



STATISTIK PENGANGKUTAN
Transport Statistics

MALAYSIA

2008

KEMENTERIAN PENGANGKUTAN MALAYSIA
MINISTRY OF TRANSPORT MALAYSIA





Y.BHG DATO' HJ ZAKARIA
Bin Hj Bahari

KETUA STIAUSAHA
KEMENTERIAN PENGANGKUTAN
SECRETARY GENERAL
MINISTRY OF TRANSPORT MALAYSIA

KATA-KATA ALUAN PREFACE

Saya ingin mengambil kesempatan ini untuk mengucapkan tahniah kepada semua yang terlibat dalam penerbitan Laporan Statistik Pengangkutan 2008. Adalah menjadi objektif Kementerian untuk menyediakan perangkaan yang komprehensif, sedia digunakan dan terkini mengenai semua mod pengangkutan di Malaysia melalui laporan ini. Beberapa penunjuk utama terpilih berserta carta dan graf telah dimasukkan sebagai panduan mudah untuk memahami arah aliran asas sektor pengangkutan di negara ini.

Semoga penerbitan ini dapat dijadikan bahan rujukan yang bernilai kepada para pengguna yang terlibat dalam sektor pengangkutan, dan sebagai sumber rujukan kepada para pelabur, penyelidik dan perancang yang memerlukan data dan maklumat ini.

Sektor pengangkutan merupakan satu penyumbang utama kepada pembangunan ekonomi negara. Kerajaan, dalam hal ini, akan terus berkerjasama dengan pihak berkaitan dalam industri untuk memajukan lagi agenda pengangkutan negara.

Saya ingin merakamkan ucapan penghargaan kepada semua jabatan dan agensi di bawah Kementerian Pengangkutan di atas kerjasama dan sumbangan ke arah merealisasikan penerbitan buku statistik ini.

I would like to take this opportunity to congratulate everyone involved in the publication of the Malaysia Transport Statistics 2008. It is our objective to provide comprehensive, readily available and up-to-date statistics on all modes of transport in Malaysia through this report. Some selected key indicators, accompanied by graphs and charts, have been included for a quick understanding of the basic trends of the transport sector in the country.

This publication will hopefully serve as a valuable reference to all users involved in the transport sector as well as a point of reference to all investors, researchers and planners who require this data and information.

The transport sector is a major contributor to the economic development of the nation. The Government, in this regard, will continue to work closely with the relevant players in the industry to further advance the nation's transport agenda.

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



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

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Ministry of Works

Kementerian Pembangunan
Usahawan dan Koperasi
Ministry of Entrepreneur and Cooperative Development

Kementerian Pelancongan
Ministry of Tourism

Polis Diraja Malaysia
Royal Malaysian Police

Jabatan Pengangkutan Jalan
Road Transport Department

Jabatan Laut Malaysia
Marine Department, Malaysia

Jabatan Laut Wilayah Tengah
Marine Department, Central Region

Keretapi Tanah Melayu Berhad
Keretapi Tanah Melayu Berhad

Lembaga Pelabuhan Klang
Klang Port Authority

Pelabuhan Tanjung Pelepas Sdn Bhd
Port of Tanjung Pelepas Sdn Bhd

Johor Port Berhad
Johor Port Berhad

Suruhanjaya Pelabuhan Pulau Pinang
Penang Port Commission

Lembaga Pelabuhan Kuantan
Kuantan Port Authority

Lembaga Pelabuhan Kemaman
Kemaman Port Authority

Bintulu Port Sdn Bhd
Bintulu Port Sdn Bhd

Sabah Port Sdn Bhd
Sabah Port Sdn Bhd

Lembaga Pelabuhan Kuching
Kuching Port Authority

Lembaga Pelabuhan Rajang
Rajang Port Authority

Lembaga Pelabuhan Miri
Miri Port Authority

Pelabuhan Tanjung Bruas
Tanjung Bruas Port

Malaysia Airport Holding Berhad
Malaysia Airports Holdings Berhad

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

Rapid KL Sdn Bhd
Rapid KL Sdn Bhd

KL Starrail Sdn Bhd
KL Starrail Sdn Bhd

Express Rail Link Sdn Bhd
Express Rail Link Sdn Bhd



GLOSARI AKRONIM

Acronym Glossary

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







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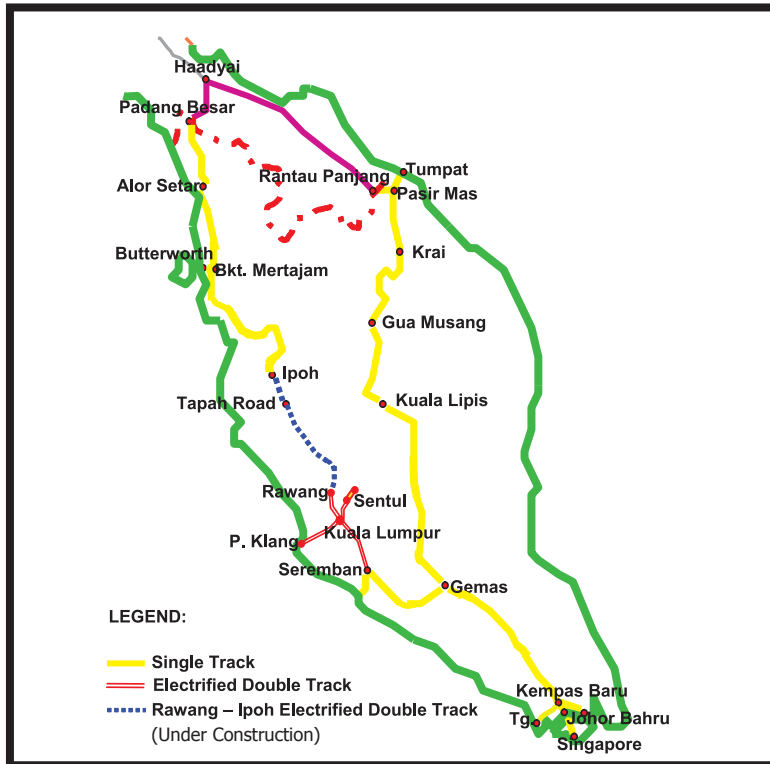


Peta

Map



RANGKAIAN PENGANGKUTAN REL SEMENANJUNG MALAYSIA
Rail Transport Network of Peninsular Malaysia



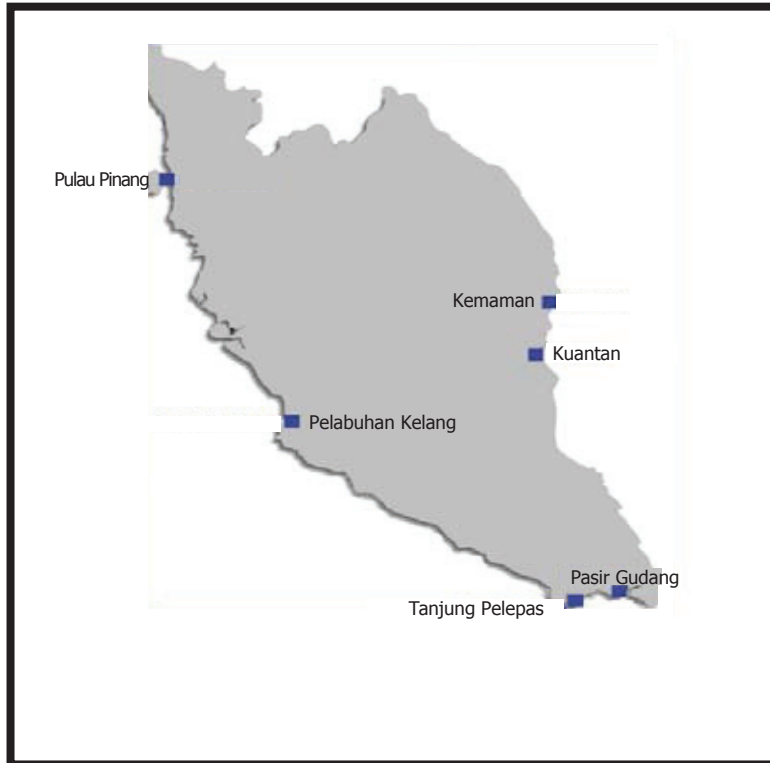


RANGKAIAN PENGANGKUTAN REL SABAH
Rail Transport Network of Sabah





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

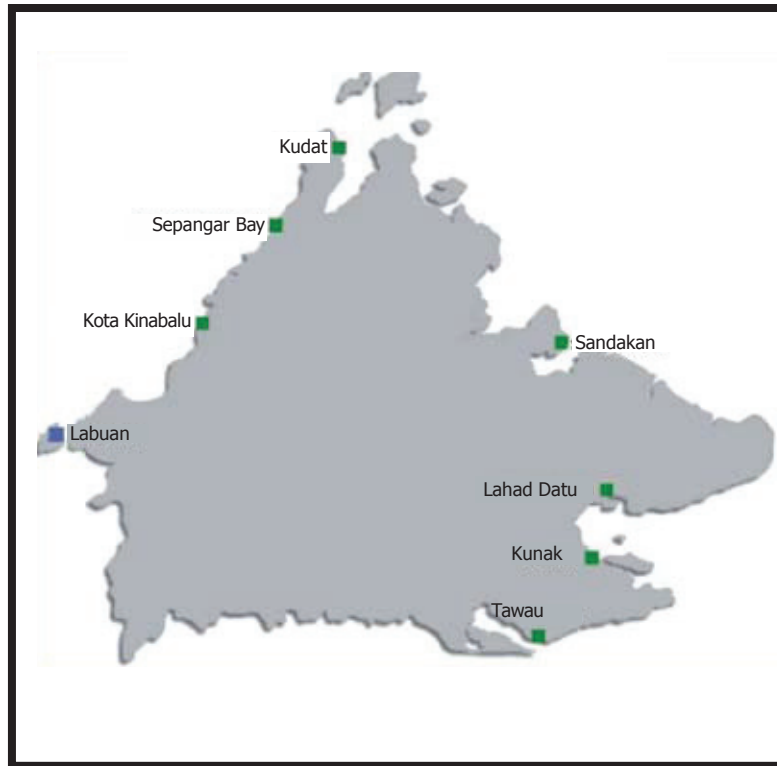


PERLABUHAN PERSEKUTUAN
Federal Ports

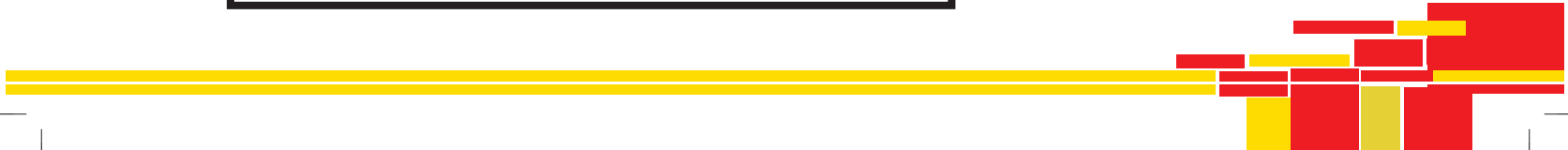




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State and Federal Ports Location of Sabah

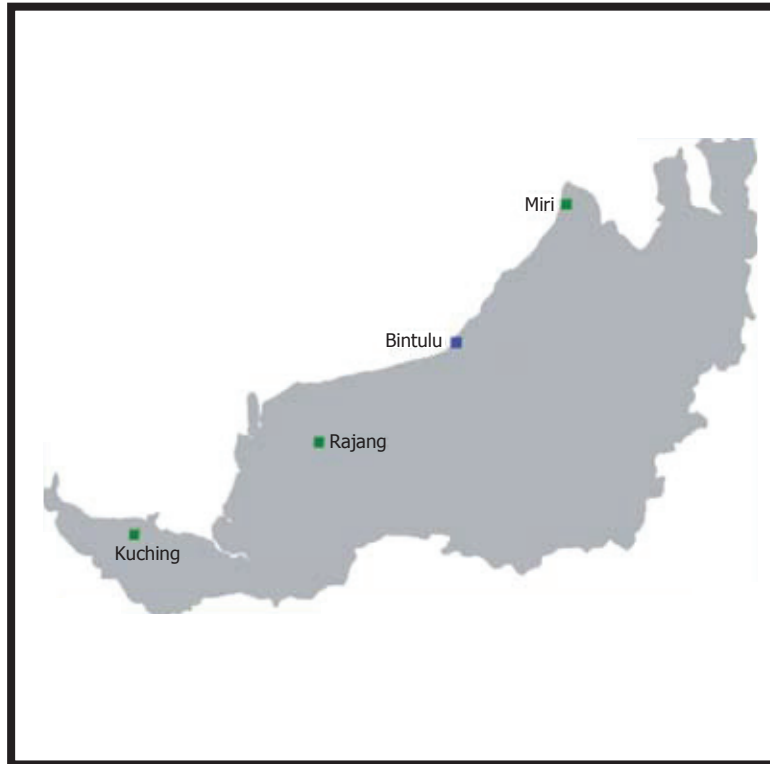


- PELABUHAN - PELABUHAN NEGERI
State Ports
- PELABUHAN PERSEKUTUAN
Federal Ports





LOKASI PELABUHAN - PELABUHAN NEGERI DAN PELABUHAN PERSEKUTUAN, SARAWAK
State and federal Ports Location of Sarawak

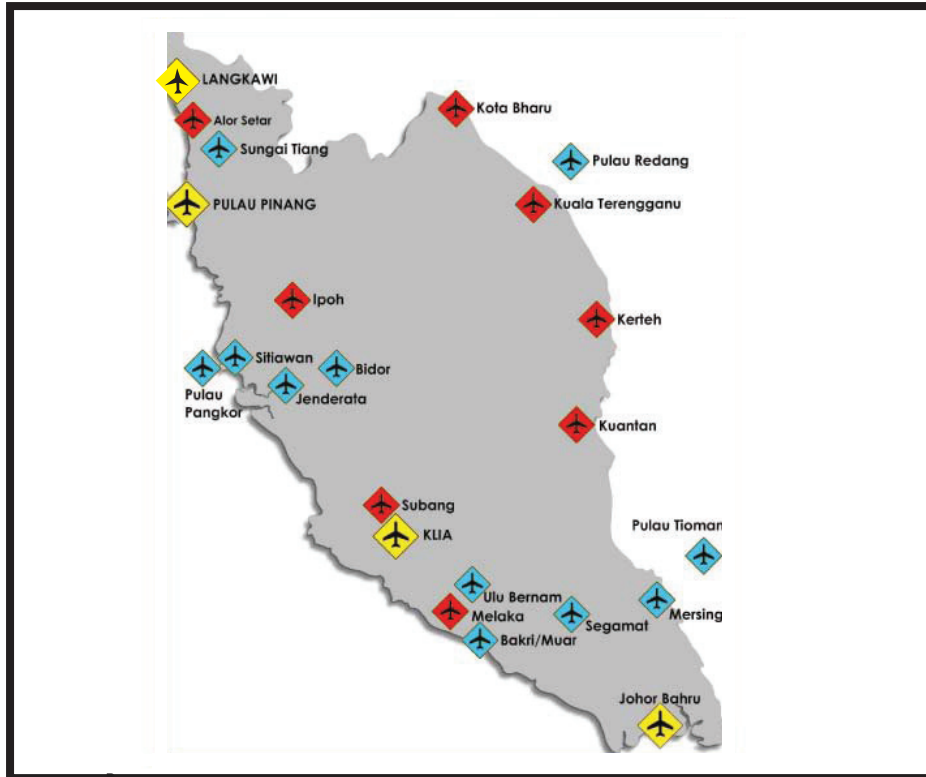



- PELABUHAN - PELABUHAN NEGERI
State Ports
- PELABUHAN PERSEKUTUAN
Federal Ports





LOKASI LAPANGAN TERBANG SEMENANJUNG MALAYSIA
Airport Location of Peninsular Malaysia

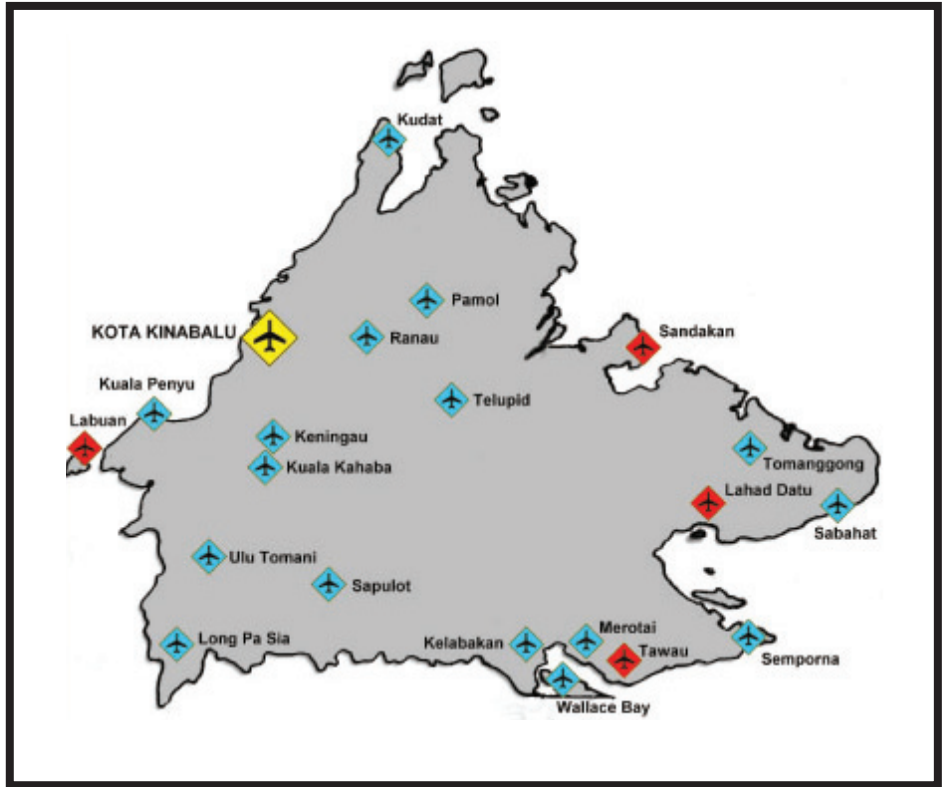





-  LAPANGAN TERBANG ANTARABANGSA
International Airport
-  LAPANGAN TERBANG DOMESTIK
Domestic Airport
-  PADANG TERBANG
Airstrips





