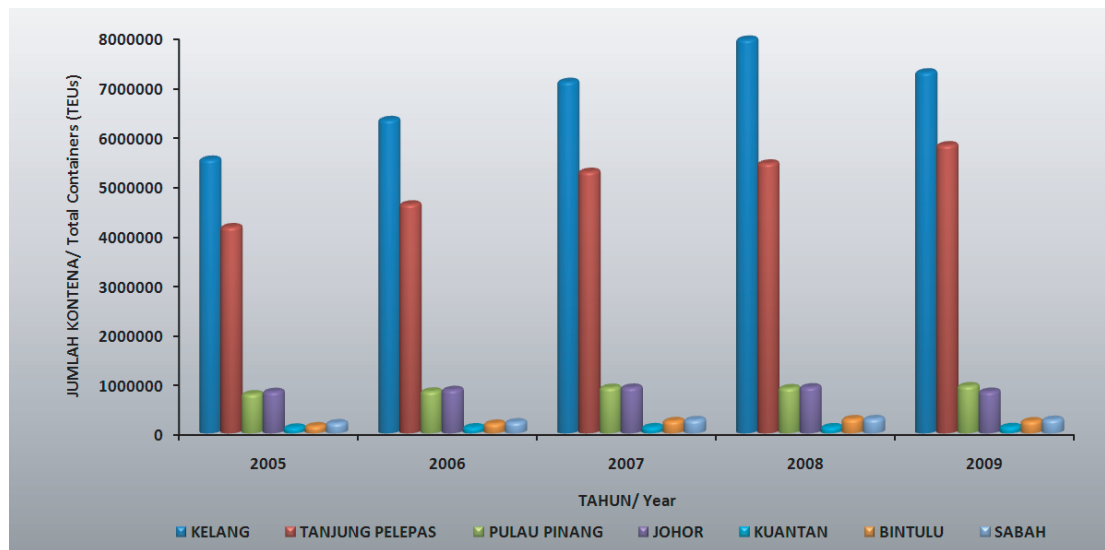


SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : *All Ports and Marine Department*

CARTA 3.4 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN TERPILIH, MALAYSIA, 2005 - 2009

Chart 3.4 : Total Container Handled By Selected Ports, Malaysia, 2005 - 2009



SUMBER : SEMUA PELABUHAN YANG DINYATAKAN DI ATAS

Source : All Ports Mentioned Above



JADUAL 3.6: JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2000 - 2009

Table 3.6: Total Number of Ships Calling by Ports, Malaysia, 2000 - 2009

PELABUHAN Ports		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
KELANG	BIL No	12,416	14,207	15,313	16,251	15,150	15,050	16,404	17,149	16,864	15,356
	GRT (' 000)	153,016	176,908	198,095	222,097	223,661	235,037	259,094	297,671	306,682	236,891
PULAU PINANG	BIL No	7,263	8,906	7,328	6,419	6,804	6,220	6,177	6,036	5,779	5,559
	GRT (' 000)	28,907	29,321	29,142	29,943	33,096	35,938	38,311	48,843	37,068	42,411
JOHOR	BIL No	6,485	6,242	6,631	6,877	6,526	6,138	6,337	6,004	5,823	5,121
	GRT (' 000)	40,737	40,929	35,688	27,840	28,705	28,910	26,916	23,637	41,037	41,348
KUANTAN	BIL No	1,677	1,855	2,067	2,280	2,382	2,195	2,324	2,375	2,315	2,447
	GRT (' 000)	14,307	14,716	15,959	17,360	15,968	15,558	17,617	15,959	15,432	18,049
BINTULU	BIL No	4,047	4,375	5,019	4,825	5,617	5,789	6,024	6,007	7,015	7,514
	GRT (' 000)	40,872	42,416	43,328	46,237	53,676	57,406	57,616	60,111	60,384	58,668
TANJUNG BRUAS	BIL No	226	169	208	162	183	149	119	159	147	115
	GRT (' 000)	882	626	1,726	614	620	409	196	571	508	406
KUCHING	BIL No	1,929	2,205	2,393	2,920	2,180	3,252	3,022	2,669	2,190	1,899
	GRT (' 000)	6,962	7,629	9,395	9,302	8,514	9,480	9,804	9,327	8,666	8,444
MIRI	BIL No	1,108	1,115	1,071	1,789	2,312	3,120	2,504	1,643	1,690	1,637
	GRT (' 000)	8,799	8,590	8,433	8,399	7,752	8,136	8,455	9,005	8,691	8,387
RAJANG	BIL No	2,484	2,386	2,229	2,090	2,006	1,996	1,881	1,727	1,692	1,690
	GRT (' 000)	10,126	9,454	9,178	8,416	8,138	8,452	8,280	7,179	6,797	6,918
SABAH	BIL No	12,768	11,687	12,095	13,993	15,006	14,940	15,505	14,456	13,540	13,227
	GRT (' 000)	33,023	31,624	33,438	34,630	34,835	36,350	37,063	35,181	35,265	33,840
PORT DICKSON	BIL No	968	1,152	1,076	1,103	1,278	1,126	1,000	1,628	1,282	1,028
	GRT (' 000)	6,421	8,924	9,316	9,810	9,970	9,218	9,500	12,591	11,640	11,560
KEMAMAN	BIL No	280	266	317	363	337	319	272	374	344	391
	GRT (' 000)	2,353	2,089	2,013	2,983	3,309	3,099	1,666	3,905	3,966	3,757
TELUK EWA	BIL No	352	32	360	368	381	535	563	597	637	633
	GRT (' 000)	2,269	210	2,423	2,440	2,402	2,438	2,509	2,509	2,592	3,028
TANJUNG PELEPAS	BIL No	682	2,283	3,483	3,148	3,193	3,128	3,261	3,747	3,760	3,776
	GRT (' 000)	5,456	18,264	19,864	25,200	25,544	25,024	26,088	29,976	30,112	30,208
JUMLAH Total	BIL No	52,685	56,880	59,590	62,588	63,355	63,957	65,393	64,571	63,078	60,393
	GRT (' 000)	354,130	391,700	417,998	445,271	456,190	475,455	503,115	556,465	568,840	503,915

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department



JADUAL 3.7: JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2009

Table 3.7: Type of Ships Calling by Ports, Malaysia, 2009

PELABUHAN Ports	PERENTAS SAMUDERA Foreign Going							PERSISIRAN Coastal						JUMLAH BESAR Grand Total
	KONTENA Container		KARGO AM General Cargo	TANKER CECAIR Liquid Tankers	PUKAL KERING Dry Bulk	LAIN - LAIN Others	JUMLAH Total	KONTENA Container	KARGO AM General Cargo	TANKER CECAIR Liquid Tankers	PUKAL KERING Dry Bulk	LAIN - LAIN Others	JUMLAH Total	
	INDUK Main Line	FEEDER Feeder												
KELANG	9,390	-	904	1,582	275	1,124	13,275	929	224	101	12	814	2,080	15,355
PULAU PINANG	-	-	783	810	141	1,064	2,798	1,491	53	202	-	1,015	2,761	5,559
JOHOR	1,562	-	558	1,875	346	-	4,341	723	57	-	-	-	780	5,121
KUANTAN	103	393	543	744	229	37	2,049	-	130	170	43	55	398	2,447
BINTULU	63	344	543	1,253	178	545	2,926	462	442	709	101	2,874	4,588	7,514
TANJUNG BRUAS	-	-	58	3	31	1	93	-	-	22	-	-	22	115
KUCHING	-	171	153	132	44	105	605	578	287	113	1	315	1,294	1,899
MIRI	-	-	250	43	183	-	476	116	905	140	-	-	1,161	1,637
RAJANG	-	30	11	-	783	-	824	-	366	144	241	115	866	1,690
SABAH	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	13,253
PORT DICKSON	-	-	-	532	65	-	597	-	2	314	-	115	431	1,028
KEMAMAN	-	-	68	274	49	-	391	-	-	-	-	-	-	391
TELOK EWA	-	-	-	-	355	69	424	-	-	52	47	110	209	633
TANJUNG PELEPAS	1,468	1,993	-	-	-	-	3,461	315	-	-	-	-	315	3,776
JUMLAH Total	12,586	2,931	3,871	7,248	2,679	2,945	32,260	4,614	2,466	1,967	445	5,413	14,905	60,418

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



JADUAL 3.8 : BILANGAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELOAN BARU)
DAN BERAT, 2005 - 2009

Table 3.8 : Number of Ships Registered In Malaysia by Type (New Classification) and Weight, 2005 - 2009