LOKASI LAPANGAN TERBANG SABAH
Airport Location of Sabah

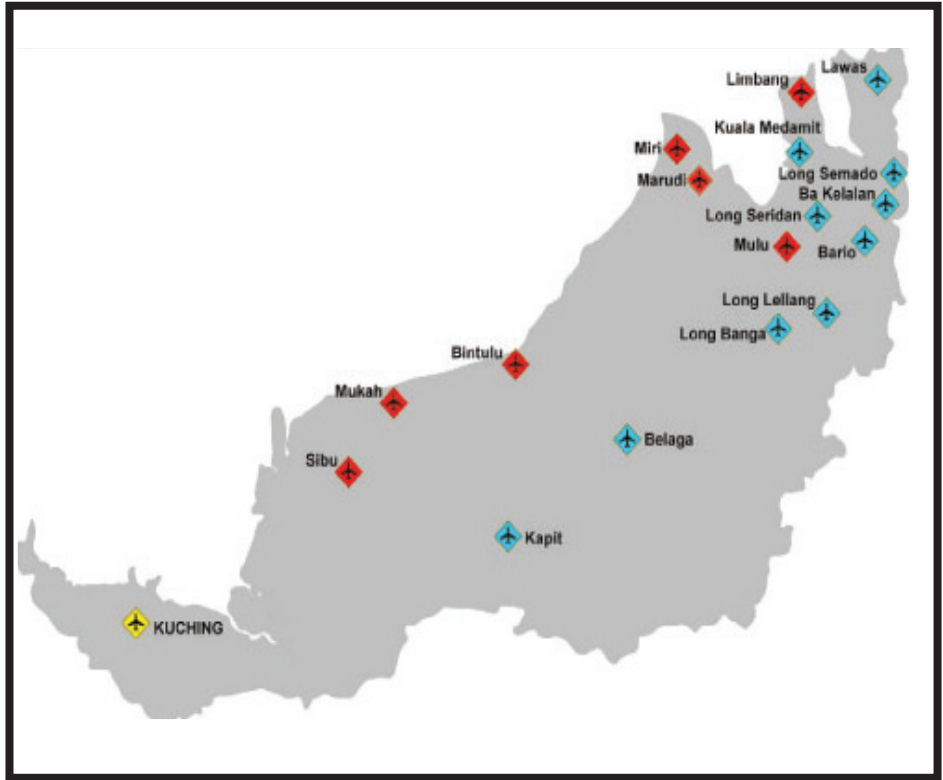


-  LAPANGAN TERBANG ANTARABANGSA
International Airport
-  LAPANGAN TERBANG DOMESTIK
Domestic Airport
-  PADANG TERBANG
Airstrips





LOKASI LAPANGAN TERBANG SARAWAK
Airport Location of Sarawak



-  LAPANGAN TERBANG ANTARABANSA
International Airport
-  LAPANGAN TERBANG DOMESTIK
Domestic Airport
-  PADANG TERBANG
Airstrips



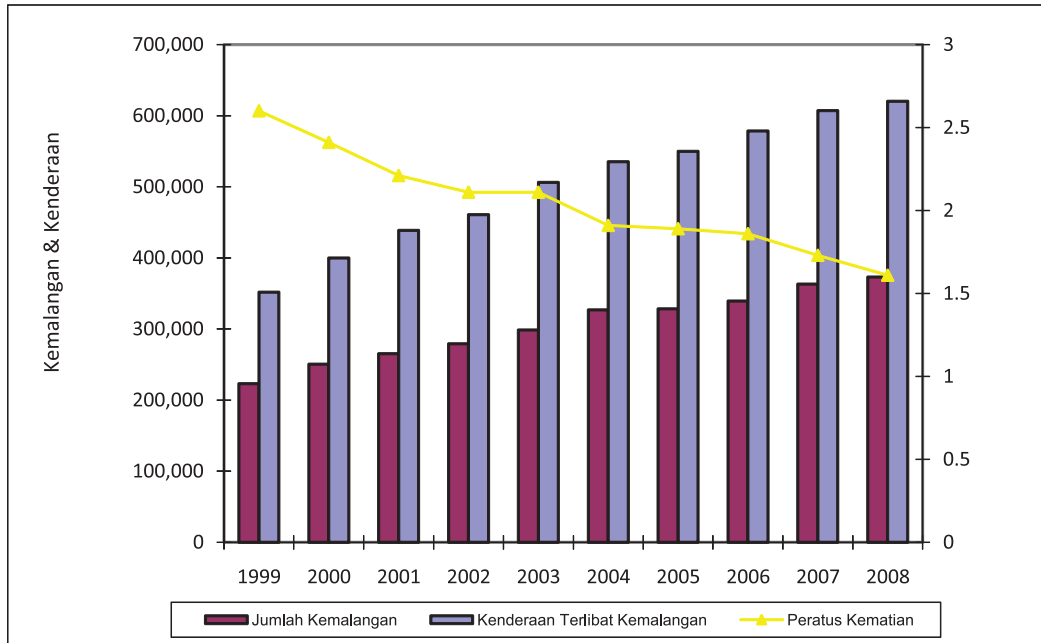
Carta

Chart



JUMLAH KEMALANGAN JALAN RAYA DAN PERATUS KEMATIAN AKIBAT KEMALANGAN, MALAYSIA, 1999 - 2008

Total Road Accidents and Fatalities Caused By Accidents, Malaysia, 1999 - 2008



SUMBER : POLIS DIRAJA MALAYSIA

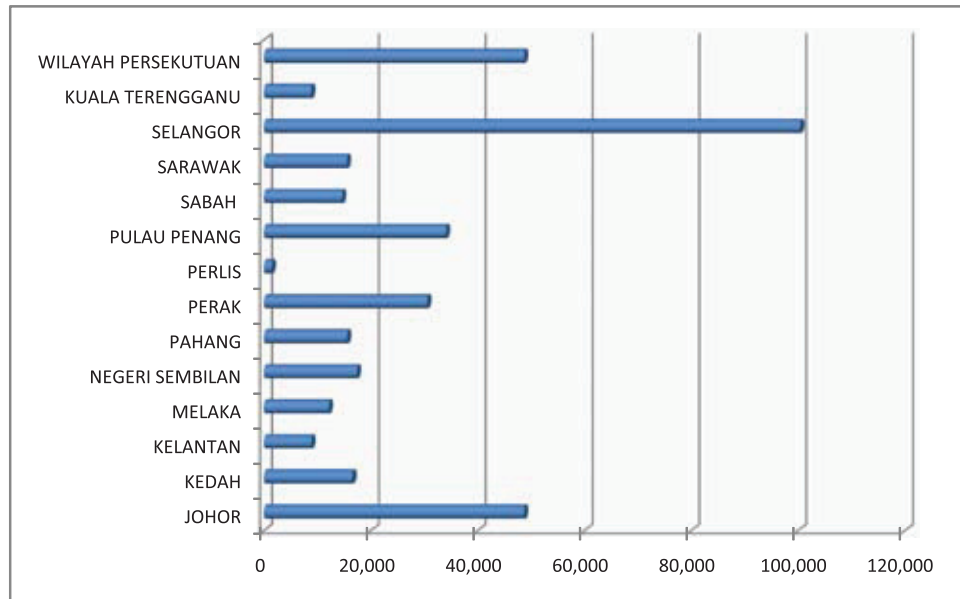
Source : Royal Malaysian Police





JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2008

Total Road Accidents by State, Malaysia, 2008



SUMBER : POLIS DIRAJA MALAYSIA

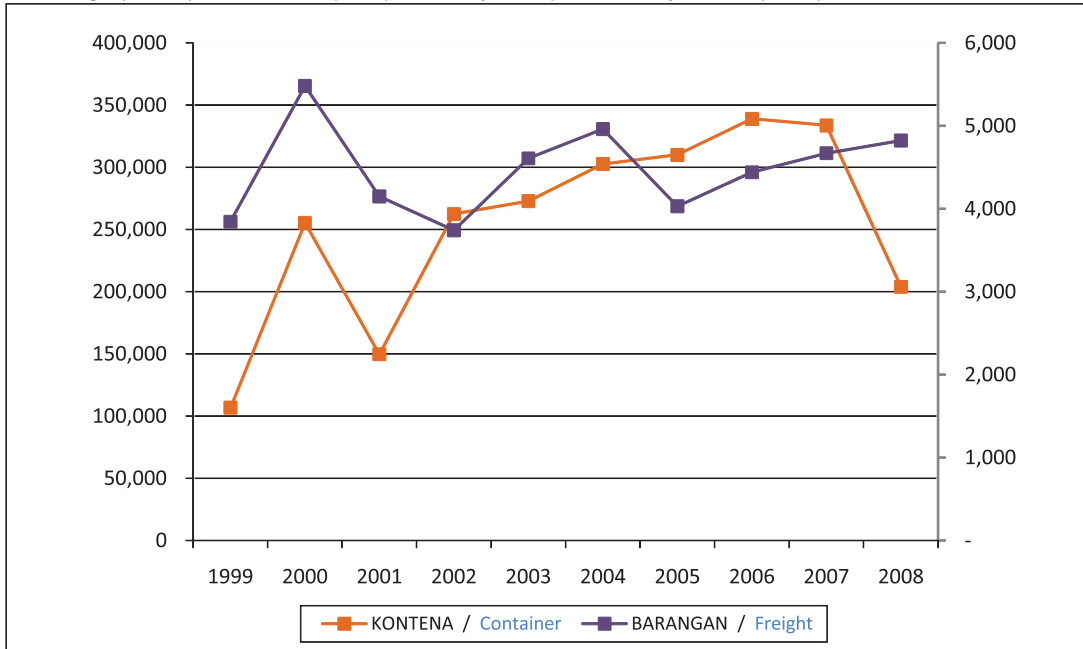
Source : Royal Malaysian Police





JUMLAH BARANGAN (Tan) DAN KONTENA (TEUs) YANG DIKENDALIKAN OLEH KERETAPI TANAH MELAYU BERHAD (KTMB), 1999 - 2008

Total Freight (Tonnes) and Containers (TEUs) Handled by Keretapi Tanah Melayu Berhad (KTMB), 1999 - 2008



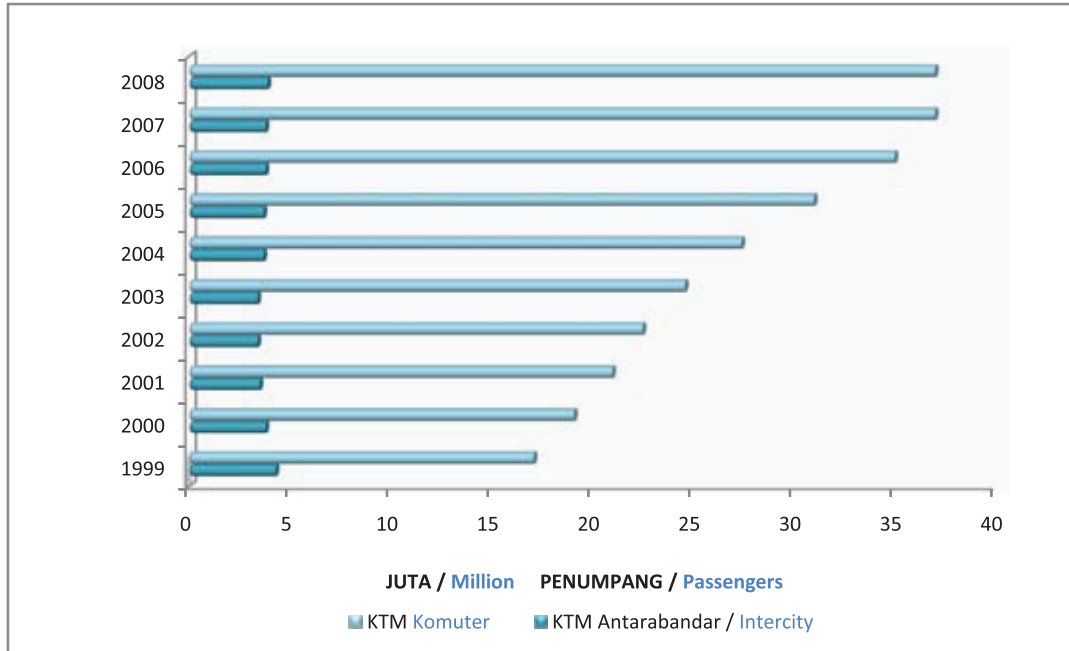
SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)





JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH KERETAPI TANAH MELAYU BERHAD (KTMB), 1999 - 2008
Total Passengers Handled by Keretapi Tanah Melayu Berhad (KTMB), 1999 - 2008



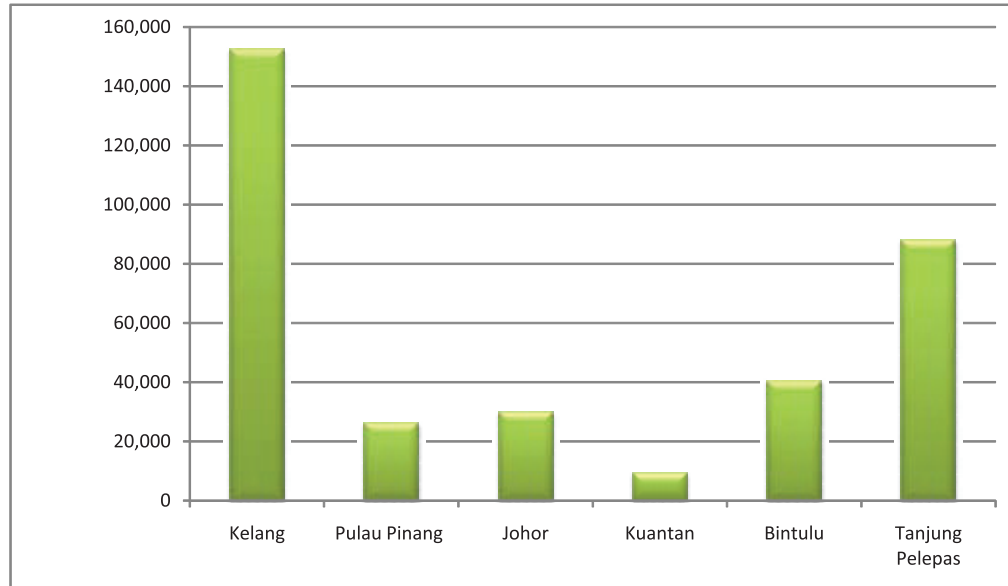
SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)





JUMLAH KARGO YANG DIKENDALIKAN DI PELABUHAN - PELABUHAN TERPILIH, 2008
Total Cargo Throughput By Selected Ports, 2008



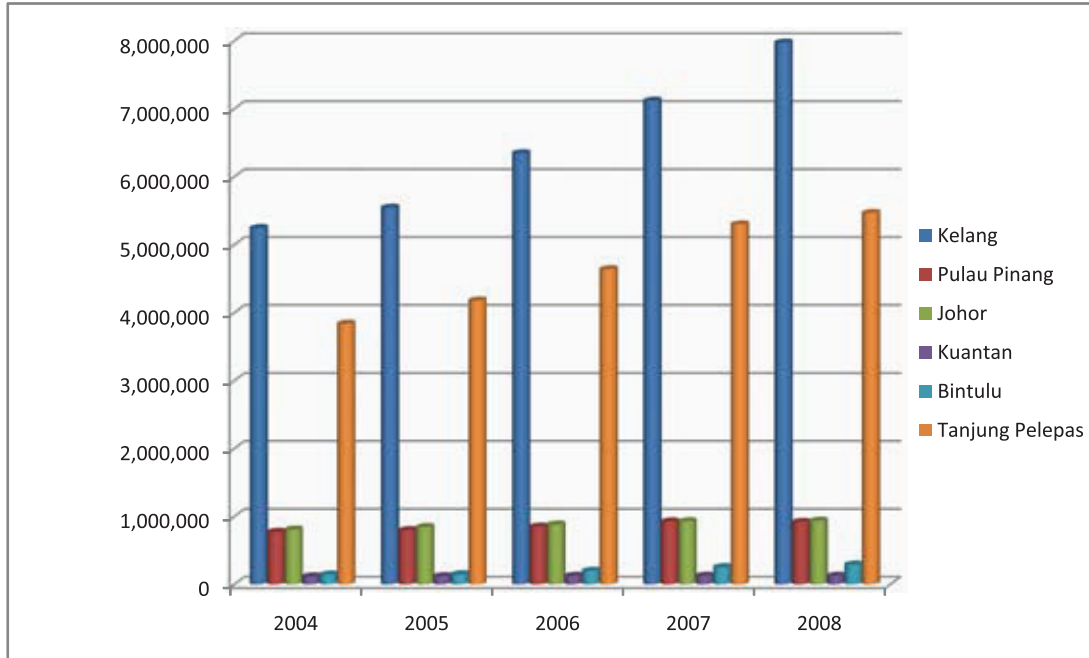
SUMBER : SEMUA PELABUHAN YANG DINYATAKAN DI ATAS
Source : All Ports Mentioned Above





JUMLAH PENGENDALIAN KONTENA OLEH PELABUHAN - PELABUHAN TERPILIH, 2004 - 2008

Total Containers Handled By Selected Ports, 2004 - 2008



SUMBER : SEMUA PELABUHAN YANG DINYATAKAN DI ATAS

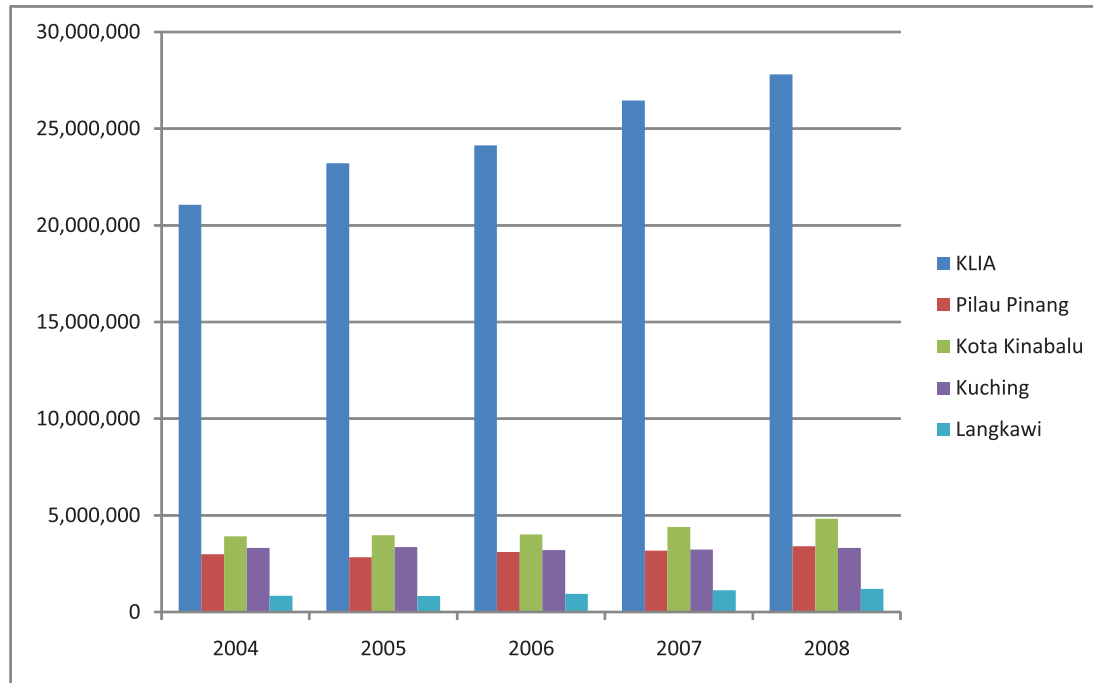
Source : All Ports Mentioned Above





JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2004 - 2008

Total Passengers Handled By International Airports, Malaysia, 2004 - 2008



SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

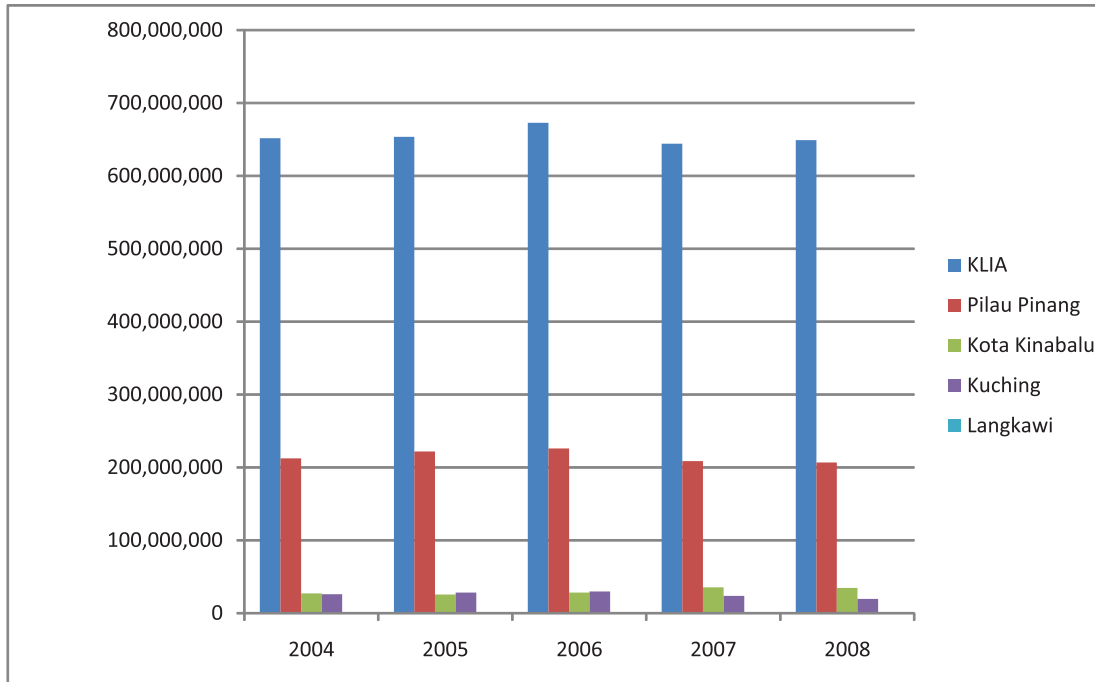
Source : [Malaysia Airports Holdings Berhad](#)





JUMLAH KARGO YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2004 - 2008

Total Cargo Handled By International Airports, Malaysia, 2004 - 2008



SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : [Malaysia Airports Holdings Berhad](#)



Pengangkutan Darat

Land Transport

JADUAL 1.3 : BILANGAN LESEN YANG DIKELUARKAN OLEH LEMBAGA PERLESENAN KENDERAAN PERDAGANGAN (LPKP) MENGIKUT KELAS LESEN, SEMENANJUNG MALAYSIA, 1999 - 2008

Table 1.3 : Number of Licenses Issued by Commercial Vehicle Licensing Board (CVLB), by Class of Licenses, Peninsular Malaysia, 1999 - 2008

KELAS LESEN Class of Licenses	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
BAS Buses										
BERHENTI-HENTI Stage	181	45	191	363	97	151	519	361	540	513
EKSPRES Express	149	46	290	522	432	177	111	60	356	389
MINI Mini	50	36	5	47	12	13	19	-	11	12
PEKERJA Employees	328	339	785	642	596	347	260	128	361	675
PENGANTARA Feeder	5	-	-	54	11	11	8	14	-	58
CATAR Chartered	-	-	-	-	-	-	11*	5	19	378
SEKOLAH School	398	458	737	964	743	537	635	299	846	1,423
JUMLAH Total	1,111	924	2,008	2,592	1,891	1,236	1,552	867	2,133	3,448
LORI Lorries										
"A"	3,454	8,857	9,644	10,356	4,540	5,085	5,373	3,875	12,492	14,913
"C"	839	912	1,653	2,203	1,130	834	714	554	1,746	2,061
JUMLAH Total	4,293	9,769	11,297	12,559	5,670	5,919	6,087	4,429	14,238	16,974
TEKSI Taxi										
SEWA Hire	693	169	487	672	306	105	4	43	257	255
SEWA PANDU SENDIRI Hire & Drive	352	606	1	109	597	318	1,491	1,709	1,155	1,388
TEKSI Taxi	402	188	804	6,856	1,314	602	1,099	237	689	624
LAPANGAN TERBANG Airport	2	-	101	-	-	1	313	360	228	498
LIMOUSIN Limousine	48	45	93	114	48	40	72	25	292	131
JUMLAH Total	1,497	1,008	1,486	7,751	2,265	1,066	2,979	2,374	2,621	2,896
JUMLAH KESELURUHAN Grand Total	6,901	11,701	14,791	22,902	9,826	8,221	10,618	7,670	18,992	23,318

SUMBER : EXECUTIVE INFORMATION SYSTEM (E.I.S), LEMBAGA PERLESENAN KENDERAAN PERDAGANGAN, KEMENTERIAN PEMBANGUNAN USAHAWAN DAN KOPERASI

Source : Executive Information System (E.I.S), Commercial Vehicles Licensing Board, Ministry of Entrepreneur and Cooperative Development

* : Pada tahun 2005, Lembaga Perlesenan Kendaraan Perdagangan (LPKP) telah memperkenalkan kelas lesen bas catar

: Class of chartered bus licenses was introduced by Commercial Vehicles Licensing Board (CVLB) in 2005

JADUAL 1.4 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 1999 - 2008
Table 1.4 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 1999 - 2008

BIL No	STESAN Station	KM	LOKASI Location	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
PERAK													
1	AR 101	106.6	Ipoh - Tanjung Malim (Slim River toll house)	n.a	7,731	11,307	9,515	10,416	11,246	11,892	13,555	16,031	13,854
2	AR 204	78.9	Ipoh - Lumut	n.a	16,714	22,282	18,402	19,576	19,594	19,764	20,907	21,192	21,138
3	AR 301	35.9	Ipoh - Kampar	n.a	21,359	27,971	22,421	23,403	23,243	22,677	24,314	20,703	23,050
4	AR 303	5.6	Ipoh - Gopeng	n.a	56,345	69,185	57,666	56,044	57,852	58,955	62,597	66,573	71,205
5	AR 501	30.4	Ipoh - Kuala Kangsar (500m north of Sg. Siput town)	n.a	13,593	17,441	15,474	14,510	15,298	15,079	15,399	17,927	18,036
6	AR 601	79.7	Ipoh - Batu Hampar - Changkat Jering	n.a	5,778	3,631	5,865	5,984	3,068	9,527	15,758	13,152	16,091
7	AR 603	82.1	Ipoh - Changkat Jering - Semanggol	n.a	11,749	17,558	15,466	13,374	15,442	8,817	2,667	16,365	10,034
8	AR 703	106.3	Ipoh - Teluk Intan - Simpang Empat	n.a	18,937	23,756	9,994	20,345	20,976	21,284	23,258	5,774	24,244
9	AR 801	96.6	Ipoh - Kuala Kangsar - Gerik	n.a	5,268	5,456	6,235	6,563	6,798	6,931	4,169	5,774	2,509
10	AR 803	2.4	Lebuh Raya Timur - Barat	n.a	1,750	2,616	2,280	1,996	2,269	2,608	2,906	3,124	2,945
SELANGOR													
11	BR 102	3.5	Klang - Port Klang (Jalan Watson)	n.a	43,296	59,254	26,409	48,319	47,213	45,006	35,132	47,105	47,817
12	BR 108	-	300m From The Federal Highway's Junction - North Klang Straits Bypass	n.a	89,043	144,718	99,279	107,975	112,600	111,393	109,893	117,571	129,408
13	BR 203	48.3	Klang - Morib - Batu Laut	n.a	5,869	7,630	5,904	5,913	6,445	6,311	6,709	6,400	6,711
14	BR 405	45.1	Kuala Lumpur - Kepong - Kuala Selangor	n.a	19,915	35,874	23,956	23,096	19,427	20,593	21,287	22,675	19,991
15	BR 501	72.1	Klang - Sabak Bernam	n.a	14,612	21,243	15,045	14,145	13,782	15,230	17,456	19,393	17,977
16	BR 604	21.7	Kuala Lumpur - Kajang	n.a	n.a	-	-	n.a	48,722	53,115	56,808	26,712	56,634
17	BR 701	58.6	Kuala Lumpur - Kuala Kubu Baru junction (south of junction)	n.a	7,721	12,569	9,222	9,741	8,883	9,396	9,896	11,712	12,307
18	BR 902	19.0	Kuala Lumpur - Karak Highway	n.a	81,954	159,309	62,906	137,364	138,783	146,831	141,362	172,362	137,870
PAHANG													
19	CR 102	67.0	Kuala Lumpur-Kuantan (along KL-Karak Highway)	n.a	13,946	24,121	16,131	16,348	16,350	17,038	19,707	22,273	20,703
20	CR 403	233.0	Kuantan-Maran	n.a	199,764	32,294	18,944	20,790	18,783	20,345	22,293	24,943	23,395
21	CR 410	32.5	Kuantan-Kemaman	n.a	13,688	25,368	16,470	16,098	15,316	16,470	188,840	23,396	20,260
22	CR 503	282.0	Kuala Lumpur-Kuala Lipis-Kampung Padang Tuanku-Kota Bharu	n.a	4,639	6,315	4,796	5,051	5,890	5,726	6,134	6,605	6,609
23	CR 603	3.0	Pekan-Nenasi	n.a	4,705	7,287	5,665	6,881	6,651	6,450	6,513	6,774	5,746
24	CR 801	115.0	Kuantan-Karak	n.a	14,852	18,507	15,938	16,616	13,474	13,906	11,003	12,429	11,567
25	CR 805	189.0	Kuantan-Maran	n.a	9,265	16,460	11,309	11,848	8,820	8,871	6,832	6,800	6,587
26	CR 902	-	Kuantan-Segamat (400m. Bkt. Ibam-Rompin junction north bound)	n.a	5,680	8,769	6,412	6,571	7,159	6,828	6,634	6,708	7,316

JADUAL 1.4 (SAMB.) : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 1999 - 2008
Table 1.4 (Cont'd) : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 1999 - 2008

BIL No	STESEN Station	KM	LOKASI Location	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
KELANTAN													
27	DR 201	19.3	Kota Bharu - Melor	n.a	20,569	19,618	24,235	23,218	28,378	24,934	22,900	40,141	29,890
28	DR 603	6.1	Km Lebuhraya Timur-Barat	n.a	3,521	3,662	-	4,287	4,229	4,509	4,807	5,572	2,704
29	DR 802	61.5	Kota Bharu - Kuala Krai	n.a	12,405	12,780	13,072	13,464	14,501	14,502	16,932	19,526	18,707
JOHOR													
30	JR 101	142.0	Johor Bahru - Batu Pahat - Muar	n.a	10,111	15,517	9,967	12,739	11,956	11,577	11,086	12,172	10,736
31	JR 104	127.2	Johor Bahru - Yong Peng - Muar	n.a	8,201	14,133	8,309	9,775	8,494	10,052	17,891	27,608	32,094
32	JR 108	116.0	Johor Bahru - Segamat	n.a	9,399	14,661	9,723	10,050	10,334	10,030	11,281	12,558	12,732
33	JR 205	12.7	Johor Bahru - Skudai	n.a	138,142	259,564	200,828	206,699	199,931	191,864	199,433	187,687	407,454
34	JR 218	-	1000m east junction to Masai	n.a	49,936	69,973	45,572	26,633	46,128	51,142	45,330	42,184	86,914
35	JR 305	76.0	Johor Bahru - Ayer Hitam	n.a	12,088	17,367	11,862	12,368	13,434	13,590	15,248	15,381	14,708
36	JR 306	49.5	Batu Pahat - Ayer Hitam - Kluang	n.a	28,824	46,341	33,247	32,325	34,299	30,642	31,429	30,941	33,897
37	JR 404	38.6	Johor Bahru - Kota Tinggi	n.a	17,187	25,747	18,960	18,761	20,418	9,799	19,289	18,786	5,231
38	JR 501	135.2	Johor Bahru - Endau (2.4km north of Mersing town)	n.a	9,827	15,614	10,617	12,157	13,507	13,986	17,332	18,354	17,192
39	JR 503	111.1	Johor Bahru - Kota Tinggi - Jemaluang (500 m south of Jemaluang)	n.a	3,502	5,143	3,643	3,917	4,000	5,970	4,049	4,336	4,246
40	JR 702	60.0	Johor Bahru - Pontian Kecil - Pontian Besar (near Pontian Hospital)	n.a	30,693	43,926	35,982	43,411	13,534	14,191	20,095	13,299	17,789
41	JR 801	199.5	Johor Bahru - Segamat - Batu Anam	n.a	9,423	13,530	10,364	10,464	10,932	10,947	12,282	13,707	14,145
KEDAH													
42	KR 202	20.6	Alor Setar - Changlun	n.a	27,928	35,246	28,551	30,168	33,110	32,409	37,853	35,020	51,314
43	KR 401	70.8	Alor Setar - Sungai Petani - Butterworth	n.a	18,759	29,153	20,567	21,967	21,885	22,259	21,067	20,419	16,123
44	KR 501	29.0	Alor Setar - Sungai Petani	n.a	18,408	26,614	18,769	18,535	18,893	19,452	20,396	25,382	17,586
MELAKA													
45	MR 206	22.9	Melaka - Muar	n.a	23,610	23,118	24,105	24,798	23,144	23,019	24,404	15,027	14,057
46	MR 301	25.0	Melaka - Kendong	n.a	19,103	20,074	18,546	20,678	19,873	16,414	9,971	11,235	11,057
47	MR 313	43.5	Melaka - Lubok Cina	n.a	5,198	5,613	5,828	6,164	6,246	6,068	7,255	9,310	8,179

JADUAL 1.4 (SAMB.) : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 1999 - 2008
Table 1.4 (Cont'd) : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 1999 - 2008

BIL No	STESEN Station	KM	LOKASI Location	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
NEGERI SEMBILAN													
48	NR 304	21.7	Seremban - Port Dickson	n.a	30,915	31,273	31,289	34,421	41,492	41,561	4,709	59,699	68,327
49	NR 403	42.7	Seremban - Tampin	n.a	12,084	11,545	12,848	13,733	13,076	13,191	13,074	13,405	12,990
50	NR 501	20.0	Seremban - Kuala Lumpur	n.a	13,078	13,495	15,145	13,495	12,718	13,410	14,844	15,723	14,329
51	NR 505	9.3	Seremban - Tampin (500 m outside town area)	n.a	38,340	42,509	39,776	40,978	41,027	43,096	39,714	39,540	38,197
PULAU PINANG													
52	PR 116	16.9	Butterworth - Taiping	n.a	31,220	41,757	32,490	35,534	34,280	34,076	50,151	49,833	53,451
53	PR 201	11.1	Georgetown - Teluk Bahang (Jln. Kelling Pulau)	n.a	19,253	23,851	17,902	19,425	20,717	20,242	22,884	25,931	24,392
54	PR 203	57.2	Georgetown - Bayan Lepas - Gelugor (Jln. Kelling Pulau)	n.a	38,646	51,295	34,937	36,582	36,122	36,412	41,843	42,223	43,232
PERLIS													
55	RR 105	3.2	Kangar - Alor Setar (Melalui Simpang Empat)	n.a	16,337	17,781	16,098	16,177	17,317	10,056	9,823	21,939	20,769
KUALA TERENGGANU													
56	TR 103	61.5	K. Terengganu - Jerteh - Kota Bharu	n.a	14,767	15,321	12,766	14,434	18,382	18,805	19,007	20,255	23,357
57	TR 202	78.9	K. Terengganu - Dungun - Kemaman	n.a	7,453	9,075	9,404	9,604	13,842	11,688	20,955	26,801	23,463
58	TR 305	48.0	Kuantan - K. Terengganu (Jln. Jabor-Jerangau)	n.a	3,294	3,554	3,671	3,872	4,112	4,033	4,079	5,762	5,363
59	TR 402	17.0	K. Terengganu - Kuantan	n.a	18,366	19,159	20,000	21,602	22,063	11,594	24,524	25,042	24,933
60	TR 502	33.0	K. Terengganu - Kg. Ajil - Jerangau	n.a	7,881	10,094	9,928	13,725	10,830	11,149	12,216	11,448	13,132
KUALA LUMPUR													
61	WR 102	12.1	Kuala Lumpur - Ipoh	n.a	152,901	144,027	156,842	164,701	152,455	155,016	150,874	171,266	161,161
62	WR 103	8.1	Kuala Lumpur - Ipoh	-	-	-	-	-	192,095	185,828	206,484	202,018	205,867
63	WR 105	8.1	Kuala Lumpur - Seremban Expressway	n.a	180,382	199,187	213,363	213,158	208,656	226,019	245,799	265,025	229,713

SUMBER : KEMENTERIAN KERJA RAYA

Source : Ministry of Works

JADUAL 1.5 : PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 1999 - 2008
Table 1.5 : Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 1999 - 2008

BIL No	STESEN Station	KM	LOKASI Location	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
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
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
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
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
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
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
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
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
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
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
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
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
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
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
15	SR 503	1.6	Limbang - Brunei Border (Sg.Padaruan)	-	14,209	15,074	20,510	20,944	21,535	18,016	16,317	14,301	16,319
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

SUMBER : KEMENTERIAN KERJA RAYA

Source : Ministry of Works

JADUAL 1.6 : KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2008
Table 1.6 : Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2008

BIL No	STESAN 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
SEMANJUNG MALAYSIA Peninsular Malaysia									
1	JR 203	Johor Bahru - Air Hitam	25,538	60	9	11	6	2	13
2	JR 501	Johor Bahru - Endau	16,300	47	9	6	5	1	32
3	NR 501	Seremban - Kuala Lumpur	13,937	60	5	12	6	1	16
4	PR 115	Butterworth - Taiping	34,503	53	6	9	3	1	28
5	AR 301	Ipoh - Kampar	23,485	57	7	10	7	3	17
6	KR 501	Alor Setar - Sungai Petani	16,523	53	9	8	4	1	26
7	CR 805	Kuantan - Maran	6,383	58	10	8	7	1	16
8	CR 902	Persimpangan Bukit Iban - Rompin Di Lebuhraya Kuantan - Segamat	7,124	55	12	11	11	1	10
9	TR 402	Kuala Terengganu - Kuantan	24,443	65	8	5	2	1	20
10	DR 802	Kota Bharu - Kuala Krai	18,346	58	15	9	3	1	15
SABAH									
1	HR 201	Kota Kinabalu - Papar	6,144	60	21	8	4	1	6
12	HR 501	Tawau - Semporna	15,823	40	25	17	5	4	11
SARAWAK									
13	SR 103	Kuching - Serian	20,081	53	10	10	5	2	20
14	SR 402	Bintulu - Miri	5,376	36	24	16	16	2	6