JENIS KAPAL Type of Ship	2005				2006				2007				2008				2009			
	BIL No.	GRT (' 000)	NRT (' 000)	DWT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	DWT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	DWT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	DWT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	DWT (' 000)
TANGKI MINYAK Oil Tanker	14	561	341	108	5	9	4	15	27	929	570	1,728	26	229.65	135.70	408.53	5	172	116	322
KAPAL LNG, LPG LNG, LPG Carrier	3	194	58	55	2	191	57	2	3	297	89	257	3	320.22	95.35	266.66	1	108	32	91
TANGKI KIMIA/PETROLEUM Chemical/Petroleum Tanker	7	92	37	29	-	-	-	-	4	17	8	18	13	64.63	30.02	83.71	4	24	11	35
KAPAL PUKAL, "ORE", KAYU BALAK Bulk, Grain, Ore, Log Carrier	1	47	27	10	1	13	7	19	3	31	19	5	4	34.95	20.59	187.62	-	-	-	-
KARGO AM, SEPARA KONTENA General Cargo, Semi Container	1	1	1	-	10	22	11	9	17	17	10	6	18	17.78	8.14	5.92	5	3	2	4
KAPAL PENUMPANG, AM/ PENUMPANG Passenger, General/Passenger Ship	21	4	2	23	35	2	1	-	9	9	4	-	8	1.49	0.69	-	19	1	1	-
RO-RO	1	9	3	4	1	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-
KONTENA PENUH Full Container	4	23	12	14	5	118	68	95	4	106	62	124	4	26.09	12.69	21.19	-	-	-	-
"ANCHOR HANDLING, STANDBY SUPPLY"	30	41	12	148	16	21	6	433	16	16	5	2	41	53.89	16.43	4.64	13	12	4	3
BARJ Barge	55	84	26	12	62	119	36	4	95	151	47	17	100	174.59	56.14	16.81	33	82	26	48
"LANDING CRAFT"	7	4	1	5	8	5	2	-	10	12	4	7	7	4.80	1.44	-	7	4	1	2
"TUG BOAT"	58	12	4	90	68	14	4	1	83	16	5	1	95	19.55	5.79	1.70	33	7	2	2
"FISHING VESSEL"	18	2	1	8	21	2	1	-	29	5	2	-	9	1.30	0.51	-	2	0	0	-
"PLEASURE CRAFT"	3	-	-	2	3	-	-	-	4	-	-	-	1	0.03	0.01	0.00	-	-	-	-
KAPAL KERAJAAN Government Ship	-	-	-	-	-	-	-	-	-	-	-	-	5	0.70	0.21	-	-	-	-	-
LAIN-LAIN Others	60	284	155	81	47	170	82	102	91	467	271	706	121	352.40	151.95	332.24	30	113	47	136
JUMLAH Total	283	1,358	680	589	284	695	282	682	395	2,073	1,096	2,871	455	1,302.06	535.66	1,329.01	152	526	241	643

SUMBER : JABATAN LAUT MALAYSIA
Source : Marine Department Malaysia



JADUAL 3.9 : JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELASAN BARU) DAN BERAT, 2005 - 2009

Table 3.9 : Total of Ships Registered In Malaysia by Type (New Classification) and Weight, 2005 - 2009

JENIS KAPAL Type of Ship	2005				2006				2007				2008				2009			
	BIL No.	GRT ('000)	NRT ('000)	DWT ('000)	BIL No.	GRT ('000)	NRT ('000)	DWT ('000)	BIL No.	GRT ('000)	NRT ('000)	DWT ('000)	BIL No.	GRT ('000)	NRT ('000)	DWT ('000)	BIL No.	GRT ('000)	NRT ('000)	DWT ('000)
TANGKI MINYAK Oil Tanker	178	1,800	1,028	3,075	172	1,733	992	2,964	193	2,645	1,552	4,670	197	2,417	1,424	4,244	205	2,572	1,522	4,552
KAPAL LNG, LPG LNG, LPG Carrier	45	1,642	502	1,198	46	1,832	559	1,365	47	2,128	648	1,622	49	2,448	743	1,889	47	2,543	771	1,972
TANGKI KIMIA/PETROLEUM Chemical/Petroleum Tanker	35	549	242	860	27	506	222	786	30	518	227	797	41	537	227	796	52	680	293	1,007
KAPAL PUKAL, "ORE", KAYU BALAK Bulk, Grain, Ore, Log Carrier	26	447	256	721	23	389	223	632	23	388	224	582	23	373	215	703	21	346	203	514
KARGO AM, SEPARA KONTENA General Cargo, Semi Container	478	619	343	227	485	601	330	230	505	614	338	233	508	594	325	232	512	619	338	404
KAPAL PENUMPANG, AM/ PENUMPANG Passenger, General/Passenger Ship	335	46	17	5	357	47	17	4	340	55	21	5	331	54	21	4	332	55	21	4
RO-RO	15	107	38	42	13	91	30	34	11	72	24	27	11	72	24	27	10	61	20	23
KONTENA PENUH Full Container	58	723	345	812	54	683	344	738	55	768	398	832	56	782	405	843	57	787	410	854
"ANCHOR HANDLING, STANDBY SUPPLY"	164	112	36	58	170	117	36	58	184	133	41	60	195	159	49	46	218	177	54	51
BARJ Barge	1,273	1,123	463	751	1,293	1,188	484	699	1,383	1,311	522	693	1,403	1,360	538	650	1,441	1,474	572	729
"LANDING CRAFT"	81	32	11	10	82	34	12	6	91	45	15	13	95	49	16	13	103	53	17	16
"TUG BOAT"	783	106	29	7	817	113	31	6	888	126	35	6	926	134	38	8	966	145	41	10
"FISHING VESSEL"	36	6	2	2	50	8	2	2	69	11	4	2	76	12	4	2	89	15	5	2
"PLEASURE CRAFT"	51	3	2	-	52	3	2	-	55	3	2	-	53	3	1	-	52	3	2	0
KAPAL KERAJAAN Government Ship	37	6	2	-	37	6	2	432	37	6	2	-	41	7	3	-	43	7	3	0
LAIN-LAIN Others	262	636	283	657	292	650	255	470	380	1,099	508	1,175	447	1,267	571	1,256	529	1,657	747	1,455
JUMLAH Total	3,857	7,957	3,599	8,425	3,970	8,001	3,541	8,426	4,291	9,922	4,561	10,717	4,452	10,268	4,604	10,713	4,677	11,194	5,017	11,594

SUMBER : JABATAN LAUT MALAYSIA

Source : Marine Department Malaysia



JADUAL 3.10 :

JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2005 - 2009

Table 3.10 :

Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLBI), 2005 - 2009

JENIS KARGO Type of Cargo	2005		2006		2007		2008		2009	
	DAFTARAN MALAYSIA Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Registered	DAFTARAN ASING Foreign Registered
KARGO KERING Dry Bulk	1,146	135	788	88	852	158	899	104	864	45
KELAPA SAWIT Palm Oil	54	97	29	127	6	92	25	120	15	73
PETROLUUM / DIESEL Petroleum / Diesel	124	203	137	247	117	252	155	254	195	370
PENUMPANG Passenger	126	27	110	46	134	53	137	49	144	57
KONTENA Container	54	7	66	12	86	16	78	20	73	26
KIMIA Chemical	10	116	9	108	31	129	11	112	28	139
KHIDMAT TUNDA Towing Services	378	263	399	445	391	542	504	629	507	590
PERALATAN KERJA CARI GALI Exploration Work Equipment	35	273	34	200	22	137	36	382	100	417
KENDERAAN / RO-RO Vehicle / Ro-ro	0	0	13	0	6	1	6	0	10	0
BAHAN BINAAN Construction Material	0	0	46	47	46	122	39	146	45	163
KAYU BALAK Log Wood	0	0	221	1	240	0	242	0	235	0
SIMEN KLINKER Clinker Cement	0	0	1	40	0	49	1	58	0	41
LAIN - LAIN Others	95	503	107	497	160	581	188	377	142	324
JUMLAH Total	2,022	1,624	1,960	1,858	2,091	2,132	2,321	2,251	2,358	2,245

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

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



JADUAL 3.11 : JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2005 - 2009

Table 3.11: Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLBB), 2005 – 2009

JENIS KARGO Type of Cargo	2005		2006		2007		2008		2009	
	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered
SEMENTARA Temporary	105	1,624	234	0	202	2,132	221	2,251	205	2,245
BERSYARAT Conditional	1,653	0	1,623	0	1,663	0	1,804	0	1,874	0
TANPA SYARAT Unconditional	264	0	103	1,858	226	0	296	0	279	0
JUMLAH Total	2,022	1,624	1,960	1,858	2,091	2,132	2,321	2,251	2,358	2,245

SUMBER : LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), KEMENTERIAN PENGANGKUTAN
Source : Domestic Shipping Licensing Board (DSLBB), Ministry of Transport

PENGANGKUTAN
Air Transport

UDARA





JADUAL 4.1 :

Table 4.1 :

KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2009

International Airport Facilities, Malaysia, 2009

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
KLIA	CAT IX	4124M X60M(32R/14L) 4056X60M(32L/14R)	PCN 100 F/C/W/T	24 hrs	B747	2 X ILS/DME. VOR/DME, 2 X NDB 2 X LCTR , APP. RADAR
JOHOR	CAT VIII	3800m x 45m	PCN 59 F/B/X/U	2230 - 0600z	A380	ILS/LLZ/VOR/NDB/DME
PULAU PINANG	CAT IX	3352 m X45 m	PCN 105 F/B/X/U	24 hrs	B747	DVOR, LCTR
LANGKAWI	CAT VII	3810 m X45 m	PCN 77/F/C/W/T	2300 - 1500 UTC	B747	ILS/LLZ, DVOR GP/DME, NDB
KUCHING	CAT VII (required)& VIII(available)	3780 X45 m	PCN 59 F/B/X/U	24 hrs	B747	ILS/LLZ. GP/DME, NDB DVOR/DME
KOTA KINABALU	CAT VIII	3780 X45 m	PCN 59 F/B/X/U	24 hrs	B747	ILS/DME, VOR/DME, LCTR