SUMBER : KEMENTERIAN KERJA RAYA

Source : Ministry of Works

JADUAL 1.7 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 1999 - 2008

Table 1.7 : Total Road Accidents by States, Malaysia, 1999 - 2008

NEGERI State	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
JOHOR	28,605	32,459	33,398	34,275	36,445	41,854	42,606	43,757	46,584	48,667
KEDAH	10,831	11,504	12,022	12,423	12,456	14,196	14,484	15,505	16,172	16,520
KELANTAN	5,326	5,984	5,814	6,166	6,882	7,253	7,126	7,337	8,116	8,842
MELAKA	7,110	8,195	8,899	9,462	10,122	11,020	10,321	10,707	11,720	12,105
NEGERI SEMBILAN	11,141	12,087	12,737	13,410	13,868	14,505	14,461	15,197	16,079	17,362
PAHANG	7,608	8,788	10,053	10,722	12,303	13,349	13,381	13,242	13,982	15,548
PERAK	21,054	23,351	23,698	25,245	25,948	27,542	27,225	27,432	29,203	30,539
PERLIS	900	921	997	992	1,101	1,073	1,037	1,160	1,364	1,417
PULAU PINANG	17,914	22,326	25,862	26,419	27,817	31,008	30,934	32,573	33,881	34,049
SABAH	9,104	9,667	10,073	10,244	11,071	12,018	12,760	13,550	14,256	14,588
SARAWAK	8,588	9,615	10,714	11,501	12,483	13,865	14,209	14,808	15,196	15,488
SELANGOR	54,171	62,386	67,009	73,604	80,074	87,891	87,705	90,632	99,157	100,380
TERENGGANU	5,960	5,865	5,812	5,851	6,589	7,003	7,078	7,098	8,155	8,814
WILAYAH PERSEKUTUAN Federal Territory	34,804	37,281	38,087	39,397	41,492	44,240	45,000	46,254	49,454	48,671
JUMLAH Total	223,116	250,429	265,175	279,711	298,651	326,817	328,327	339,252	363,319	372,990

SUMBER : POLIS DIRAJA MALAYSIA

Source : Royal Malaysian Police

JADUAL 1.8 : JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 1999 - 2008

Table 1.8 : Total Motor Vehicles Involved in Road Accidents by Type of Vehicle, Malaysia, 1999 - 2008

TAHUN Year	MOTOSIKAL Motorcycle	MOTOKAR Motor car	VAN Van	BAS Bus	LORI Lorries	PEMACU 4 RODA 4 Wheel Drive	TEKSI Taxi	BASIKAL Bicycle	LAIN - LAIN Others	JUMLAH Total
1999	76,032	227,705	18,402	9,721	31,580	9,094	6,773	3,526	7,841	390,674
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

SUMBER : POLIS DIRAJA MALAYSIA

Source : Royal Malaysian Police

JADUAL 1.9 : JUMLAH KEMATIAN MENGIKUT BULAN DAN NEGERI, MALAYSIA, 2008

Table 1.9 : Total Fatalities by Month and States, Malaysia, 2008

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	81	100	92	93	87	97	85	82	72	94	76	106	1,065
KEDAH	52	32	31	38	42	45	61	41	40	47	30	37	496
KELANTAN	22	36	28	32	33	51	17	34	32	37	28	30	380
MELAKA	23	19	18	20	21	12	14	29	22	20	21	24	243
NEGERI SEMBILAN	18	32	40	22	51	32	30	26	37	35	33	33	389
PAHANG	40	40	40	31	44	39	33	44	35	23	34	43	446
PERAK	71	59	81	78	68	67	56	74	86	64	70	55	829
PERLIS	10	3	13	6	5	6	4	5	5	3	4	5	69
PULAU PINANG	31	28	31	19	31	33	29	39	28	31	25	29	354
SABAH	18	24	26	33	38	31	24	21	22	45	20	23	325
SARAWAK	29	23	25	30	19	24	28	23	33	33	23	28	318
SELANGOR	101	71	114	89	102	93	85	91	75	98	78	86	1,083
TERENGGANU	29	21	23	14	26	12	25	28	26	30	29	30	293
WILAYAH PERSEKUTUAN Federal Territory	31	21	16	12	23	13	18	25	15	16	25	22	237
JUMLAH Total	556	509	578	517	590	555	509	562	528	576	496	551	6,527

SUMBER : POLIS DIRAJA MALAYSIA

Source : Royal Malaysian Police

JADUAL 1.10 : JUMLAH KEMALANGAN JALAN RAYA, MALAYSIA, 1999 - 2008
Table 1.10 : Total Road Accidents by States, Malaysia, 1999 - 2008

TAHUN Year	JUMLAH KEMALANGAN Total Number of Accidents	KECEDERAAN DAN KEMATIAN Casualties			
		MATI Fatal	PARAH Serious	RINGAN Minor	JUMLAH Total
1999	223,116	5,791	10,383	36,886	53,060
2000	250,429	6,035	9,773	34,246	50,054
2001	265,175	5,849	8,680	35,944	50,473
2002	279,237	5,887	8,424	35,171	49,482
2003	298,653	6,286	9,040	37,415	52,741
2004	326,817	6,223	9,230	38,631	54,084
2005	328,264	6,200	9,395	31,417	47,012
2006	339,252	6,287	9,253	19,885	35,425
2007	363,319	6,282	9,273	18,444	33,999
2008	372,990	5,979	7,005	12,878	25,862

SUMBER : POLIS DIRAJA MALAYSIA
Source : Royal Malaysian Police

JADUAL 1.11 : JUMLAH KELULUSAN DAN PENDAFTARAN LESEN BAS DAN KERETA SEWA DAN PANDU, MALAYSIA, 2008
Table 1.11 : Total Approved and Registered Licences for Excursion Buses and Hire and Drive Cars, Malaysia

NEGERI State	JUMLAH LESEN OLEH KPL Total Licences Issued by KPL		JUMLAH LESEN YANG DIDAFTAR Total Registered Licence		JUMLAH LESEN BELUM DIDAFTAR Total Unregistered Licence	
	BAS PERSIARAN Excursion Bus	SEWA DAN DIPANDU Hire And Drive	BAS PERSIARAN Excursion Bus	SEWA DAN DIPANDU Hire And Drive	BAS PERSIARAN Excursion Bus	SEWA DAN DIPANDU Hire And Drive
JOHOR	609	560	396	73	213	487
KEDAH	585	902	145	183	440	719
KELANTAN	86	185	24	3	62	182
MELAKA	161	149	52	25	109	124
NEGERI SEMBILAN	118	207	79	15	39	192
PAHANG	194	323	33	9	161	314
PERAK	250	302	171	39	79	263
PERLIS	27	28	13	3	14	25
PULAU PINANG	496	1,445	374	433	122	1,012
SARAWAK	257	659	157	453	100	206
SABAH	687	1,762	521	1,266	166	496
SELANGOR	669	1,733	420	245	249	1,488
TERENGGANU	219	448	67	5	152	443
WILAYAH PERSEKUTUAN Federal Territory	2,074	13,141	1,455	11,858	619	1,283
JUMLAH Total	6,432	21,844	3,907	14,610	2,525	7,234

SUMBER : KEMENTERIAN PELANCONGAN

Source : Ministry of Tourism

* Statistik bas persiaran dan kereta sewa dan pandu adalah jumlah terkumpul sehingga 2008

* Kolum Jumlah Lesen Belum Didaftar adalah termasuk jumlah belum daftar, dibatalkan lesen dan yang terbatal.

PENGANGKUTAN DARAT:REL

LAND TRANSPORT:Rail

JADUAL 2.1 : STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 1999 - 2008

Table 2.1 : Keretapi Tanah Melayu Berhad (KTMB) Traffic Statistics, 1999 - 2008

TAHUN Year	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)
1999	4,344	1,316	3,845	907	106,744	17,168	37,717,603
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

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.2 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 1999 - 2008

Table 2.2 : Number of Passengers and Kilometres by Classes, 1999 - 2008

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
1999	97.0	1,608.0	2,639.0	4,344.0	47.1	713.3	555.4	1,315.8
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

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.3 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 1999 - 2008
Table 2.3 : Number of Passengers and Passenger Kilometres for Express Services, 1999 - 2008

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
1999	39	390	-	429	18.3	174.4	-	192.7	30	243	98	371	12.3	101.1	28.5	141.9
2000	32	376	-	408	15.2	165.5	-	180.7	25	227	45	297	18.5	96.3	12.2	127.0
2001	30	296	-	326	14.1	126.0	-	140.1	25	181	-	206	10.4	78.0	-	88.4
2002	29	236	-	265	13.0	97.0	-	110.0	23	165	-	188	9.1	70.0	-	79.1
2003	24	208	-	232	10.3	84.6	-	94.9	5	45	-	50	2.0	18.1	-	20.1
2004	29	241	-	270	13.5	99.7	-	113.2	20	141	-	161	8.1	57.9	-	66.0
2005	27	233	-	260	12.5	95.6	-	108.1	27	172	7	206	10.4	67.8	3.6	81.8
2006	28	231	-	259	12.1	92.4	-	104.5	26	180	3	210	9.9	69.0	1.7	80.6
2007	30	228	-	258	9.0	52.0	-	61.0	29	205	13	247	6.0	42.0	2.0	50.0
2008	51	322	-	373	22.0	136.0	-	158.0	34	212	22	268	12.0	84.0	8.0	104.0
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
1999	9	122	53	184	3.3	50.9	20.0	74.2	6	83	326	415	2.6	45.0	167.0	215.3
2000	10	167	144	321	35.0	66.0	45.0	115.0	6	95	325	426	2.7	53.8	177.4	233.9
2001	10	209	189	408	8.2	76.2	55.6	140.0	7	100	321	428	2.7	57.9	172.4	233.0
2002	11	231	214	456	3.7	79.3	60.4	143.4	7	101	318	426	2.7	58.5	168.5	229.7
2003	10	232	232	474	3.4	74.5	62.9	140.8	6	108	297	411	2.3	61.5	153.9	217.7
2004	12	237	269	517	4.1	77.4	75.4	156.9	8	129	301	439	3.3	69.2	159.7	232.2
2005	13	182	312	507	6.0	78.0	96.2	180.2	9	138	301	448	4.1	74.6	157.7	236.4
2006	11	178	379	568	5.0	81.2	123.0	209.2	8	140	314	462	3.6	74.2	164.8	242.6
2007	11	184	387	582	3.0	47.0	62.0	112.0	7	149	299	455	2.0	43.0	92.0	137.0
2008	12	208	407	627	6.0	98.0	136.0	240.0	11	165	307	483	5.0	89.0	166.0	260.0

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)
Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.3 (SAMB.) : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 1999 - 2008
Table 2.3 (Cont'd) : Number of Passengers and Passenger Kilometres for Express Services, 1999 - 2008

EKSPRES / Express TIMURAN							
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
-	-	-	-	-	-	-	-
-	161	181	342	-	87.3	99.7	187.0
-	157	179	336	-	87.9	98.9	186.8
-	166	165	331	-	90.7	90.7	181.4
-	158	159	317	-	85.0	84.1	169.1
-	180	189	369	-	96.3	99.6	195.9
-	192	207	399	-	103.4	106.7	210.1
-	206	208	414	-	108.1	114.6	222.7
-	233	248	481	-	59.0	65.0	124.0
-	248	209	457	-	125.0	153.0	278.0

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.4 : TRAFIK BARANGAN MENGIKUT JENIS KARGO, 1999 - 2008

Table 2.4 : Freight Traffic by Type of Cargo, 1999 - 2008

JENIS KARGO Type of Cargo	' 000	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
SIMEN & KLINKER	Tonne	1,281	1,236	1,181	1,061	856	942	1,029	1,229	1,345	1,474
Cement & Clinker	t km	424,055	218,864	379,143	330,382	238,840	282,838	293,139	313,420	356,299	390,869
KONTENA PERKAPALAN	Tonne	1,570	2,685	1,796	1,658	2,749	3,103	2,103	2,260	2,257	2,272
Maritime Container	t km	250,402	442,548	399,655	419,098	284,612	401,679	508,391	687,751	507,900	490,127
PETROL & MINYAK GALIAN	Tonne	241	261	258	218	127	72	57	64	75	45
Petrol & Mineral Oil	t km	55,052	46,834	67,871	62,547	41,198	23,017	17,763	19,808	23,964	13,935
MAKANAN & MINUMAN PROSES	Tonne	158	174	224	249	242	288	357	362	429	433
Processed Food & Drink	t km	71,092	31,554	101,555	188,931	206,111	219,536	267,898	285,084	323,857	315,429
BERAS, PADI & BRAN	Tonne	-	-	-	-	-	-	-	-	-	-
Rice, Paddy & Bran	t km	-	-	-	-	-	-	-	-	-	-
GETAH	Tonne	2	-	-	-	1	4	-	-	-	-
Rubber	t km	783	-	-	267	17	20	-	-	-	-
GETAH CECAIR	Tonne	2	-	-	-	-	10	-	-	-	-
Latex	t km	534	-	-	108	28	14	1	1	-	-
KAYU BALAK	Tonne	13	23	12	2	-	-	-	1	-	-
Logs	t km	4,906	3,247	4,946	420	-	-	-	-	-	-
KAYU GERGAJI	Tonne	6	4	2	-	-	-	-	1	-	-
Swan Timber	t km	2,699	666	393	-	-	-	-	-	-	-
BIJIH & LAIN-LAIN GALIAN	Tonne	106	76	103	-	80	90	59	21	10	11
Ore & Other Minerals	t km	32,260	13,710	42,065	-	22,961	22,268	12,654	1,156	182	1,573
KIMIA	Tonne	251	363	383	378	375	346	310	371	384	347
Chemicals	t km	18,770	53,111	28,011	25,343	23,433	21,527	20,682	23,053	23,611	21,935
MINYAK MAKAN	Tonne	-	-	-	-	-	-	-	-	-	-
Edible Oil	t km	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN	Tonne	215	155	192	237	178	107	115	131	70	138
Others	t km	47,361	35,266	70,504	79,575	69,152	60,618	57,082	71,391	59,363	44,244
JUMLAH	Tonne	3,845	4,977	4,151	3,803	4,608	4,962	4,031	4,440	4,569	4,720
Total	t km	907,903	845,800	1,094,143	1,106,853	886,352	1,031,517	1,177,610	1,401,662	1,295,176	1,278,112

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.5 : JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 1999 - 2008
Table 2.5 : Goods Revenue by Type of Cargo, 1999 - 2008

RM ' 000

JENIS KARGO Type of Cargo	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
SIMEN & KLINKER Cement & Clinker	22,346	22,052	20,970	19,698	15,475	17,350	19,887	20,996	24,345	26,200
KONTENA PERKAPALAN Maritime Container	26,808	47,113	52,153	57,561	60,548	71,751	65,391	70,062	46,520	43,871
PETROL & MINYAK GALIAN Petrol & Mineral Oil	5,064	5,768	5,689	5,050	3,258	1,738	1,979	2,253	25,846	20,500
MAKANAN & MINUMAN PROSES Processed Food & Drink	3,609	4,163	5,480	6,824	7,085	7,787	9,177	9,583	2,866	11,706
BERAS, PADI & BRAN Rice, Paddy & Bran	-	-	-	-	-	-	-	-	11,770	-
GETAH Rubber	51	-	-	-	204	1	-	-	-	-
GETAH CECAIR Latex	84	-	-	-	16	4	-	-	-	-
KAYU BALAK Logs	370	633	255	34	-	-	-	27	-	-
KAYU GERGAJI Sawn Timber	70	43	41	1	-	-	-	41	-	-
BIJIH & LAIN-LAIN GALIAN Ore & Other Minerals	1,710	1,708	2,221	2,176	1,736	2,774	891	211	98	99
KIMIA Chemicals	2,894	3,985	3,773	3,692	3,640	3,731	3,431	3,820	-	4,592
MINYAK MAKAN Edible Oil	-	-	-	-	-	-	-	-	5,139	-
LAIN-LAIN Others	3,842	10,166	10,906	4,129	8,413	2,753	6,860	6,019	5,188	8,128
JUMLAH Total	66,849	95,631	101,488	99,165	100,375	107,889	107,616	113,012	121,772	115,096

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.6 : DAFTAR LOKOMOTIF, 1999 - 2008

Table 2.6 : Locomotive Inventory, 1999 - 2008

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	RELKAR (RELBAS) Rail-Car (Rail-Bus)	SET 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
1999	-	11.0	15.0	26.0	12.0	-	-	60.0	124.0	-	-	10.0	10.0	20.0
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

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.7 : DAFTAR KOC PENUMPANG, 1999 - 2008
Table 2.7 : Passenger Coaches Inventory, 1999 - 2008

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	KELAS Class	KELAS Class		KELAS Class	KELAS Class	KELAS Class		KELAS Class	KELAS Class	KELAS Class		KELAS Class		
		I	II	III		I	II	III		I	II	III		I	II	III
1999	90	360	2,392	2,516	120	200	3,160	2,664	-	-	-	-	210	560	5,552	5,180
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

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.8 : DAFTAR GERABAK BARANG, 1999 - 2008

Table 2.8 : Freight Wagon Inventory, 1999 - 2008

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				
1999	369	2	216	360	-	15	12	1,561	4	1,010	3,549
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

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.9 : BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 1999 - 2008

Table 2.9 : Number of Passengers for Light Rail Transit (LRT) Services, 1999 - 2008

JENIS PERKHIDMATAN Type of Services	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
PUTRALINE	17,252,259	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
STARLINE	22,829,543	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
KL MONORAIL	* Perkhidmatan belum dijalankan				3,220,297	12,201,518	16,206,441	19,322,170	22,197,169	21,765,233
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
KLIA TRANSIT				187,848	970,598	1,734,614	1,829,224	2,369,763	2,449,842	2,508,886

SUMBER : RAPID KL SDN.BHD

Source : Rapid KL Sdn.Bhd

SUMBER : KL STARRAIL SDN.BHD

Source : KL StarRail Sdn.Bhd

SUMBER : EXPRESS RAIL LINK SDN.BHD

Source : Ekspres Rail Link Sdn.Bhd

Pengangkutan Maritim

Maritime Transport

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 1999 - 2008
Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 1999 - 2008

(' 000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
1	KELANG	EKSPORT Export	26,741	27,814	29,663	33,080	36,305	41,068	46,624	56,330	62,730	70,343	
		IMPORT Import	34,229	37,463	40,487	49,191	52,583	58,843	63,035	65,674	72,784	82,005	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	60,970	65,277	70,150	82,271	88,888	99,911	109,659	122,004	135,514	152,348	
2	PULAU PINANG	EKSPORT Export	8,345	9,063	8,988	9,440	9,908	10,510	10,664	9,526	12,524	10,707	
		IMPORT Import	10,415	11,410	11,465	12,360	12,482	12,905	12,899	13,371	14,698	14,967	
		PINDAH KAPAL Trans-shipment	-	3	3	4	5	5	3	-	269	325	
		JUMLAH Total	18,760	20,476	20,456	21,804	22,395	23,420	23,566	22,897	27,491	25,999	
3	JOHOR	EKSPORT Export	11,570	12,450	13,372	13,982	13,508	15,557	13,779	13,305	11,289	14,211	
		IMPORT Import	9,942	12,086	13,934	15,037	14,270	15,647	14,789	14,162	17,553	15,561	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	21,512	24,536	27,306	29,019	27,778	31,204	28,568	27,467	28,842	29,772	
4	KUANTAN	EKSPORT Export	2,689	3,055	3,864	4,487	4,899	5,029	5,061	6,555	6,188	5,574	
		IMPORT Import	2,821	2,972	3,668	4,512	4,905	4,670	4,350	4,118	3,877	3,831	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	5,510	6,027	7,532	8,999	9,804	9,699	9,411	10,673	10,065	9,405	
5	BINTULU	EKSPORT Export	22,191	22,927	22,775	22,803	26,110	30,402	32,580	31,731	31,255	34,724	
		IMPORT Import	1,450	1,970	2,435	2,789	2,867	3,221	2,516	2,755	2,833	3,446	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	1,345	2,020	4,497	2,301	
		JUMLAH Total	23,641	24,897	25,210	25,592	28,977	33,623	36,441	36,506	38,585	40,471	

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.1 (SAMB.) : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 1999 - 2008
Table 3.1 (Cont'd) : Total Cargo Throughput by Ports, Malaysia, 1999 - 2008

(' 000) FREIGHTWEIGHT TONNES

BIL. No.	PELABUHAN Ports		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
6	TANJUNG BRUAS	EKSPORT Export	51	77	28	52	90	21	8	7	-	14	
		IMPORT Import	696	741	651	656	618	723	442	399	606	543	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	747	818	679	708	708	744	450	406	606	557	
7	KUCHING	EKSPORT Export	1,243	1,398	1,485	1,611	1,659	1,984	1,979	1,977	2,343	2,136	
		IMPORT Import	3,500	3,903	3,883	4,372	5,151	5,107	5,488	5,204	5,272	5,347	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	36	22	22	32	68	
		JUMLAH Total	4,743	5,301	5,368	5,983	6,810	7,127	7,489	7,203	7,647	7,551	
8	MIRI	EKSPORT Export	6,467	5,580	5,301	5,253	5,643	4,868	4,589	5,246	6,318	6,155	
		IMPORT Import	400	453	512	439	524	460	457	369	521	684	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	6,867	6,033	5,813	5,692	6,167	5,328	5,046	5,615	6,839	6,839	
9	RAJANG	EKSPORT Export	4,053	4,431	3,888	3,528	3,410	3,372	3,376	3,476	3,433	3,404	
		IMPORT Import	1,054	1,151	1,164	1,163	1,249	1,289	1,347	1,357	1,540	1,604	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	5,107	5,582	5,052	4,691	4,659	4,661	4,723	4,833	4,973	5,008	
10	SABAH	EKSPORT Export	10,186	10,849	10,482	11,191	12,673	14,147	15,857	16,902	16,493	16,493	
		IMPORT Import	6,606	7,225	7,347	7,827	9,388	10,499	10,317	11,238	12,660	12,660	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	16,792	18,074	17,829	19,018	22,061	24,646	26,174	28,140	29,153	29,153	

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.1 (SAMB.) : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 1999 - 2008
Table 3.1 (Cont'd) : Total Cargo Throughput by Ports, Malaysia, 1999 - 2008

(' 000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
11	PORT DICKSON	EKSPORT Export	3,124	2,516	3,343	3,510	4,548	3,611	3,293	6,797	4,302	3,047	
		IMPORT Import	6,998	5,313	9,499	9,085	8,574	11,031	8,808	5,250	8,493	8,810	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	10,122	7,829	12,842	12,595	13,122	14,642	12,101	12,047	12,795	11,857	
12	KEMAMAN	EKSPORT Export	1,026	969	908	883	1,272	1,502	1,421	1,141	1,806	1,713	
		IMPORT Import	975	1,186	1,146	597	1,716	1,856	1,599	2,147	1,992	2,200	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	2,001	2,155	2,054	1,480	2,988	3,358	3,020	3,288	3,798	3,913	
13	TELUK EWA	EKSPORT Export	2,145	2,701	3,087	2,971	3,091	2,986	3,046	3,185	3,208	3,379	
		IMPORT Import	441	466	502	516	535	610	537	573	555	744	
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	2,586	3,167	3,589	3,487	3,626	3,596	3,583	3,758	3,763	4,123	
14	TANJUNG PELEPAS	EKSPORT Export	-	64	799	1,366	1,879	2,252	2,537	2,854	2,926	3,349	
		IMPORT Import	-	50	392	481	542	638	627	728	754	1,378	
		PINDAH KAPAL Trans-shipment	-	4,411	27,857	37,048	47,413	54,188	56,357	65,194	80,009	83,212	
		JUMLAH Total	-	4,525	29,048	38,895	49,834	57,078	59,521	68,776	83,689	87,939	
JUMLAH BESAR Grand Total		EKSPORT Export	99,831	103,894	107,983	114,157	124,995	137,309	144,814	159,032	164,815	175,249	
		IMPORT Import	79,527	86,389	97,085	109,025	115,404	127,499	127,211	127,345	144,138	153,780	
		PINDAH KAPAL Trans-shipment	-	4,414	27,860	37,052	47,418	54,229	57,727	67,236	84,807	85,906	
		JUMLAH Total	179,358	194,697	232,928	260,234	287,817	319,037	329,752	353,613	393,760	414,935	

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.2 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2008
Table 3.2 : Total Cargo Throughput by Ports and Type, Malaysia, 2008

(' 000) FREIGHTWEIGHT TONNES

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	6,786	407	5,590	342	5,660	2,927	21,712	130,636	152,348
PULAU PINANG	2,335	415	2,320	2,002	1,035	809	8,916	17,083	25,999
JOHOR	5,810	-	10,758	645	1,925	245	19,383	10,389	29,772
KUANTAN	2,021	158	3,230	699	1,499	213	7,820	1,585	9,405
BINTULU	1,588	437	27,253	3,723	4,477	2,993	40,471	-	40,471
TANJUNG BRUAS	167	14	24	9	343	-	557	-	557
KUCHING	425	2	431	468	737	998	3,061	4,490	7,551
MIRI	864	-	3,193	1,150	693	237	6,137	702	6,839
RAJANG	2,955	105	-	480	53	87	3,680	1,328	5,008
SABAH	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	29,153
PORT DICKSON	846	-	5,749	5,262	-	-	11,857	-	11,857
KEMAMAN	1,762	22	1,524	25	457	123	3,913	-	3,913
TELOK EWA	3,733	390	-	-	-	-	4,123	-	4,123
TANJUNG PELEPAS	-	-	-	-	-	-	-	87,939	87,939
JUMLAH Total	29,292	1,950	60,072	14,805	16,879	8,632	131,630	254,152	414,935

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.3 : BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2008
Table 3.3 : Commodities Loaded by Ports and Types, Malaysia, 2008

('000) FREIGHTWEIGHT TONNES

PELABUHAN Ports	MINYAK KELAPA SAWIT Palm Oil	BUANGAN ISI SAWIT Palm Kernel Waste	PETROLEUM & MINYAK PEMBAKAR Petroleum & Fuel Oil	GAS ASLI CECAIR Liquefied Natural Gas	GAS PETROLEUM CAIR Liquefied Petroleum Gas	KAYU KAYAN PROSES Processed Timber	KAYU BALAK Logs	BIJIRIN Grains/ Cereals	BESI/ BESI WAJAJ Iron/ Steel	BAHAN KIMIA/ BAJAJ Chemical/ Fertilizer	GETAH & SUSU GETAH Rubber & Latex	SIMEN/ KLINKER Cement/ Clinker	BIJIH & GALIAN Ore & Mineral	LAIN - LAIN Others	JUMLAH Total
KELANG	1,452	782	-	53	28	429	-	2	740	155	10	23	-	66,669	70,343
PULAU PINANG	1,575	31	-	-	2	172	-	-	2,086	1,278	-	-	-	5,563	10,707
JOHOR	3,554	356	1,089	-	-	35	-	-	144	434	-	-	-	8,599	14,211
KUANTAN	1,454	167	13	-	-	141	-	-	394	787	-	-	628	1,990	5,574
BINTULU	1,886	195	4,779	22,684	471	1,489	1,068	-	-	25	-	109	-	2,018	34,724
TANJUNG BRUAS	-	-	-	-	-	-	-	-	-	-	-	-	14	-	14
KUCHING	48	-	4	-	-	513	-	14	95	48	75	-	-	1,339	2,136
MIRI	-	-	4,268	-	-	635	864	-	99	-	-	-	-	289	6,155
RAJANG	-	1	41	-	-	1,961	1,228	-	-	-	17	-	-	156	3,404
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	n.a	16,493
PORT DICKSON	-	-	2,909	-	-	18	-	-	-	-	-	-	-	120	3,047
KEMAMAN	-	-	13	-	1,227	-	-	-	314	-	-	-	95	64	1,713
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	3,379	-	-	3,379
TANJUNG PELEPAS	231	-	-	-	-	-	-	-	88	63	14	-	-	2,953	3,349
JUMLAH Total	10,200	1,532	13,116	22,737	1,746	5,375	3,160	16	3,960	2,790	116	3,511	737	89,760	175,249

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.4 : BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2008
Table 3.4 : Commodities Unloaded by Ports and Types, Malaysia, 2008

(’000) FREIGHTWEIGHT TONNES

PELABUHAN Ports	MINYAK KELAPA SAWIT Palm Oil	PETROLEUM & MINYAK PEMBAKAR Petroleum & Fuel Oil	BESI/ BESI WAJA Iron/ Steel	BIJIRIN Grains/ Cereals	GULA Sugar	BAHAN KIMIA/ BAJA Chemical/ Fertilizer	MESIN/ PERALATAN CKD Machinery/ Component CKD	KERTAS Paper Reels	KAIN Textiles	SIMEN/ KLINKER Cement/ Clinker	MAKANAN PROSES Processed Foodstuff	LAIN - LAIN Others	JUMLAH Total
KELANG	306	2,208	2,762	1,661	181	1,311	64	3	7	307	136	73,059	82,005
PULAU PINANG	466	2,804	575	630	2,057	372	5	-	-	-	-	8,058	14,967
JOHOR	1,257	2,673	563	427	-	2,427	-	-	-	1,702	-	6,512	15,561
KUANTAN	172	791	871	-	-	1,045	-	-	-	-	-	952	3,831
BINTULU	58	1,028	-	-	-	496	-	-	-	457	-	1,407	3,446
TANJUNG BRUAS	-	-	252	172	-	-	-	-	-	-	-	119	543
KUCHING	-	720	376	395	105	198	72	102	17	94	468	2,800	5,347
MIRI	-	76	105	-	5	28	93	6	11	-	126	234	684
RAJANG	-	466	79	83	24	57	178	25	13	-	207	472	1,604
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	12,660
PORT DICKSON	-	8,071	-	-	-	-	-	-	-	-	-	739	8,810
KEMAMAN	-	-	49	-	-	234	-	-	-	-	-	1,917	2,200
TELOK EWA	-	-	-	-	-	-	-	-	-	744	-	-	744
TANJUNG PELEPAS	-	-	158	-	-	33	-	31	46	-	173	937	1,378
JUMLAH Total	2,259	18,837	5,790	3,368	2,372	6,201	412	167	94	3,304	1,110	97,206	153,780

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 1999 - 2008
Table 3.5 : Total Container Throughput by Ports, Malaysia, 1999 - 2008

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BIL No	PELABUHAN Ports		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1	KELANG	EKSPORT Export	1,242,063	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
		IMPORT Import	1,308,356	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
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	2,715,095	2,923,965	3,554,724	4,116,628	4,745,058
		JUMLAH Total	2,550,419	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
2	PULAU PINANG	EKSPORT Export	302,662	331,780	315,263	337,082	362,411	403,938	372,576	422,216	488,254	487,049
		IMPORT Import	263,747	304,000	289,031	296,960	325,760	368,086	357,213	406,492	410,282	401,727
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	65,500	21,022	27,455	28,855
		JUMLAH Total	566,409	635,780	604,294	634,042	688,171	772,024	795,289	849,730	925,991	917,631
3	JOHOR	EKSPORT Export	315,120	381,832	412,111	407,900	454,426	497,228	382,675	410,422	421,045	400,849
		IMPORT Import	242,936	277,349	226,607	275,916	296,040	308,461	323,331	335,335	363,672	374,281
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	136,297	134,854	142,567	159,637
		JUMLAH Total	558,056	659,181	638,718	683,816	750,466	805,689	842,303	880,611	927,284	934,767
4	KUANTAN	EKSPORT Export	28,680	31,188	38,946	46,865	55,476	62,072	61,842	64,167	65,577	64,545
		IMPORT Import	23,676	31,595	37,393	44,659	52,632	59,760	55,975	59,581	61,892	61,936
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	913	1,250	1,086	131	580
		JUMLAH Total	52,356	62,783	76,339	91,524	108,108	122,745	119,067	124,834	127,600	127,061

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.5 (SAMB.) : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 1999 - 2008
Table 3.5 (Cont'd) : Total Container Throughput by Ports, Malaysia, 1999 - 2008

BIL No	PELABUHAN Ports		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
5	BINTULU	EKSPORT Export	18,208	23,729	33,140	51,143	22,913	31,240	34,241	44,366	62,320	78,645
		IMPORT Import	18,210	23,878	32,999	52,938	18,648	27,380	29,688	37,398	50,050	72,839
		PINDAH KAPAL Trans-shipment	-	-	-	-	104,100	85,163	83,891	117,940	139,430	138,683
		JUMLAH Total	36,418	47,607	66,139	104,081	145,661	143,783	147,820	199,704	251,800	290,167
6	KUCHING	EKSPORT Export	47,694	53,848	53,964	56,631	67,356	68,509	68,799	73,524	78,325	82,235
		IMPORT Import	49,268	56,626	55,755	60,401	71,643	71,720	73,703	78,022	84,143	87,836
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	998	594	848	870	1,872
		JUMLAH Total	96,962	110,474	109,719	117,032	138,999	141,227	143,096	152,394	163,338	171,943
7	MIRI	EKSPORT Export	324	2,719	4,634	5,826	6,373	7,217	7,442	9,001	10,405	13,555
		IMPORT Import	2,223	2,812	4,748	6,215	6,927	7,185	7,381	7,836	10,754	14,530
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	2,547	5,531	9,382	12,041	13,300	14,402	14,823	16,837	21,159	28,085
8	RAJANG	EKSPORT Export	18,438	18,444	19,336	22,669	25,454	26,477	26,799	26,652	32,823	37,698
		IMPORT Import	18,662	18,554	19,215	22,239	25,385	27,263	27,578	27,089	33,085	36,622
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	37,100	36,998	38,551	44,908	50,839	53,740	54,377	53,741	65,908	74,320

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

JADUAL 3.5 (SAMB.) : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 1999 - 2008
Table 3.5 (Cont'd) : Total Container Throughput by Ports, Malaysia, 1999 - 2008

BIL No	PELABUHAN Ports		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
9	SABAH	EKSPORT Export	41,806	-	-	-	-	104,289	103,167	112,890	130,172	145,789
		IMPORT Import	43,375	-	-	-	-	103,809	105,321	114,194	133,035	146,899
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	8,264	-
		JUMLAH Total	85,181	-	-	-	-	208,098	208,488	227,084	271,471	292,688
10	TANJUNG PELEPAS	EKSPORT Export	-	29,538	-	2,615,405	104,658	125,615	151,202	161,878	173,759	214,404
		IMPORT Import	-	8,001	-	53,107	43,594	42,194	40,457	44,528	51,574	97,383
		PINDAH KAPAL Trans-shipment	-	-	-	-	3,168,702	3,668,161	3,985,464	4,431,013	5,072,298	5,154,404
		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
	JUMLAH BESAR Grand Total	EKSPORT Export	2,015,833	2,441,514	2,723,926	5,860,683	2,179,407	2,560,831	2,513,180	2,713,388	2,936,873	2,936,873
		IMPORT Import	1,974,182	2,361,132	2,578,728	3,199,638	2,015,859	2,310,110	2,389,272	2,514,860	2,726,380	2,726,380
		PINDAH KAPAL Trans-shipment	-	-	-	-	5,858,501	6,470,330	7,141,777	8,261,487	9,507,643	9,507,643
		JUMLAH Total	3,990,015	4,802,646	5,302,654	9,060,321	10,053,767	11,341,271	12,044,229	13,489,735	15,170,896	15,170,896

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

TEU : Twenty - Foot Equivalent Unit

JADUAL 3.6 : JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 1999 - 2008
Table 3.6 : Total Number of Ships Calling by Ports, Malaysia, 1999 - 2008

PELABUHAN Ports		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
KELANG	BIL No	11,439	12,416	14,207	15,313	16,251	15,150	15,050	16,404	17,149	16,864
	GRT (' 000)	142,228	153,016	176,908	198,095	222,097	223,661	235,037	259,094	297,671	306,682
PULAU PINANG	BIL No	7,341	7,263	8,906	7,328	6,419	6,804	6,220	6,177	6,036	5,779
	GRT (' 000)	29,541	28,907	29,321	29,142	29,943	33,096	35,938	38,311	48,843	37,068
JOHOR	BIL No	6,001	6,485	6,242	6,631	6,877	6,526	6,138	6,337	6,004	5,823
	GRT (' 000)	35,859	40,737	40,929	35,688	27,840	28,705	28,910	26,916	23,637	41,037
KUANTAN	BIL No	1,516	1,677	1,855	2,067	2,280	2,382	2,195	2,324	2,375	2,315
	GRT (' 000)	13,357	14,307	14,716	15,959	17,360	15,968	15,558	17,617	15,959	15,432
BINTULU	BIL No	3,365	4,047	4,375	5,019	4,825	5,617	5,789	6,024	6,007	7,015
	GRT (' 000)	39,145	40,872	42,416	43,328	46,237	53,676	57,406	57,616	60,111	60,384
TANJUNG BRUAS	BIL No	216	226	169	208	162	183	149	119	159	147
	GRT (' 000)	804	882	626	1,726	614	620	409	196	571	508
KUCHING	BIL No	1,825	1,929	2,205	2,393	2,920	2,180	3,252	3,022	2,669	2,190
	GRT (' 000)	6,339	6,962	7,629	9,395	9,302	8,514	9,480	9,804	9,327	8,666
MIRI	BIL No	1,366	1,108	1,115	1,071	1,789	2,312	3,120	2,504	1,643	1,690
	GRT (' 000)	11,323	8,799	8,590	8,433	8,399	7,752	8,136	8,455	9,005	8,691
RAJANG	BIL No	2,343	2,484	2,386	2,229	2,090	2,006	1,996	1,881	1,727	1,692
	GRT (' 000)	10,438	10,126	9,454	9,178	8,416	8,138	8,452	8,280	7,179	6,797
SABAH	BIL No	13,813	12,768	11,687	12,095	13,993	15,006	14,940	15,505	14,456	13,540
	GRT (' 000)	33,871	33,023	31,624	33,438	34,630	34,835	36,350	37,063	35,181	35,265
PORT DICKSON	BIL No	1,081	968	1,152	1,076	1,103	1,278	1,126	1,000	1,628	1,282
	GRT (' 000)	8,115	6,421	8,924	9,316	9,810	9,970	9,218	9,500	12,591	11,640
KEMAMAN	BIL No	281	280	266	317	363	337	319	272	374	344
	GRT (' 000)	2,841	2,353	2,089	2,013	2,983	3,309	3,099	1,666	3,905	3,966
TELUK EWA	BIL No	292	352	32	360	368	381	535	563	597	637
	GRT (' 000)	-	2,269	210	2,423	2,440	2,402	2,438	2,509	2,509	2,592
TANJUNG PELEPAS	BIL No	124	682	2,283	3,483	3,148	3,193	3,128	3,261	3,747	3,760
	GRT (' 000)	-	5,456	18,264	19,864	25,200	25,544	25,024	26,088	29,976	30,112
JUMLAH Total	BIL No	51,003	52,685	56,880	59,590	62,588	63,355	63,957	65,393	64,571	63,078
	GRT (' 000)	333,861	354,130	391,700	417,998	445,271	456,190	475,455	503,115	556,465	568,840

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

GRT : Gross Register Tonnage

JADUAL 3.7 : JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2008
Table 3.7 : Type of Ships Calling by Ports, Malaysia, 2008