SUMBER: MALAYSIA AIRPORTS HOLDINGS BERHAD

Source: Malaysia Airports Holdings Berhad



JADUAL 4.2: KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2009

Table 4.2: Domestic Airport Facilities, Malaysia, 2009

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 & PEMALIHAN UDARA Radio and Air Navigational Aids
ALOR SETAR	CAT VI	2745 m X 46 m	PCN 96/F/C/X/T	2230 1430 UTC	AIRBUS	DVOR/DME , NDB
KOTA BHARU	CAT VI	1981m X46 m	PCN 51/F/A/W/T	2200 - 1530 UTC	AIRBUS	NDB,DVOR/DME
KUANTAN	CAT VII	2804 m X 46 m	LCN 48	2230 - 1230 UTC	AIRBUS	GP/DME, VOR/TACAN, ILS/LLZ
KERTEH	n.a	n.a	n.a	n.a	n.a	n.a
IPOH	CAT VI	1798m X 37 m	LCN 66	2300 - 1300 UTC	B737	VOR/DME ,ILS/LLZ, GP/DME,L
MELAKA	CAT IV	1800 m X 37 m	LCN 42	2300 - 1100 UTC	A320	NDB , DVOR/DME,L
KUALA TERENGGANU	CAT IX	3480m X45m	PCN 75	2300 - 1400 UTC	B747(HAJ FLT)	DVOR / DME , LCTR ,ILS
SUBANG	CAT VII	3780 m x 45m	PCN 59/F/B/X/U	24 HOURS	B747	ILS/LLZ,GP/DME,L,NDB DVOR/DME
PULAU TIOMAN	Fire ext.	992 X30	n.a	0900-1700	DASH 7	n.a
BINTULU	CAT VI	2745 m X 60 m	PCN 79/F/C/X/T	2200 - 1400 UTC	B747,AIRBUS	ILS/LLZ,GP/DME,DVOR, DVOR/ME, NDB
MIRI	CAT VI	2745m X 60m	PCN 79/F/C/X/T	2200 - 1500 UTC	AIRBUS,B747(landing)	ILS/LLZ,GP/DME, DVOR.
SIBU	CAT VI	1981m X 45 m	PCN 32 F / B / X / T	2230 - 1330 UTC	B734	ILS/DME , VOR/DME,NDB
LAHAD DATU	CAT IV	1371m X 30 m	LCN 20	0000 - 0900 UTC	F50	LCTR
LABUAN	CAT VII	2745m X 60 m	PCN 56F/B/X/U	2300 - 1430 UTC	A330	NVOR/LCTR,ILS
SANDAKAN	CAT VI	2133 m X 46 m	LCN 90	2200 - 1400 UTC	AIRBUS	ILS/LLZ,GP/DME,NDB, DVOR/DME
TAWAU	CAT VI	2683 m X 45m	PCN 69/F / C / W / T	2300 - 1400 UTC	AIRBUS	DVOR/ DME/NDB / LOCALIZER
MUKAH	Fire ext.	1097 X 23	n.a	0630-1830	DHC-6 T/ Otter	n.a
MARUDI	Fire ext.	914 X 24	n.a	0630-1830	DHC-6 T/ Otter	n.a
MULU	Portable Form type fore extr	1450m X 30m	n.a	Dawn to 1600	F50	n.a

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad



JADUAL 4.3 : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2009

Table 4.3 : Airstrips Facilities, Malaysia, 2009

PADANG TERBANG Airstrip	LAPANGAN/LEBAR LANDASAN Runway Length/ Width (m)	KEUPAYAAN LANDASAN Load Classification Number	WAKTU BEROPERASI Hours of Operation	PENDARATAN PESAWAT TERBESAR Biggest Aircraft Landed	SISTEM PERHUBUNGAN & PEMALIMAN UDARA Radio and Air Navigational Aids
SEMENANJUNG MALAYSIA Peninsular Malaysia					
SITIAWAN	n.a	n.a	n.a	n.a	n.a
MERSING	n.a	n.a	n.a	n.a	n.a
BIDOR	n.a	n.a	n.a	n.a	n.a
BAKRI/MUAR	n.a	n.a	n.a	n.a	n.a
SEGAMAT	n.a	n.a	n.a	n.a	n.a
SUNGAI TIANG	n.a	n.a	n.a	n.a	n.a
PULAU PANGKOR	792 X 30	n.a	0001 - 0900 UTC	n.a	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	670 X 23	n.a	0800-1700	DHC-6 T/ Otter	n.a
LIMBANG	1500m X30m	PCN15/F/C/W/T	2230 - 1030 UTC	F50	DVOR /DME
LAWAS	578 X18	n.a	0630-1830	DHC-6 T/ Otter	n.a
BELAGA	427 X 18	n.a	sunrise to s/set	DHC-6 T/ Otter	n.a
KAPIT	427 X 18	n.a	sunrise to s/set	DHC-6 T/ Otter	n.a
BAKELALAN	762 X 23	n.a	0630-1830	DHC-6 T/ Otter	n.a
LONG LELLANG	762 X 23	n.a	0800-1700	DHC-6 T/ Otter	n.a
LONG SEMADO	549 X23	n.a	0800-1700	DHC-6 T/ Otter	n.a
LONG SERIDAN	457X17	n.a	0800-1700	DHC-6 T/ Otter	n.a
LONG BANGA	550 X 18	n.a	0800-1700	DHC-6 T/ Otter	n.a
MARUDI	914 X 24	n.a	0630-1830	DHC-6 T/ Otter	n.a

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad



JADUAL 4.3 (SAMB.):
Table 4.3 (Cont'd):

KEMUDAHAN PADANG TERBANG, MALAYSIA, 2009
Airstrips Facilities, Malaysia, 2009

PADANG TERBANG Airstrip	LAPANGAN/LEBAR LANDASAN Runway Length/ Width (m)	KEUPAYAAN LANDASAN Load Classification Number	WAKTU BEROPERASI Hours of Operation	PENDARATAN PESAWAT TERBESAR Biggest Aircraft Landed	SISTEM PERHUBUNGAN & PEMALIMAN UDARA Radio and Air Navigational Aids
SABAH					
KUDAT	730 X 18	AUW 6123kg	sunrise to s/set	DHC-6 T/ Otter	n.a
PAMOL	n.a	n.a	n.a	n.a	n.a
SEMPORNA	609 X 24	n.a	sunrise to s/set	DHC-6 T/ 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 X23	n.a	sunrise to s/set	DHC-6 T/ Otter	n.a
KUALA PENYU	n.a	n.a	n.a	n.a	n.a
SEPULOT	n.a	n.a	n.a	n.a	n.a
SAHABAT	n.a	n.a	n.a	n.a	n.a
TOMMANGGONG	n.a	n.a	n.a	n.a	n.a
TELUPID	n.a	n.a	n.a	n.a	n.a
KELABAKAN	n.a	n.a	n.a	n.a	n.a
HUNTER (MOROTAI)	n.a	n.a	n.a	n.a	n.a
KUALA KAHABA	n.a	n.a	n.a	n.a	n.a
KUALA MEDAMIT	n.a	n.a	n.a	n.a	n.a
MARAK-MARAK	n.a	n.a	n.a	n.a	n.a
MERIDI	n.a	n.a	n.a	n.a	n.a
NANGO	n.a	n.a	n.a	n.a	n.a
PARAMUDU	n.a	n.a	n.a	n.a	n.a
ULU TOMANI	n.a	n.a	n.a	n.a	n.a
WALLACE BAY	n.a	n.a	n.a	n.a	n.a

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad



JADUAL 4.4 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2000 - 2009

Table 4.4: *Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2000 - 2009*

LAPANGAN TERBANG Airports	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
KLIA	14,732,876	14,538,831	16,398,230	17,454,564	21,058,572	23,213,926	24,129,748	26,453,379	27,245,269	29,398,483
PULAU PINANG	2,740,505	2,558,999	2,508,693	2,334,669	2,987,993	2,834,545	3,103,772	3,173,117	3,405,067	3,322,114
KOTA KINABALU	3,092,326	3,036,196	3,256,212	3,302,366	3,918,201	3,975,136	4,015,221	4,399,939	4,557,039	4,765,880
KUCHING	2,545,080	2,693,903	2,935,052	2,923,633	3,317,879	3,354,973	3,196,352	3,236,468	3,165,791	3,520,402
LANGKAWI	958,066	829,498	712,988	726,817	845,276	830,334	934,024	1,122,911	1,196,405	1,358,506
JOHOR BHARU	1,026,729	998,693	874,278	-	-	1,246,834	1,308,386	1,324,952	1,389,327	1,314,646
KOTA BHARU	512,834	506,632	534,959	589,950	639,871	635,397	678,306	759,316	836,060	1,003,162
IPOH	148,095	131,730	132,314	115,286	103,123	74,451	64,711	814	5,376	21,937
KUALA TERENGGANU	343,186	355,063	309,202	394,240	435,620	419,475	398,252	430,800	486,406	523,619
ALOR SETAR	311,224	306,514	287,465	353,778	346,502	323,669	292,549	291,006	307,564	421,314
MELAKA	13,917	9,171	7,438	31,108	46,692	27,683	18,509	27,209	23,751	18,576
SUBANG	2,100,727	1,955,688	1,130,169	72,491	90,593	83,602	83,502	95,583	307,747	819,840
KUANTAN	419,441	433,270	388,746	351,179	349,375	298,184	273,005	262,486	258,537	226,912
TIOMAN	74,762	83,358	64,067	56,900	57,957	54,054	57,559	46,260	48,767	49,057
PANGKOR	6,498	8,999	8,811	6,095	10,247	11,193	9,866	8,906	8,132	7,617
REDANG	-	-	-	-	20,750	30,650	28,928	33,738	34,957	28,246
LABUAN	558,877	619,260	635,458	696,961	686,103	642,582	575,684	535,294	509,653	446,848
LAHAD DATU	102,492	104,270	108,151	107,914	117,584	116,973	108,697	77,024	99,983	98,558
SANDAKAN	452,824	449,679	449,613	497,999	574,213	621,513	633,194	626,192	616,281	662,820
TAWAU	464,784	472,301	495,462	551,168	620,847	680,901	660,331	736,646	768,967	866,601
BINTULU	352,154	384,201	422,715	427,894	464,576	487,077	449,673	381,158	400,707	460,217
MIRI	1,049,561	1,159,832	1,292,004	1,377,312	1,509,684	1,594,855	1,559,379	1,454,167	1,536,954	1,614,736
SIBU	657,375	725,449	759,704	817,687	903,108	920,930	898,923	809,955	827,797	927,082
MULU	31,016	36,601	44,371	41,280	54,767	52,914	48,825	37,463	43,652	49,255
LIMBANG	71,526	76,642	77,821	83,459	96,209	105,652	89,814	50,107	49,179	45,512
STOL SABAH	6,809	6,850	6,896	6,945	7,099	6,009	5,933	1,942	3,315	-
STOL SARAWAK	130,735	155,339	173,123	165,704	167,805	173,956	153,199	134,079	138,998	144,323
SEMANANJUNG Peninsular	23,388,860	22,716,446	23,357,360	22,487,077	26,992,571	30,083,997	31,381,117	34,030,477	35,553,365	38,514,029
SABAH	4,678,112	4,688,556	4,951,792	5,163,353	5,924,047	6,043,114	5,999,060	6,377,037	6,555,238	6,840,707
SARAWAK	4,837,447	5,231,967	5,704,790	5,836,969	6,514,028	6,690,357	6,396,165	6,103,397	6,163,078	6,761,527
JUMLAH Total	32,904,419	32,636,969	34,013,942	33,487,399	39,430,646	42,817,468	43,776,342	46,510,911	48,271,681	52,116,263

SUMBER: MALAYSIA AIRPORTS HOLDINGS BERHAD

Source: *Malaysia Airports Holdings Berhad*



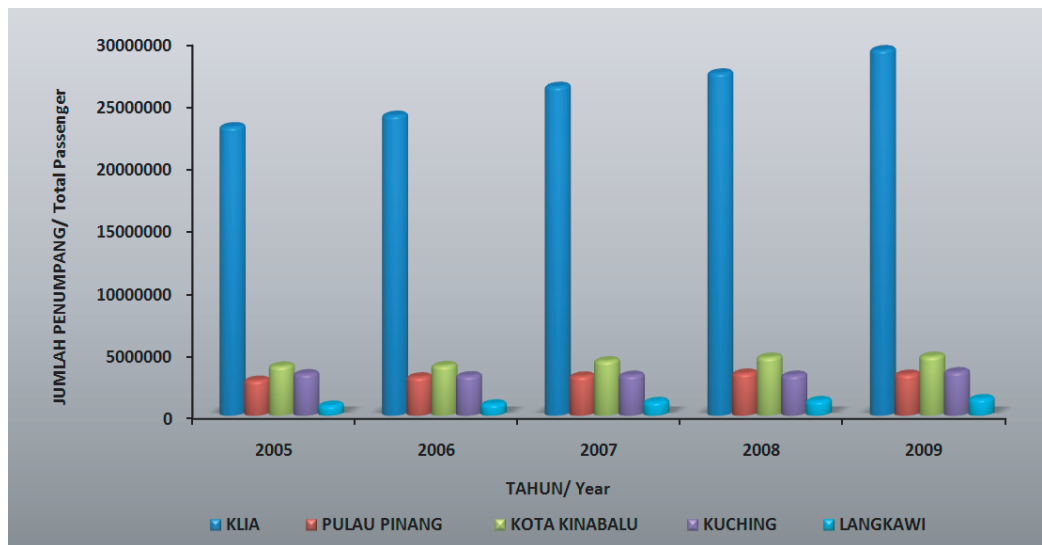
JADUAL 4.5 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2009
Table 4.5 : Total Passengers Handled by Airports, Malaysia, 2009

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			TRANSIT Transit			JUMLAH Total		
	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	DALAM NEGERI Domestic	ANTARA- BANGSA International	JUMLAH Total	2009	2008	% +/-
KLIA	5,044,578	4,952,233	9,996,811	9,617,629	9,784,043	19,401,672	14,662,207	14,736,276	29,398,483	-	283,610	283,610	29,682,093	27,529,355	7.8%
PULAU PINANG	921,785	929,712	1,851,497	719,636	750,981	1,470,617	1,641,421	1,680,693	3,322,114	1,408	1,901	3,309	3,325,423	3,405,762	-2.4%
KOTA KINABALU	1,848,377	1,858,939	3,707,316	530,530	528,034	1,058,564	2,378,907	2,386,973	4,765,880	66,584	36,062	102,646	4,868,526	4,689,164	3.8%
KUCHING	1,564,921	1,570,183	3,135,104	191,767	193,531	385,298	1,756,688	1,763,714	3,520,402	48,395	5,835	54,230	3,574,632	3,238,614	10.4%
LANGKAWI	591,674	608,668	1,200,342	77,761	80,403	158,164	669,435	689,071	1,358,506	427	338	765	1,359,271	1,196,956	13.6%
JOHOR BHARU	573,391	600,823	1,174,214	67,138	73,294	140,432	640,529	674,117	1,314,646	-	-	-	1,314,646	1,389,327	-5.4%
KOTA BHARU	490,927	512,235	1,003,162	-	-	-	490,927	512,235	1,003,162	-	-	-	1,003,162	836,060	20.0%
IPOH	-	-	-	10,743	11,194	21,937	10,743	11,194	21,937	-	-	-	21,937	5,376	308.1%
KUALA TERENGGANU	247,668	268,166	515,834	2,524	5,261	7,785	250,192	273,427	523,619	-	-	-	523,619	487,495	7.4%
ALOR SETAR	208,578	212,736	421,314	-	-	-	208,578	212,736	421,314	-	-	-	421,314	307,564	37.0%
MELAKA	17	22	39	9,727	8,810	18,537	9,744	8,832	18,576	-	-	-	18,576	23,751	-21.8%
SUBANG	334,743	335,593	670,336	76,202	73,302	149,504	410,945	408,895	819,840	-	-	-	819,840	307,747	166.4%
KUANTAN	106,024	106,066	212,090	7,439	7,383	14,822	113,463	113,449	226,912	-	-	-	226,912	259,529	-12.6%
TIOMAN	15,288	15,546	30,834	8,834	9,389	18,223	24,122	24,935	49,057	-	-	-	49,057	48,767	0.6%
PANGKOR	3,623	3,994	7,617	-	-	-	3,623	3,994	7,617	-	-	-	7,617	8,132	-6.3%
REDANG	9,556	10,785	20,341	3,865	4,040	7,905	13,421	14,825	28,246	-	-	-	28,246	34,957	-19.2%
LABUAN	222,248	224,027	446,275	564	9	573	222,812	224,036	446,848	30,028	-	30,028	476,876	550,859	-13.4%
LAHAD DATU	49,162	49,396	98,558	-	-	-	49,162	49,396	98,558	-	-	-	98,558	99,983	-1.4%
SANDAKAN	328,413	332,080	660,493	1,205	1,122	2,327	329,618	333,202	662,820	9,649	-	9,649	672,469	618,927	8.7%
TAWAU	426,874	431,469	858,343	3,933	4,325	8,258	430,807	435,794	866,601	-	-	-	866,601	768,967	12.7%
BINTULU	235,048	225,166	460,214	-	3	3	235,048	225,169	460,217	26,843	-	26,843	487,060	417,918	16.5%
MIRI	790,561	807,649	1,598,210	7,878	8,648	16,526	798,439	816,297	1,614,736	5,609	-	5,609	1,620,345	1,537,840	5.4%
SIBU	458,688	468,336	927,023	59	-	59	458,747	468,336	927,082	12,650	-	12,650	939,732	831,772	13.0%
MULU	24,869	24,386	49,255	-	-	-	24,869	24,386	49,255	-	-	-	49,255	43,652	12.8%
LIMBANG	23,060	22,452	45,512	-	-	-	23,060	22,452	45,512	-	-	-	45,512	49,181	-7.5%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	3,741	-100.0%
STOL SARAWAK	69,075	75,248	144,323	-	-	-	69,075	75,248	144,323	4,351	-	4,351	148,674	145,807	2.0%
SEMANANJUNG Peninsular	8,547,852	8,556,579	17,104,431	10,601,498	10,808,100	21,409,598	19,149,350	19,364,679	38,514,029	1,835	285,849	287,684	38,801,713	35,840,778	8.3%
SABAH	2,875,074	2,895,911	5,770,985	536,232	533,490	1,069,722	3,411,306	3,429,401	6,840,707	106,261	36,062	142,323	6,983,030	6,731,641	3.7%
SARAWAK	3,166,222	3,193,420	6,359,641	199,704	202,182	401,886	3,365,926	3,395,602	6,761,527	97,848	5,835	103,683	6,865,210	6,264,784	9.6%
JUMLAH Total	14,589,148	14,645,910	29,235,057	11,337,434	11,543,772	22,881,206	25,926,582	26,189,682	52,116,263	205,944	327,746	533,690	52,649,953	48,837,203	7.8%