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												
KELANG	10,635	-	1,083	1,376	425	1,207	14,726	1,041	246	88	16	747	2,138	16,864
PULAU PINANG	284	257	769	529	127	572	2,538	883	100	494	22	1,742	3,241	5,779
JOHOR	1,752	-	645	1,941	553	-	4,891	796	119	12	5	-	932	5,823
KUANTAN	92	320	572	740	202	42	1,968	-	103	156	36	52	347	2,315
BINTULU	81	400	560	1,256	164	530	2,991	521	382	824	136	2,161	4,024	7,015
TANJUNG BRUAS	-	-	78	9	42	-	129	-	-	18	-	-	18	147
KUCHING	-	150	173	117	56	124	620	666	251	151	2	500	1,570	2,190
MIRI	-	-	181	70	175	-	426	140	1,007	117	-	-	1,264	1,690
RAJANG	-	44	4	-	808	-	856	323	149	254	110	-	836	1,692
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	13,540
PORT DICKSON	-	-	-	586	218	-	804	-	-	313	111	54	478	1,282
KEMAMAN	-	-	84	155	64	2	305	-	23	8	7	1	39	344
TELOK EWA	-	-	-	-	414	63	477	-	-	-	112	48	160	637
TANJUNG PELEPAS	1,858	1,435	-	-	-	-	3,293	467	-	-	-	-	467	3,760
JUMLAH Total	14,702	2,606	4,149	6,779	3,248	2,540	34,024	4,837	2,380	2,435	557	5,305	15,514	63,078

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.8 : BILANGAN KAPAL - KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELOMAN BARU) DAN BERAT, 2004 - 2008
Table 3.8 : Number of Ships Registered in Malaysia by Type (New Classification) and Weight, 2004 - 2008

JENIS KAPAL Type of Ship	2004				2005				2006				2007				2008			
	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	13	722	436	1,362	14	561	341	108	5	9	4	15	27	929	570	1,728	68	775	453	1,387
KAPAL LNG, LPG LNG, LPG Carrier	2	189	57	152	3	194	58	55	2	191	57	2	3	297	89	257	10	297	89	257
TANGKI KIMIA/PETROLEUM Chemical/Petroleum Tanker	3	13	8	24	7	92	37	29	-	-	-	-	4	17	8	18	37	17	8	18
KAPAL PUKAL, BIJIH, KAYU BALAK Bulk, Grain, Ore, Log Carrier	2	56	34	103	1	47	27	10	1	13	7	19	3	31	19	5	10	31	19	5
KARGO AM, SEPARA KONTENA General Cargo, Semi Container	7	5	2	5	1	1	1	-	10	22	11	9	17	17	10	6	54	17	10	6
KAPAL PENUMPANG, AM/ PENUMPANG Passenger, General/Passenger Ship	21	6	2	-	21	4	2	23	35	2	1	-	9	9	4	-	14	9	4	-
RO-RO	-	-	-	-	1	9	3	4	1	9	3	2	-	-	-	-	-	-	-	-
KONTENA PENUH Full Container	1	4	2	4	4	23	12	14	5	118	68	95	4	106	62	124	15	106	62	124
"ANCHOR HANDLING, STANDBY SUPPLY"	18	16	5	15	30	41	12	148	16	21	6	433	16	16	5	2	111	16	5	2
BARJ Barge	57	89	30	143	55	84	26	12	62	119	36	4	95	151	47	17	290	151	47	17
"LANDING CRAFT"	8	5	2	3	7	4	1	5	8	5	2	-	10	12	4	7	17	12	4	7
"TUG BOAT"	64	11	3	1	58	12	4	90	68	14	4	1	83	16	5	1	266	16	5	1
"FISHING VESSEL"	5	1	-	-	18	2	1	8	21	2	1	-	29	5	2	-	16	5	2	-
"PLEASURE CRAFT"	2	-	-	-	3	-	-	2	3	-	-	-	4	-	-	-	1	-	-	-
KAPAL KERAJAAN Government Ship	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
LAIN-LAIN Others	36	65	20	27	60	284	155	81	47	170	82	102	91	467	271	706	346	467	271	706
JUMLAH Total	251	1,183	601	1,839	283	1,358	680	589	284	695	282	682	395	2,073	1,096	2,871	1,260	1,919	979	2,530

SUMBER : JABATAN LAUT MALAYSIA

Source : Marine Department Malaysia

JADUAL 3.9 : JUMLAH KESELURUHAN KAPAL - KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGLASAN BARU) DAN BERAT, 2004 - 2008
Table 3.9 : Total of Ships Registered in Malaysia by Type (New Classification) and Weight, 2004 - 2008

JENIS KAPAL Type of Ship	2004				2005				2006				2007				2008			
	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	175	1,726	995	2,934	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
KAPAL LNG, LPG LNG, LPG Carrier	45	1,430	497	969	45	1,642	502	1,198	46	1,832	559	1,365	47	2,128	648	1,622	49	2,448	743	1,889
TANGKI KIMIA/PETROLEUM Chemical/Petroleum Tanker	32	473	211	745	35	549	242	860	27	506	222	786	30	518	227	797	41	537	227	796
KAPAL PUKAL, BIJIH, KAYU BALAK Bulk, Grain, Ore, Log Carrier	56	1,358	801	2,341	26	447	256	721	23	389	223	632	23	388	224	582	23	373	215	703
KARGO AM, SEPARA KONTENA General Cargo, Semi Container	492	677	372	295	478	619	343	227	485	601	330	230	505	614	338	233	508	594	325	232
KAPAL PENUMPANG, AM/ PENUMPANG Passenger, General/Passenger Ship	327	48	16	23	335	46	17	5	357	47	17	4	340	55	21	5	331	54	21	4
RO-RO	14	98	35	19	15	107	38	42	13	91	30	34	11	72	24	27	11	72	24	27
KONTENA PENUH Full Container	67	830	395	874	58	723	345	812	54	683	344	738	55	768	398	832	56	782	405	843
"ANCHOR HANDLING, STANDBY SUPPLY"	144	82	27	91	164	112	36	58	170	117	36	58	184	133	41	60	195	159	49	46
BARJ Barge	1,285	986	365	407	1,273	1,123	463	751	1,293	1,188	484	699	1,383	1,311	522	693	1,403	1,360	538	650
"LANDING CRAFT"	77	28	10	4	81	32	11	10	82	34	12	6	91	45	15	13	95	49	16	13
"TUG BOAT"	758	98	26	5	783	106	29	7	817	113	31	6	888	126	35	6	926	134	38	8
"FISHING VESSEL"	22	4	1	1	36	6	2	2	50	8	2	2	69	11	4	2	76	12	4	2
"PLEASURE CRAFT"	51	2	1	-	51	3	2	-	52	3	2	-	55	3	2	-	53	3	1	-
KAPAL KERAJAAN Government Ship	40	7	2	-	37	6	2	-	37	6	2	432	37	6	2	-	41	7	3	-
LAIN-LAIN Others	197	344	125	258	262	636	283	657	292	650	255	470	380	1,099	508	1,175	447	1,267	571	1,256
JUMLAH Total	3,782	8,191	3,879	8,966	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

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), 2004 - 2008

Table 3.10 : Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLБ), 2004 - 2008

JENIS KARGO Type of Cargo	2004		2005		2006		2007		2008	
	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered	DAFTARAN MALAYSIA Malaysian Registered	DAFTARAN ASING Foreign Registered
KARGO KERING Dry Bulk	975	188	1,146	135	788	88	852	158	899	104
KELAPA SAWIT Palm Oil	12	47	54	97	29	127	6	92	25	120
PETROLUUM / DIESEL Petroleum / Diesel	92	125	124	203	137	247	117	252	155	254
PENUMPANG Passenger	110	29	126	27	110	46	134	53	137	49
KONTENA Container	155	5	54	7	66	12	86	16	78	20
KIMIA Chemical	1	54	10	116	9	108	31	129	11	112
KHIDMAT TUNDA Towing Services	310	250	378	263	399	445	391	542	504	629
PERALATAN KERJA CARİ GALI Exploration Work Equipment	12	110	35	273	34	200	22	137	36	382
KENDERAAN / RO-RO Vehicle / Ro-ro	0	0	0	0	13	0	6	1	6	0
BAHAN BINAAN Construction Material	0	0	0	0	46	47	46	122	39	146
KAYU BALAK Log Wood	0	0	0	0	221	1	240	0	242	0
SIMEN KLINKER Clinker Cement	0	0	0	0	1	40	0	49	1	58
LAIN - LAIN Others	103	547	95	503	107	497	160	581	188	377
JUMLAH Total	1,770	1,355	2,022	1,624	1,960	1,858	2,091	2,132	2,321	2,251

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

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

JADUAL 3.11 : JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2004 - 2008

Table 3.11 : Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLБ), 2004 - 2008

JENIS KARGO Type of Cargo	2004		2005		2006		2007		2008	
	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
SEMENTARA Temporary	79	1,355	105	1,624	234	0	202	2,132	221	2,251
BERSYARAT Conditional	1,483	0	1,653	0	1,623	0	1,663	0	1,804	0
TANPA SYARAT Unconditional	208	0	264	0	103	1,858	226	0	296	0
JUMLAH Total	1,770	1,355	2,022	1,624	1,960	1,858	2,091	2,132	2,321	2,251

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

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

Pengangkutan Udara

Air Transport

JADUAL 4.1 : KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2008
Table 4.1 : International Airport Facilities, Malaysia, 2008

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
KLIA	CAT IX	4000 X 60 4019 X 60	PCN 90/R/C/W/T PCN 100 F/C/W/T	24 hrs	A380	DVOR, 5 DME, 4 ILS CAT I
JOHOR	CAT VIII	3354 X 46 m	PCN 59 F/B/X/U	2230-1600UTC	B747	ILS/LLZ, GP/DME, 4 NDB, DVOR / DME
PULAU PINANG	CAT IX	3352 m X 45 m	PCN 105 F/B/X/U	24 hrs	B747	ILS/LLZ, GP/DME, L/NDB, DVOR / DME
LANGKAWI	CAT VIII	3810 m X 45 m	PCN 77/F/C/W/T	2300 - 1500 UTC	B747	ILS/LLZ, GP/DME, NDB, DVOR/DME
KUCHING	CAT IX	2454 X 46 m	PCN 120 F/A/W/T	24 hrs	B747	ILS/LLZ, GP/DME, NDB, DVOR / DME
KOTA KINABALU	CAT IX	2987 X 45 m	PCN 59 F/B/X/U	24 hrs	B747	ILS/LLZ, GP/DME, L, VOR/DME

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad

JADUAL 4.2 : KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2008
Table 4.2 : Domestic Airport Facilities, Malaysia, 2008

LAPANGAN TERBANG Airport	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT Airport Fire & Rescue Services Category (AFRS)	PANJANG/LEBAR LANDASAN Runway Length/ Width (m)	KEUPAYAAN LANDASAN Load Classification Number	WAKTU BEROPERASI Hours of Operation	PENDARATAN PESAWAT TERBESAR Biggest Aircraft Landed	SISTEM PERHUBUNGAN & PEMALIMAN UDARA Radio and Air Navigational Aids
ALOR SETAR	CAT VI	2745m x 45m	PCN96/F/C/X/T	2230 - 1430 UTC	A330	ILS/LLZ, GP/DME, DVOR/DME, NDB
KOTA BHARU	CAT VI	1981m x 45m	PCN 51/F/A/W/T	2200 - 1530 UTC	A320/B737	NDB, DVOR/DME, ILS/LLZ, GP/DME
KUANTAN	CAT VII	2804m x 46m	LCN 48	2230 - 1230 UTC	B737	L, ILS/LLZ, GP/DME, VOR/TACAN,
KERTEH	CAT IV	1362m x 30m	LCN 40	2245 - 1100	ATR 72	ILS/LLZ, GP/DME, DVOR/DME
IPOH	CAT VI	1798m x 36m	PCN 77F/C/W/T	2300 - 1300 UTC	A320/B737	L, ILS/LLZ, GP/DME, VOR/DME, VOR
MELAKA	CAT V	1372m x 37m	LCN 42	2300 - 1100 UTC	ATR 72	L, NDB, DVOR/DME
KUALA TERENGGANU	CAT IX	3480m x 45m	PCN 75 F/B/X/T	2300 - 1400 UTC	A330/B777	ILS/LLZ, GP/DME, L, DVOR/DME
SUBANG	CAT VII	3780m x 45m	PCN 59/F/B/X/U	24 HOURS	A340/B747	2 ILS/LLZ, 2 GP/DME, 2 L, 2 NDB, 2 DVOR/DME
PULAU TIOMAN	CAT III	992m x 30m	TARMAC	0000 - 0900 UTC	DH7	DVOR/DME
PULAU REDANG	CAT IV	940m x 30m	PCN 14/F/C/Y/T	0001 - 0900 UTC	DH7	VOR/DME
BINTULU	CAT VI	2745m x 45m	PCN79F/C/X/T	2245 - 1230 UTC	A330/B777	ILS/LLZ, GP/DME, NDB, DVOR/DME
MIRI	CAT VI	2745m x 60m	PCN79F/C/X/T	2200 - 1500 UTC	A330/B777	ILS/LLZ, GP/DME, NDB, DVOR/DME
SIBU	CAT VI	2745m x 45m	PCN 61/F/C/X/T	2230 - 1330 UTC	A330/B777	ILS/LLZ, GP/DME, MM, NDB, DVOR/DME
LAHAD DATU	CAT V	1371m x 30m	LCN 20	0000 - 0900 UTC	ATR 72	L
LABUAN	CAT VII	2286m x 45m	LCN 90	2300 - 1100 UTC	B737	L, DVOR/DME, ILS/LLZ, GP/DME
SANDAKAN	CAT VI	2133m x 45m	LCN 90	2300 - 1400 UTC	A320/B737	ILS/LLZ, GP/DME, NDB, DVOR/DME
TAWAU	CAT VI	2685m x 47m	PCN 69/F/C/W/T	2300 - 1400 UTC	A330/B777	ILS/LLZ, GP/DME, NDB, DVOR/DME
LIMBANG	CAT V	1500m x 30m	15/F/C/W/T	2230 - 1030 UTC	ATR 72	DVOR/DME

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2008
Table 4.3 : Domestic Airport Facilities, Malaysia, 2008

PADANG TERBANG Airstrip	PANJANG/LEBAR LANDASAN Runway Length/ Width (m)	KEUPAYAAN LANDASAN Load Classification Number	WAKTU BEROPERASI Hours of Operation	PENDARATAN PESAWAT TERBESAR Biggest Aircraft Landed	SISTEM PERHUBUNGAN & PEMALIMAN UDARA Radio and Air Navigational Aids
SEMENANJUNG MALAYSIA Peninsular Malaysia					
SITIAWAN	549m x 69m	Grass	DCA (Unattended)	n/a	n/a
MERSING	500m x 30m	Grass	UTM (Unattended)	n/a	DVOR(VMR)
BIDOR	366m x 23m	Laterite	Police Air Wing (Unattended)	n/a	n/a
BAKRI/MUAR	366m x 23m	Laterite	Police Air Wing (Unattended)	n/a	n/a
SEGAMAT	366m x 23m	Laterite	DCA (Unattended)	n/a	n/a
SUNGAI TIANG	792m x 30m	Laterite	DCA (Unattended)	n/a	n/a
PULAU PANGKOR	792m x 30m	PCN 12/F/C/Y/T	HJ (notified only)	n/a	n/a
ULU BERNAM	366m x 23m	Grass	Bernam Oil Palm Limited	n/a	n/a
JENDERATA	584m x 23m	Grass	United Plantation Limited	n/a	n/a
BENTA	488m x 23m	Grass/Tarmac	MINDEF (Unattended)	n/a	n/a
BENTONG	366m x 23m	Grass	MINDEF (Unattended)	n/a	n/a
GRIK	457m x 30m	Tarmac	MINDEF (Unattended)	n/a	n/a
TEMERLOH	36m x 23m	Sand/Laterite	MINDEF (Unattended)	n/a	n/a
KROH	366m x 23m	Grass Over Laterite	MINDEF (Unattended)	n/a	n/a
TAIPING	1320m x 46m	Tarmac/Grass	MINDEF		

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

JADUAL 4.3 (SAMB) : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2008
Table 4.3 (Cont'd) : Domestic Airport Facilities, Malaysia, 2008

PADANG TERBANG Airstrip	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
SARAWAK					
BARIO	670m x 18m	Bitumen Sealed	For sked & notified only	DHC-6 T/ Otter	n/a
LAWAS	686m x 18m	Bitumen Sealed	HJ (notified only)	DHC-6 T/ Otter	n/a
BELAGA	427m x 18m	Bitumen	Unattended	DHC-6 T/ Otter	n/a
KAPIT	427m x 18m	Crushed Stone	CLOSED	DHC-6 T/ Otter	n/a
BAKELALAN	549m x 23m	Bitumen	For sked & notified only	DHC-6 T/ Otter	n/a
LONG LELLANG	780m x 24m	Bitumen	For sked & notified only	DHC-6 T/ Otter	n/a
LONG SEMADO	487m x 18m	Crushed Stone	MAHB (Unattended)	DHC-6 T/ Otter	n/a
LONG SERIDAN	548m x 21m	Bitumen	For sked & notified only	DHC-6 T/ Otter	n/a
MUKAH	1097m x 23m	Bitumen	HJ (notified only)	DHC-6 T/ Otter	n/a
LONG AKAH	680m x 18m	PCN 12/F/C/Y/U	HJ (notified only)	DHC-6 T/ Otter	n/a
LONG BANGA	550m x 18m	Bitumen	For sked & notified only	DHC-6 T/ Otter	n/a
TANJUNG MANIS	1500m x 30m	Bitumen	HJ (notified only)	ATR 72	NDB (TMS)
MULU	1195m x 30m	Bitumen	Dawn to 0800 UTC	DHC-6 T/ Otter	n/a
MARUDI	800m x 24m	Asphalt	For sked & notified only	DHC-6 T/ Otter	n/a
SABAH					
SEMPORNA	609m x 24m	Gravel	MAHB (Unattended)	DHC-6 T/ Otter	n/a
KOTA BELUD	1371m x 46m	Grass	Military		n/a
KENINGAU	872m x 26m	Grass	Sabah Flying Club	HJ	n/a
SAHABAT	840m x 30m	Gravel	FELDA Sabah	n/a	n/a
TOMMANGGONG	670m x 22m	Gravel	Tommanggong Estate	n/a	n/a
LONG PASIA	610 X23m	Grass Over Gravel	MAHB (Unattended)	DHC-6 T/ Otter	n/a

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad

JADUAL 4.3 (SAMB) : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2008
Table 4.3 (Cont'd) : Domestic Airport Facilities, Malaysia, 2008

PADANG TERBANG Airstrip	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
SEPULOT	522m x 18m	Grass Over Gravel	Unattended	n/a	n/a
PAMOL	711m x 23m	n/a	Pamol Estate (Unattended)	n/a	n/a
RANAU	548m x 21m	Gravel/Grass	Unattended	n/a	n/a
KUDAT	730 X 18m	Asphalt	HJ (notified only)	DHC-6 T/ Otter	n/a
KUALA PENYU	549m x 23m	Gravel With Sand	Unattended	n/a	n/a
HUNTER (MOROTAI)	549m x 53m	Sand/Gravel/Clay	Borneo Abaca Estate (Unattended)	n/a	n/a
JEROCO	854m x 24m	Gravel	HJ (notified only)	n/a	n/a
KELABAKAN	634m x 23m	Gravel	Unattended	n/a	n/a
KUALA KAHABA	412m x 20m	Grass	Unattended	n/a	n/a
KUALA MEDAMIT	411m x 32m	Grass	Unattended	n/a	n/a
MARAK-PARAK	383m x 27m	n/a	Unattended	n/a	n/a
MELIGAN	457m x 37m	n/a	Unattended	n/a	n/a
MERIDI	366m x 12m	n/a	Unattended	n/a	n/a
NANGOI	383m x 9m	n/a	Unattended	n/a	n/a
PANDEWAN	549m x 18m	n/a	Unattended	n/a	n/a
PARAMUDU	488m x 27m	Turf	Unattended	n/a	n/a
SOOK	457m x 18m	n/a	Unattended	n/a	n/a
ULU TOMANI	427m x 15m	n/a	Unattended	n/a	n/a
WALLACE BAY	1000m x 60m	n/a	Unattended	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, 1999 - 2008
Table 4.4 : Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 1999 - 2008

LAPANGAN TERBANG Airports	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
KLIA	13,172,635	14,732,876	14,538,831	16,398,230	17,454,564	21,058,572	23,213,926	24,129,748	26,453,379	27,529,355
PULAU PINANG	2,510,318	2,740,505	2,558,999	2,508,693	2,334,669	2,987,993	2,834,545	3,103,772	3,173,117	3,405,762
KOTA KINABALU	2,752,207	3,092,326	3,036,196	3,256,212	3,302,366	3,918,201	3,975,136	4,015,221	4,399,939	4,689,164
KUCHING	2,234,790	2,545,080	2,693,903	2,935,052	2,923,633	3,317,879	3,354,973	3,196,352	3,236,468	3,238,614
LANGKAWI	802,151	958,066	829,498	712,988	726,817	845,276	830,334	934,024	1,122,911	1,196,956
JOHOR BHARU	897,851	1,026,729	998,693	874,278	-	-	1,246,834	1,308,386	1,324,952	1,389,327
KOTA BHARU	471,085	512,834	506,632	534,959	589,950	639,871	635,397	678,306	759,316	836,060
IPOH	132,154	148,095	131,730	132,314	115,286	103,123	74,451	64,711	814	5,376
KUALA TERENGGANU	297,271	343,186	355,063	309,202	394,240	435,620	419,475	398,252	430,800	487,495
ALOR SETAR	273,933	311,224	306,514	287,465	353,778	346,502	323,669	292,549	291,006	307,564
MELAKA	15,053	13,917	9,171	7,438	31,108	46,692	27,683	18,509	27,209	23,751
SUBANG	1,999,302	2,100,727	1,955,688	1,130,169	72,491	90,593	83,602	83,502	95,583	307,747
KUANTAN	387,375	419,441	433,270	388,746	351,179	349,375	298,184	273,005	262,486	259,529
TIOMAN	75,425	74,762	83,358	64,067	56,900	57,957	54,054	57,559	46,260	48,767
PANGKOR	4,453	6,498	8,999	8,811	6,095	10,247	11,193	9,866	8,906	8,132
REDANG	-	-	-	-	-	20,750	30,650	28,928	33,738	34,957
LABUAN	449,216	558,877	619,260	635,458	696,961	686,103	642,582	575,684	535,294	550,859
LAHAD DATU	88,632	102,492	104,270	108,151	107,914	117,584	116,973	108,697	77,024	99,983
SANDAKAN	405,439	452,824	449,679	449,613	497,999	574,213	621,513	633,194	626,192	618,927
TAWAU	442,503	464,784	472,301	495,462	551,168	620,847	680,901	660,331	736,646	768,967
BINTULU	322,925	352,154	384,201	422,715	427,894	464,576	487,077	449,673	381,158	417,918
MIRI	892,008	1,049,561	1,159,832	1,292,004	1,377,312	1,509,684	1,594,855	1,559,379	1,454,167	1,537,840
SIBU	620,830	657,375	725,449	759,704	817,687	903,108	920,930	898,923	809,955	831,772
MULU	26,940	31,016	36,601	44,371	41,280	54,767	52,914	48,825	37,463	43,652
LIMBANG	59,674	71,526	76,642	77,821	83,459	96,209	105,652	89,814	50,107	49,181
STOL SABAH	7,076	6,809	6,850	6,896	6,945	7,099	6,009	5,933	1,942	3,741
STOL SARAWAK	132,935	130,735	155,339	173,123	165,704	167,805	173,956	153,199	134,079	145,807
SEMENANJUNG Peninsular	21,039,006	23,388,860	22,716,446	23,357,360	22,487,077	26,992,571	30,083,997	31,381,117	34,030,477	35,840,778
SABAH	4,145,073	4,678,112	4,688,556	4,951,792	5,163,353	5,924,047	6,043,114	5,999,060	6,377,037	6,731,641
SARAWAK	4,290,102	4,837,447	5,231,967	5,704,790	5,836,969	6,514,028	6,690,357	6,396,165	6,103,397	6,264,784
JUMLAH Total	29,474,181	32,904,419	32,636,969	34,013,942	33,487,399	39,430,646	42,817,468	43,776,342	46,510,911	48,837,203

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad

SUMBER : SENAI AIRPORT TERMINAL SERVICES SDN. BHD

Source : Senai Airport Terminal Services Sdn. Bhd

JADUAL 4.5 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2008
Table 4.5 : Total Passengers Handled by Airports, Malaysia, 2008

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	2008	2007	% +/-
KLIA	4,744,921	4,663,681	9,408,602	8,927,042	8,909,625	17,836,667	13,671,963	13,573,306	27,245,269	-	284,086	284,086	27,529,355	26,453,379	4.1%
PULAU PINANG	989,611	946,965	1,936,576	732,173	736,318	1,468,491	1,721,784	1,683,283	3,405,067	493	202	695	3,405,762	3,173,117	7.3%
KOTA KINABALU	1,777,093	1,800,931	3,578,024	488,653	490,362	979,015	2,265,746	2,291,293	4,557,039	91,982	40,143	132,125	4,689,164	4,399,939	6.6%
KUCHING	1,452,078	1,458,521	2,910,599	128,219	126,973	255,192	1,580,297	1,585,494	3,165,791	67,094	5,729	72,823	3,238,614	3,239,468	0.1%
LANGKAWI	537,012	559,655	1,096,667	50,106	49,632	99,738	587,118	609,287	1,196,405	548	3	551	1,196,956	1,122,911	6.6%
JOHOR BHARU	615,643	579,118	1,194,761	92,095	102,471	194,566	707,738	681,589	1,389,327	-	-	-	1,389,327	1,324,952	4.9%
KOTA BHARU	411,738	424,322	836,060	-	-	-	411,738	424,322	836,060	-	-	-	836,060	759,316	10.1%
IPOH	-	-	-	2,850	2,726	5,576	2,650	2,726	5,376	-	-	-	5,376	814	560.4%
KUALA TERENGGANU	239,113	243,396	482,509	1,065	2,832	3,897	240,178	246,228	486,406	1,089	-	1,089	487,495	430,800	13.2%
ALOR SETAR	152,556	155,008	307,564	-	-	-	152,556	155,008	307,564	-	-	-	307,564	291,006	5.7%
MELAKA	21	17	38	12,648	11,065	23,713	12,669	11,082	23,751	-	-	-	23,751	27,209	-12.7%
SUBANG	145,471	146,527	291,998	8,173	7,576	15,749	153,644	154,103	307,747	-	-	-	307,747	95,583	222.0%
KUANTAN	125,077	126,678	251,755	3,397	3,385	6,782	128,474	130,063	258,537	992	-	992	259,529	262,486	-1.1%
TIOMAN	15,359	16,197	31,556	8,286	8,925	17,211	23,645	25,122	48,767	-	-	-	48,767	46,260	5.4%
PANGKOR	3,989	4,143	8,132	-	-	-	3,989	4,143	8,132	-	-	-	8,132	8,906	-8.7%
REDANG	12,537	13,134	25,671	4,633	4,653	9,286	17,170	17,787	34,957	-	-	-	34,957	33,738	3.6%
LABUAN	259,854	249,307	509,161	376	116	492	260,230	249,423	509,653	41,158	48	41,206	550,859	535,294	2.9%
LAHAD DATU	49,884	50,099	99,983	-	-	-	49,884	50,099	99,983	-	-	-	99,983	77,024	29.8%
SANDAkan	304,084	310,222	614,306	1,114	861	1,975	305,198	311,083	616,281	2,646	-	2,646	618,927	626,192	-1.2%
TAWAU	376,350	392,617	768,967	-	-	-	376,350	392,617	768,967	-	-	-	768,967	736,646	4.4%
BINTULU	203,733	196,974	400,707	-	-	-	203,733	196,974	400,707	17,211	-	17,211	417,918	381,158	9.6%
MIRI	764,835	772,119	1,536,954	-	-	-	764,835	772,119	1,536,954	886	-	886	1,537,840	1,454,167	5.8%
SIBU	410,959	416,838	827,797	-	-	-	410,959	416,838	827,797	3,975	-	3,975	831,772	809,955	2.7%
MULU	22,020	21,632	43,652	-	-	-	22,020	21,632	43,652	-	-	-	43,652	37,463	16.5%
LIMBANG	25,109	24,070	49,179	-	-	-	25,109	24,070	49,179	2	-	2	49,181	50,107	-1.8%
STOL SABAH	1,672	1,643	3,315	-	-	-	1,672	1,643	3,315	426	-	426	3,741	1,942	92.6%
STOL SARAWAK	68,840	70,158	138,998	-	-	-	68,840	70,158	138,998	6,809	-	6,809	145,807	134,079	8.7%
SEMENANJUNG Peninsular	7,993,048	7,878,841	15,871,889	9,842,268	9,839,208	19,681,476	17,835,316	17,718,049	35,553,365	3,122	284,291	287,413	35,840,778	34,030,477	5.3%
SABAH	2,768,937	2,804,819	5,573,756	490,143	491,339	981,482	3,259,080	3,296,158	6,555,238	136,212	40,191	176,403	6,731,641	6,377,037	5.6%
SARAWAK	2,947,574	2,960,312	5,907,886	128,219	126,973	255,192	3,075,793	3,087,265	6,163,078	95,977	5,729	101,706	6,264,784	6,103,397	2.6%
JUMLAH Total	13,709,559	13,643,972	27,353,531	10,460,630	10,457,520	20,918,150	24,170,189	24,101,492	48,271,681	235,311	330,211	565,522	48,837,203	46,510,911	5.0%

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD
Source : Malaysia Airports Holdings Berhad
SUMBER : SENAI AIRPORT TERMINAL SERVICES SDN. BHD
Source : Senai Airport Terminal Services Sdn. Bhd

JADUAL 4.6 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK KARGO TRANSIT), MALAYSIA, 1999 - 2008
Table 4.6 : Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 1999 - 2008

	METRIC TONNES									
LAPANGAN TERBANG Airports	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
KLIA	417,068	510,594	440,864	527,124	586,195	651,747	653,654	672,888	644,100	649,077
PULAU PINANG	158,654	171,787	176,317	202,044	197,567	212,369	221,971	225,952	208,582	192,936
KOTA KINABALU	27,087	27,347	24,887	28,112	25,638	27,191	25,473	28,356	35,638	34,532
KUCHING	22,055	24,200	22,897	24,835	26,278	26,073	28,407	29,716	23,818	19,166
LANGKAWI	244	403	213	210	287	325	449	487	524	589
JOHOR BHARU	2,072	6,014	4,157	3,849	3,697	-	7,518	4,366	5,444	5,068
KOTA BHARU	317	343	407	404	315	235	168	210	163	181
IPOH	371	359	361	388	498	735	437	357	10	-
KUALA TERENGGANU	146	160	186	151	160	124	94	70	47	24
ALOR SETAR	131	95	54	30	17	67	118	111	55	41
MELAKA	83	86	48	49	214	602	370	146	219	179
SUBANG	14,069	15,893	14,445	12,261	14,358	18,670	46,082	71,953	63,382	18,473
KUANTAN	110	109	121	96	64	64	75	109	103	70
TIOMAN	-	-	-	-	-	-	-	-	-	-
PANGKOR	46	2	-	-	-	-	-	-	-	-
LABUAN	1,745	2,597	2,946	3,176	2,733	2,653	3,077	3,207	3,985	4,566
LAHAD DATU	345	353	389	469	400	390	334	170	-	-
SANDAKAN	2,767	2,527	2,562	2,665	3,713	4,053	4,531	5,475	6,224	3,055
TAWAU	3,216	3,781	3,935	3,612	2,701	2,968	3,885	3,030	2,134	1,262
BINTULU	978	1,167	1,196	1,176	940	1,375	2,110	2,205	2,252	1,978
MIRI	3,837	4,200	4,096	3,903	3,881	4,721	5,392	4,080	3,564	4,146
SIBU	1,745	1,874	2,006	1,916	1,701	1,567	1,377	1,040	892	735
MULU	-	-	-	18	4	102	459	240	191	262
LIMBANG	164	217	173	249	226	179	289	379	440	475
STOL SABAH	5	34	3,658	4	2	2	1	1	-	-
STOL SARAWAK	976	1,000	1,046	818	847	862	540	403	845	692
SEMENANJUNG Peninsular	593,311	705,846	637,173	746,607	803,372	884,937	930,937	976,649	922,630	866,638
SABAH	35,166	36,639	34,723	38,037	35,187	37,257	37,301	40,238	47,981	43,415
SARAWAK	29,756	32,658	31,414	32,915	33,876	34,878	38,575	38,062	32,001	27,454
JUMLAH Total	658,233	775,143	703,310	817,559	872,436	957,072	1,006,813	1,054,950	1,002,612	937,508

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad

SUMBER : SENAI AIRPORT TERMINAL SERVICES SDN. BHD

Source : Senai Airport Terminal Services Sdn. Bhd

JADUAL 4.7 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2008
Table 4.7 : Total Cargo Handled by Airports, Malaysia, 2008

KILOGRAM

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	2008	2007	% +/-
KLIA	17,736,055	39,317,040	57,053,095	279,258,100	312,765,660	592,023,760	296,994,155	352,082,700	649,076,855	-	-	-	649,076,855	644,100,472	0.8%
PULAU PINANG	18,505,083	6,747,009	25,252,092	61,332,868	92,336,035	153,668,903	79,837,951	99,083,044	178,920,994	-	14,015,288	14,015,288	192,936,282	208,581,847	-7.5%
KOTA KINABALU	17,897,381	11,693,533	29,590,914	2,024,099	2,917,315	4,941,414	19,921,480	14,610,848	34,532,328	-	-	-	34,532,328	35,638,466	-3.1%
KUCHING	11,884,839	5,956,755	17,841,594	531,524	490,056	1,021,580	12,416,363	6,446,811	18,863,174	298,257	4,111	302,368	19,165,542	23,817,896	-19.5%
LANGKAWI	397,130	39,969	437,099	151,455	534	151,989	548,585	40,503	589,088	-	-	-	589,088	524,318	12.4%
JOHOR BHARU	2,942,513	2,108,589	5,051,102	1,435	15,408	16,843	2,943,948	2,123,997	5,067,945	-	-	-	5,067,945	5,507,617	-8.0%
KOTA BHARU	122,421	58,906	181,327	-	-	-	122,421	58,906	181,327	-	-	-	181,327	163,433	10.9%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	9,842	-100.0%
KUALA TERENGGANU	18,384	5,458	23,842	-	-	-	18,384	5,458	23,842	-	-	-	23,842	47,127	-49.4%
ALOR SETAR	8,976	32,217	41,193	-	-	-	8,976	32,217	41,193	-	-	-	41,193	54,921	-25.0%
MELAKA	-	-	-	85,783	92,835	178,618	85,783	92,835	178,618	-	-	-	178,618	219,348	-18.6%
SUBANG	2,611,628	7,624,077	10,235,705	4,326,112	3,910,994	8,237,106	6,937,740	11,535,070	18,472,811	-	-	-	18,472,811	63,381,746	-70.9%
KUANTAN	66,620	3,459	70,079	-	-	-	66,620	3,459	70,079	-	-	-	70,079	102,586	-31.7%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	1,909,870	444,268	2,354,138	977,837	448,610	1,426,447	2,887,707	892,878	3,780,585	785,641	-	785,641	4,566,226	3,984,716	14.6%
LAHAD DATU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SANDAKAN	1,151,520	1,903,069	3,054,589	-	-	-	1,151,520	1,903,069	3,054,589	-	-	-	3,054,589	6,224,488	-50.9%
TAWAU	342,430	919,767	1,262,197	-	-	-	342,430	919,767	1,262,197	-	-	-	1,262,197	2,133,629	-40.8%
BINTULU	1,311,779	666,355	1,978,134	-	-	-	1,311,779	666,355	1,978,134	290	-	290	1,978,424	2,251,766	-12.1%
MIRI	1,786,538	2,359,866	4,146,405	-	-	-	1,786,538	2,359,866	4,146,405	-	-	-	4,146,405	3,564,114	16.3%
SIBU	599,532	135,848	735,380	-	-	-	599,532	135,848	735,380	-	-	-	735,380	891,762	-17.5%
MULU	260,442	1,719	262,161	-	-	-	260,442	1,719	262,161	-	-	-	262,161	190,733	37.4%
LIMBANG	160,975	313,538	474,513	-	-	-	160,975	313,538	474,513	-	-	-	474,513	439,828	7.9%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	405	-100.0%
STOL SARAWAK	359,147	325,747	684,894	-	-	-	359,147	325,747	684,894	7,135	-	7,135	692,029	845,046	-18.1%
SEMENANJUNG Pangsudaru	42,408,810	55,936,723	98,345,534	345,155,753	409,121,466	754,277,218	387,564,563	465,058,189	852,622,752	-	14,015,288	14,015,288	866,638,040	922,693,257	-6.1%
SABAH	21,301,201	14,960,637	36,261,838	3,001,936	3,365,925	6,367,861	24,303,137	18,326,562	42,629,699	785,641	-	785,641	43,415,340	47,981,704	-9.5%
SARAWAK	16,363,252	9,759,829	26,123,081	531,524	490,056	1,021,580	16,894,776	10,249,885	27,144,661	305,682	4,111	309,793	27,454,454	32,001,145	-14.2%
JUMLAH Total	80,073,264	80,657,189	160,730,453	348,689,213	412,977,446	761,666,659	428,762,477	493,634,635	922,397,112	1,091,323	14,019,399	15,110,722	937,507,834	1,002,676,106	-6.5%

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD
Source : Malaysia Airports Holdings Berhad
SUMBER : SENAI AIRPORT TERMINAL SERVICES SDN. BHD
Source : Senai Airport Terminal Services Sdn. Bhd

JADUAL 4.8 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK MEL TRANSIT), MALAYSIA, 1999 - 2008
Table 4.8 : Total Mail Handled by Airports (Excluding Mel in Transit), Malaysia, 1999 - 2008