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD
Source : Malaysia Airports Holdings Berhad

CARTA 4.1 : JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTABANGSA, MALAYSIA, 2005-2009

Chart 4.1 : *Total Passengers Handled By International Airport, Malaysia. 2005-2009*



SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : *Malaysia Airports Holdings Berhad*



JADUAL 4.6:

JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK KARGO TRANSIT), MALAYSIA, 2000 – 2009

Table 4.6:

Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2000 – 2009

LAPANGAN TERBANG Airports	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
KLIA	510,594.42	440,864.15	527,123.97	586,194.99	651,746.68	653,653.77	672,887.80	644,100.47	649,076.86	584,558.97
PULAU PINANG	171,787.00	176,317.00	202,043.92	197,566.73	212,368.53	221,971.39	225,952.48	208,581.85	178,920.99	131,129.71
KOTA KINABALU	27,347.00	24,887.00	28,111.88	25,638.44	27,190.90	25,472.88	28,355.53	35,638.47	34,532.33	21,060.42
KUCHING	24,200.00	22,897.00	24,834.75	26,277.58	26,072.80	28,406.89	29,715.52	23,817.90	18,863.17	20,616.33
LANGKAWI	403.00	213.00	209.86	286.81	324.85	449.31	486.78	524.32	589.09	571.77
JOHOR BHARU	6,014.00	4,157.00	3,848.63	3,696.86	-	7,518.00	4,366.00	5,444.00	5,067.95	4,858.34
KOTA BHARU	343.00	407.00	404.30	314.80	235.34	168.40	210.38	163.43	181.33	184.88
IPOH	359.00	361.00	388.45	498.42	735.15	436.94	357.06	9.84	-	-
KUALA TERENGGANU	160.00	186.00	150.91	159.99	123.52	93.52	69.67	47.13	23.84	23.65
ALOR SETAR	95.00	54.00	30.42	17.23	66.73	118.44	110.91	54.92	41.19	33.59
MELAKA	86.00	48.00	49.38	214.46	602.50	370.40	146.12	219.35	178.62	127.44
SUBANG	15,893.31	14,444.86	12,260.86	14,357.52	18,669.89	46,082.15	71,953.20	63,381.75	18,472.81	18,535.71
KUANTAN	109.00	121.00	96.02	64.46	63.59	74.60	108.63	102.59	70.08	69.86
TIOMAN	-	-	-	-	-	-	-	-	-	-
PANGKOR	2.00	-	-	-	-	-	-	-	-	-
LABUAN	2,597.00	2,946.00	3,175.81	2,732.56	2,652.74	3,076.53	3,207.00	3,984.72	3,780.59	3,782.63
LAHAD DATU	353.00	389.00	468.90	400.37	390.45	334.06	169.89	-	-	-
SANDAKAN	2,527.00	2,562.00	2,664.78	3,712.93	4,052.63	4,531.21	5,474.74	6,224.49	3,054.59	2,098.78
TAWAU	3,781.00	3,935.00	3,612.17	2,701.01	2,968.29	3,885.31	3,030.16	2,133.63	1,262.20	1,951.17
BINTULU	1,167.00	1,196.00	1,176.02	940.37	1,374.53	2,109.98	2,204.96	2,251.77	1,978.13	1,902.55
MIRI	4,200.00	4,096.00	3,902.55	3,880.87	4,720.55	5,392.31	4,079.77	3,564.11	4,146.40	3,921.37
SIBU	1,874.00	2,006.00	1,916.41	1,701.50	1,567.46	1,377.10	1,039.99	891.76	735.38	855.61
MULU	-	-	18.22	3.58	102.48	459.48	240.48	190.73	262.16	345.71
LIMBANG	216.53	173.36	249.34	225.52	178.70	289.31	378.88	439.83	474.51	530.02
STOL SABAH	34.40	3.66	3.72	2.18	1.82	1.43	1.02	-	-	-
STOL SARAWAK	1,000.00	1,046.00	818.00	846.55	861.60	539.68	402.60	845.05	684.89	399.55
SEMENANJUNG Peninsular	705,845.73	637,173.01	746,606.73	803,372.29	884,936.77	930,936.91	976,649.02	922,629.64	852,622.75	740,093.92
SABAH	36,639.40	34,722.66	38,037.25	35,187.49	37,256.83	37,301.42	40,238.34	47,981.30	42,629.70	28,893.00
SARAWAK	32,657.53	31,414.36	32,915.29	33,875.97	34,878.11	38,574.75	38,062.20	32,001.15	27,144.66	28,571.14
JUMLAH Total	775,142.65	703,310.03	817,559.28	872,435.74	957,071.71	1,006,813.08	1,054,949.55	1,002,612.08	922,397.11	797,558.05

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad



JADUAL 4.7: JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2009
Table 4.7: Total Cargo Handled by Airports, Malaysia, 2009

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			TRANSIT Transit			JUMLAH Total		
	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DALAM NEGERI Domestic	ANTARA- BANGSA International	JUMLAH Total	2009	2008	% +/-
KLIA	15,775.07	37,773.58	53,548.65	252,992.49	278,017.83	531,010.32	268,767.56	315,791.41	584,558.97	-	-	-	584,558.97	649,076.86	-9.9%
PULAU PINANG	17,085.56	3,804.23	20,889.78	40,990.72	69,249.20	110,239.92	58,076.28	73,053.43	131,129.71	-	6,645.46	6,645.46	137,775.17	192,936.28	-28.6%
KOTA KINABALU	11,273.37	6,646.32	17,919.69	997.52	2,143.22	3,140.74	12,270.88	8,789.54	21,060.42	2,818.14	1,200.62	4,018.76	25,079.18	34,532.33	-27.4%
KUCHING	12,624.38	6,772.36	19,396.75	664.99	554.60	1,219.58	13,289.37	7,326.96	20,616.33	195.56	18.50	214.06	20,830.39	19,165.54	8.7%
LANGKAWI	393.93	26.69	420.62	149.17	1.98	151.15	543.10	28.67	571.77	-	-	-	571.77	589.09	-2.9%
JOHOR BHARU	1,919.20	1,716.34	3,635.53	499.18	723.62	1,222.81	2,418.38	2,439.96	4,858.34	-	299.55	299.55	5,157.90	5,067.95	1.8%
KOTA BHARU	120.46	64.41	184.88	-	-	-	120.46	64.41	184.88	-	-	-	184.88	181.33	2.0%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUALA TERENGGANU	17.86	5.79	23.65	-	-	-	17.86	5.79	23.65	-	-	-	23.65	23.84	-0.8%
ALOR SETAR	10.31	23.28	33.59	-	-	-	10.31	23.28	33.59	-	-	-	33.59	41.19	-18.5%
MELAKA	-	-	-	54.78	72.66	127.44	54.78	72.66	127.44	-	-	-	127.44	178.62	-28.7%
SUBANG	3,825.05	7,244.53	11,069.59	4,051.62	3,414.50	7,466.13	7,876.68	10,659.04	18,535.71	-	-	-	18,535.71	18,472.81	0.3%
KUANTAN	66.24	3.62	69.86	-	-	-	66.24	3.62	69.86	-	-	-	69.86	70.08	-0.3%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	1,953.10	661.54	2,614.64	942.21	225.77	1,167.99	2,895.32	887.31	3,782.63	382.69	-	382.69	4,165.31	4,566.23	-8.8%
LAHAD DATU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SANDAKAN	775.95	1,322.83	2,098.78	-	-	-	775.95	1,322.83	2,098.78	-	-	-	2,098.78	3,054.59	-31.3%
TAWAU	545.32	1,405.85	1,951.17	-	-	-	545.32	1,405.85	1,951.17	-	-	-	1,951.17	1,262.20	54.6%
BINTULU	1,221.78	680.77	1,902.55	-	-	-	1,221.78	680.77	1,902.55	0.44	-	0.44	1,902.98	1,978.42	-3.8%
MIRI	2,028.51	1,892.86	3,921.37	-	-	-	2,028.51	1,892.86	3,921.37	-	-	-	3,921.37	4,146.40	-5.4%
SIBU	708.27	147.34	855.61	-	-	-	708.27	147.34	855.61	-	-	-	855.61	735.38	16.3%
MULU	338.93	6.78	345.71	-	-	-	338.93	6.78	345.71	-	-	-	345.71	262.16	31.9%
LIMBANG	243.89	286.13	530.02	-	-	-	243.89	286.13	530.02	-	-	-	530.02	474.51	11.7%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	252.19	147.36	399.55	-	-	-	252.19	147.36	399.55	2.91	-	2.91	402.46	692.03	-41.8%
SEMANANJUNG Peninsular	39,213.69	50,662.46	89,876.15	298,737.97	351,479.80	650,217.76	337,951.66	402,142.26	740,093.92	-	6,945.01	6,945.01	747,038.93	866,638.04	-13.8%
SABAH	14,547.74	10,036.54	24,584.27	1,939.73	2,368.99	4,308.72	16,487.47	12,405.53	28,893.00	3,200.83	1,200.62	4,401.45	33,294.44	43,415.34	-23.3%
SARAWAK	17,417.95	9,933.61	27,351.56	664.99	554.60	1,219.58	18,082.94	10,488.20	28,571.14	198.90	18.50	217.40	28,788.54	27,454.45	4.9%
JUMLAH Total	71,179.38	70,632.60	141,811.99	301,342.68	354,403.39	655,746.07	372,522.06	425,035.99	797,558.05	3,399.73	8,164.14	11,563.86	809,121.92	937,507.83	-13.7%