METRIC TONNES

LAPANGAN TERBANG Airports	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
KLIA	3,758	4,618	4,947	4,858	3,787	3,621	2,999	4,558	8,794	18,418
PULAU PINANG	54	63	32	1	992	1,563	9	2	1	-
KOTA KINABALU	4,210	4,795	3,019	5,214	5,737	5,940	5,032	3,787	4,044	3,149
KUCHING	2,760	4,575	5,503	5,181	5,131	5,344	5,086	3,467	3,137	999
LANGKAWI	27	37	22	25	42	44	46	58	58	83
JOHOR BHARU	-	4	-	-	-	-	-	-	-	-
KOTA BHARU	206	237	285	287	305	384	226	171	175	236
IPOH	-	13	-	-	-	-	-	-	-	-
KUALA TERENGGANU	109	119	112	136	164	174	132	10	4	8
ALOR SETAR	1	1	-	-	-	-	-	-	-	2
MELAKA	-	9	-	-	-	-	-	-	-	-
SUBANG	6,780	7,642	7,120	7,142	7,860	8,003	7,006	1,656	-	-
KUANTAN	-	6	6	-	9	12	2	-	-	-
TIOMAN	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-
LABUAN	270	251	269	288	307	276	257	291	334	399
LAHAD DATU	152	224	199	201	155	165	154	212	157	193
SANDAKAN	460	493	514	360	216	202	52	90	9	233
TAWAU	417	510	606	510	453	431	264	102	27	281
BINTULU	110	171	168	151	122	151	134	240	83	339
MIRI	1,001	1,287	1,441	1,118	1,283	1,255	1,633	1,439	1,806	1,665
SIBU	550	763	527	543	598	909	1,089	698	59	-
STOL SABAH	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	-	-	-	-	-	32	90	106	6	94
SEMENANJUNG Peninsular	10,935	12,748	12,523	12,449	13,160	13,801	10,421	6,455	9,033	18,747
SABAH	5,509	6,274	4,607	6,573	6,868	7,013	5,759	4,481	4,572	4,254
SARAWAK	4,421	6,797	7,638	6,993	7,133	7,691	8,032	5,950	5,090	3,097
JUMLAH Total	20,865	25,819	24,767	26,015	27,161	28,505	24,212	16,886	18,695	26,098

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad

JADUAL 4.9 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2008
Table 4.9 : Total Mail Handled by Airports, Malaysia, 2008

KILOGRAM

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	2008	2007	% +/-
KLIA	1,439,599	3,882,423	5,322,022	7,752,924	5,342,894	13,095,818	9,192,523	9,225,317	18,417,840	-	-	-	18,417,840	8,794,238	109.4%
PULAU PINANG	4	3	7	111	279	390	115	282	397	-	-	-	397	1,403	-71.7%
KOTA KINABALU	2,045,928	1,085,508	3,131,436	12,329	4,855	17,184	2,058,257	1,090,363	3,148,620	-	-	-	3,148,620	4,044,470	-22.1%
KUCHING	299,563	686,047	985,610	3,634	8,327	11,961	303,197	694,374	997,571	994	-	994	998,565	3,136,968	-68.2%
LANGKAWI	55,255	27,012	82,267	236	-	236	55,491	27,012	82,503	-	-	-	82,503	58,320	41.5%
KOTA BHARU	139,851	96,549	236,400	-	-	-	139,851	96,549	236,400	-	-	-	236,400	174,675	35.3%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUALA TERENGGANU	3,500	4,632	8,132	-	-	-	3,500	4,632	8,132	-	-	-	8,132	3,868	110.2%
ALOR SETAR	877	861	1,738	-	-	-	877	861	1,738	-	-	-	1,738	-	-
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUANTAN	1	-	1	-	-	-	1	-	1	-	-	-	1	26	-96.2%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	316,169	82,405	398,574	-	-	-	316,169	82,405	398,574	-	-	-	398,574	334,110	19.3%
LAHAD DATU	170,951	22,150	193,101	-	-	-	170,951	22,150	193,101	-	-	-	193,101	156,664	-
SANDAKAN	179,359	53,724	233,083	-	-	-	179,359	53,724	233,083	-	-	-	233,083	9,283	2410.9%
TAWAU	240,784	39,873	280,657	-	-	-	240,784	39,873	280,657	-	-	-	280,657	27,142	934.0%
BINTULU	277,381	61,564	338,945	-	-	-	277,381	61,564	338,945	-	-	-	338,945	82,962	308.6%
MIRI	1,210,095	454,909	1,665,004	-	-	-	1,210,095	454,909	1,665,004	-	-	-	1,665,004	1,805,893	-7.8%
SIBU	-	-	-	-	-	-	-	-	-	-	-	-	-	58,906	-100.0%
MULU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMBANG	69,397	14,999	84,396	-	-	-	69,397	14,999	84,396	-	-	-	84,396	-	-
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	6,826	3,451	10,077	-	-	-	6,826	3,451	10,077	-	-	-	10,077	5,746	75.4%
SEMENANJUNG <i>Penninsular</i>	1,639,087	4,011,480	5,650,567	7,753,271	5,343,173	13,096,444	9,392,358	9,354,653	18,747,011	-	-	-	18,747,011	9,032,530	107.5%
SABAH <i>Penninsular</i>	2,953,191	1,283,660	4,236,851	12,329	4,855	17,184	2,965,520	1,288,515	4,254,035	-	-	-	4,254,035	4,571,669	-6.9%
SARAWAK	1,863,062	1,220,970	3,084,032	3,634	8,327	11,961	1,866,696	1,229,297	3,095,993	994	-	994	3,096,987	5,090,475	-39.2%
JUMLAH Total	8,455,340	6,516,110	12,971,450	7,769,234	5,356,355	13,125,589	14,224,574	11,872,465	26,097,039	994	-	994	26,098,033	18,694,674	39.6%

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad

JADUAL 4.10 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 1999 - 2008
Table 4.10 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 1999 - 2008

LAPANGAN TERBANG Airports	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
KLIA	116,012	109,339	113,147	127,462	139,101	164,483	181,341	182,548	192,304	209,681
PULAU PINANG	27,470	27,672	28,866	28,861	26,516	29,182	31,173	31,448	34,508	38,335
KOTA KINABALU	38,049	39,889	38,680	42,177	42,491	50,313	49,680	50,594	49,881	52,463
KUCHING	31,561	34,551	36,625	39,477	38,676	41,353	39,430	37,167	34,192	36,087
LANGKAWI	8,306	8,947	9,448	7,910	7,168	7,352	8,021	8,287	10,828	12,242
JOHOR BHARU	10,678	11,432	11,513	9,291	8,848	-	-	-	-	-
KOTA BHARU	5,642	4,588	4,808	6,255	7,520	8,888	8,765	10,368	13,074	14,083
IPOH	2,102	2,117	1,946	1,662	1,572	1,402	1,145	954	12	183
KUALA	3,512	3,210	3,366	3,196	4,221	4,776	4,623	3,792	4,533	6,038
ALOR SETAR	3,164	2,968	2,978	2,940	3,646	3,568	3,267	2,820	2,668	2,934
MELAKA	436	458	278	182	1,102	2,135	1,328	596	714	700
SUBANG	23,461	25,423	22,441	14,685	5,140	6,981	8,988	9,158	7,234	11,448
KUANTAN	4,590	3,782	4,046	3,764	3,743	3,748	3,500	2,748	3,253	3,334
TIOMAN	3,440	2,000	2,708	2,357	2,173	1,885	1,668	1,836	1,597	1,603
PANGKOR	586	520	652	519	511	534	530	514	517	503
REDANG	-	-	-	-	-	741	1,110	934	1,053	1,083
LABUAN	8,340	7,261	7,572	8,358	9,661	10,450	9,292	9,332	10,127	11,212
LAHAD DATU	2,322	2,556	2,694	2,886	2,882	2,948	3,010	3,203	2,195	2,922
SANDAKAN	8,559	9,214	9,325	9,474	9,985	10,184	10,876	10,034	7,719	8,991
TAWAU	6,346	6,428	6,547	6,928	7,450	8,019	8,531	8,005	6,863	7,334
BINTULU	10,043	11,642	12,646	14,111	13,288	13,240	13,146	11,388	6,542	8,933
MIRI	36,602	32,706	36,010	39,545	40,468	42,306	40,302	39,462	33,022	35,178
SIBU	14,631	15,301	16,589	16,791	16,593	17,162	16,683	15,092	11,765	14,307
MULU	2,708	2,684	3,484	4,536	3,422	3,066	2,620	2,220	1,638	1,642
LIMBANG	4,134	4,840	5,130	4,688	4,994	5,625	5,490	4,242	2,300	1,860
STOL SABAH	1,074	905	902	922	936	812	814	800	338	459
STOL SARAWAK	12,573	10,980	12,486	13,531	13,816	13,816	14,322	14,718	12,457	12,716
SEMENANJUNG Peninsular	209,399	202,456	206,197	209,084	211,261	235,675	255,459	256,003	272,295	302,167
SABAH	64,690	66,253	65,720	70,745	73,405	82,726	82,203	81,968	77,123	83,381
SARAWAK	112,252	112,704	122,970	132,679	131,257	136,568	131,993	124,289	101,916	110,723
JUMLAH Total	386,341	381,413	394,887	412,508	415,923	454,969	469,655	462,260	451,334	496,271

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad

SUMBER : SENAI AIRPORT TERMINAL SERVICES SDN. BHD

Source : Senai Airport Terminal Services Sdn. Bhd

JADUAL 4.11 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2008
Table 4.11 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2008

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	2008	2007	% +/-
KLIA	80,653	134	80,787	127,525	1,369	128,894	208,178	1,503	209,681	209,681	192,304	9.0%
PULAU PINANG	21,573	1	21,574	16,749	12	16,761	38,322	13	38,335	38,335	34,508	11.1%
KOTA KINABALU	38,755	2,635	41,390	11,065	8	11,073	49,820	2,643	52,463	52,463	49,881	5.2%
KUCHING	29,575	3,031	32,606	3,344	137	3,481	32,919	3,168	36,087	36,087	34,192	5.5%
LANGKAWI	11,165	-	11,165	1,077	-	1,077	12,242	-	12,242	12,242	10,828	13.1%
KOTA BHARU	8,895	5,188	14,083	-	-	-	8,895	5,188	14,083	14,083	13,074	7.7%
IPOH	-	-	-	183	-	183	183	-	183	183	12	1425.0%
KUALA TERENGGANU	6,027	-	6,027	-	11	11	6,027	11	6,038	6,038	4,533	33.2%
ALOR SETAR	2,934	-	2,934	-	-	-	2,934	-	2,934	2,934	2,668	10.0%
MELAKA	-	-	-	700	-	700	700	-	700	700	714	-2.0%
SUBANG	10,388	-	10,388	1,060	-	1,060	11,448	-	11,448	11,448	7,234	58.3%
KUANTAN	3,282	-	3,282	46	6	52	3,328	6	3,334	3,334	3,253	2.5%
TIOMAN	982	-	982	621	-	621	1,603	-	1,603	1,603	1,597	0.4%
PANGKOR	503	-	503	-	-	-	503	-	503	503	517	-2.7%
REDANG	765	-	765	318	-	318	1,083	-	1,083	1,083	1,053	2.8%
LABUAN	7,842	2,952	10,794	340	78	418	8,182	3,030	11,212	11,212	10,127	10.7%
LAHAD DATU	2,808	114	2,922	-	-	-	2,808	114	2,922	2,922	2,195	33.1%
SANDAKAN	6,973	1,967	8,940	38	13	51	7,011	1,980	8,991	8,991	7,719	16.5%
TAWAU	7,082	219	7,301	-	33	33	7,082	252	7,334	7,334	6,863	6.9%
BINTULU	7,221	1,701	8,922	-	11	11	7,221	1,712	8,933	8,933	6,542	36.5%
MIRI	27,164	8,014	35,178	-	-	-	27,164	8,014	35,178	35,178	33,022	6.5%
SIBU	13,181	1,126	14,307	-	-	-	13,181	1,126	14,307	14,307	11,765	21.6%
MULU	1,642	-	1,642	-	-	-	1,642	-	1,642	1,642	1,638	0.2%
LIMBANG	1,860	-	1,860	-	-	-	1,860	-	1,860	1,860	2,300	-19.1%
STOL SABAH	459	-	459	-	-	-	459	-	459	459	338	35.8%
STOL SARAWAK	12,716	-	12,716	-	-	-	12,716	-	12,716	12,716	12,457	2.1%
SEMENANJUNG Peninsular	147,167	5,323	152,490	148,279	1,398	149,677	295,446	6,721	302,167	302,167	272,295	11.0%
SABAH	63,919	7,887	71,806	11,443	132	11,575	75,362	8,019	83,381	83,381	77,123	8.1%
SARAWAK	93,359	13,872	107,231	3,344	148	3,492	96,703	14,020	110,723	110,723	101,916	8.6%
JUMLAH Total	304,445	27,082	331,527	163,066	1,678	164,744	467,511	28,760	496,271	496,271	451,334	10.0%

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD
Source : Malaysia Airports Holdings Berhad
SUMBER : SENAI AIRPORT TERMINAL SERVICES SDN. BHD
Source : Senai Airport Terminal Services Sdn, Bhd

JADUAL 4.12 : PERGERAKAN TRAFIK DI ANTARA LAPANGAN TERBANG-LAPANGAN TERBANG MALAYSIA (TERMASUK SINGAPURA), 2008
Table 4.12 : Traffic Movements Between Malaysian Airports(Including Singapore), 2008

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	152,533	154,522	307,055	77,981	64,641	142,622	12,371	17,173	29,544
KUALA LUMPUR	-	IPOH	-	-	-	-	-	-	-	-	-
KUALA LUMPUR	-	JOHOR BHARU	183,507	205,881	389,388	1,502,795	545,226	2,048,021	-	-	-
KUALA LUMPUR	-	KOTA BHARU	371,650	368,622	740,272	317,273	160,248	825,269	14,426	-	14,426
KUALA LUMPUR	-	KOTA KINABALU	837,160	853,488	1,690,648	11,103,091	3,444,088	11,054,785	857,964	406,011	1,263,975
KUALA LUMPUR	-	TERENGGANU	217,451	219,344	436,795	131,831	46,605	178,436	20,484	-	20,484
KUALA LUMPUR	-	KUANTAN	118,339	119,777	238,116	82,310	21,950	104,260	-	-	-
KUALA LUMPUR	-	KUCHING	732,455	733,685	1,466,140	10,155,447	5,932,316	16,087,763	1,928,526	965,691	2,894,217
KUALA LUMPUR	-	LABUAN	131,970	131,472	263,442	1,161,938	464,046	1,625,984	257,833	23,751	281,584
KUALA LUMPUR	-	LANGKAWI	502,401	524,372	1,026,773	483,969	130,097	614,066	65,606	40,162	105,768
KUALA LUMPUR	-	MIRI	244,542	242,266	486,808	1,420,481	605,867	2,026,348	305,142	79,173	384,315
KUALA LUMPUR	-	PULAU PINANG	633,046	648,147	1,281,193	5,717,932	6,160,362	11,878,294	25,167	-	25,167
KUALA LUMPUR	-	SINGAPURA	937,726	968,129	1,905,855	20,830,825	17,961,229	38,792,054	78,121	708,418	786,539
KUALA LUMPUR	-	SIBU	169,787	167,582	337,369	1,262,491	564,793	1,827,284	155,198	-	155,198
KUALA LUMPUR	-	TAWAU	165,078	169,240	334,318	1,325,603	1,328,901	2,654,504	72,879	-	72,879
PULAU PINANG	-	LANGKAWI	21,957	22,615	44,572	-	2,986	2,986	-	-	-
PULAU PINANG	-	SINGAPURA	238,281	244,325	482,606	11,187,646	13,345,098	24,532,744	-	-	-
KOTA KINABALU	-	JOHOR BHARU	105,770	102,427	208,197	663,582	756,701	1,420,283	-	-	-
KOTA KINABALU	-	TAWAU	212,753	211,988	424,741	883,088	1,467,932	2,351,020	234,154	45,831	279,985
KOTA KINABALU	-	LABUAN	67,670	92,207	159,877	596,984	350,162	947,146	71,503	38,684	110,187
KOTA KINABALU	-	LAHAD DATU	49,719	48,835	98,554	194,587	7,103	201,690	189,432	18,609	208,041
KOTA KINABALU	-	MIRI	111,764	113,915	225,679	901,964	590,570	1,492,534	78,526	39,742	118,268
KOTA KINABALU	-	SIBU	28,549	18,340	46,889	84,607	8,610	93,217	959	1,494	2,453
KOTA KINABALU	-	KUCHING	139,899	146,363	286,262	1,362,818	823,143	2,185,961	140,813	736,837	877,650
KOTA KINABALU	-	SINGAPURA	55,836	49,872	105,708	141,191	207,621	348,812	138	8,768	8,906
KUCHING	-	JOHOR BHARU	161,552	152,807	314,359	39,653	333,020	372,673	34	1,575	1,609
KUCHING	-	PULAU PINANG	33,773	34,007	67,780	-	-	-	-	-	-
KUCHING	-	SINGAPURA	70,356	70,629	140,985	484,145	474,823	958,968	7,554	4,106	11,660
BINTULU	-	MIRI	11,173	12,769	23,942	3,522	1,275	4,797	908	2	910
MIRI	-	LABUAN	48,216	47,236	95,452	-	-	-	-	-	-
MIRI	-	SIBU	26,028	31,926	57,954	-	-	-	-	-	-
SANDAKAN	-	TAWAU	11,153	10,454	21,607	4,646	592	5,238	423	81	189
LANGKAWI	-	SINGAPURA	44,717	43,571	88,288	534	151,455	151,989	-	-	-
MIRI	-	JOHOR BHARU	30,544	29,247	59,791	-	-	-	-	-	-

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

JADUAL 4.13 : PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2008
Table 4.13 : Traffic Movements for Rural Air Services, Sabah and Sarawak, 2008

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	179	162	341	-	-	-	-	-	-
KOTA KINABALU	-	SANDAKAN	45,930	41,228	87,158	147,721	233,712	381,433	80,268	13,550	93,818
KOTA KINABALU	-	BINTULU	543	3,447	3,990	312	5,158	5,470	-	68	68
KUDAT	-	SANDAKAN	398	339	737	24	-	24	-	-	-
LAWAS	-	KOTA KINABALU	-	-	-	-	-	-	-	-	-
LIMBANG	-	KOTA KINABALU	-	-	-	-	-	-	-	-	-
MIRI	-	BARIO	1,611	1,534	3,145	-	-	-	-	-	-
SANDAKAN	-	TOMANGGONG	-	-	-	-	-	-	-	-	-
SANDAKAN	-	TAWAU	2,327	3,138	5,465	1,052	291	1,343	30	-	30
JUMLAH Total			50,988	49,848	100,836	149,109	239,161	388,270	80,298	13,618	93,916
SARAWAK											
KUCHING	-	BINTULU	19,777	20,714	40,491	53,211	8,757	61,968	70,214	13,479	83,693
KUCHING	-	LABUAN	5	274	279	-	1	1	-	-	-
KUCHING	-	MIRI	42,966	47,224	90,190	280,062	163,502	443,564	22,090	1,592	23,682
KUCHING	-	SIBU	32,801	35,136	67,937	80,668	13,023	93,691	88,823	105	88,928
KUCHING	-	MUKAH	43	52	95	-	-	-	-	-	-
LAWAS	-	MIRI	4,953	5,040	10,357	-	-	-	-	-	-
LIMBANG	-	MIRI	5,317	5,280	5,280	-	-	-	-	-	-
LIMBANG	-	LAWAS	-	-	-	-	-	-	-	-	-
MARUDI	-	MIRI	3,110	3,223	6,333	-	-	-	-	-	-
MIRI	-	MULU	6,713	6,396	13,109	-	-	-	-	-	-
MIRI	-	SIBU	5,507	7,016	12,523	-	-	-	-	-	-
MUKAH	-	MIRI	996	1,045	2,041	-	-	-	-	-	-
MUKAH	-	SIBU	-	-	-	-	-	-	-	-	-
SIBU	-	BINTULU	5,402	1,263	6,665	924	158	1,082	1,013	702	1,715
JUMLAH Total			127,590	132,663	255,300	414,865	185,441	600,306	182,140	15,878	198,018

SUMBER : MALAYSIA AIRPORTS HOLDINGS BERHAD

Source : Malaysia Airports Holdings Berhad