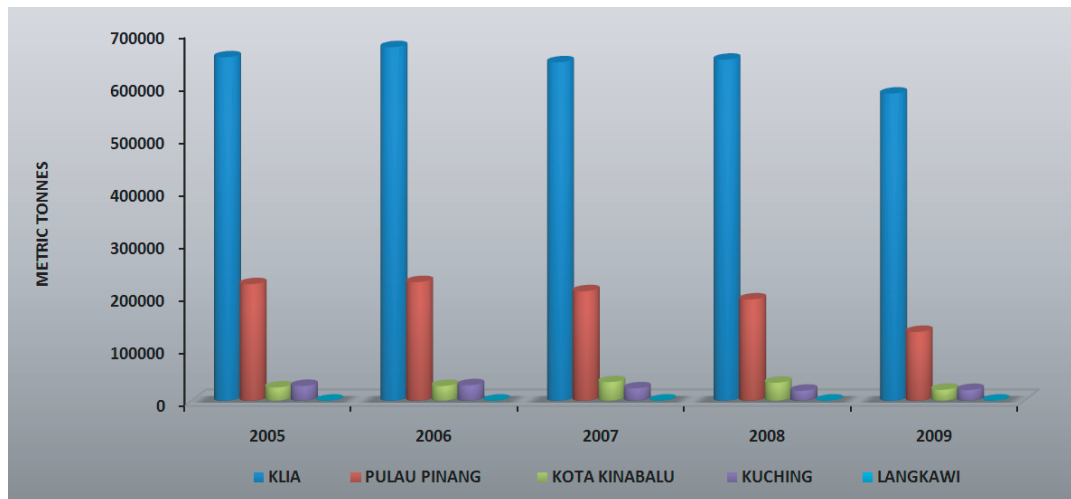
SUMBER: MALAYSIA AIRPORTS HOLDINGS BERHAD

Source: Malaysia Airports Holdings Berhad



CARTA 4.2 : JUMLAH KARGO YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2005-2009

Chart 4.2 : Total Cargo Handled By International Airports, Malaysia, 2005-2009



SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : *Malaysia Airports Holdings Berhad*



JADUAL 4.8 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK MEL TRANSIT),
MALAYSIA, 2000 - 2009

Table 4.8: *Total Mail Handled by Airports (Excluding Mail in Transit), Malaysia, 2000 - 2009*

LAPANGAN TERBANG Airports	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
KLIA	4,618.03	4,946.69	4,857.69	3,786.50	3,621.00	2,998.93	4,558.02	8,794.24	18,417.84	17,060.83
PULAU PINANG	62.80	32.02	1.36	992.12	1,562.63	8.89	1.81	1.40	0.40	6.89
KOTA KINABALU	4,795.40	3,019.44	5,214.23	5,736.87	5,940.29	5,031.82	3,787.23	4,044.47	3,148.62	1,600.94
KUCHING	4,575.40	5,502.66	5,181.17	5,130.53	5,344.46	5,085.83	3,467.15	3,136.97	997.57	793.68
LANGKAWI	36.98	21.78	24.59	42.43	44.03	45.56	58.09	58.32	82.50	73.31
JOHOR BHARU	4.00	-	-	-	-	-	-	-	-	-
KOTA BHARU	237.02	285.17	287.48	305.17	384.12	226.45	170.74	174.68	236.40	321.80
IPOH	12.84	-	-	-	-	-	-	-	-	-
KUALA TERENGGANU	118.81	111.91	135.78	163.82	174.38	132.26	9.61	3.87	8.13	5.03
ALOR SETAR	0.82	-	-	-	-	-	-	-	1.74	55.18
MELAKA	9.11	-	-	-	-	-	-	-	-	-
SUBANG	7,642.30	7,119.57	7,142.17	7,860.25	8,002.53	7,006.38	1,656.29	-	-	-
KUANTAN	5.75	5.58	-	9.31	12.49	2.29	-	-	0.00	-
TIOMAN	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-
LABUAN	251.34	269.04	288.45	306.56	275.74	257.36	290.79	334.11	398.57	359.96
LAHAD DATU	224.19	199.38	200.80	155.38	164.80	154.05	211.70	156.66	193.10	212.41
SANDAKAN	492.85	513.62	359.78	216.02	201.55	52.25	89.60	9.28	233.08	253.63
TAWAU	510.33	605.51	510.06	453.20	430.52	263.83	101.54	27.14	280.66	241.85
BINTULU	170.96	167.74	150.80	121.79	150.82	133.62	239.60	82.96	338.95	381.78
MIRI	1,286.71	1,440.58	1,117.72	1,283.49	1,254.69	1,632.96	1,438.96	1,805.89	1,665.00	2,170.70
SIBU	763.45	526.80	543.38	597.67	908.74	1,089.22	698.34	58.91	-	849.35
STOL SABAH	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	-	-	-	-	31.98	90.09	106.23	5.75	10.08	52.97
SEMANANJUNG Peninsular	12,748.46	12,522.71	12,449.06	13,159.60	13,801.17	10,420.75	6,454.55	9,032.50	18,747.01	17,523.04
SABAH	6,274.11	4,606.99	6,573.31	6,868.02	7,012.90	5,759.30	4,480.86	4,571.67	4,254.04	2,668.78
SARAWAK	6,796.53	7,637.77	6,993.07	7,133.47	7,690.70	8,031.72	5,950.28	5,090.48	3,011.60	4,248.48
JUMLAH Total	25,819.10	24,767.47	26,015.45	27,161.10	28,504.77	24,211.77	16,885.69	18,694.65	26,012.64	24,440.30

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : *Malaysia Airports Holdings Berhad*



JADUAL 4.9 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2009
Table 4.9 : Total Mail Handled by Airports, Malaysia, 2009

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			TRANSIT Transit			JUMLAH Total		
	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DALAM NEGERI Domestic	ANTARA- BANGSA International	JUMLAH Total	2009	2008	% +/-
KLIA	311.20	1,459.05	1,770.25	7,797.24	7,493.35	15,290.59	8,108.43	8,952.40	17,060.83	-	-	-	17,060.83	18,417.84	-7.4%
PULAU PINANG	4.72	0.76	5.47	0.93	0.49	1.42	5.65	1.25	6.89	-	-	-	6.89	0.40	1635.8%
KOTA KINABALU	846.85	734.88	1,581.73	8.61	10.61	19.22	855.46	745.49	1,600.94	111.21	32.04	143.25	1,744.19	3,148.62	-44.6%
KUCHING	334.76	452.68	787.44	6.04	0.20	6.24	340.80	452.88	793.68	27.29	-	27.29	820.96	998.57	-17.8%
LANGKAWI	47.64	25.66	73.30	-	0.01	0.01	47.64	25.67	73.31	-	-	-	73.31	82.50	-11.1%
KOTA BHARU	166.03	155.77	321.80	-	-	-	166.03	155.77	321.80	-	-	-	321.80	236.40	36.1%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUALA TERENGGANU	2.75	2.28	5.03	-	-	-	2.75	2.28	5.03	-	-	-	5.03	8.13	-38.2%
ALOR SETAR	13.58	41.60	55.18	-	-	-	13.58	41.60	55.18	-	-	-	55.18	1.74	-
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUANTAN	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	-100.0%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	312.13	47.83	359.96	-	-	-	312.13	47.83	359.96	-	-	-	359.96	398.57	-9.7%
LAHAD DATU	189.61	22.80	212.41	-	-	-	189.61	22.80	212.41	-	-	-	212.41	193.10	-
SANDAKAN	212.38	41.24	253.63	-	-	-	212.38	41.24	253.63	-	-	-	253.63	233.08	8.8%
TAWAU	233.92	7.93	241.85	-	-	-	233.92	7.93	241.85	-	-	-	241.85	280.66	-13.8%
BINTULU	304.96	76.82	381.78	-	-	-	304.96	76.82	381.78	0.04	-	0.04	381.82	338.95	12.6%
MIRI	1,753.46	417.25	2,170.70	-	-	-	1,753.46	417.25	2,170.70	-	-	-	2,170.70	1,665.00	30.4%
SIBU	248.15	601.21	849.35	-	-	-	248.15	601.21	849.35	-	-	-	849.35	-	#DIV/0!
MULU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMBANG	19.60	26.30	45.90	-	-	-	19.60	26.30	45.90	-	-	-	45.90	84.40	-
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	5.72	1.35	7.07	-	-	-	5.72	1.35	7.07	-	-	-	7.07	10.08	-29.9%
SEMENANJUNG Peninsular	545.92	1,685.11	2,231.02	7,798.17	7,493.85	15,292.02	8,344.08	9,178.96	17,523.04	0.00	0.00	0.00	17,523.04	18,747.01	-6.5%
SABAH	1,794.89	854.67	2,649.57	8.61	10.61	19.22	1,803.50	865.28	2,668.78	111.21	32.04	143.25	2,812.03	4,254.04	-33.9%
SARAWAK	2,666.64	1,575.60	4,242.24	6.04	0.20	6.24	2,672.68	1,575.80	4,248.48	27.33	0.00	27.33	4,275.81	3,096.99	38.1%
JUMLAH Total	5,007.45	4,115.38	9,122.83	7,812.81	7,504.66	15,317.47	12,820.25	11,620.04	24,440.30	138.54	32.04	170.58	24,610.87	26,098.03	-5.7%

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD
Source : Malaysia Airports Holdings Berhad



JADUAL 4.10 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2000 – 2009

Table 4.10 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2000 - 2009

LAPANGAN TERBANG Airports	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
KLIA	109,339	113,147	127,462	139,101	164,483	181,341	182,548	192,304	209,681	225,251
PULAU PINANG	27,672	28,866	28,861	26,516	29,182	31,173	31,448	34,508	38,335	38,343
KOTA KINABALU	39,889	38,680	42,177	42,491	50,313	49,680	50,594	49,881	52,463	52,677
KUCHING	34,551	36,625	39,477	38,676	41,353	39,430	37,167	34,192	36,087	41,437
LANGKAWI	8,947	9,448	7,910	7,168	7,352	8,021	8,287	10,828	12,242	12,638
JOHOR BHARU	11,432	11,513	9,291	8,848	-	-	-	-	-	13,552
KOTA BHARU	4,588	4,808	6,255	7,520	8,888	8,765	10,368	13,074	14,083	13,709
IPOH	2,117	1,946	1,662	1,572	1,402	1,145	954	12	183	384
KUALA TERENGGANU	3,210	3,366	3,196	4,221	4,776	4,623	3,792	4,533	6,038	6,006
ALOR SETAR	2,968	2,978	2,940	3,646	3,568	3,267	2,820	2,668	2,934	4,578
MELAKA	458	278	182	1,102	2,135	1,328	596	714	700	616
SUBANG	25,423	22,441	14,685	5,140	6,981	8,988	9,158	7,234	11,448	19,897
KUANTAN	3,782	4,046	3,764	3,743	3,748	3,500	2,748	3,253	3,334	2,947
TIOMAN	2,000	2,708	2,357	2,173	1,885	1,668	1,836	1,597	1,603	1,591
PANGKOR	520	652	519	511	534	530	514	517	503	502
REDANG	-	-	-	-	741	1,110	934	1,053	1,083	862
LABUAN	7,261	7,572	8,358	9,661	10,450	9,292	9,332	10,127	11,212	10,868
LAHAD DATU	2,556	2,694	2,886	2,882	2,948	3,010	3,203	2,195	2,922	2,922
SANDAKAN	9,214	9,325	9,474	9,985	10,184	10,876	10,034	7,719	8,991	10,214
TAWAU	6,428	6,547	6,928	7,450	8,019	8,531	8,005	6,863	7,334	8,885
BINTULU	11,642	12,646	14,111	13,288	13,240	13,146	11,388	6,542	8,933	10,948
MIRI	32,706	36,010	39,545	40,468	42,306	40,302	39,462	33,022	35,178	38,836
SIBU	15,301	16,589	16,791	16,593	17,162	16,683	15,092	11,765	14,307	16,275
MULU	2,684	3,484	4,536	3,422	3,066	2,620	2,220	1,638	1,642	1,570
LIMBANG	4,840	5,130	4,688	4,994	5,625	5,490	4,242	2,300	1,860	1,697
STOL SABAH	905	902	922	936	812	814	800	338	459	-
STOL SARAWAK	10,980	12,486	13,531	13,816	13,816	14,322	14,718	12,457	12,716	12,140
SEMANJUNG Peninsular	202,456	206,197	209,084	211,261	235,675	255,459	256,003	272,295	302,167	340,876
SABAH	66,253	65,720	70,745	73,405	82,726	82,203	81,968	77,123	83,381	85,566
SARAWAK	112,704	122,970	132,679	131,257	136,568	131,993	124,289	101,916	110,723	122,903
JUMLAH Total	381,413	394,887	412,508	415,923	454,969	469,655	462,260	451,334	496,271	549,345

SUMBER: MALAYSIA AIRPORTS HOLDINGS BERHAD

Source: Malaysia Airports Holdings Berhad



JADUAL 4.11 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2009
Table 4.11 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2009

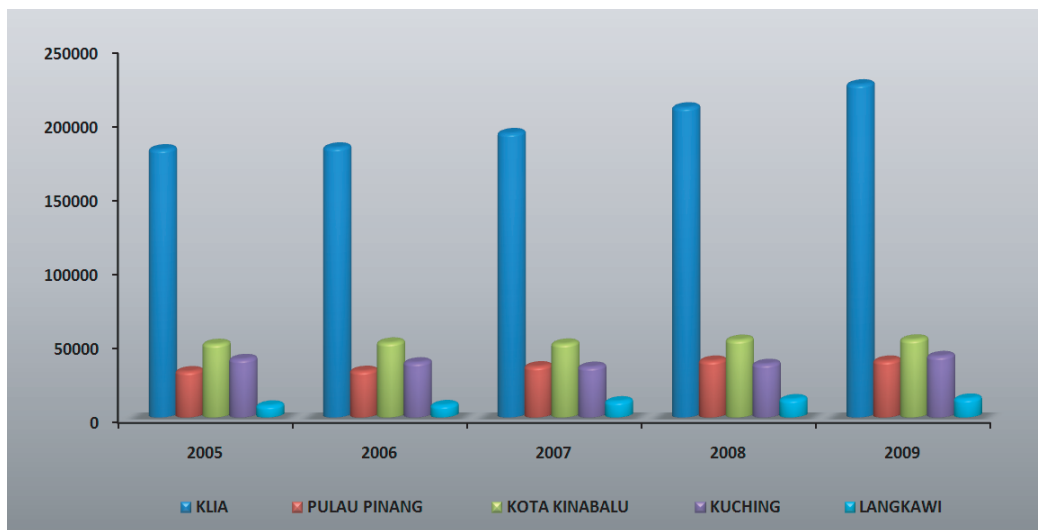
LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			JUMLAH Total		
	BERJADUAL Scheduled	TIDAK BERJADUAL Non-Scheduled	JUMLAH Total	BERJADUAL Scheduled	TIDAK BERJADUAL Non-Scheduled	JUMLAH Total	BERJADUAL Scheduled	TIDAK BERJADUAL Non-Scheduled	JUMLAH Total	2009	2008	% +/-
KLIA	82,666	365	83,031	141,226	994	142,220	223,892	1,359	225,251	225,251	209,681	7.4%
PULAU PINANG	20,797	5	20,802	17,533	8	17,541	38,330	13	38,343	38,343	38,335	0.0%
KOTA KINABALU	40,476	1,023	41,499	11,159	19	11,178	51,635	1,042	52,677	52,677	52,463	0.4%
KUCHING	33,084	3,317	36,401	4,799	237	5,036	37,883	3,554	41,437	41,437	36,087	14.8%
LANGKAWI	10,971	-	10,971	1,667	-	1,667	12,638	-	12,638	12,638	12,242	3.2%
KOTA BHARU	9,829	3,880	13,709	-	-	-	9,829	3,880	13,709	13,709	14,083	-2.7%
IPOH	-	-	-	384	-	384	384	-	384	384	183	109.8%
KUALA TERENGGANU	5,930	-	5,930	61	15	76	5,991	15	6,006	6,006	6,038	-0.5%
ALOR SETAR	4,578	-	4,578	-	-	-	4,578	-	4,578	4,578	2,934	56.0%
MELAKA	-	-	-	616	-	616	616	-	616	616	700	-12.0%
SUBANG	15,771	-	15,771	4,126	-	4,126	19,897	-	19,897	19,897	11,448	73.8%
KUANTAN	2,710	-	2,710	237	-	237	2,947	-	2,947	2,947	3,334	-11.6%
TIOMAN	960	-	960	631	-	631	1,591	-	1,591	1,591	1,603	-0.7%
PANGKOR	502	-	502	-	-	-	502	-	502	502	503	-0.2%
REDANG	584	-	584	278	-	278	862	-	862	862	1,083	-20.4%
LABUAN	7,426	3,137	10,563	7	298	305	7,433	3,435	10,868	10,868	11,212	-3.1%
LAHAD DATU	2,846	76	2,922	-	-	-	2,846	76	2,922	2,922	2,922	0.0%
SANDAKAN	8,061	1,841	9,902	32	280	312	8,093	2,121	10,214	10,214	8,991	13.6%
TAWAU	8,466	296	8,762	96	27	123	8,562	323	8,885	8,885	7,334	21.1%
BINTULU	9,395	1,547	10,942	-	6	6	9,395	1,553	10,948	10,948	8,933	22.6%
MIRI	28,890	9,816	38,706	130	-	130	29,020	9,816	38,836	38,836	35,178	10.4%
SIBU	15,246	1,028	16,274	-	1	1	15,246	1,029	16,275	16,275	14,307	13.8%
MULU	1,570	-	1,570	-	-	-	1,570	-	1,570	1,570	1,642	-4.4%
LIMBANG	1,697	-	1,697	-	-	-	1,697	-	1,697	1,697	1,860	-8.8%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	459	-100.0%
STOL SARAWAK	12,140	-	12,140	-	-	-	12,140	-	12,140	12,140	12,716	-4.5%
SEMANANJUNG Peninsular	155,298	4,250	159,548	166,759	1,017	167,776	322,057	5,267	327,324	327,324	302,167	8.3%
SABAH	67,275	6,373	73,648	11,294	624	11,918	78,569	6,997	85,566	85,566	83,381	2.6%
SARAWAK	102,022	15,708	117,730	4,929	244	5,173	106,951	15,952	122,903	122,903	110,723	11.0%
JUMLAH Total	324,595	26,331	350,926	182,982	1,885	184,867	507,577	28,216	535,793	535,793	496,271	8.0%

SUMBER: MALAYSIA AIRPORTS HOLDINGS BERHAD

Source: Malaysia Airports Holdings Berhad

CARTA 4.3 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN OLEH LAPANGAN TERBANGA ANTARABANGSA, MALAYSIA, 2005-2009

Chart 4.3 : Total Commercial Aircraft Movements Handled By International Airports, Malaysia, 2005-2009



SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : *Malaysia Airports Holdings Berhad*



JADUAL 4.12 : PERGERAKAN TRAFIK DI ANTARA LAPANGAN TERBANG-LAPANGAN TERBANG MALAYSIA (TERMASUK SINGAPURA), 2009
Table 4.12: Traffic Movement between Malaysian Airports (Including Singapore), 2009

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	175,045	179,904	354,949	184,373	157,050	341,423	41,965	114,491	156,456
KUALA LUMPUR	-	IPOH	-	-	-	-	-	-	-	-	-
KUALA LUMPUR	-	JOHOR BHARU	159,707	186,611	346,318	891,887	539,903	1,431,790	-	-	-
KUALA LUMPUR	-	KOTA BHARU	424,024	427,306	851,330	351,684	146,051	497,735	9,380	-	9,380
KUALA LUMPUR	-	KOTA KINABALU	910,363	921,842	1,832,205	11,431,517	2,306,731	13,738,248	430,424	116,337	546,761
KUALA LUMPUR	-	TERENGGANU	216,654	220,845	437,499	116,481	40,501	156,982	7,982	37	8,019
KUALA LUMPUR	-	KUANTAN	98,490	98,247	196,737	107,289	6,410	113,699	-	-	-
KUALA LUMPUR	-	KUCHING	803,892	806,203	1,610,095	12,868,217	4,425,570	17,293,787	285,317	2,332	287,649
KUALA LUMPUR	-	LABUAN	119,401	118,903	238,304	1,236,396	277,927	1,514,323	256,444	27,419	283,863
KUALA LUMPUR	-	LANGKAWI	548,960	562,824	1,111,784	643,095	37,764	680,859	67,222	43,878	111,100
KUALA LUMPUR	-	MIRI	263,631	266,157	529,788	2,077,377	278,922	2,356,299	60,739	523	61,262
KUALA LUMPUR	-	PULAU PINANG	594,309	608,112	1,202,421	3,366,069	3,471,316	6,837,385	7,281	385	7,666
KUALA LUMPUR	-	SINGAPURA	1,229,143	1,255,947	2,485,090	15,697,025	14,802,759	30,499,784	86,667	659,004	745,671
KUALA LUMPUR	-	SIBU	187,536	185,734	373,270	1,538,429	296,294	1,834,723	173,173	-	173,173
KUALA LUMPUR	-	TAWAU	198,656	206,278	404,934	1,219,332	2,341,345	3,560,677	80,815	-	80,815
PULAU PINANG	-	LANGKAWI	32,124	31,684	63,808	759	1,926	2,685	-	-	-
PULAU PINANG	-	SINGAPURA	305,265	303,128	608,393	7,305,548	16,602,179	23,907,727	-	-	-
KOTA KINABALU	-	JOHOR BHARU	88,189	87,508	175,697	141,950	142,086	284,036	-	-	-
KOTA KINABALU	-	TAWAU	214,384	215,515	429,899	453,578	757,040	1,210,618	169,689	2,966	172,655
KOTA KINABALU	-	LABUAN	52,600	58,673	111,273	329,207	156,839	486,046	58,662	24,331	82,993
KOTA KINABALU	-	LAHAD DATU	49,504	48,092	97,596	154,990	3,528	158,518	183,788	23,581	207,369
KOTA KINABALU	-	MIRI	107,826	107,778	215,604	928,942	801,187	1,730,129	2,028	183	2,211
KOTA KINABALU	-	SIBU	48,234	47,365	95,599	116,519	20,337	136,856	345	172	517
KOTA KINABALU	-	KUCHING	143,945	148,221	292,166	677,995	283,575	961,570	9,917	154,072	163,989
KOTA KINABALU	-	SINGAPURA	125,462	120,470	245,932	193,460	196,860	390,320	-	820	820
KUCHING	-	JOHOR BHARU	124,292	124,013	248,305	50,057	331,640	381,697	-	-	-
KUCHING	-	PULAU PINANG	43,756	43,532	87,288	-	-	-	-	-	-
KUCHING	-	SINGAPURA	139,394	137,170	276,564	534,928	592,711	1,127,639	-	6,623	6,623
BINTULU	-	MIRI	7,951	13,728	21,679	303	1,051	1,354	-	-	-
MIRI	-	LABUAN	50,538	48,244	98,782	-	-	-	-	-	-
MIRI	-	SIBU	32,730	32,177	64,907	-	-	-	-	-	-
SANDAKAN	-	TAWAU	12,060	12,157	24,217	7,150	881	8,031	84	-	84
LANGKAWI	-	SINGAPURA	74,130	71,289	145,419	70,125	67,453	137,578	9	-	9
MIRI	-	JOHOR BHARU	26,144	25,659	51,803	-	-	-	-	-	-

SUMBER: MALAYSIA AIRPORTS HOLDINGS BERHAD

Source: Malaysia Airports Holdings Berhad



JADUAL 4.13 : PERGERAKAN TARFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2009

Table 4.13 : Traffic Movement for Rural Air Services, Sabah and Sarawak, 2009

SEKTOR Sector			PENUMPANG Passenger			KARGO (KG) Cargo (kg)			MEL (KG) Mail (kg)		
A	-	B	(A-B)	(B-A)	JUMLAH Total	(A-B)	(B-A)	JUMLAH Total	(A-B)	(B-A)	JUMLAH Total
SABAH			-	-	-	-	-	-	-	-	-
BARIO	-	MARUDI	-	-	-	-	-	-	-	-	-
BELAGA	-	BINTULU	-	-	-	-	-	-	-	-	-
BINTULU	-	MUKAH	-	-	-	-	-	-	-	-	-
KOTA KINABALU	-	KUDAT	-	-	-	-	-	-	-	-	-
KOTA KINABALU	-	SANDAKAN	178,903	174,168	353,071	341,836	568,482	910,318	79,755	11,086	90,841
KOTA KINABALU	-	BINTULU	11,887	15,941	27,828	6,531	11,362	17,893	38	420	458
KUDAT	-	SANDAKAN	-	11	11	-	-	-	-	-	-
LAWAS	-	KOTA KINABALU	1	1	2	-	-	-	-	-	-
LIMBANG	-	KOTA KINABALU	-	-	-	-	-	-	-	-	-
MIRI	-	BARIO	6,514	6,559	13,073	-	-	-	-	-	-
SANDAKAN	-	TOMANGGONG	-	-	-	-	-	-	-	-	-
SANDAKAN	-	TAWAU	12,060	12,157	24,217	7,150	881	8,031	84	-	84
JUMLAH Total			209,365	208,837	418,202	355,517	580,725	936,242	79,877	11,506	91,383
SARAWAK	-										
KUCHING	-	BINTULU	91,472	90,357	181,829	191,510	24,733	216,243	98,659	19,857	118,516
KUCHING	-	LABUAN	25	19	44	-	-	-	-	-	-
KUCHING	-	MIRI	184,750	182,440	367,190	914,015	723,312	1,637,327	5,651	550	6,201
KUCHING	-	SIBU	153,711	156,361	310,072	219,824	54,800	274,624	30,125	1,238	31,363
KUCHING	-	MUKAH	10,209	13,129	23,338	8,376	1,502	9,878	-	-	-
LAWAS	-	MIRI	19,931	19,978	39,909	-	-	-	-	-	-
LIMBANG	-	MIRI	22,557	21,724	44,281	-	-	-	-	-	-
LIMBANG	-	LAWAS	-	-	-	-	-	-	-	-	-
MARUDI	-	MIRI	12,347	12,559	24,906	-	-	-	-	-	-
MIRI	-	MULU	23,245	19,700	42,945	-	-	-	-	-	-
MIRI	-	SIBU	32,730	32,177	64,907	-	-	-	-	-	-
MUKAH	-	MIRI	4,404	4,799	9,203	-	-	-	-	-	-
MUKAH	-	SIBU	193	154	347	-	-	-	-	-	-
SIBU	-	BINTULU	10,358	784	11,142	-	-	-	-	-	-
JUMLAH Total			565,932	554,181	1,120,113	1,333,725	804,347	2,138,072	134,435	21,645	156,080

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad