



STATISTIK PENGANGKUTAN TRANSPORT STATISTICS MALAYSIA

Kementerian Pengangkutan Malaysia
Ministry of Transport Malaysia

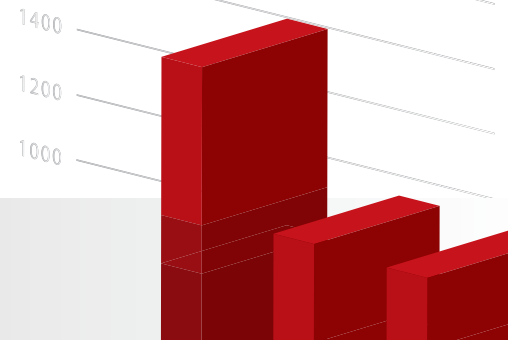
2011



STATISTIK **PENGANGKUTAN** TRANSPORT STATISTICS **MALAYSIA**

Kementerian Pengangkutan Malaysia
Ministry of Transport Malaysia

2011



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KETUA SETIAUSAHA
KEMENTERIAN PENGANGKUTAN

PRAKATA STATISTIK PENGANGKUTAN 2011

PREFACE TRANSPORT STATISTICS 2011

Statistik Pengangkutan Malaysia 2011 memaparkan data terpilih untuk sektor pengangkutan darat, rel, maritim dan udara di Malaysia. Buku laporan statistik pengangkutan ini bertujuan membekalkan maklumat terkini dan padat mengenai sektor pengangkutan. Beberapa penunjuk utama terpilih beserta carta telah disediakan bagi membantu pengguna memahami perkembangan dan arah aliran sektor pengangkutan di Malaysia.

Sektor pengangkutan terus memainkan peranan yang penting sebagai salah satu penggerak utama kepada agenda pembangunan ekonomi Negara. Justeru itu, Kerajaan akan terus memberi perhatian dan penekanan ke atas perkembangan sektor pengangkutan agar ia dapat merealisasikan hasrat Kerajaan yang ingin menyediakan rangkaian sistem pengangkutan yang komprehensif.

Adalah diharapkan penerbitan buku laporan ini dapat dijadikan satu bahan rujukan yang mudah dan bernilai kepada para pengguna dalam membuat penyelidikan dan penganalisan mengenai rangkaian sistem pengangkutan yang terdapat di Malaysia.

Saya ingin mengambil kesempatan ini untuk mengucapkan setinggi-tinggi penghargaan dan terima kasih kepada semua jabatan dan agensi di bawah Kementerian Pengangkutan dan pihak-pihak yang berkenaan atas kerjasama dan sumbangan ke arah merealisasikan penerbitan buku statistik ini. Segala cadangan dan pandangan bagi penambahbaikan kandungan, persembahan dan penyampaian maklumat untuk terbitan seterusnya amat dialu-alukan.

Transport Statistics Malaysia 2011 presents selected statistical information on land, rail, maritime and aviation transport sectors in Malaysia. The purpose of this statistical report is to provide users with comprehensive and up-to-date information on the transport sector in the country. Selected key indicators with charts have been incorporated to assist users in understanding the development and trends of the transport sector in Malaysia.

The transport sector continues to play an important role as a catalyst in the economic development of the nation. The government in this regard will continue to focus and place emphasis on the development of the transport sector in order to attain the national aspiration of providing a comprehensive transport system network.

It is hoped that the publication of this report would serve as useful, convenient and valuable reference to consumers for research and analysis of the network transport system in Malaysia.

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

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Royal Malaysian Police
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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
- Suruhanjaya Pengangkutan Awam Darat
Land Public Transport Commission
- 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

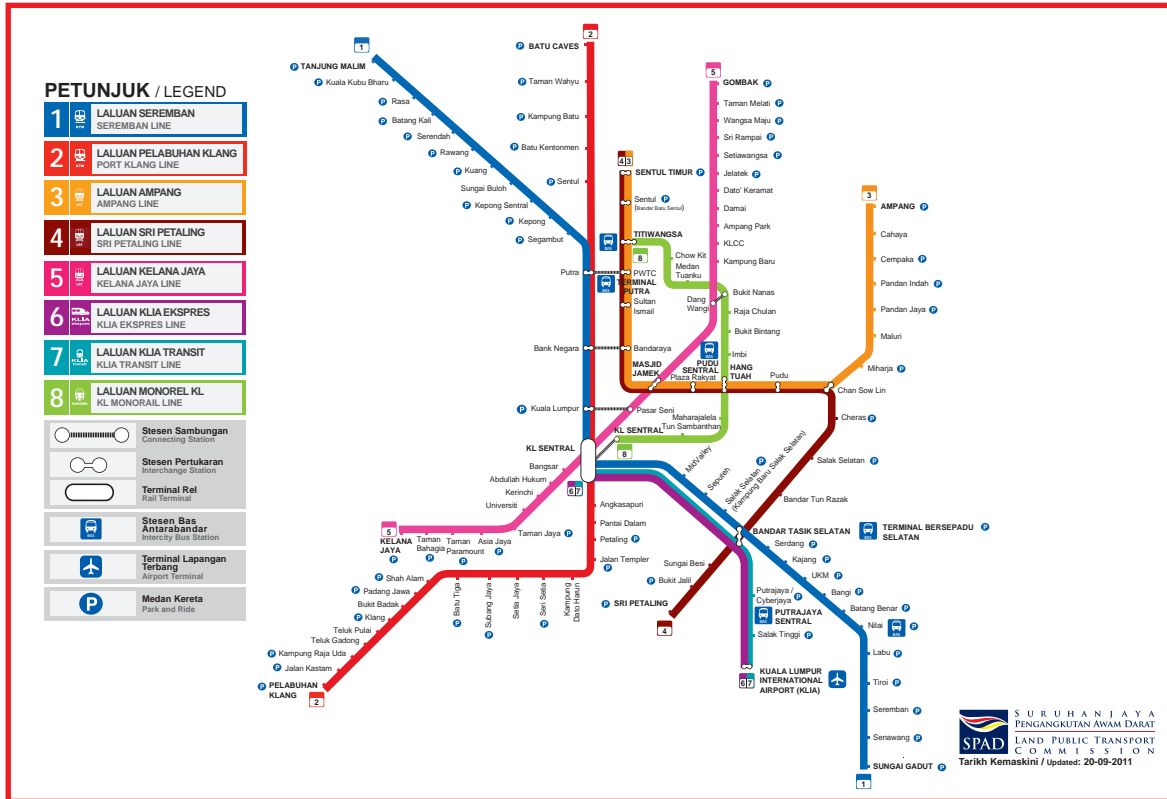


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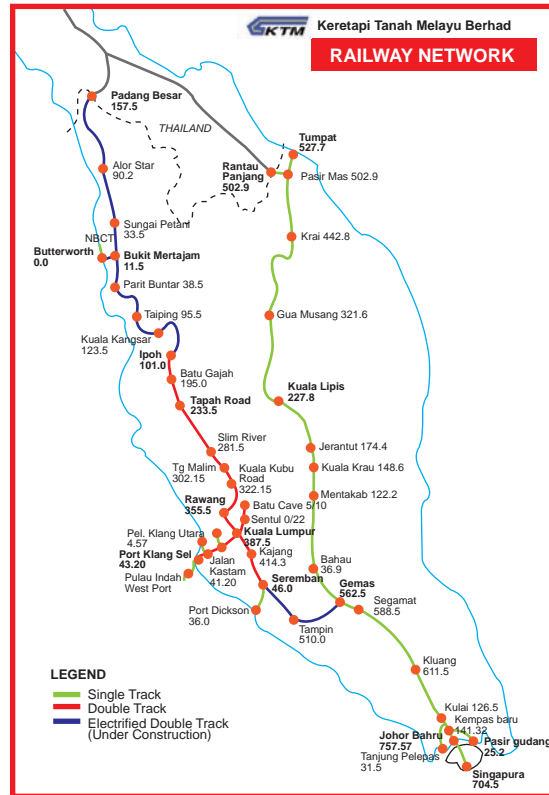
PETA Maps



Rangkaian Pengangkutan Transit Rel Lembah Klang Transit Rail Transport Network of Klang Valley



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



 Pelabuhan-Pelabuhan Persekutuan
Federal Ports



LOKASI PELABUHAN - PELABUHAN NEGERI DAN PELABUHAN PERSEKUTUAN, SABAH

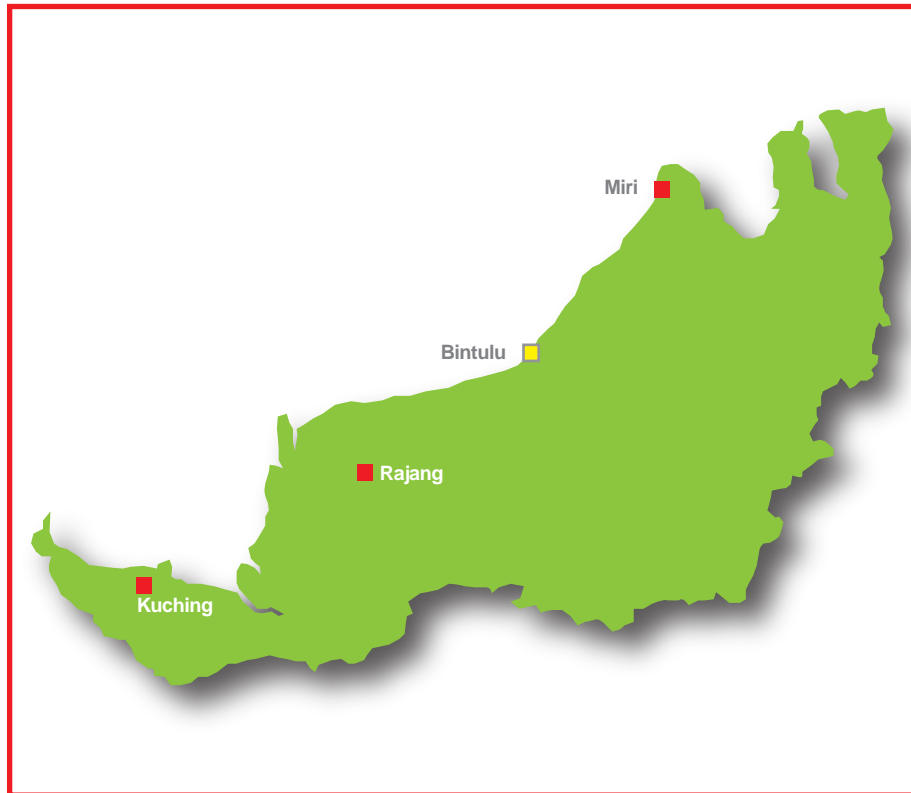
State and Federal Ports Location of Sabah



- Pelabuhan Persekutuan
Federal Port
- Pelabuhan-Pelabuhan Negeri
State Ports

LOKASI PELABUHAN - PELABUHAN NEGERI DAN PELABUHAN PERSEKUTUAN, SARAWAK

State and Federal Ports Location of Sarawak



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

Lokasi Lapangan Terbang Semenanjung Malaysia

Airport Location of Peninsular Malaysia



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

LOKASI LAPANGAN TERBANG SABAH

Airport Location of Sabah



Lapangan Terbang Antarabangsa
International airports

Lapangan Terbang Domestik
Domestic airports

Padang Terbang
Airstrips



LOKASI LAPANGAN TERBANG SARAWAK

Airport Location of Sarawak



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



PENGGANGKUTAN DARAT

Land Transport

Kementerian Pengangkutan Malaysia
Ministry of Transport Malaysia

JADUAL 1.11 : BILANGAN LESEN YANG DIKELUARKAN MENGIKUT KELAS LESEN, MALAYSIA, 2002 – 2011
Table 1.11 : Number of Licenses Issued by Class of Licenses, Malaysia, 2002 - 2011

KELAS LESEN <i>Class of Licenses</i>		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011*
BAS <i>Busses</i>	BERHENTI-HENTI/ <i>Stage</i>	363	97	151	519	361	540	513	385	259	636
	EKSPRES/ <i>Express</i>	522	432	177	111	60	356	389	328	332	142
	MINI/ <i>Mini</i>	47	12	13	19	-	11	12	121	18	211
	PEKERJA/ <i>Employees</i>	642	596	347	260	128	361	675	255	429	12
	PENGANTARA/ <i>Feeder</i>	54	11	11	8	14	-	58	127	66	591
	CATAR/ <i>Chartered</i>	-	-	-	11*	5	19	378	181	232	12
	SEKOLAH/ <i>School</i>	964	743	537	635	299	846	1,423	1,129	1,074	927
JUMLAH KECIL/<i>Sub Total</i>		2,592	1,891	1,236	1,552	867	2,133	3,448	2,526	2,410	2,531
LORI <i>Lorries</i>	"A"	10,356	4,540	5,085	5,373	3,875	12,492	14,913	16,152	16,118	14,664
	"C"	2,203	1,130	834	714	554	1,746	2,061	2,464	2,614	2,250
	JUMLAH KECIL/<i>Sub Total</i>	12,559	5,670	5,919	6,087	4,429	14,238	16,974	18,616	18,732	16,914
TEKSI <i>Taxi</i>	SEWA/ <i>Hire</i>	672	306	105	4	43	257	255	1,221	1,075	127
	SEWA PANDU SENDIRI/ <i>Hire & Drive</i>	109	597	318	1,491	1,709	1,155	1,388	3,139	1,680	1,545
	TEKSI/ <i>Taxi</i>	6,856	1,314	602	1,099	237	689	624	2,945	4,993	945
	LAPANGAN TERBANG / <i>Airport</i>	-	-	1	313	360	228	498	198	136	68
	LIMOUSIN/ <i>Limousine</i>	114	48	40	72	25	292	131	97	60	4,965
JUMLAH KECIL/<i>Sub Total</i>		7,751	2,265	1,066	2,979	2,374	2,621	2,896	7,600	7,944	7,650
JUMLAH KESELURUHAN/<i>Grand Total</i>		22,902	9,826	8,221	10,618	7,670	18,992	23,318	28,742	29,086	27,095

SUMBER : LEMBAGA PERLESENAN KENDERAAN PERDAGANGAN, SURUHANJAYA PENGANGKUTAN AWAM DARAT

Source : Commercial Vehicles Licensing Board, Land Public Transport Commission

 * : Pada tahun 2005, kelas lesen bas catar telah diperkenalkan
Class of chartered bus licenses was introduced in 2005

 * : Data bagi November - Disember 2011 tidak termasuk Sabah dan Sarawak
Data for November-December 2011 excluding Sabah and Sarawak

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2002 – 2011

Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2002 - 2011

BIL No	STESEN Station	KM	LOKASI Location	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
PERAK													
1	AR 101	106.6	Ipoh - Tanjung Malim (Slim River toll house)	9,515	10,416	11,246	11,892	13,555	16,031	13,854	15,038	15,322	15,443
2	AR 204	78.9	Ipoh - Lumut	18,402	19,576	19,594	19,764	20,907	21,192	21,138	23,920	22,389	26,134
3	AR 301	35.9	Ipoh - Kampar	22,421	23,403	23,243	22,677	24,314	20,703	23,050	23,659	31,022	33,342
4	AR 303	5.6	Ipoh - Gopeng	57,666	56,044	57,852	58,955	62,597	66,573	71,205	79,513	84,135	80,836
5	AR 501	30.4	Ipoh - Kuala Kangsar (500m north of Sg. Siput town)	15,474	14,510	15,298	15,079	15,399	17,927	18,036	19,085	19,426	24,750
6	AR 601	79.7	Ipoh - Batu Hampar - Changkat Jering	5,865	5,984	3,068	9,527	15,758	13,152	16,091	16,752	10,371	11,726
7	AR 603	82.1	Ipoh - Changkat Jering - Semanggol	15,466	13,374	15,442	8,817	2,667	16,365	10,034	7,076	10,270	16,975
8	AR 703	106.3	Ipoh - Teluk Intan - Simpang Empat	9,994	20,345	20,976	21,284	23,258	5,774	24,244	25,159	25,365	27,504
9	AR 801	96.6	Ipoh - Kuala Kangsar - Gerik	6,235	6,563	6,798	6,931	4,169	5,774	2,509	2,715	1,724	3,421
10	AR 803	2.4	Lebuhraya Timur - Barat	2,280	1,996	2,269	2,608	2,906	3,124	2,945	3,078	3,337	3,463
SELANGOR													
11	BR 102	3.5	Klang - Port Klang (Jalan Watson)	26,409	48,319	47,213	45,006	35,132	47,105	47,817	46,690	52,901	59,753
12	BR 108	-	300m From The Federal Highway's Junction - North Klang Straits Bypass	99,279	107,975	112,600	111,393	109,893	117,571	129,408	122,468	141,121	149,246
13	BR 203	48.3	Klang - Morib - Batu Laut	5,904	5,913	6,445	6,311	6,709	6,400	6,711	7,023	7,101	7,467
14	BR 405	45.1	Kuala Lumpur - Kepong - Kuala Selangor	23,956	23,096	19,427	20,593	21,287	22,675	19,991	20,938	22,822	25,303
15	BR 501	72.1	Klang - Sabak Bernam	15,045	14,145	13,782	15,230	17,456	19,393	17,977	19,773	20,466	23,917
16	BR 604	21.7	Kuala Lumpur - Kajang	-	n.a	48,722	53,115	56,808	26,712	56,634	58,929	56,609	63,350
17	BR 701	58.6	Kuala Lumpur - Kuala Kubu Baru junction (south of junction)	9,222	9,741	8,883	9,396	9,896	11,712	12,307	13,209	18,293	14,773
18	BR 902	19.0	Kuala Lumpur - Karak Highway	62,906	137,364	138,783	146,831	141,362	172,362	137,870	13,209	129,345	158,767

SUMBER : KEMENTERIAN KERJA RAYA
Source : Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2002 – 2011 (S.A.M.B.)
Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2002 - 2011 (Cont'd)

BIL No	STESEN Station	KM	LOKASI Location	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
PAHANG													
19	CR 102	67.0	Kuala Lumpur-Kuantan (along KL-Karak Highway)	16,131	16,348	16,350	17,038	19,707	22,273	20,703	22,224	28,109	30,418
20	CR 403	233.0	Kuantan-Maran	18,944	20,790	18,783	20,345	22,293	24,943	23,395	26,064	28,248	32,056
21	CR 410	32.5	Kuantan-Kemaman	16,470	16,098	15,316	16,470	188,840	23,396	20,260	22,249	22,079	25,606
22	CR 503	282.0	Kuala Lumpur-Kuala Lipis-Kampung Padang Tuanku-Kota Bharu	4,796	5,051	5,890	5,726	6,134	6,605	6,609	6,159	6,253	7,758
23	CR 603	3.0	Pekan-Nenasi	5,665	6,881	6,651	6,450	6,513	6,774	5,746	7,783	8,650	10,737
24	CR 801	115.0	Kuantan-Karak	15,938	16,616	13,474	13,906	11,003	12,429	11,567	11,614	9,029	12,757
25	CR 805	189.0	Kuantan-Maran	11,309	11,848	8,820	8,871	6,832	6,800	6,587	6,761	6,980	8,049
26	CR 902	-	Kuantan-Segamat (400m. Bkt. Ibam-Rompin junction north bound)	6,412	6,571	7,159	6,828	6,634	6,708	7,316	11,634	8,102	9,270
KELANTAN													
27	DR 201	19.3	Kota Bharu - Melor	24,235	23,218	28,378	24,934	22,900	40,141	29,890	43,222	31,602	41,732
28	DR 603	6.1	Km Lebuhraya Timur-Barat	-	4,287	4,229	4,509	4,807	5,572	2,704	5,296	5,440	6,449
29	DR 802	61.5	Kota Bharu - Kuala Krai	13,072	13,464	14,501	14,502	16,932	19,526	18,707	19,521	20,632	24,538
JOHOR													
30	JR 101	142.0	Johor Bahru - Batu Pahat - Muar	9,967	12,739	11,956	11,577	11,086	12,172	10,736	12,735	11,162	12,882
31	JR 104	127.2	Johor Bahru - Yong Peng - Muar	8,309	9,775	8,494	10,052	17,891	27,608	32,094	33,381	25,916	44,101
32	JR 108	116.0	Johor Bahru - Segamat	9,723	10,050	10,334	10,030	11,281	12,558	12,732	12,869	12,262	14,327
33	JR 205	12.7	Johor Bahru - Skudai	200,828	206,699	199,931	191,864	199,433	187,687	407,454	218,035	221,084	234,729
34	JR 218	-	1000m east junction to Masai	45,572	26,633	46,128	51,142	45,330	42,184	86,914	46,426	49,309	44,470
35	JR 305	76.0	Johor Bahru - Ayer Hitam	11,862	12,368	13,434	13,590	15,248	15,381	14,708	15,261	14,810	16,383

SUMBER : KEMENTERIAN KERJA RAYA
 Source : Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2002 – 2011 (S.A.M.B.)

Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2002 - 2011 (Cont'd)

BIL No	STESEN Station	KM	LOKASI Location	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
JOHOR													
36	JR 306	49.5	Batu Pahat - Ayer Hitam - Kluang	33,247	32,325	34,299	30,642	31,429	30,941	33,897	33,572	34,964	40,647
37	JR 404	38.6	Johor Bahru - Kota Tinggi	18,960	18,761	20,418	9,799	19,289	18,786	5,231	19,182	20,302	22,117
38	JR 501	135.2	Johor Bahru - Endau (2.4km north of Mersing town)	10,617	12,157	13,507	13,986	17,332	18,354	17,192	16,688	15,598	14,789
39	JR 503	111.1	Johor Bahru - Kota Tinggi - Jemaluang (500 m south of Jemaluang)	3,643	3,917	4,000	5,970	4,049	4,336	4,246	4,477	4,633	4,929
40	JR 702	60.0	Johor Bahru - Pontian Kecil - Pontian Besar (near Pontian Hospital)	35,982	43,411	13,534	14,191	20,095	13,299	17,789	14,480	14,406	13,338
41	JR 801	199.5	Johor Bahru - Segamat - Batu Anam	10,364	10,464	10,932	10,947	12,282	13,707	14,145	14,648	15,237	17,359
KEDAH													
42	KR 202	20.6	Alor Setar - Changlun	28,551	30,168	33,110	32,409	37,853	35,020	51,314	34,715	30,402	35,907
43	KR 401	70.8	Alor Setar - Sungai Petani - Butterworth	20,567	21,967	21,885	22,259	21,067	20,419	16,123	19,052	24,002	24,415
44	KR 501	29.0	Alor Setar - Sungai Petani	18,769	18,535	18,893	19,452	20,396	25,382	17,586	19,169	19,387	21,579
MELAKA													
45	MR 206	22.9	Melaka - Muar	24,105	24,798	23,144	23,019	24,404	15,027	14,057	15,50	15,679	18,068
46	MR 301	25.0	Melaka - Kendong	18,546	20,678	19,873	16,414	9,971	11,235	11,057	9,986	11,472	12,611
47	MR 313	43.5	Melaka - Lubok Cina	5,828	6,164	6,246	6,068	7,255	9,310	8,179	7,709	7,858	8,892
KUALA LUMPUR													
48	WR 102	12.1	Kuala Lumpur - Ipoh	156,842	164,701	152,455	155,016	150,874	171,266	161,161	214,746	277,797	303,701
49	WR 103	8.1	Kuala Lumpur - Ipoh	-	-	192,095	185,828	206,484	202,018	205,867	194,287	196,796	230,146
50	WR 105	8.1	Kuala Lumpur - Seremban Expressway	213,363	213,158	208,656	226,019	245,799	265,025	229,713	213,522	201,260	211,914

SUMBER : KEMENTERIAN KERJA RAYA
Source : Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2002 – 2011 (S.A.M.B.)
Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2002 - 2011 (Cont'd)

BIL No	STESEN Station	KM	LOKASI Location	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
NEGERI SEMBILAN													
51	NR 304	21.7	Seremban - Port Dickson	31,289	34,421	41,492	41,561	4,709	59,699	68,327	67,092	65,580	50,821
52	NR 403	42.7	Seremban - Tampin	12,848	13,733	13,076	13,191	13,074	13,405	12,990	13,073	12,690	13,822
53	NR 501	20.0	Seremban - Kuala Lumpur	15,145	13,495	12,718	13,410	14,844	15,723	14,329	12,530	36,195	12,739
54	NR 505	9.3	Seremban - Tampin (500 m outside town area)	39,776	40,978	41,027	43,096	39,714	39,540	38,197	33,697	35,708	47,941
PULAU PINANG													
55	PR 116	16.9	Butterworth - Taiping	32,490	35,534	34,280	34,076	50,151	49,833	53,451	56,601	56,349	66,252
56	PR 201	11.1	Georgetown - Teluk Bahang (Jln. Kelliling Pulau)	17,902	19,425	20,717	20,242	22,884	25,931	24,392	24,799	27,334	28,694
57	PR 203	57.2	Georgetown - Bayan Lepas - Gelugor (Jln. Kelliling Pulau)	34,937	36,582	36,122	36,412	41,843	42,223	43,232	47,285	50,776	56,045
PERLIS													
58	RR 105	3.2	Kangar - Alor Setar (Melalui Simpang Empat)	16,098	16,177	17,317	10,056	9,823	21,939	20,769	21,321	21,758	25,557
KUALA TERENGGANU													
59	TR 103	61.5	K. Terengganu - Jerteh - Kota Bharu	12,766	14,434	18,382	18,805	19,007	20,255	23,357	21,313	24,196	28,106
60	TR 202	78.9	K. Terengganu - Dungun - Kemaman	9,404	9,604	13,842	11,688	20,955	26,801	23,463	29,051	28,602	33,038
61	TR 305	48.0	Kuantan - K. Terengganu (Jln. Jabor-Jerangau)	3,671	3,872	4,112	4,033	4,079	5,762	5,363	5,381	5,590	7,208
62	TR 402	17.0	K. Terengganu - Kuantan	20,000	21,602	22,063	11,594	24,524	25,042	24,933	24,852	25,887	30,196
63	TR 502	33.0	K. Terengganu - Kg. Ajil - Jerangau	9,928	13,725	10,830	11,149	12,216	11,448	13,132	14,701	14,695	13,914

SUMBER : KEMENTERIAN KERJA RAYA

Source : Ministry of Works

JADUAL 1.13 : PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2002 – 2011

Table 1.13 : Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2002 - 2011

BIL No	STESEN Station	KM	LOKASI Location	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
SABAH													
1	HR 101	4.8	Beaufort - Sindumin	3,856	4,077	4,902	5,805	7,042	12,391	7,454	4,811	4,924	6,562
2	HR 104	9.0	Tenom - Toman - Bekuku Highway	3,081	2,501	2,796	2,662	4,196	4,594	4,566	4,566	4,294	4,868
3	HR 201	22.5	Kota Kinabalu - Papar	2,800	3,029	3,124	3,416	3,541	5,246	6,453	7,968	9,370	12,970
4	HR 202	8.1	Donggongan - Tambunan	3,189	3,836	4,123	4,326	4,751	4,607	3,578	3,701	3,835	4,269
5	HR 204	69.0	Kota Kinabalu - Kudat (100mm From Longtigi Junction)	4,831	6,038	4,665	4,738	7,913	11,703	9,855	9,450	11,189	12,252
6	HR 501	31.4	Tawau - Semporna	15,104	16,981	19,330	12,948	10,938	21,450	16,850	9,407	6,977	11,039
7	HR 504	14.5	Sg. Segama Crossing	4,586	5,472	6,445	3,339	7,140	7,732	6,987	6,781	8,294	9,560
8	HR 506	68.0	20km from Semporna towards Tawau	2,321	2,771	3,464	6,795	1,670	3,679	2,585	2,663	2,711	3,381
9	HR 507	82.0	Tawau - Sandakan (Near Kunak Junction)	4,353	4,640	4,858	6,831	7,820	8,315	7,168	8,600	11,141	12,796
SARAWAK													
10	SR 101	16.1	Bau - Semantan	1,911	2,337	3,293	3,466	2,457	2,838	3,188	3,143	3,091	3,854
11	SR 103	27.4	Kucing - Serian	16,752	23,100	27,839	26,599	22,781	21,696	22,225	24,564	30,616	34,223
12	SR 401	20.0	Bintulu - Sibul	4,006	4,923	7,197	5,952	6,779	6,986	7,250	9,808	10,957	15,972
13	SR 402	29.0	Bintulu - Miri	2,714	3,426	4,903	5,702	4,828	5,357	5,924	7,880	8,507	4,596
14	SR 403	6.2	Miri - Bintulu (before junction to Airport)	25,442	23,612	24,487	18,046	10,345	9,138	9,984	11,060	10,506	13,432
15	SR 503	1.6	Limbang - Brunei Border (Sg.Padaruan)	20,510	20,944	21,535	18,016	16,317	14,301	16,319	14,141	19,032	14,871
16	SR 504	1.6	Lawas - Trusan	4,028	3,898	4,379	4,399	3,935	5,344	4,519	5,139	3,653	7,351

SUMBER : KEMENTERIAN KERJA RAYA
Source : Ministry of Works

JADUAL 1.14 : KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2011
Table 1.14 : Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2011

BIL No	STESEN Station	LOKASI Location	JENIS KENDERAAN / Type of Vehicle						
			16 JAM TRAFIK 16 Hours Traffic	KERETA / TEKSI Car / Taxi	LORI KECIL Light Lorry	LORI SEDERHANA Medium Lorry	LORI BESAR Heavy Lorry	BAS Bus	MOTOSIKAL Motorcycle
SEMANJANG MALAYSIA <i>Peninsular Malaysia</i>									
1	JR 204	Johor Bahru - Kulai	107,591	71.4	4.6	5.6	3.1	2.2	13.2
2	JR 501	Johor Bahru - Endau	13,445	44.5	10.2	6.4	4.5	1.2	33.3
3	NR 501	Seremban - Kuala Lumpur	11,581	56.5	8.0	12.9	4.5	1.4	16.7
4	PR 115	Butterworth - Taiping	39,617	56.2	6.3	7.0	2.6	0.7	27.4
5	AR 301	Ipoh - Kampar	30,311	58.6	7.1	9.8	6.2	2.0	16.4
6	KR 501	Alor Setar - Sungai Petani	19,618	54.3	6.7	7.4	5.7	0.8	25.2
7	CR 805	Kuantan - Maran	7,317	58.4	11.4	8.5	7.9	1.0	13.0
8	CR 902	Persimpangan Bukit Iban - Rompin Di Lebuhraya Kuantan - Segamat	8,427	54.1	14.6	9.1	10.8	1.2	10.3
9	TR 402	Kuala Terengganu - Kuantan	27,451	66.4	6.5	3.7	1.4	1.2	21.0
10	DR 802	Kota Bharu - Kuala Krai	22,308	58.9	16.8	7.5	3.3	1.1	12.5
SABAH									
11	HR 201	Kota Kinabalu - Papar	11,791	63.1	19.77.8	7.8	3.6	0.9	5.1
12	HR 501	Tawau - Semporna	10,035	34.4	34.4	16.2	8.7	1.3	5.5
SARAWAK									
13	SR 103	Kuching - Serian	31,112	54.3	11.0	11.0	5.9	1.8	16.1
14	SR 402	Bintulu - Miri	4,178	35.5	21.9	18.5	18.2	3.1	2.9

SUMBER : KEMENTERIAN KERJA RAYA
 Source : Ministry of Works

JADUAL 1.15 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2002 – 2011

Table 1.15 : Total Road Accidents by States, Malaysia, 2002 - 2011

NEGERI STATE	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
JOHOR	34,275	36,445	41,854	42,606	43,757	46,584	48,667	51,747	55,381	59,501
KEDAH	12,423	12,456	14,196	14,484	15,505	16,172	16,520	17,701	17,966	19,699
KELANTAN	6,166	6,882	7,253	7,126	7,337	8,116	8,842	9,549	9,707	9,603
MELAKA	9,462	10,122	11,020	10,321	10,707	11,720	12,105	13,275	14,110	14,720
NEGERI SEMBILAN	13,410	13,868	14,505	14,461	15,197	16,079	17,362	18,369	19,407	21,157
PAHANG	10,722	12,303	13,349	13,381	13,242	13,982	15,548	17,068	17,315	19,001
PERAK	25,245	25,948	27,542	27,225	27,432	29,203	30,539	32,327	32,072	33,506
PERLIS	992	1,101	1,073	1,037	1,160	1,364	1,417	1,633	1,548	1,791
PULAU PINANG	26,419	27,817	31,008	30,934	32,573	33,881	34,049	33,719	34,306	37,158
SABAH	10,244	11,071	12,018	12,760	13,550	14,256	14,588	15,798	16,192	16,585
SARAWAK	11,501	12,483	13,865	14,209	14,808	15,196	15,488	16,655	17,253	17,964
SELANGOR	73,604	80,074	87,891	87,705	90,632	99,157	100,380	107,429	115,565	128,876
TERENGGANU	5,851	6,589	7,003	7,078	7,098	8,155	8,814	10,118	10,106	10,684
WILAYAH PERSEKUTUAN	39,397	41,492	44,240	45,000	46,254	49,454	48,671	51,942	53,493	58,795
JUMLAH Total	279,711	298,651	326,817	328,327	339,252	363,319	372,990	397,330	414,421	449,040

SUMBER : POLIS DIRAJA MALAYSIA

Source : Royal Malaysian Police

JADUAL 1.16 : JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT JENIS KENDERAAN, MALAYSIA, 2002– 2011

Table 1.16 : Total Motor Vehicles Involved in Road Accidents by Type of Vehicle, Malaysia, 2002 - 2011

TAHUN Year	MOTOSIKAL Motorcycle	MOTOKAR Motocar	VAN	BAS Bus	LORI Lorry	PEMACU 4 RODA Four Wheel Drive	TEKSI Taxi	BASIKAL Bicycle	LAIN - LAIN Others	JUMLAH Total
2002	86,779	320,649	19,077	9,256	37,794	14,783	6,187	3,278	10,043	507,846
2003	95,545	351,832	20,277	9,673	42,753	16,429	6,632	2,993	9,500	555,634
2004	99,227	388,589	20,086	9,265	45,420	18,306	7,111	2,963	11,186	602,153
2005	97,072	376,061	19,085	8,594	42,062	19,106	7,043	2,751	9,362	581,136
2006	104,107	411,444	20,428	9,700	44,767	20,885	7,751	2,834	12,266	634,182
2007	111,765	426,941	21,109	10,285	47,696	21,823	8,809	2,690	14,909	666,027
2008	111,819	435,665	20,392	9,356	48,250	22,793	8,769	2,463	11,571	671,078
2009	113,962	472,307	19,220	9,380	46,724	23,581	8,669	2,486	9,294	705,623
2010	120,156	511,861	18,788	9,580	50,438	25,777	9,899	2,178	11,756	760,433
2011	129,017	546,702	17,916	9,986	53,078	30,828	11,197	2,033	16,394	817,151

SUMBER : POLIS DIRAJA MALAYSIA
 Source : Royal Malaysian Police

JADUAL 1.17 : JUMLAH KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT TAHUN DAN NEGERI, MALAYSIA, 2002 – 2011

Table 1.17 : Total Deaths Caused by Road Accidents by Year and States, Malaysia, 2002 - 2011

NEGERI STATE	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
JOHOR	988	983	1,014	1,022	1,017	1,023	1,065	1,060	1,076	1,073
KEDAH	495	534	474	482	494	492	496	550	532	515
KELANTAN	302	314	279	292	331	374	380	453	380	392
MELAKA	222	228	259	227	232	227	243	248	235	240
NEGERI SEMBILAN	325	337	323	351	337	320	389	377	399	374
PAHANG	457	438	445	448	451	437	446	512	574	563
PERAK	711	739	798	713	726	811	829	829	820	811
PERLIS	53	54	34	63	63	41	69	90	66	79
PULAU PINANG	363	389	403	371	381	376	354	395	370	392
SABAH	251	310	300	319	296	316	325	345	447	398
SARAWAK	264	290	294	346	347	316	318	332	365	442
SELANGOR	954	1,083	1,050	1,064	1,050	1,025	1,083	976	1,061	1,070
TERENGGANU	256	311	301	271	307	290	293	348	314	292
WILAYAH PERSEKUTUAN	246	273	249	231	255	234	237	230	233	236
JUMLAH Total	5,887	6,283	6,223	6,200	6,287	6,282	6,527	6,745	6,872	6,877

SUMBER : POLIS DIRAJA MALAYSIA
Source : Royal Malaysian Police

**JADUAL 1.18 : JUMLAH KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA,
MALAYSIA, 2002 – 2011**

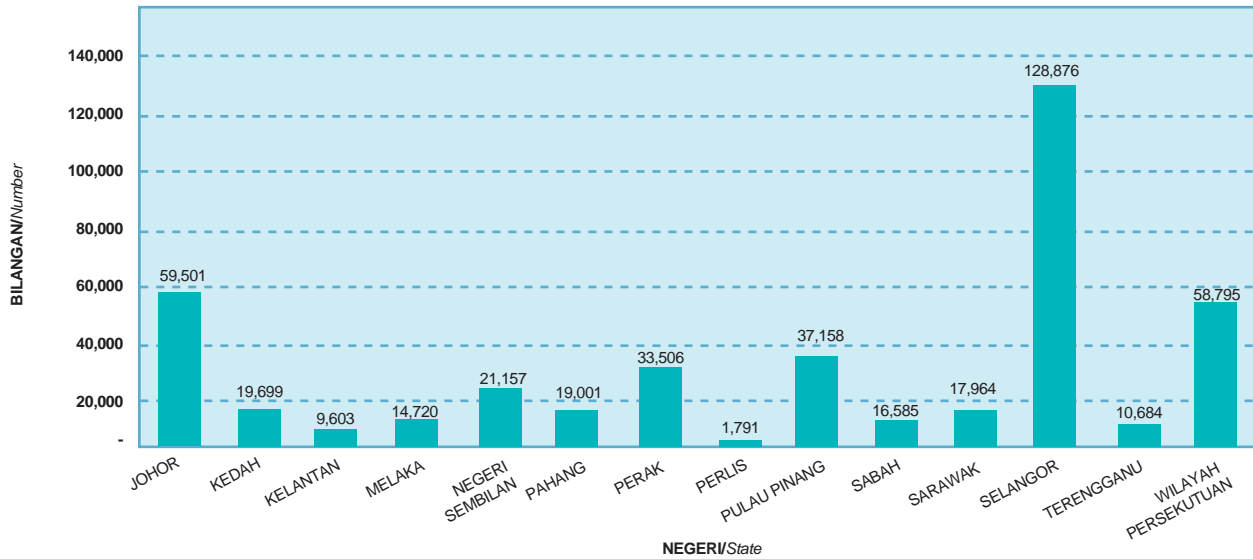
Table 1.18 : Total Casualties and Damages Caused by Road Accidents, Malaysia, 2002 - 2011

TAHUN Year	JUMLAH KEMALANGAN Total Number of Accidents	KECEDERAAN DAN KEMATIAN / Casualties			JUMLAH Total
		MATI Death	PARAH Serious	RINGAN Minor	
2002	279,237	5,891	8,425	35,236	49,552
2003	298,653	6,286	9,040	37,415	52,741
2004	326,817	6,228	9,229	38,631	54,088
2005	328,264	6,200	9,397	31,429	47,026
2006	339,252	6,287	9,254	19,884	35,425
2007	363,319	6,282	9,273	18,444	33,999
2008	372,990	6,527	8,866	16,901	32,294
2009	397,330	6,745	8,849	15,823	31,417
2010	414,421	6,872	7,781	13,616	28,269
2011	449,040	6,877	6,328	12,365	25,570

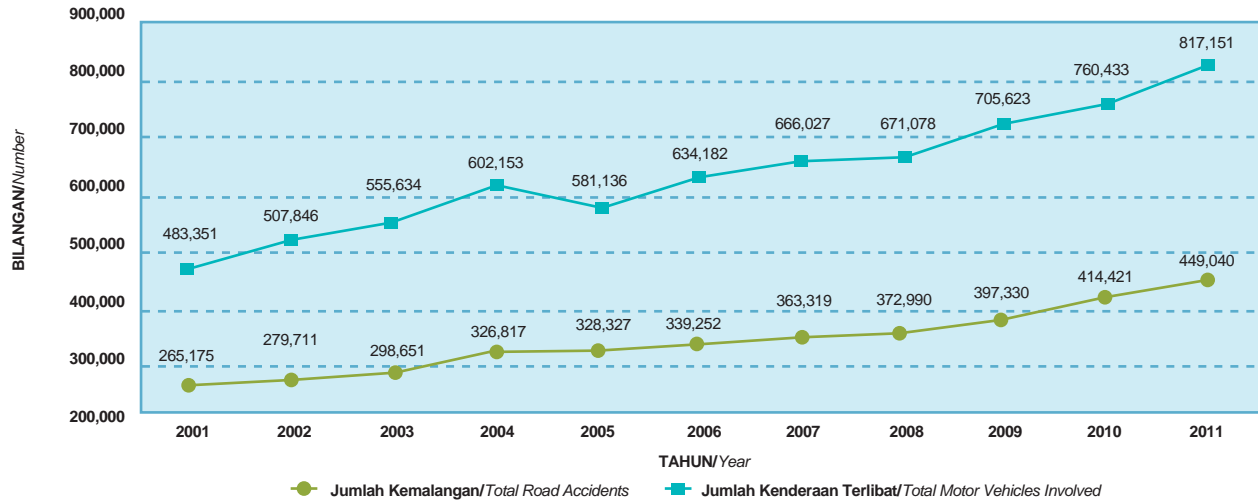
SUMBER : POLIS DIRAJA MALAYSIA
Source : Royal Malaysian Police

CARTA 1.5 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2011

Chart 1.5 : Total Road Accidents by States, Malaysia, 2011

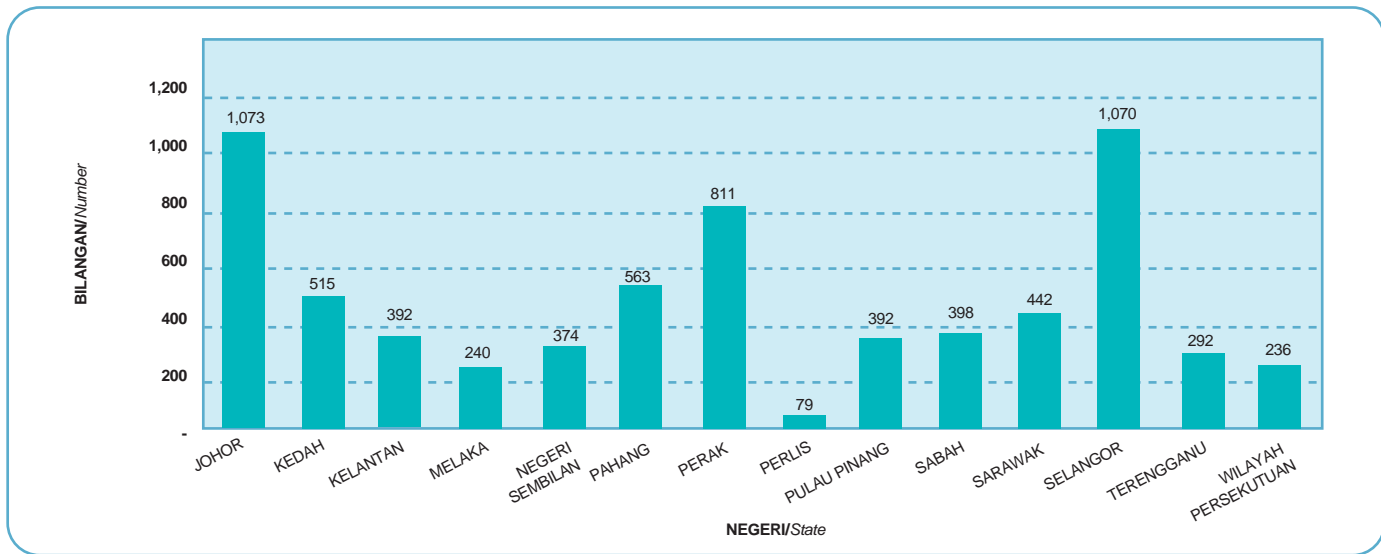


CARTA 1.6 : JUMLAH KEMALANGAN JALAN RAYA DAN KENDERAAN TERLIBAT, MALAYSIA, 2001 - 2011
Chart 1.6 : Total Road Accidents and Motor Vehicles Involved, Malaysia, 2001-2011



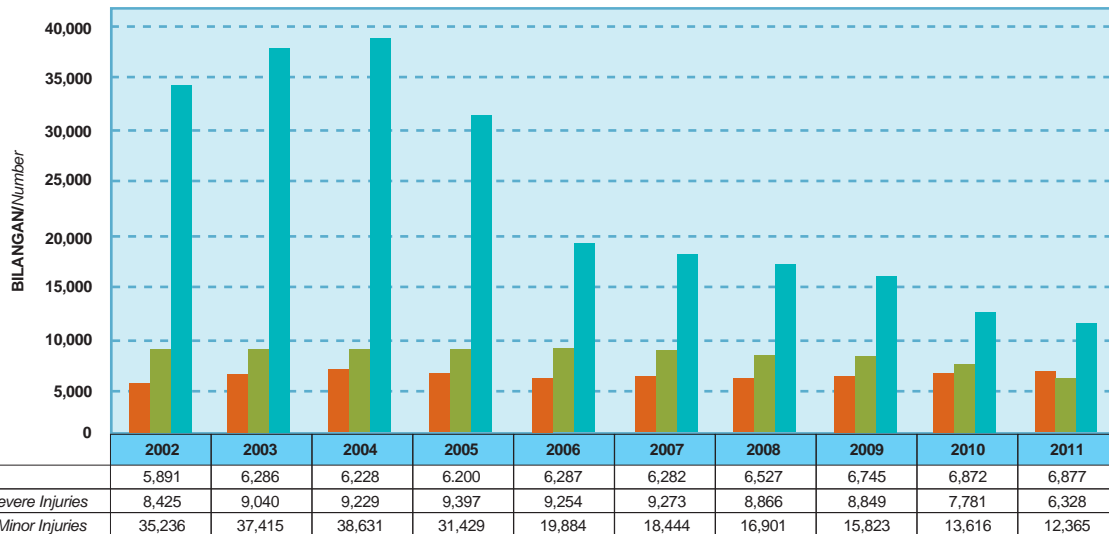
CARTA 1.7 : KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2011

Chart 1.7 : Deaths Caused by Road Accidents by States, Malaysia, 2011



CARTA 1.8 : KECEDERAAN DAN KEMATIAN DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2002 - 2011

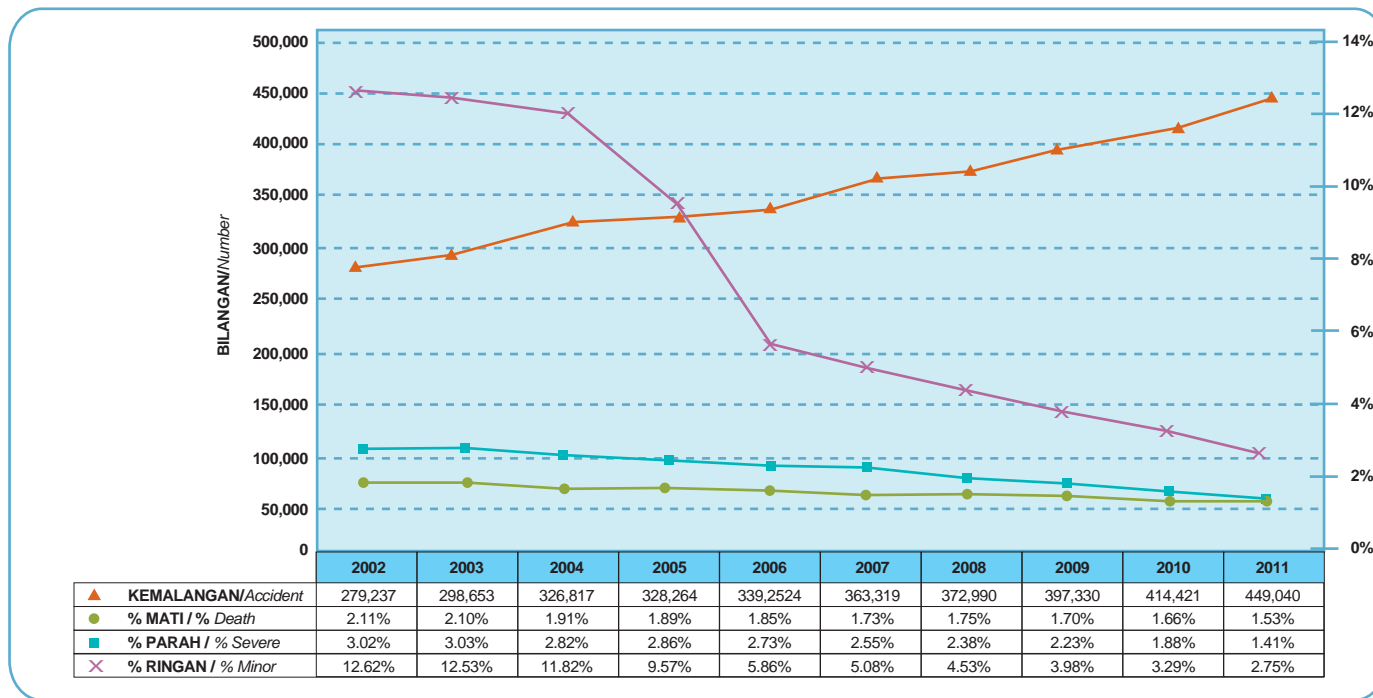
Chart 1.8 : Casualties and Deaths Caused by Road Accidents, Malaysia, 2002 - 2011





CARTA 1.9 : KEMALANGAN, PERATUS KECEDEeraan DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2002 -2011

Chart 1.9 : Total Accidents, Percentage of Casualties and Deaths Caused by Road Accidents, Malaysia, 2002 - 2011





Kementerian Pengangkutan Malaysia
Ministry of Transport Malaysia



Pengangkutan Darat
Land Transport

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JADUAL 2.1 : STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2002 – 2011

Table 2.1 : Keretapi Tanah Melayu Berhad (KTMB) Traffic Statistics, 2002 - 2011

TAHUN Year	PERKHIDMATAN KERETAPI <i>Rail Services</i>					KTM KOMUTER <i>KTM Commuter</i>		ETS		
	PENUMPANG <i>Passenger</i>		BARANGAN <i>Freight</i>		KONTENA <i>Container</i>	PENUMPANG <i>Passenger</i>		PENUMPANG <i>Passenger</i>		
	BIL No (' 000)	KM PENUMPANG <i>Passenger Km</i> (' 000,000)	TONNE Tonnes (' 000)	TONNE KM <i>Tonnes Km</i> (' 000,000)	TEU <i>Teus</i>	BIL No (' 000)	RINGGIT MALAYSIA <i>Malaysia Ringgit</i> (RM)	BIL No (' 000)	KM PENUMPANG <i>Passenger Km</i> (' 000,000)	RINGGIT MALAYSIA <i>Malaysia Ringgit</i> (RM)
2002	3,437	1,123	3,741	1,107	262,478	22,084	49,710,637	*	*	*
2003	3,362	1,018	4,608	886	272,864	24,645	59,069,351	*	*	*
2004	3,628	1,139	4,962	1,032	302,736	27,380	66,131,060	*	*	*
2005	3,675	1,181	4,031	1,178	310,011	30,935	73,804,146	*	*	*
2006	3,794	1,237	4,440	1,402	339,037	34,975	84,656,211	*	*	*
2007	3,714	1,309	4,670	1,355	333,688	36,959	89,199,445	*	*	*
2008	3,971	1,468	4,824	1,350	203,939	36,557	88,621,721	*	*	*
2009	4,267	1,522	5,230	1,384	266,722	34,683	83,145,452	*	*	*
2010	4,216	1,529	5,431	1,483	238,251	34,995	82,631,250	215	53	5,569,532
2011	3,686	1,426	5,914	1,535	282,352	35,510	82,860,126	913	226	24,313,451

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

JADUAL 2.2 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2002 - 2011
Table 2.2 : Number of Passengers and Passenger Kilometres by Classes, 2002 - 2011

TAHUN Year	BILANGAN PENUMPANG Number of Passengers (*000)				KILOMETER PENUMPANG Passenger Kilometres (*000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total
2002	88.0	1,468.0	1,881.0	3,437.0	38.8	609.7	474.6	1,123.1
2003	65.0	1,332.0	1,966.0	3,363.0	29.1	530.0	459.3	1,018.4
2004	88.0	1,535.0	2,005.0	3,628.0	40.8	610.7	487.5	1,139.0
2005	92.7	1,482.0	2,101.0	3,675.7	44.2	616.1	521.1	1,181.4
2006	88.0	1,420.0	2,286.0	3,794.0	41.6	616.5	579.0	1,237.1
2007	98.0	1,444.0	2,172.0	3,714.0	47.0	652.0	611.0	1,310.0
2008	123.0	1,690.0	2,161.0	3,974.0	57.0	756.0	655.0	1,468.0
2009	114.0	2,014.0	2,139.0	4,267.0	50.0	829.0	642.0	1,521.0
2010	121.5	2,224.4	1,870.6	4,216.5	51.3	955.0	522.6	1,528.9
2011	134.0	2,199.6	1,351.6	3,685.2	59.8	1,010.6	355.3	1,425.6

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

JADUAL 2.3 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2002 - 2011

Table 2.3 : Number of Passengers and Passenger Kilometres for Express Services, 2002 - 2011

TAHUN Year	EKSPRES / Express RAKYAT								EKSPRES / Express SINARAN							
	BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger Kilometres ('000,000)				BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger Kilometres ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	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
2002	29.0	236.0	-	265.0	13.0	97.0	-	110.0	23.0	165.0	-	188.0	9.1	70.0	-	79.1
2003	24.0	208.0	-	232.0	10.3	84.6	-	94.9	5.0	45.0	-	50.0	2.0	18.1	-	20.1
2004	29.0	241.0	-	270.0	13.5	99.7	-	113.2	20.0	141.0	-	161.0	8.1	57.9	-	66.0
2005	27.0	233.0	-	260.0	12.5	95.6	-	108.1	27.0	172.0	7.0	206.0	10.4	67.8	3.6	81.8
2006	27.5	230.5	-	258.0	12.1	92.4	-	104.5	26.1	180.3	3.4	209.8	9.9	69.0	1.7	80.6
2007	30.0	228.0	-	258.0	9.0	52.0	-	61.0	29.0	205.0	13.0	247.0	6.0	42.0	2.0	50.0
2008	51.0	322.0	-	373.0	22.0	136.0	-	158.0	34.0	212.0	22.0	268.0	12.0	84.0	8.0	104.0
2009	47.0	320.0	-	367.0	19.0	131.0	-	150.0	29.0	234.0	31.0	294.0	10.0	83.0	10.0	103.0
2010	46.0	335.0	-	381.0	14.0	134.0	-	148.0	26.0	208.0	1.0	235.0	9.4	75.0	0.4	84.8
2011	43.0	349.0	-	392.0	17.3	146.0	-	163.3	35.8	332.9	-	368.7	13.2	123.7	-	136.9

TAHUN Year	EKSPRES / Express LANGKAWI								EKSPRES / Express WAU							
	BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger Kilometres ('000,000)				BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger Kilometres ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	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
2002	11.0	231.0	214.0	456.0	3.7	79.3	60.4	143.4	7.0	101.0	318.0	426.0	2.7	58.5	168.5	229.7
2003	10.0	232.0	232.0	474.0	3.4	74.5	62.9	140.8	6.0	108.0	297.0	411.0	2.3	61.5	153.9	217.7
2004	12.0	237.0	269.0	518.0	4.1	77.4	75.4	156.9	8.0	129.0	301.0	438.0	3.3	69.2	159.7	232.2
2005	13.0	182.0	312.0	507.0	6.0	78.0	96.2	180.2	9.0	138.0	301.0	448.0	4.1	74.6	157.7	236.4
2006	10.8	178.4	378.6	567.8	5.0	81.2	123.0	209.2	7.6	140.3	313.9	461.8	3.6	74.2	164.8	242.6
2007	11.0	184.0	387.0	582.0	3.0	47.0	62.0	112.0	7.0	149.0	299.0	455.0	2.0	43.0	92.0	137.0
2008	12.0	208.0	407.0	627.0	6.0	98.0	136.0	240.0	11.0	165.0	307.0	483.0	5.0	89.0	166.0	260.0
2009	11.0	209.0	387.0	607.0	4.0	116.0	137.0	257.0	12.0	169.0	280.0	461.0	7.0	94.0	160.0	261.0
2010	9.1	204.0	264.0	477.1	5.4	105.0	101.0	211.4	10.4	183.0	249.0	442.4	9.1	106.0	136.6	251.7
2011	9.7	211.1	167.3	388.1	4.9	112.0	64.8	181.7	8.7	203.4	210.1	422.2	5.5	120.1	117.8	243.4

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

JADUAL 2.3 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2002 - 2011 (SAMB.)

Table 2.3 : Number of Passengers and Passenger Kilometres for Express Services, 2002 - 2011 (Cont'd)

TAHUN Year	EKSPRES / Express SENANDUNG MALAM								EKSPRES / Express TIMURAN							
	BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger Kilometres ('000,000)				BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger Kilometres ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	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
2002	11.0	231.0	214.0	456.0	3.7	79.3	60.4	143.4	7.0	101.0	318.0	426.0	2.70	58.5	168.5	229.7
2003	10.0	232.0	232.0	474.0	3.4	74.5	62.9	140.8	6.0	108.0	297.0	411.0	2.30	61.5	153.9	217.7
2004	12.0	237.0	269.0	518.0	4.1	77.4	75.4	156.9	8.0	129.0	301.0	438.0	3.30	69.2	159.7	232.2
2005	13.0	182.0	312.0	507.0	6.0	78.0	96.2	180.2	9.0	138.0	301.0	448.0	4.10	74.6	157.7	236.4
2006	10.8	178.4	378.6	567.8	5.0	81.2	123.0	209.2	7.6	140.3	313.9	461.8	3.60	74.2	164.8	242.6
2007	11.0	184.0	387.0	582.0	3.0	47.0	62.0	112.0	7.0	149.0	299.0	455.0	2.00	43.0	92.0	137.0
2008	12.0	208.0	407.0	627.0	6.0	98.0	136.0	240.0	11.0	165.0	307.0	483.0	5.00	89.0	166.0	260.0
2009	6.0	247.2	0.5	253.7	6.0	116.1	0.2	122.3	-	281.0	263.0	544.0	-	144.0	130.0	274.0
2010	8.4	307.0	1.0	316.4	6.6	155.0	0.8	162.4	-	288.0	215.0	503.0	-	156.0	100.0	256.0
2011	16.7	246.3	-	263.0	9.7	136.9	-	146.6	3.9	293.4	116.8	414.1	2.80	162.8	62.3	227.9

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.4 : TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2002 – 2011

Table 2.4 : Freight Traffic by Type of Cargo, 2002 - 2011

JENIS KARGO/Type of Cargo	(' 000)	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
SIMEN & KLINKER	Tonne	1,061	856	942	1,026	1,220	1,355	4,654	1,704	1,814	2,224
<i>Cement & Clinker</i>	t km	330,382	238,840	227,924	293,139	308,121	356,299	390,869	531,335	605,926	732,170
KONTENA PERKAPALAN	Tonne	1,658	2,749	2,887	1,876	2,074	2,222	2,272	2,603	2,588	2,702
<i>Maritime Container</i>	t km	419,098	284,612	343,462	394,193	597,355	507,900	490,127	455,843	408,893	383,866
LANDBRIDGE	Tonne	-	-	216	184	164	122	105	55	39	26
<i>Landbridge</i>	t km	-	-	54,689	114,199	22,516	56,701	72,286	15,710	17,189	22,954
PETROL & MINYAK GALIAN	Tonne	218	127	72	57	62	75	45	-	-	-
<i>Petrol & Mineral Oil</i>	t km	62,547	41,198	22,894	17,763	19,714	23,964	13,935	-	-	-
MAKANAN & MINUMAN PROSES	Tonne	249	242	288	358	363	421	433	476	487	459
<i>Processed Food & Drink</i>	t km	188,931	206,111	214,539	267,898	278,419	323,857	315,429	319,811	308,923	221,428
BERAS, PADI & BRAN	Tonne	-	-	-	-	-	-	-	-	-	-
<i>Rice, Paddy & Bran</i>	t km	-	-	-	-	-	-	-	-	-	-
GETAH	Tonne	-	1	-	-	-	-	-	-	-	-
<i>Rubber</i>	t km	267	17	22	-	-	-	-	-	-	-
GETAH CECAIR	Tonne	-	-	-	-	-	-	-	-	-	-
<i>Latex</i>	t km	108	28	12	1	1	-	-	-	-	-
KAYU BALAK	Tonne	2	-	-	-	-	-	-	-	-	-
<i>Logs</i>	t km	420	-	-	-	-	-	-	-	-	-
KAYU GERGAJI	Tonne	-	-	-	-	-	-	-	-	-	-
<i>Swan Timber</i>	t km	-	-	-	-	-	-	-	-	-	-
BAJIH & LAIN-LAIN GALIAN	Tonne	-	80	90	58	21	10	11	6	2	0
<i>Ore & Other Minerals</i>	t km	-	22,961	21,929	12,654	1,133	182	1,573	102	38	2
KIMIA	Tonne	378	375	346	309	370	386	347	259	298	287
<i>Chemicals</i>	t km	25,343	23,433	20,986	20,682	22,602	23,611	21,935	18,390	22,422	19,770
MINYAK MAKAN	Tonne	-	-	-	-	-	-	-	-	-	-
<i>Edible Oil</i>	t km	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN	Tonne	237	178	121	204	174	166	138	130	204	216
<i>Others</i>	t km	79,575	69,152	60,618	57,082	68,107	62,723	44,244	42,916	119,294	155,284
JUMLAH	Tonne	3,803	4,608	4,962	4,072	4,448	4,757	8,005	5,233	5,432	5,915
Total	t km	1,106,671	886,352	967,075	1,177,611	1,317,968	1,355,237	1,350,398	1,384,107	1,482,685	1,535,474

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

JADUAL 2.5 : JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 2002 – 2011
Table 2.5 : Goods Revenue by Type of Cargo, 2002 - 2011

JENIS KARGO/ <i>Type of Cargo</i>	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
SIMEN & KLINKER <i>Cement & Clinker</i>	19,698	15,475	17,350	19,345	20,857	24,345	26,200	29,350	32,421	41,627
KONTENA PERKAPALAN <i>Maritime Container</i>	57,561	60,548	32,979	35,526	40,216	46,520	43,871	47,583	47,217	48,132
LANDBRIDGE <i>Landbridge</i>	-	-	33,773	30,022	29,846	25,846	20,500	13,644	8,054	5,610
PETROL & MINYAK GALIAN <i>Petrol & Mineral Oil</i>	5,050	3,258	1,738	1,992	2,253	2,866	1,710	-	-	-
MAKANAN & MINUMAN PROSES <i>Processed Food & Drink</i>	6,824	7,085	7,787	9,196	9,583	11,770	11,706	12,047	12,436	12,232
BERAS, PADI & BRAN <i>Rice, Paddy & Bran</i>	-	-	-	-	-	-	-	-	-	-
GETAH <i>Rubber</i>	-	204	1	-	-	-	-	-	-	-
GETAH CECAIR <i>Latex</i>	-	16	4	-	-	-	-	-	-	-
KAYU BALAK <i>Logs</i>	34	-	-	-	27	-	-	-	-	-
KAYU GERGAJI <i>Swan Timber</i>	1	-	-	-	41	-	-	-	-	-
BIJIH & LAIN-LAIN GALIAN <i>Ore & Other Minerals</i>	2,176	1,736	2,377	905	211	98	99	72	23	1
KIMIA <i>Chemicals</i>	3,692	3,640	3,587	3,431	3,804	5,139	4,592	3,064	3,653	3,460
MINYAK MAKAN <i>Edible Oil</i>	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN <i>Others</i>	4,129	8,413	8,294	7,199	6,579	5,188	6,418	9,763	12,291	13,625
JUMLAH/Total	99,165	100,375	107,890	107,616	113,417	121,772	115,096	115,523	116,095	124,687

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.6 : DAFTAR LOKOMOTIF, 2002 – 2011

Table 2.6 : Locomotive Inventory, 2002 - 2011

TAHUN Year	LALUAN UTAMA Mainline								TREN SET ELEKTRIK Electric Train Set				ENJIN LANGSIR Shunting			
	HIDRAULIK KELAS 21 Class 21 Hydraulic	KELAS 22 Class 22	KELAS 23 Class 23	KELAS 24 Class 24	KELAS 25 Class 25	KELAS 26 Class 26	KELAS 29 Class 29	JUMLAH Total	RELKAR (RELBAS) Rail- Car (Rail-Bus)	SET EMU EMU Sets	SET ETS ETS Sets	JUMLAH Total	LETRIK KELAS 15 Class 15 Electric	HIDRAULIK KELAS 16/17 Class 16/17 Hydraulic	LETRIK KELAS 18 Class 18 Electric	LETRIK KELAS 19 Class 19 Electric
2002	-	11.0	15.0	26.0	17.0	-	-	69	-	60.0	-	60	-	-	8.0	10.0
2003	-	10.0	15.0	26.0	17.0	12.0	-	80	-	60.0	-	60	-	-	8.0	10.0
2004	-	10.0	15.0	26.0	17.0	20.0	-	88	-	58.0	-	58	-	-	8.0	10.0
2005	-	10.0	15.0	26.0	17.0	20.0	-	88	-	58.0	-	58	-	-	-	10.0
2006	-	5.0	11.0	20.0	17.0	20.0	-	73	-	53.0	-	53	-	-	-	10.0
2007	-	5.0	11.0	26.0	17.0	20.0	-	79	-	58.0	-	58	-	-	-	10.0
2008	-	5.0	11.0	21.0	17.0	20.0	-	74	-	54.0	-	54	-	-	-	10.0
2009	-	4.0	11.0	18.0	17.0	20.0	20.0	90	-	58.0	-	58	-	-	-	10.0
2010	-	-	7.0	18.0	17.0	20.0	20.0	82	-	58.0	-	58	-	-	-	10.0
2011	-	-	7.0	18.0	17.0	20.0	20.0	82	-	67.0	5.0	72	-	-	-	10.0

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

JADUAL 2.7 : DAFTAR KOC PENUMPANG, 2002 – 2011
Table 2.7 : Passenger Coaches Inventory, 2002 - 2011

TAHUN Year	PERJALANAN SIANG Day Travel				PERJALANAN MALAM/SIANG Night/Day Travel				LAIN-LAIN Others				JUMLAH Total			
	BILANGAN KOC Number of Coaches	JUMLAH TEMPAT DUDUK Number of Seats			BILANGAN KOC Number of Coaches	JUMLAH TEMPAT DUDUK Number of Seats			BILANGAN KOC Number of Coaches	JUMLAH TEMPAT DUDUK Number of Seats			BILANGAN KOC Number of Coaches	JUMLAH TEMPAT DUDUK Number of Seats		
		KELAS Class I	KELAS Class II	KELAS Class III		KELAS Class I	KELAS Class II	KELAS Class III		KELAS Class I	KELAS Class II	KELAS Class III		KELAS Class I	KELAS Class II	KELAS Class III
2002	153	360	3,848	4,930	54	200	1,600	-	-	-	-	-	207	560	5,448	4,930
2003	73	324	2,184	1,460	117	200	2,848	2,886	-	-	-	-	190	524	5,032	4,346
2004	70	324	1,664	1,400	120	188	3,056	2,886	-	-	-	-	190	512	4,720	4,286
2005	70	324	2,288	1,258	124	200	2,640	3,700	-	-	-	-	194	524	4,928	4,958
2006	70	324	2,288	1,258	124	200	2,640	3,700	-	-	-	-	194	524	4,928	4,958
2007	40	288	1,456	296	96	112	2,768	2,220	-	-	-	-	136	400	4,224	2,516
2008	135	360	3,224	4,440	125	88	1,480	-	37	6	-	300	297	454	4,704	4,740
2009	111	360	4,320	2,146	51	184	1,480	-	12	-	200	76	174	544	6,000	2,222
2010	101	280	3,689	1,752	45	131	1,446	-	14	-	172	-	160	411	5,307	1,752
2010	101	280	3,689	1,752	45	131	1,446	-	14	-	172	-	160	411	5,307	1,752

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

JADUAL 2.8 : DAFTAR GERABAK BARANG, 2002 – 2011

Table 2.8 : Freight Wagon Inventory, 2002 - 2011

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				
2002	299	2	236	303	-	-	12	1,813	4	1,063	3,732
2003	299	2	254	298	-	14	12	1,800	4	863	3,546
2004	316	32	209	251	-	5	12	1,892	4	788	3,509
2005	263	2	242	245	-	3	12	1,937	4	999	3,707
2006	263	2	242	150	-	3	12	1,691	4	1,340	3,707
2007	243	2	231	107	-	2	12	1,765	3	1,231	3,596
2008	244	2	234	116	-	2	12	1,901	3	1,097	3,611
2009	110	1	211	99	-	1	-	1,913	2	936	3,273
2010	85	-	173	95	-	1	-	1,882	-	925	3,161
2011	70	-	170	84	-	1	-	1,879	-	932	3,136

SUMBER : KERETAPI TANAH MELAYU BERHAD (KTMB)

Source : Keretapi Tanah Melayu Berhad (KTMB)

JADUAL 2.9 : BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2002 – 2011
Table 2.9 : Number of Passengers for Light Rail Transit (LRT) Services, 2002 - 2011

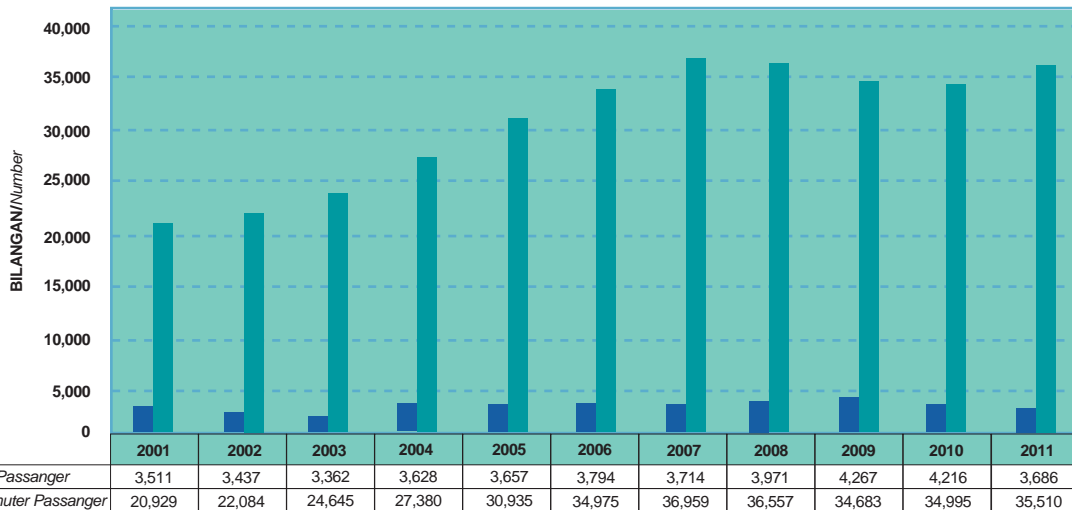
JENIS PERKHIDMATAN <i>Type of Services</i>	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
LALUAN KELANA JAYA	54,423,246	50,254,365	57,729,971	60,290,467	56,747,136	56,965,258	58,168,337	55,580,190	58,037,633	68,398,561
LALUAN AMPANG	33,471,344	41,159,817	43,535,471	45,636,997	49,727,909	52,434,883	51,009,480	49,375,077	51,572,177	53,568,672
KL MONORAIL	*	3,220,297	12,201,518	16,206,441	19,322,170	22,197,169	21,765,233	21,021,390	22,108,308	24,200,299
KLIA EKSPRES	1,048,209	1,700,757	1,911,091	2,075,105	1,839,226	1,780,384	1,578,706	1,419,827	1,508,734	1,581,476
KLIA TRANSIT	191,449	972,607	1,742,469	2,331,741	2,369,864	2,449,842	2,508,884	2,441,736	2,626,119	3,238,389

Nota/Note: * Perkhidmatan belum dijalankan
Service not yet rendered.

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

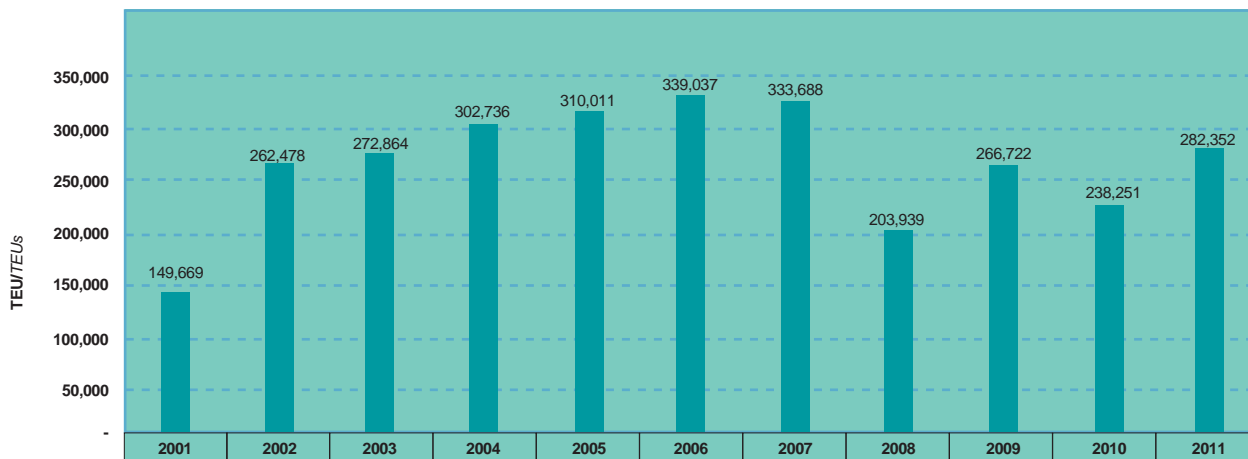
CARTA 2.1 : BILANGAN PENUMPANG KTMB DAN KTM KOMUTER BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD, 2001-2011

Chart 2.1 : Number of KTMB and Commuter Passengers for Keretapi Tanah Melayu Berhad, 2001-2011

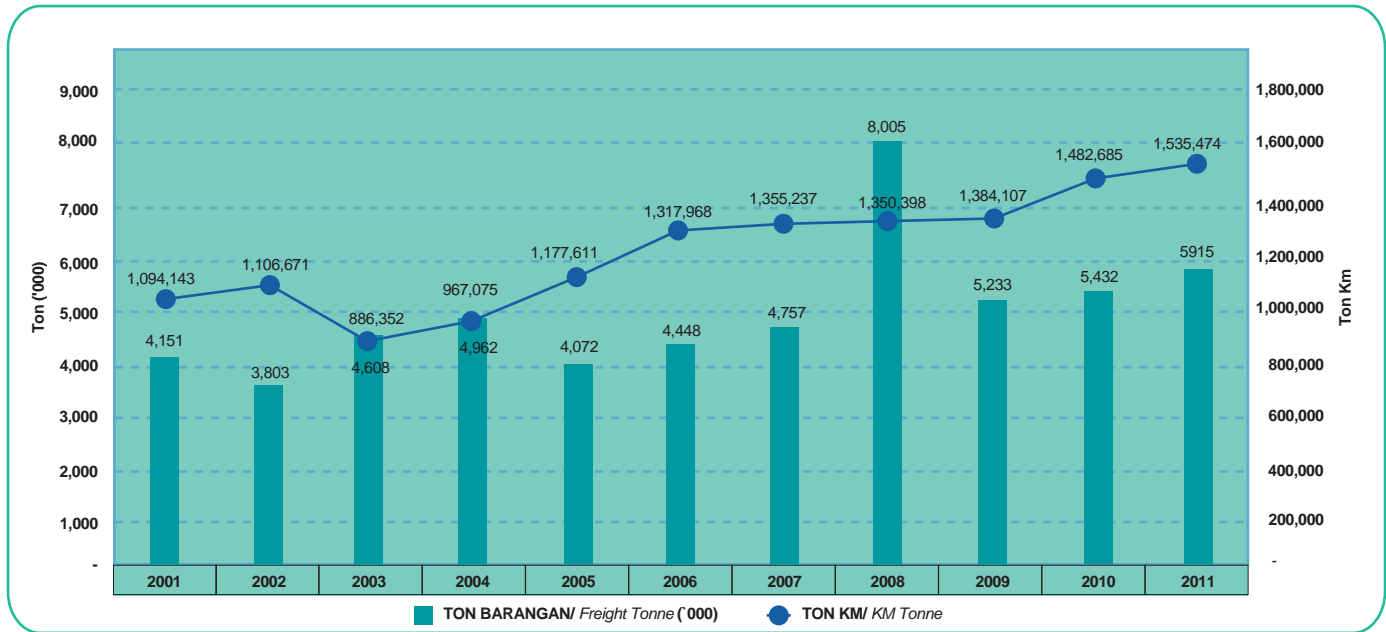


CARTA 2.2 : JUMLAH KONTENA YANG DIKENDALIKAN KERETAPI TANAH MELAYU BERHAD, 2001-2011

Chart 2.2 : Total Container Handled by Keretapi Tanah Melayu Berhad, 2001-2011

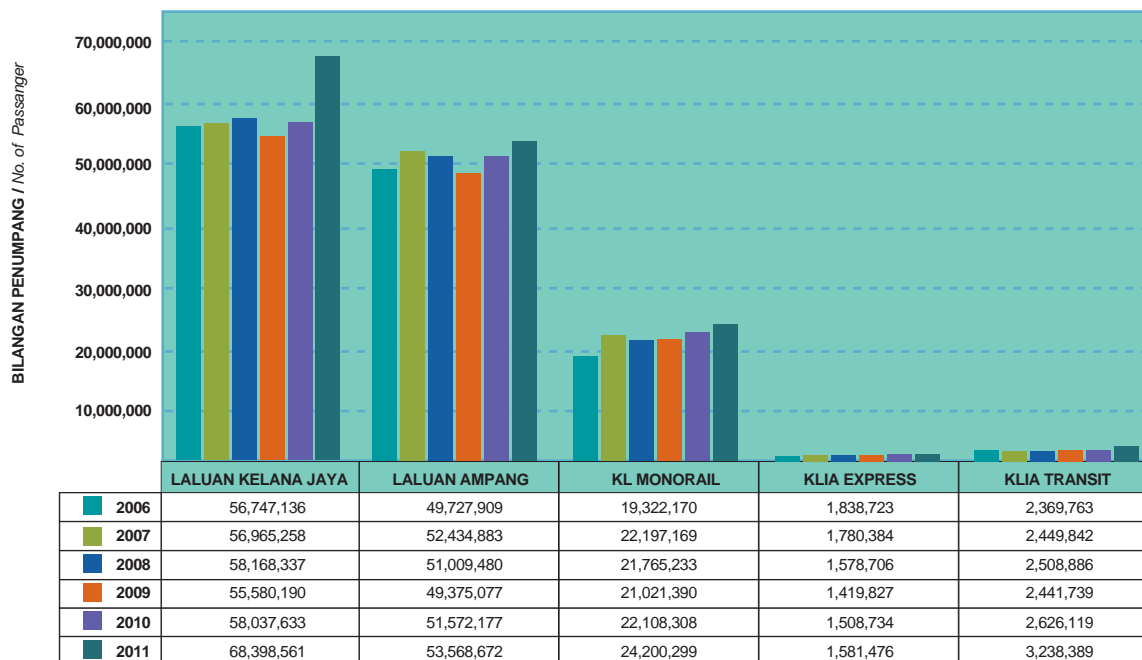


CARTA 2.3 : TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2001-2011
Chart 2.3 : Freight Traffic for Keretapi Tanah Melayu Berhad, 2001-2011



CARTA 2.4 : BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2006-2011

Chart 2.4 : Number of Passengers for Light Rail Transit (LRT) Services, 2006-2011





PENGANGKUTAN MARITIM

Maritime Transport

Kementerian Pengangkutan Malaysia
Ministry of Transport Malaysia

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2002 - 2011

Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2002 - 2011

('000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
1	KELANG	EKSPORT/Export	33,080	36,305	41,068	46,624	56,330	62,730	70,343	65,262	78,983	89,517	
		IMPORT/Import	49,191	52,583	58,843	63,035	65,674	72,784	82,005	72,353	91,773	104,651	
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	73	-
		JUMLAH/Total	82,271	88,888	99,911	109,659	122,004	135,514	152,348	137,615	170,756	194,168	
2	PULAU PINANG	EKSPORT/Export	9,440	9,908	10,510	10,664	9,526	12,524	10,707	10,531	12,434	12,870	
		IMPORT/Import	12,360	12,482	12,905	12,899	13,371	14,698	14,967	13,251	15,861	15,899	
		PINDAH KAPAL/Trans-shipment	4	5	5	3	-	269	325	496	551	620	
		JUMLAH/Total	21,804	22,395	23,420	23,566	22,897	27,491	25,999	24,278	28,846	29,390	
3	JOHOR	EKSPORT/Export	13,982	13,508	15,557	13,779	13,305	11,289	14,211	11,601	11,585	11,774	
		IMPORT/Import	15,037	14,270	15,647	14,789	14,162	17,553	15,561	13,633	16,544	20,900	
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	29,019	27,778	31,204	28,568	27,467	28,842	29,772	25,234	28,129	32,674	
4	KUANTAN	EKSPORT/Export	4,487	4,899	5,029	5,061	6,555	6,188	5,574	6,835	8,050	11,073	
		IMPORT/Import	4,512	4,905	4,670	4,350	4,118	3,877	3,831	3,438	4,030	4,133	
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	8,999	9,804	9,699	9,411	10,673	10,065	9,405	10,273	12,079	15,207	

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

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2002 - 2011 (SAMB.)
Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2002 - 2011 (Cont'd)

			('000) FREIGHTWEIGHT TONNES									
BIL No	PELABUHAN Ports		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
5	BINTULU	EKSPORT/Export	22,803	26,110	30,402	32,580	31,731	31,255	34,724	33,302	34,777	36,138
		IMPORT/Import	2,789	2,867	3,221	2,516	2,755	2,833	3,446	3,128	3,854	4,252
		PINDAH KAPAL/Trans-shipment	-	-	-	1,345	2,020	4,497	2,301	2,014	1,995	1,313
		JUMLAH/Total	25,592	28,977	33,623	36,441	36,506	38,585	40,471	38,444	40,625	41,703
6	TANJUNG BRUAS	EKSPORT/Export	52	90	21	8	7	-	14	25	37	82
		IMPORT/Import	656	618	723	442	399	606	543	437	414	361
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	708	708	744	450	406	606	557	463	451	443
7	KUCHING	EKSPORT/Export	1,611	1,659	1,984	1,979	1,977	2,343	2,136	1,815	2,144	2,148
		IMPORT/Import	4,372	5,151	5,107	5,488	5,204	5,272	5,347	5,077	6,069	6,532
		PINDAH KAPAL/Trans-shipment	-	-	36	22	22	32	68	-	-	-
		JUMLAH/Total	5,983	6,810	7,127	7,489	7,203	7,647	7,551	6,892	8,213	8,679
8	MIRI	EKSPORT/Export	5,253	5,643	4,868	4,589	5,246	6,318	6,155	5,028	5,410	4,908
		IMPORT/Import	439	524	460	457	369	521	684	605	746	865
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	5,692	6,167	5,328	5,046	5,615	6,839	6,839	5,633	6,156	5,773

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department



JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2002 - 2011 (SAMB.)

Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2002 - 2011 (Cont'd)

			('000) FREIGHTWEIGHT TONNES										
BIL No	PELABUHAN Ports		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
9	RAJANG	EKSPORT/Export	3,528	3,410	3,372	3,376	3,476	3,433	3,404	3,191	3,506	3,225	
		IMPORT/Import	1,163	1,249	1,289	1,347	1,357	1,540	1,604	1,546	1,680	1,825	
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	4,691	4,659	4,661	4,723	4,833	4,973	5,008	4,737	5,186	5,050	
10	SABAH	EKSPORT/Export	11,191	12,673	14,147	15,857	16,902	16,493	16,493	14,095	14,963	14,595	
		IMPORT/Import	7,827	9,388	10,499	10,317	11,238	12,660	12,660	10,675	13,426	13,340	
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	19,018	22,061	24,646	26,174	28,140	29,153	29,153	24,770	28,389	27,936	
11	PORT DICKSON	EKSPORT/Export	3,510	4,548	3,611	3,293	6,797	4,302	3,047	3,072	2,372	2,114	
		IMPORT/Import	9,085	8,574	11,031	8,808	5,250	8,493	8,810	10,976	10,285	11,256	
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	12,595	13,122	14,642	12,101	12,047	12,795	11,857	14,048	12,657	13,370	
12	KEMAMAN	EKSPORT/Export	883	1,272	1,502	1,421	1,141	1,806	1,713	1,834	1,944	2,062	
		IMPORT/Import	597	1,716	1,856	1,599	2,147	1,992	2,200	1,889	2,364	1,936	
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	1,480	2,988	3,358	3,020	3,288	3,798	3,913	3,723	4,308	3,998	

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

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2002 - 2011 (SAMB.)
Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2002 - 2011 (Cont'd)

			('000) FREIGHTWEIGHT TONNES										
BIL No	PELABUHAN Ports		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
13	TELUK EWA	EKSPORT/Export	2,971	3,091	2,986	3,046	3,185	3,208	3,379	3,381	3,223	3,057	
		IMPORT/Import	516	535	610	537	573	555	744	637	729	788	
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	3,487	3,626	3,596	3,583	3,758	3,763	4,123	4,019	3,952	3,845	
14	TANJUNG PELEPAS	EKSPORT/Export	1,366	1,879	2,252	2,537	2,854	2,926	3,349	3,322	3,587	4,727	
		IMPORT/Import	481	542	638	627	728	754	1,378	1,312	1,224	1,259	
		PINDAH KAPAL/Trans-shipment	37,048	47,413	54,188	56,357	65,194	80,009	83,212	85,813	92,845	106,803	
		JUMLAH/Total	38,895	49,834	57,078	59,521	68,776	83,689	87,939	90,447	97,656	112,788	
JUMLAH BESAR GRAND TOTAL		EKSPORT/Export	114,157	124,995	137,309	144,814	159,032	164,815	175,249	163,295	183,014	198,290	
		IMPORT/Import	109,025	115,404	127,499	127,211	127,345	144,138	153,780	138,957	168,999	187,997	
		PINDAH KAPAL/Trans-shipment	37,052	47,418	54,229	57,727	67,236	84,807	85,906	88,323	95,465	108,736	
		JUMLAH/Total	260,234	287,817	319,037	329,752	353,613	393,760	414,935	390,576	447,477	495,024	

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.2 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2011

Table 3.2 : Total Cargo Throughput by Ports and Type, Malaysia, 2011

('000) FREIGHTWEIGHT TONNES

PELABUHAN <i>Ports</i>	PUKAL KERING/ <i>Dry Bulk</i>		PUKAL CECAIR/ <i>Liquid Bulk</i>		CARGO AM/ <i>General Cargo</i>		JUMLAH <i>Total</i>	KARGO DI DALAM KONTENA <i>Containerised Cargo</i>	JUMLAH BESAR <i>Grand Total</i>
	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN DALAM NEGERI <i>Local Trade</i>	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN DALAM NEGERI <i>Local Trade</i>	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN DALAM NEGERI <i>Local Trade</i>			
KELANG	9,307	704	5,792	1,959	5,607	4,222	27,591	166,577	194,168
PULAU PINANG	440	3,255	676	4,206	1,006	614	10,197	19,192	29,390
JOHOR	8,336	-	11,923	902	1,452	704	23,317	9,357	32,674
KUANTAN	7,316	31	3,852	767	1,301	158	13,426	1,781	15,207
BINTULU	2,057	287	29,134	3,814	2,210	649	38,151	3,552	41,703
TANJUNG BRUAS	114	-	9	13	307	-	443	-	443
KUCHING	512	37	624	408	802	1,123	3,505	5,174	8,679
MIRI	-	12	1,968	1,626	974	397	4,977	796	5,773
RAJANG	2,710	107	-	504	38	95	3,454	1,596	5,050
SABAH	-	-	-	-	-	-	-	-	27,936
PORT DICKSON	4,269	-	4,381	4,719	-	-	13,370	-	13,370
KEMAMAN	1,328	10	2,025	74	470	91	3,998	-	3,998
TELOK EWA	3,057	734	-	54	-	-	3,845	-	3,845
TANJUNG PELEPAS	-	-	-	-	-	-	-	112,788	112,788
JUMLAH/Total	39,446	5,177	60,385	19,047	14,167	8,053	146,275	320,813	495,024

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

JADUAL 3.3 : BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2011
Table 3.3 : Commodities Loaded by Ports And Types, Malaysia, 2011

('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/ WAJA Iron/ Steel	BAHAN KIMIA/ BAJA Chemical/ Fertilizer	GETAH & SUSU GETAH Rubber & Latex	SIMEK/ KLINKER Cement/ Clinker	BIJAH & GALIAN Ore & Mineral	LAIN - LAIN Others	JUMLAH Total
KELANG	1,476	457	-	-	8	19	44	7	694	165	2	1	127	86,517	89,517
PULAU PINANG	514	-	-	0	-	711	-	-	785	679	1,813	30	-	8,338	12,870
JOHOR	3,973	421	595	-	-	-	-	-	75	443	-	-	-	6,267	11,774
KUANTAN	1,601	145	11	-	-	90	-	-	642	799	-	-	5,702	2,085	11,073
BINTULU	2,513	318	4,134	24,893	201	809	1,136	-	-	-	-	107	-	2,027	36,138
TANJUNG BRUAS	-	-	-	-	-	-	-	-	18	-	-	-	-	64	82
KUCHING	282	-	2	-	-	265	-	2	76	47	108	1	-	1,364	2,148
MIRI	6	-	3,497	-	-	343	664	-	10	6	-	-	-	382	4,908
RAJANG	26	17	23	-	-	1,465	927	-	-	-	4	-	-	763	3,225
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	14,595	14,595
PORT DICKSON	-	-	2,043	-	72	-	-	-	-	-	-	-	-	-	2,114
KEMAMAN	-	-	158	-	1,053	-	-	-	403	-	-	-	166	282	2,062
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	3,057	-	-	3,057
TANJUNG PELEPAS	373	-	-	-	-	-	-	-	147	103	127	-	-	3,978	4,727
JUMLAH/Total	10,763	1,358	10,462	24,893	1,334	3,702	2,771	9	2,849	2,242	2,053	3,196	5,995	126,662	198,290

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.4 : BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2011

Table 3.4 : Commodities Unloaded by Ports And Types, Malaysia, 2011

(’000) FREIGHTWEIGHT TONNES

PELABUHAN <i>Ports</i>	MINYAK KELAPA SAWIT <i>Palm Oil</i>	PETROLEUM & MINYAK PEMBAKAR <i>Petroleum & Fuel Oil</i>	BESI/ BESI WAJA <i>Iron/ Steel</i>	BIJIRIN <i>Grains/ Cereals</i>	GULA <i>Sugar</i>	BAHAN KIMIA/ BAJA <i>Chemical/ Fertilizer</i>	MESIN/ PERALATAN CKD <i>Machinery/ Component CKD</i>	KERTAS <i>Paper Reels</i>	KAIN <i>Textiles</i>	SIMEN/ KLINKER <i>Cement/ Clinker</i>	MAKANAN PROSES <i>Processed Foodstuff</i>	LAIN - LAIN <i>Others</i>	JUMLAH <i>Total</i>
KELANG	784	933	2,201	902	179	1,277	193	5	-	389	187	97,601	104,651
PULAU PINANG	328	3,458	548	998	1,073	608	674	632	107	-	-	7,473	15,899
JOHOR	1,984	2,720	529	668	-	2,501	-	-	-	-	-	12,498	20,900
KUANTAN	274	1,211	648	-	-	1,045	-	-	-	-	-	955	4,133
BINTULU	63	1,099	-	-	-	508	-	-	-	541	-	2,041	4,252
TANJUNG BRUAS	-	-	237	51	-	-	-	-	-	-	-	73	361
KUCHING	-	774	411	533	162	333	115	71	32	192	396	3,512	6,532
MIRI	-	194	120	-	3	47	114	15	12	-	149	211	865
RAJANG	-	489	96	91	26	81	179	28	16	-	252	567	1,825
SABAH	-	-	-	-	-	-	-	-	-	-	-	13,340	13,340
PORT DICKSON	-	6,986	-	-	-	-	-	-	-	-	-	4,269	11,256
KEMAMAN	-	-	33	-	-	-	-	-	-	-	-	1,903	1,936
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	788	788
TANJUNG PELEPAS	-	-	193	-	-	26	-	34	97	-	532	377	1,259
JUMLAH/Total	3,433	17,864	5,017	3,243	1,443	6,426	1,275	785	265	1,122	1,516	145,609	187,997

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2002-2011
Table 3.5 : Total Container Throughput By Ports, Malaysia, 2002-2011

			<i>TEU</i>									
BIL No	PELABUHAN Ports		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	KELANG	EKSPORT/Export	2,232,561	2,373,299	1,234,229	1,276,661	1,387,625	1,474,193	1,598,544	1,478,354	1,718,845	1,720,542
		IMPORT/Import	2,300,650	2,467,936	1,294,269	1,342,901	1,403,946	1,527,893	1,629,977	1,515,743	1,716,304	1,794,508
		PINDAH KAPAL/Trans-shipment	-	-	2,715,095	2,923,965	3,554,724	4,116,628	4,745,058	4,315,682	5,436,596	6,088,876
		JUMLAH/Total	4,533,211	4,841,235	5,243,593	5,543,527	6,346,295	7,118,714	7,973,579	7,309,779	8,871,745	9,603,926
2	PULAU PINANG	EKSPORT/Export	337,082	362,411	403,938	372,576	422,216	488,254	487,049	450,999	532,936	570,500
		IMPORT/Import	296,960	325,760	368,086	357,213	406,492	410,282	401,727	444,530	506,841	557,050
		PINDAH KAPAL/Trans-shipment	-	-	-	65,500	21,022	27,455	28,855	62,947	66,321	74,629
		JUMLAH/Total	634,042	688,171	772,024	795,289	849,730	925,991	917,631	958,476	1,106,098	1,202,179
3	JOHOR	EKSPORT/Export	407,900	454,426	497,228	382,675	410,422	421,045	400,849	367,368	394,192	344,213
		IMPORT/Import	275,916	296,040	308,461	323,331	335,335	363,672	374,281	334,140	371,463	349,632
		PINDAH KAPAL/Trans-shipment	-	-	-	136,297	134,854	142,567	159,637	143,348	110,613	136,495
		JUMLAH/Total	683,816	750,466	805,689	842,303	880,611	927,284	934,767	844,856	876,268	830,340
4	KUANTAN	EKSPORT/Export	46,865	55,476	62,072	61,842	64,167	65,577	64,545	66,567	72,850	67,204
		IMPORT/Import	44,659	52,632	59,760	55,975	59,581	61,892	61,936	65,351	69,134	64,943
		PINDAH KAPAL/Trans-shipment	-	-	913	1,250	1,086	131	580	334	96	649
		JUMLAH/Total	91,524	108,108	122,745	119,067	124,834	127,600	127,061	132,252	142,080	132,796

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

TEU : Twenty - Foot Equivalent Unit

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2002-2011 (SAMB.)

Table 3.5 : Total Container Throughput By Ports, Malaysia, 2002-2011 (Cont'd)

BIL No	PELABUHAN Ports		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
5	BINTULU	EKSPORT/Export	51,143	22,913	31,240	34,241	44,366	62,320	78,645	68,926	74,600	70,707
		IMPORT/Import	52,938	18,648	27,380	29,688	37,398	50,050	72,839	66,830	73,127	77,703
		PINDAH KAPAL/Trans-shipment	-	104,100	85,163	83,891	117,940	139,430	138,683	112,634	103,569	67,041
		JUMLAH/Total	104,081	145,661	143,783	147,820	199,704	251,800	290,167	248,390	251,296	215,451
6	KUCHING	EKSPORT/Export	56,631	67,356	68,509	68,799	73,524	78,325	82,235	76,753	92,458	104,568
		IMPORT/Import	60,401	71,643	71,720	73,703	78,022	84,143	87,836	82,677	94,631	103,441
		PINDAH KAPAL/Trans-shipment	-	-	998	594	848	870	1,872	1,661	3,553	6,811
		JUMLAH/Total	117,032	138,999	141,227	143,096	152,394	163,338	171,943	161,091	190,642	214,820
7	MIRI	EKSPORT/Export	5,826	6,373	7,217	7,442	9,001	10,405	13,555	12,095	14,599	14,234
		IMPORT/Import	6,215	6,927	7,185	7,381	7,836	10,754	14,530	13,007	15,174	17,605
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	12,041	13,300	14,402	14,823	16,837	21,159	28,085	25,102	29,773	31,839
8	RAJANG	EKSPORT/Export	22,669	25,454	26,477	26,799	26,652	32,823	37,698	31,679	39,278	43,861
		IMPORT/Import	22,239	25,385	27,263	27,578	27,089	33,085	36,622	34,531	41,055	44,839
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH/Total	44,908	50,839	53,740	54,377	53,741	65,908	74,320	66,210	80,333	88,700

SUMBER : SEMUA PELABUHAN DAN JABATAN LAUT

Source : All Ports and Marine Department

TEU : Twenty - Foot Equivalent Unit

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2002-2011 (SAMB.)
Table 3.5 : Total Container Throughput By Ports, Malaysia, 2002-2011 (Cont'd)

		TEU										
BIL	PELABUHAN		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
<i>No</i>	<i>Ports</i>											
9	SABAH	EKSPORT/Export	-	-	104,289	103,167	112,890	130,172	145,789	137,026	162,634	177,057
		IMPORT/Import	-	-	103,809	105,321	114,194	133,035	146,899	140,879	164,192	180,889
		PINDAH KAPAL/Trans-shipment	-	-	-	-	-	8,264	-	-	-	-
		JUMLAH/Total	-	-	208,098	208,488	227,084	271,471	292,688	277,905	326,826	357,946
10	TANJUNG PELEPAS	EKSPORT/Export	2,615,405	104,658	125,615	151,202	161,878	173,759	214,404	190,953	208,210	285,093
		IMPORT/Import	53,107	43,594	42,194	40,457	44,528	51,574	97,383	105,655	102,457	131,904
		PINDAH KAPAL/Trans-shipment	-	3,168,702	3,668,161	3,985,464	4,431,013	5,072,298	5,154,404	5,538,477	5,988,066	6,885,463
		JUMLAH/Total	2,668,512	3,316,954	3,835,970	4,177,123	4,637,418	5,297,631	5,466,191	5,835,085	6,298,733	7,302,460
JUMLAH BESAR GRAND TOTAL	EKSPORT/Export	5,776,082	3,472,366	2,560,814	2,485,404	2,712,741	2,936,873	3,123,313	2,880,720	3,310,602	3,397,979	
	IMPORT/Import	3,113,085	3,308,565	2,310,127	2,363,548	2,514,421	2,726,380	2,924,030	2,803,343	3,154,378	3,322,514	
	PINDAH KAPAL/Trans-shipment	-	3,272,802	6,470,330	7,196,961	8,261,487	9,507,643	10,229,089	10,175,083	11,708,814	13,259,964	
	JUMLAH/Total	8,889,167	10,053,733	11,341,271	12,045,913	13,488,648	15,170,896	16,276,432	15,859,146	18,173,794	19,980,457	

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, 2002 - 2011

Table 3.6 : Total Number of Ships Calling by Ports, Malaysia, 2002 - 2011

PELABUHAN Ports		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
KELANG	BIL / No	15,313	16,251	15,150	15,050	16,404	17,149	16,864	15,356	17,910	18,117
	GRT (' 000)	198,095	222,097	223,661	235,037	259,094	297,671	306,682	236,891	363,322	392,947
PULAU PINANG	BIL / No	7,328	6,419	6,804	6,220	6,177	6,036	5,779	5,559	6,136	6,327
	GRT (' 000)	29,142	29,943	33,096	35,938	38,311	48,843	37,068	42,411	60,978	62,034
JOHOR	BIL / No	6,631	6,877	6,526	6,138	6,337	6,004	5,823	5,121	4,882	4,899
	GRT (' 000)	35,688	27,840	28,705	28,910	26,916	23,637	41,037	41,348	38,177	36,864
KUANTAN	BIL / No	2,067	2,280	2,382	2,195	2,324	2,375	2,315	2,447	2,405	2,440
	GRT (' 000)	15,959	17,360	15,968	15,558	17,617	15,959	15,432	18,049	19,274	21,694
BINTULU	BIL / No	5,019	4,825	5,617	5,789	6,024	6,007	7,015	7,514	7,601	7,606
	GRT (' 000)	43,328	46,237	53,676	57,406	57,616	60,111	60,384	58,668	61,563	64,052
TANJUNG BRUAS	BIL / No	208	162	183	149	119	159	147	115	104	104
	GRT (' 000)	1,726	614	620	409	196	571	508	406	383	405
KUCHING	BIL / No	2,393	2,920	2,180	3,252	3,022	2,669	2,190	1,899	2,111	1,982
	GRT (' 000)	9,395	9,302	8,514	9,480	9,804	9,327	8,666	8,444	9,716	10,132
MIRI	BIL / No	1,071	1,789	2,312	3,120	2,504	1,643	1,690	1,637	1,645	1,692
	GRT (' 000)	8,433	8,399	7,752	8,136	8,455	9,005	8,691	8,387	7,720	7,156
RAJANG	BIL / No	2,229	2,090	2,006	1,996	1,881	1,727	1,692	1,690	1,821	1,680
	GRT (' 000)	9,178	8,416	8,138	8,452	8,280	7,179	6,797	6,918	6,990	6,360
SABAH	BIL / No	12,095	13,993	15,006	14,940	15,505	14,456	13,540	13,227	13,125	12,754
	GRT (' 000)	33,438	34,630	34,835	36,350	37,063	35,181	35,265	33,840	33,336	36,467
PORT DICKSON	BIL / No	1,076	1,103	1,278	1,126	1,000	1,628	1,282	1,028	892	869
	GRT (' 000)	9,316	9,810	9,970	9,218	9,500	12,591	11,640	11,560	11,203	10,938
KEMAMAN	BIL / No	317	363	337	319	272	374	344	391	553	423
	GRT (' 000)	2,013	2,983	3,309	3,099	1,666	3,905	3,966	3,757	4,240	4,187
TELOK EWA	BIL / No	360	368	381	535	563	597	637	633	595	589
	GRT (' 000)	2,423	2,440	2,402	2,438	2,509	2,509	2,592	3,028	2,653	2,711
TANJUNG PELEPAS	BIL / No	3,483	3,148	3,193	3,128	3,261	3,747	3,760	3,776	4,162	5,125
	GRT (' 000)	19,864	25,200	25,544	25,024	26,088	29,976	30,112	30,208	33,296	41,000
JUMLAH/Total	BIL / No	59,590	62,588	63,355	63,957	65,393	64,571	63,078	60,393	63,942	64,607
	GRT (' 000)	417,998	445,271	456,190	475,455	503,115	556,465	568,840	503,915	652,852	696,948

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, 2011
Table 3.7 : Type of Ships Calling by Ports, Malaysia, 2011

PELABUHAN <i>Ports</i>	PERENTAS SAMUDERA/ <i>Foreign Going</i>							PERSIRAN/ <i>Coastal</i>					JUMLAH <i>Total</i>	JUMLAH BESAR <i>Grand Total</i>
	KONTENA <i>Container</i>		KARGO AM <i>General Cargo</i>	TANKER CECAIR <i>Liquid Tankers</i>	PUKAL KERING <i>Dry Bulk</i>	LAIN- LAIN <i>Others</i>	JUMLAH <i>Total</i>	KONTENA <i>Container</i>	KARGO AM <i>General Cargo</i>	TANKER CECAIR <i>Liquid Tankers</i>	PUKAL KERING <i>Dry Bulk</i>	LAIN- LAIN <i>Others</i>		
	INDUK <i>Main Line</i>	FEEDER <i>Feeder</i>												
KELANG	9,281	1,939	1,312	1,530	343	1,423	15,828	1,167	231	686	68	137	2,289	18,117
PULAU PINANG	-	-	683	882	176	1,387	3,128	1,676	38	258	1	1,226	3,199	6,327
JOHOR	-	1,320	459	2,007	622	-	4,408	407	62	-	-	-	469	4,877
KUANTAN	34	426	355	772	477	45	2,109	-	67	199	7	58	331	2,440
BINTULU	49	429	528	1,257	195	430	2,888	410	496	741	104	2,967	4,718	7,606
TANJUNG BRUAS	-	-	63	4	16	-	83	-	-	21	-	-	21	104
KUCHING	-	188	149	169	72	87	665	599	309	80	2	326	1,316	1,981
MIRI	-	-	346	34	-	-	380	216	1,325	151	-	-	1,692	2,072
RAJANG	-	-	2	-	594	-	596	590	141	253	100	-	1,084	1,680
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	12,754
PORT DICKSON	-	-	-	440	73	36	549	-	-	256	-	64	320	869
KEMAMAN	-	-	65	266	45	-	376	-	2	14	31	-	47	423
TELOK EWA	-	-	-	25	228	65	318	-	-	19	93	159	271	589
TANJUNG PELEPAS	2,137	2,386	-	-	-	-	4,523	262	340	-	-	-	602	5,125
JUMLAH/<i>Total</i>	11,501	6,688	3,962	7,386	2,841	3,473	35,851	5,327	3,011	2,678	406	4,937	16,359	64,964

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, MALAYSIA, 2007 - 2011

Table 3.8 : Number of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2007 - 2011

JENIS KAPAL <i>Type of Ship</i>	2007			2008			2009			2010			2011		
	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)
TANGKI MINYAK / <i>Oil Tanker</i>	27	929	570	26	230	136	5	172	116	17	67	28	17	82	40
KAPAL LNG, LPG / <i>LNG, LPG Carrier</i>	3	297	89	3	320	95	1	108	32	-	-	-	-	-	-
TANGKI KIMIA/PETROLEUM <i>Chemical/ Petroleum Tanker</i>	4	17	8	13	65	30	4	24	11	14	249	94	15	129	49
KAPAL PUKAL, BIJIH, KAYU BALAK / <i>Bulk, Grain, Ore, Log Carrier</i>	3	31	19	4	35	21	-	-	-	2	37	23	1	18	11
KARGO AM, SEPARA KONTENA / <i>General Cargo, Semi Container</i>	17	17	10	18	18	8	5	3	2	5	21	11	25	44	23
KAPAL PENUMPANG, AM/ PENUMPANG / <i>Passenger, General/ Passenger Ship</i>	9	9	4	8	1	1	19	1	1	7	2	1	15	2	1
RO-RO	-	-	-	-	-	-	-	-	-	1	39	12	2	26	8
KONTENA PENUH / <i>Full Container</i>	4	106	62	4	26	13	-	-	-	4	24	14	2	16	7
"OFFSHORE SUPPORT VESSEL"	16	16	5	41	54	16	13	12	4	19	17	5	36	59	18
TONGKANG / <i>Barge</i>	95	151	47	100	174	56	33	82	26	44	79	24	53	93	30
LAIN-LAIN / <i>Others</i>	217	500	282	238	377	160	72	124	50	156	280	128	226	365	151
JUMLAH / Total	395	2,073	1,096	455	1,300	536	152	526	241	269	816	339	392	835	338

SUMBER : JABATAN LAUT MALAYSIA
Source : Marine Department Malaysia

JADUAL 3.9 : JUMLAH KESELURUHAN KAPAL - KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGLASAN BARU) DAN BERAT, MALAYSIA, 2007 - 2011

Table 3.9 : Total of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2007 - 2011

JENIS KAPAL <i>Type of Ship</i>	2007			2008			2009			2010			2011		
	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)	BIL No.	GRT (' 000)	NRT (' 000)
TANGKI MINYAK / <i>Oil Tanker</i>	193	2,645	1,552	197	2,417	1,424	205	2,572	1,522	193	2,318	1,374	209	2,387	1,408
KAPAL LNG, LPG / <i>LNG, LPG Carrier</i>	47	2,128	648	49	2,448	743	47	2,543	771	45	2,540	770	43	2,534	768
TANGKI KIMIA/PETROLEUM <i>Chemical/ Petroleum Tanker</i>	30	518	227	41	537	227	52	680	293	51	793	318	66	905	361
KAPAL PUKAL, BIJIH, KAYU BALAK / <i>Bulk, Grain, Ore, Log Carrier</i>	23	388	224	23	373	215	21	346	203	15	229	137	17	239	141
KARGO AM, SEPARA KONTENA / <i>General Cargo, Semi Container</i>	505	614	338	508	594	325	512	619	338	478	554	301	527	578	314
KAPAL PENUMPANG, AM/ PENUMPANG / <i>Passenger, General/ Passenger Ship</i>	340	55	21	331	54	21	332	55	21	319	54	21	442	63	24
RO-RO	11	72	24	11	72	24	10	61	20	10	75	24	12	101	32
KONTENA PENUH / <i>Full Container</i>	55	768	398	56	782	405	57	787	410	56	752	395	53	710	378
"OFFSHORE SUPPORT VESSEL"	184	133	41	195	159	49	218	177	54	207	164	50	251	237	72
TONGKANG / <i>Barge</i>	1,383	1,311	522	1,403	1,360	538	1,441	1,474	572	1,362	1,249	440	1,455	1,406	491
LAIN-LAIN / <i>Others</i>	1,520	1,290	566	1,638	1,472	633	1,782	1,879	814	1,730	1,806	789	2,070	2,335	1,001
JUMLAH / Total	4,291	9,922	4,561	4,452	10,268	4,604	4,677	11,194	5,017	4,466	10,532	4,617	5,145	11,496	4,990

SUMBER : JABATAN LAUT MALAYSIA
 Source : Marine Department Malaysia

JADUAL 3.10 : JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS LESEN DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2007 - 2011

Table 3.10 : Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLБ), 2007 - 2011

JENIS KARGO <i>Type of Cargo</i>	2007		2008		2009		2010		2011	
	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>
KARGO KERING <i>Dry Bulk</i>	852	158	899	104	864	45	821	28	848	29
KELAPA SAWIT <i>Palm Oil</i>	6	92	25	120	15	73	20	77	38	85
PETROLIUM / DIESEL <i>Petroleum / Diesel</i>	117	252	155	254	195	370	200	470	214	542
PENUMPANG <i>Passenger</i>	134	53	137	49	144	57	135	60	114	36
KONTENA <i>Container</i>	86	16	78	20	73	26	58	38	57	28
KIMIA <i>Chemical</i>	31	129	11	112	28	139	24	108	10	120
KHIDMAT TUNDA <i>Towing Services</i>	391	542	504	629	507	590	547	578	587	496
PERALATAN KERJA CARİ GALİ <i>Exploration Work Equipment</i>	22	137	36	382	100	417	153	557	161	585
KENDERAAN / RO-RO <i>Vehicle / Ro-ro</i>	6	1	6	0	10	0	10	0	7	0
BAHAN BINAAN <i>Construction Material</i>	46	122	39	146	45	163	83	220	78	216
KAYU BALAK <i>Log Wood</i>	240	0	242	0	235	0	250	0	249	0
SİMEN KLİNKER <i>Clinker Cement¹</i>	0	49	1	58	0	41	0	59	0	45
LAIN - LAIN <i>Others</i>	160	581	188	377	142	324	106	308	98	310
JUMLAH <i>Total</i>	2,091	2,132	2,321	2,251	2,358	2,245	2,407	2,503	2,461	2,492

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

JADUAL 3.11 : JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS LESEN DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2007 – 2011

Table 3.11 : Total Number of Licenses Issued by Type of License and Registration by Domestic Shipping Licensing Board (DSLBS), 2007 - 2011

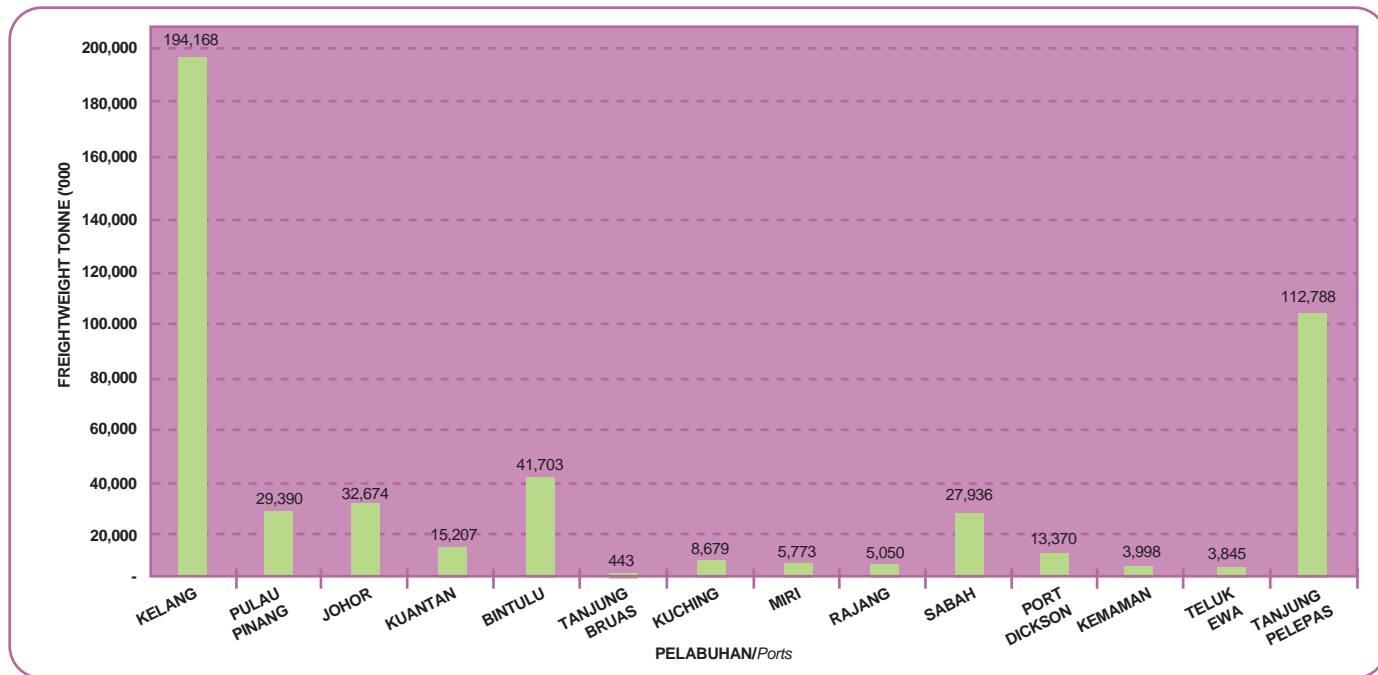
JENIS LESEN <i>Type of Licenses</i>	2007		2008		2009		2010		2011	
	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>
SEMENTARA <i>Temporary</i>	202	2,132	221	2,251	205	2,245	211	2,503	176	2,492
BERSYARAT <i>Conditional</i>	1,663	0	1,804	0	1,874	0	1,886	0	1,987	0
TANPA SYARAT <i>Unconditional</i>	226	0	296	0	279	0	310	0	298	0
JUMLAH <i>Total</i>	2,091	2,132	2,321	2,251	2,358	2,245	2,407	2,503	2,461	2,492

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

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

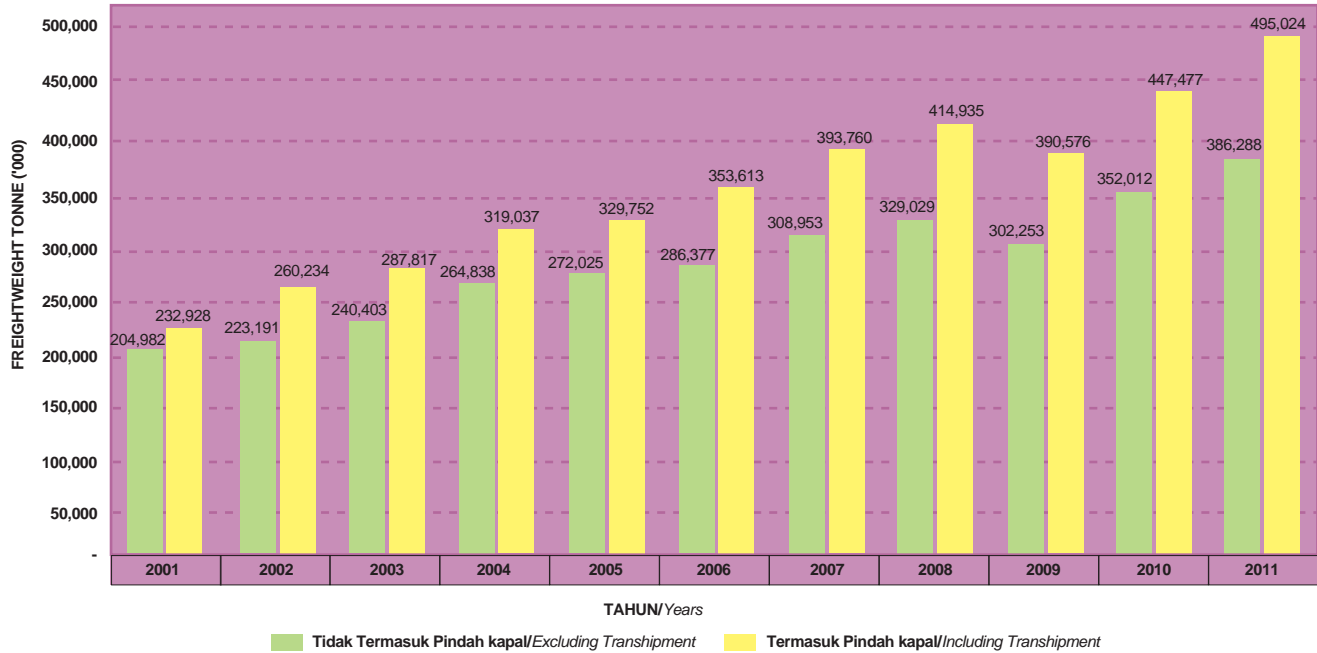
CARTA 3.1 : KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2011

Chart 3.1 : Cargo Throughput by Ports, Malaysia, 2011



CARTA 3.2 : JUMLAH KARGO YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA ,2001-2011

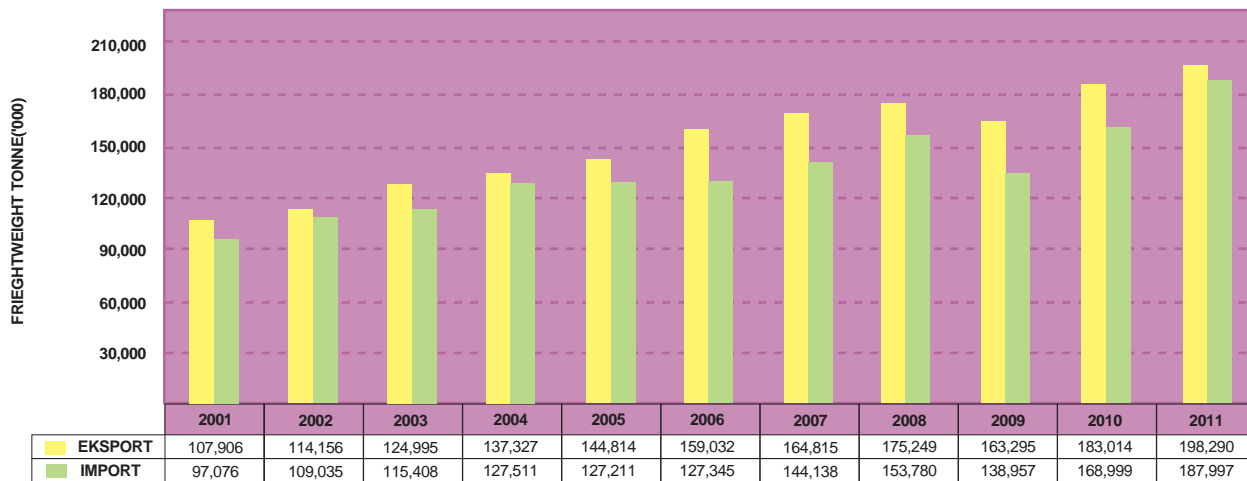
Chart 3.2 : Total Cargo Throughput at Ports, Malaysia, 2001-2011



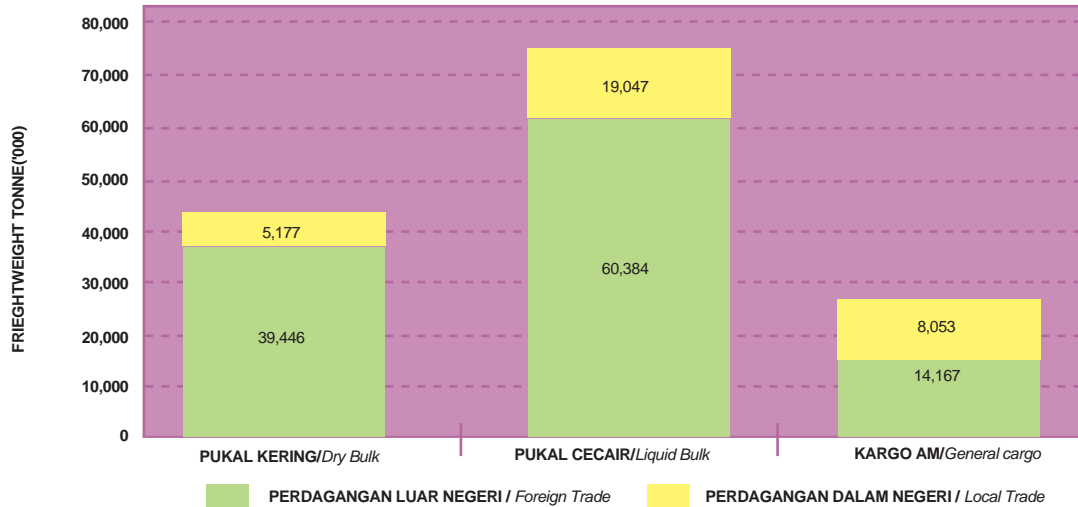


CARTA 3.3 : JUMLAH KARGO IMPORT DAN EKSPORT YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2001-2011

Chart 3.3 : Total Import and Export Cargo Troughput at Ports, Malaysia, 2001-2011

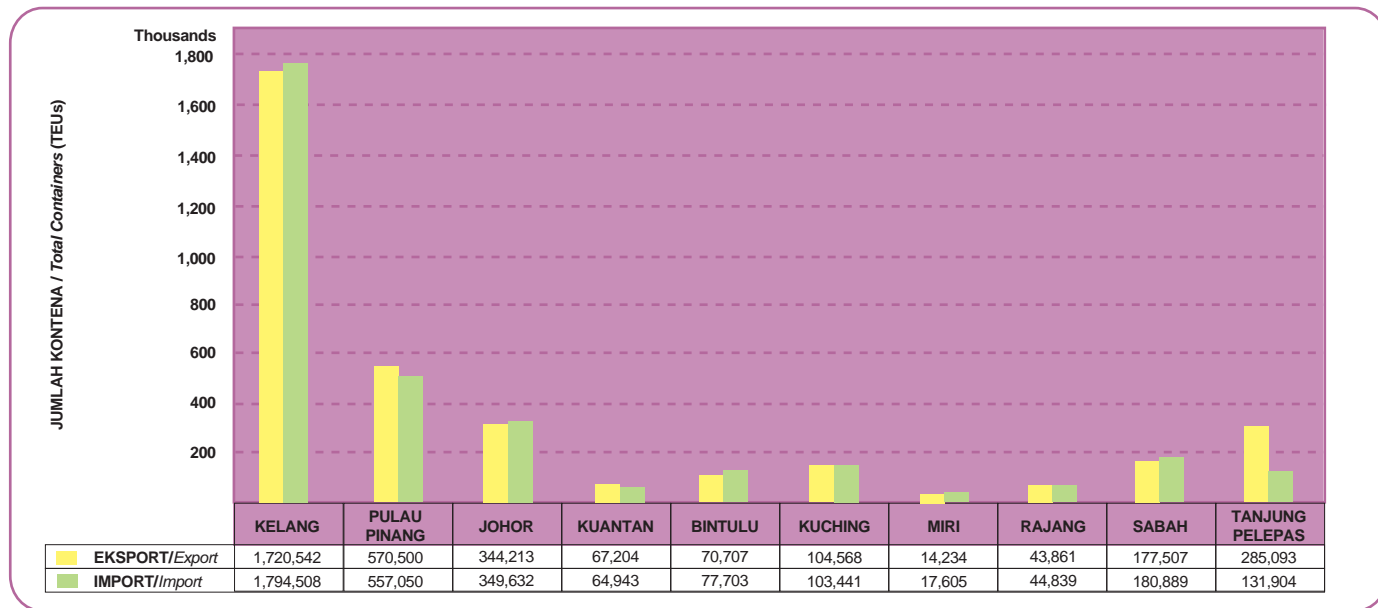


CARTA 3.4 : KENDALIAN KARGO UNTUK PERDAGANGAN DALAM NEGERI DAN LUAR NEGERI, 2011
Chart 3.4 : Cargo Handling for Local and Foreign Trade, 2011



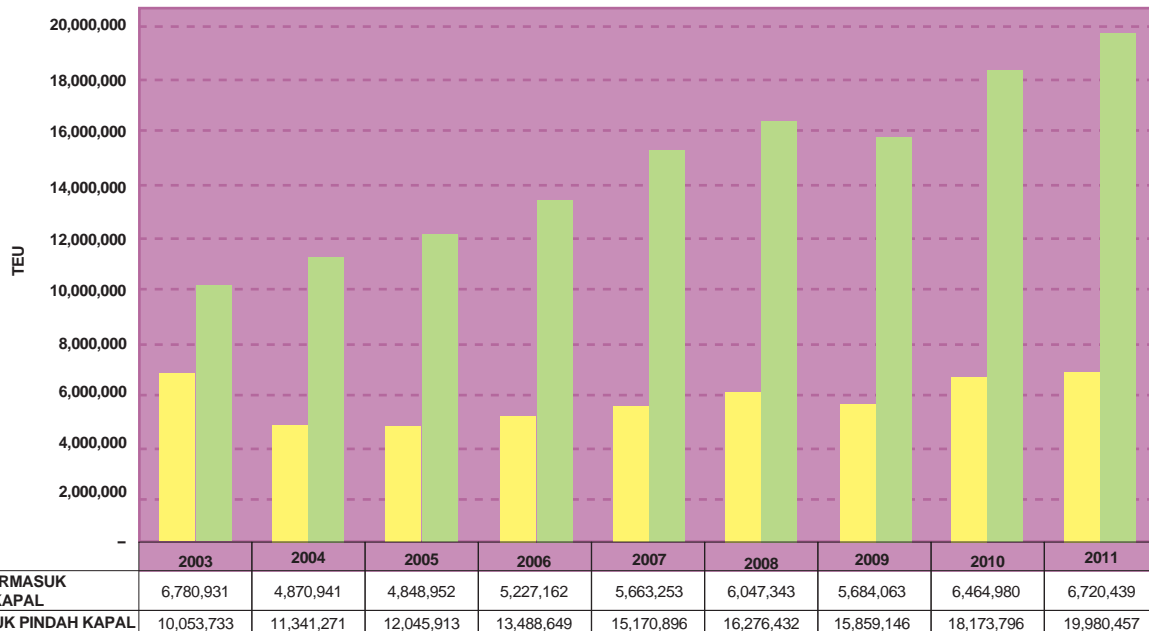
CARTA 3.5 : PENGENDALIAN IMPORT DAN EKSPORT KONTENA MENGIKUT PELABUHAN, MALAYSIA, 2011

Chart 3.5 : Handling of Import and Export Container by Ports, Malaysia, 2011



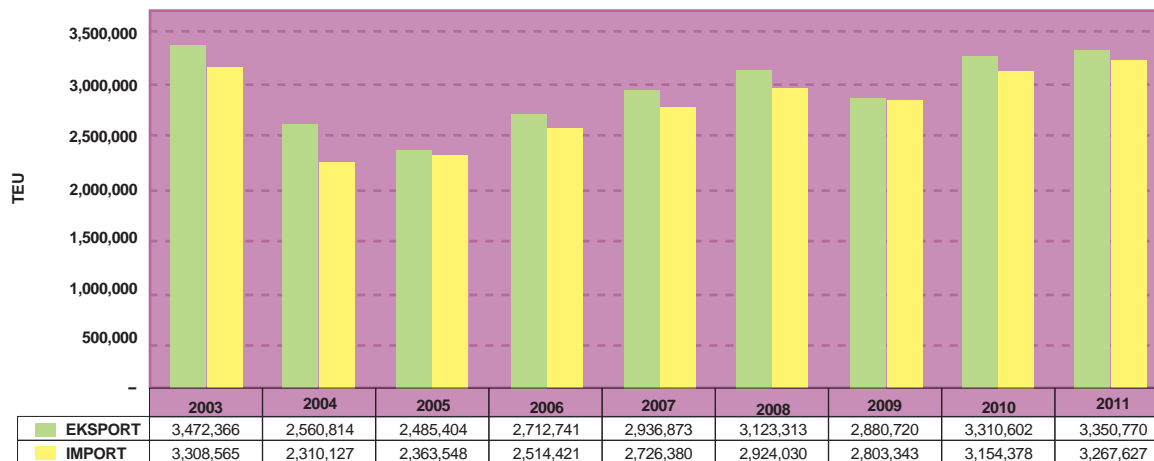
CARTA 3.6 : JUMLAH KONTENA YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA ,2003-2011

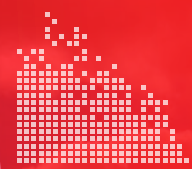
Chart 3.6 : Total Container Throughput At Ports, Malaysia, 2003-2011



CARTA 3.7 : PENGENDALIAN KONTENA IMPORT DAN EKSPORT MENGIKUT TAHUN, MALAYSIA, 2003-2011

Chart 3.7 Handling of Import and Export Container Year, Malaysia, 2003-2011





PENGANGKUTAN UDARA

BERSEKUTUAN

Air Transport

Kementerian Pengangkutan Malaysia
Ministry of Transport Malaysia

JADUAL 4.1 : KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2011

Table 4.1 : International Airport Facilities, Malaysia, 2011

LAPANGAN TERBANG <i>Airports</i>	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT <i>Airport Fire & Rescue Services Category (AFRS)</i>	PANJANG / LEBAR LANDASAN <i>Runway Length / Width (m)</i>	KEUPAYAAN LANDASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIHAN UDARA <i>Radio and Air Navigational Aids</i>
KLIA	CAT IX	412M X 60M (32R/14L) 4056X60M(32L/14R)	PCN 100 F/C/W/T	24 hrs	B747	2 X ILS/DME, VOR/DME, 2 X NBD 2 X LCTR, APP,RADAR
JOHOR	CAT VIII	3800m x 45m	PCN 70/F/A/W/T	0600am - 0000mn	A380	ILS/LLZ,GP/DME,NDB, DVOR/DME
PULAU PINANG	CAT IX	3352m X 45m	PCN 105F/B/X/U	24 hrs	B747	DVOR, LCTR
LANGKAWI	CAT VII	3810m X 45m	PCN 77F/C/W/T	2300 - 1500 UTC	B747	ILS/LLZ,DVOR GP/DME,NBD
KUCHING	CAT VII (required) & but CAT VIII (available)	3780 X 46m	PCN 59F/B/X/U	24 hrs	B747	ILS/LLZ, GP/DME,NBD DVOR/ DME
KOTA KINABALU	CAT VIII	3780 X 45m	PCN 59F/B/X/U	24 hrs	B747	ILS/DME,VOR/DME,LCTR

JADUAL 4.2 : KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2011
Table 4.2 : Domestic Airport Facilities, Malaysia, 2011

LAPANGAN TERBANG <i>Airports</i>	KATEGORI PERKHIDMATAN BOMBA & PENYELAMAT <i>Airport Fire & Rescue Services Category (AFRS)</i>	PANJANG / LEBAR LANDASAN <i>Runway Length / Width (m)</i>	KEUPAYAAN LANDASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIHAN UDARA <i>Radio and Air Navigational Aids</i>
ALOR SETAR	CAT VI	2745 m X 45 m	PCN 96/F/C/X/T	2230 1430 UTC	AIRBUS	DVOR/DME , NDB
KOTA BHARU	CAT VI	1981m X45 m	PCN 51/F/A/W/T	2200 - 1530 UTC	AIRBUS	NDB,DVOR/DME
KUANTAN	CAT VII	2804 m X 46 m	LCN 48	2230 - 1230 UTC	AIRBUS	GP/DME, VOR/TACAN, ILS/LLZ
KERTEH	n.a	n.a	n.a	n.a	n.a	n.a
IPOH	CAT VI	1798m X 36 m	PCN 77F/C/W/T	2300 - 1300 UTC	B737	VOR/DME ,ILS/LLZ, GP/DME,L
MELAKA	CAT IV	2130 m X 45 m	LCN 42	2300 - 1100 UTC	A320	NDB , DVOR/DME,L
KUALA TERENGGANU	CAT IX	3480m X45m	PCN 75 F/B/X/T	2300 - 1400 UTC	B747(HAJ FLT)	DVOR / DME , LCTR ,ILS
SUBANG	CAT VII	3780 m x 45m	PCN 59/F/B/X/U	24 HOURS	B747	ILS/LLZ,GP/DME,L,NDB DVOR/ DME
PULAU TIOMAN	Fire ext.	992 X30	n.a	0900-1700	DASH 7	n.a
BINTULU	CAT VI	2745 m X 45 m	PCN 79/F/C/X/T	2200 - 1400 UTC	B747,AIRBUS	ILS/LL2,GP/DME,DVOR, DVOR/ ME, NDB
MIRI	CAT VI	2745m X 60m	PCN 79/F/C/X/T	2200 - 1500 UTC	AIRBUS,B747(landing only but cannot park)	ILS/LLZ,GP/DME, DVOR.
SIBU	CAT VI	2745 m X 45 m	PCN 61 F / C / X / T	2230 - 1330 UTC	AIRBUS	ILS/DME , VOR/DME,NDB
LAHAD DATU	CAT IV	1371m X 30 m	LCN 20	0000 - 0900 UTC	ATR-72	LCTR
LABUAN	CAT VII	2745m X 45 m	PCN 79/F/C/X/T	2300 - 1430 UTC	A330	NVOR/LCTR,ILS
SANDAKAN	CAT VI	2133 m X 45 m	LCN 90	2200 - 1400 UTC	AIRBUS	ILS/LLZ,GP/DME,NDB, DVOR/DME
TAWAU	CAT VI	2683 m X 45m	PCN 69/F / C / W / T	2300 - 1400 UTC	AIRBUS	DVOR/ DME/NDB / LOCALIZER
LIMBANG	CAT V	1500m X30m	PCN15/F/C/W/T	2230 - 1030 UTC	ATR 72	DVOR /DME
MULU	Portable Form type fore extr	1450m X 30m	n.a	Dawn to 1600	ATR 72	n.a

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG , MALAYSIA, 2011

Table 4.3 : Airstrips Facilities, Malaysia, 2011

LAPANGAN TERBANG <i>Airports</i>	PANJANG / LEBAR LANDASAN <i>Runway Length / Width (m)</i>	KEUPAYAAN LANDASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIHAN UDARA <i>Radio and Air Navigational Aids</i>
SEMENANJUNG MALAYSIA <i>Peninsular Malaysia</i>					
SITIAWAN	n.a	n.a	n.a	n.a	n.a
MERSING	n.a	n.a	n.a	n.a	n.a
BIDOR	n.a	n.a	n.a	n.a	n.a
BAKRI / MUAR	n.a	n.a	n.a	n.a	n.a
SEGAMAT	n.a	n.a	n.a	n.a	n.a
SUNGAI TIANG	n.a	n.a	n.a	n.a	n.a
PULAU PANGKOR	792 X 30	n.a	0001 - 0900 UTC	n.a	n.a
ULU BERNAM	n.a	n.a	n.a	n.a	n.a
JENDERATA	n.a	n.a	n.a	n.a	n.a
SARAWAK					
BARIO	670 X 23	n.a	0800-1700	DHC-6 T/ Otter	n.a
LAWAS	578 X18	n.a	0630-1830	DHC-6 T/ Otter	n.a
BELAGA	427 X 18	n.a	sunrise to s/set	DHC-6 T/ Otter	n.a
KAPIT	427 X 18	n.a	sunrise to s/set	DHC-6 T/ Otter	n.a
BAKELALAN	762 X 23	n.a	0630-1830	DHC-6 T/ Otter	n.a
LONG LELLANG	762 X 23	n.a	0800-1700	DHC-6 T/ Otter	n.a
LONG SEMANDO	549 X23	n.a	0800-1700	DHC-6 T/ Otter	n.a
LONG SERIDAN	457X17	n.a	0800-1700	DHC-6 T/ Otter	n.a
LONG BANGA	550 X 18	n.a	0800-1700	DHC-6 T/ Otter	n.a
MUKAH	1097 X 23	n.a	0630-1830	DHC-6 T/ Otter	n.a
MARUDI	914 X 24	n.a	0630-1830	DHC-6 T/ Otter	n.a

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG , MALAYSIA, 2011 (SAMB.)
Table 4.3 : Airstrips Facilities, Malaysia, 2011 (Cont'd)

LAPANGAN TERBANG <i>Airports</i>	PANJANG / LEBAR LANDASAN <i>Runway Length / Width (m)</i>	KEUPAYAAN LANDASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIMAN UDARA <i>Radio and Air Navigational Aids</i>
SABAH					
KUDAT	730 X 18	AUW 6123kg	sunrise to s/set	DHC-6 T/ Otter	n.a
PAMOL	n.a	n.a	n.a	n.a	n.a
SEMPORNA	609 X 24	n.a	sunrise to s/set	DHC-6 T/ Otter	n.a
RANAU	n.a	n.a	n.a	n.a	n.a
KENINGAU	n.a	n.a	n.a	n.a	n.a
LONG PASIA	610 X23	n.a	sunrise to s/set	DHC-6 T/ Otter	n.a
KUALA PENYU	n.a	n.a	n.a	n.a	n.a
SEPULOT	n.a	n.a	n.a	n.a	n.a
SAHABAT	n.a	n.a	n.a	n.a	n.a
TOMMANGGONG	n.a	n.a	n.a	n.a	n.a
TELUPID	n.a	n.a	n.a	n.a	n.a
KELABAKAN	n.a	n.a	n.a	n.a	n.a
HUNTER (MOROTAI)	n.a	n.a	n.a	n.a	n.a
KUALA KAHABA	n.a	n.a	n.a	n.a	n.a
KUALA MEDAMIT	n.a	n.a	n.a	n.a	n.a
MARAK-MARAK	n.a	n.a	n.a	n.a	n.a
MERIDI	n.a	n.a	n.a	n.a	n.a
NANGO	n.a	n.a	n.a	n.a	n.a
PARAMUDU	n.a	n.a	n.a	n.a	n.a
ULU TOMAN	n.a	n.a	n.a	n.a	n.a
WALLACE BAY	n.a	n.a	n.a	n.a	n.a

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.4 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2002 – 2011

Table 4.4 : Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2002 - 2011

LAPANGAN TERBANG <i>Airports</i>	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
KLIA	16,398,230	17,454,564	21,058,572	23,213,926	24,129,748	26,453,379	27,529,355	29,398,483	33,718,562	37,313,395
PULAU PINANG	2,508,693	2,334,669	2,987,993	2,834,545	3,103,772	3,173,117	3,405,762	3,322,114	4,143,421	4,561,998
KOTA KINABALU	3,256,212	3,302,366	3,918,201	3,975,136	4,015,221	4,399,939	4,689,164	4,765,880	5,115,827	5,772,115
KUCHING	2,935,052	2,923,633	3,317,879	3,354,973	3,196,352	3,236,468	3,238,614	3,520,402	3,648,548	4,247,775
LANGKAWI	712,988	726,817	845,276	830,334	934,024	1,122,911	1,196,956	1,358,506	1,372,618	1,503,262
JOHOR BHARU	874,278	-	-	1,246,834	1,308,386	1,324,952	1,389,327	1,314,646	1,235,355	1,337,562
KOTA BHARU	534,959	589,950	639,871	635,397	678,306	759,316	836,060	1,003,162	1,047,755	1,132,345
IPOH	132,314	115,286	103,123	74,451	64,711	814	5,376	21,937	48,508	71,169
KUALA TERENGGANU	309,202	394,240	435,620	419,475	398,252	430,800	487,495	523,619	520,611	502,966
ALOR SETAR	287,465	353,778	346,502	323,669	292,549	291,006	307,564	421,314	400,997	407,717
MELAKA	7,438	31,108	46,692	27,683	18,509	27,209	23,751	18,576	21,687	21,261
SUBANG	1,130,169	72,491	90,593	83,602	83,502	95,583	307,747	819,840	1,118,309	1,320,227
KUANTAN	388,746	351,179	349,375	298,184	273,005	262,486	259,529	226,912	220,878	248,846
TIOMAN	64,067	56,900	57,957	54,054	57,559	46,260	48,767	49,057	54,056	62,010
PANGKOR	8,811	6,095	10,247	11,193	9,866	8,906	8,132	7,617	2,588	547
REDANG	-	-	20,750	30,650	28,928	33,738	34,957	28,246	48,610	46,159
LABUAN	635,458	696,961	686,103	642,582	575,684	535,294	550,859	446,848	479,481	522,320
LAHAD DATU	108,151	107,914	117,584	116,973	108,697	77,024	99,983	98,558	113,442	131,054
SANDAKAN	449,613	497,999	574,213	621,513	633,194	626,192	618,927	662,820	706,455	756,144
TAWAU	495,462	551,168	620,847	680,901	660,331	736,646	768,967	866,601	897,848	922,452
BINTULU	422,715	427,894	464,576	487,077	449,673	381,158	417,918	460,217	506,000	567,519
MIRI	1,292,004	1,377,312	1,509,684	1,594,855	1,559,379	1,454,167	1,537,840	1,614,736	1,676,281	1,843,005
SIBU	759,704	817,687	903,108	920,930	898,923	809,955	831,772	927,082	994,394	1,118,852
MULU	44,371	41,280	54,767	52,914	48,825	37,463	43,652	49,255	63,122	63,477
LIMBANG	77,821	83,459	96,209	105,652	89,814	50,107	49,181	45,512	48,312	56,211
STOL SABAH	6,896	6,945	7,099	6,009	5,933	1,942	3,741	-	554	4,198
STOL SARAWAK	173,123	165,704	167,805	173,956	153,199	134,079	145,807	144,323	160,230	166,168
SEMANJUNG	23,357,360	22,487,077	26,992,571	30,083,997	31,381,117	34,030,477	35,840,778	38,514,029	43,953,955	48,529,464
<i>Peninsular</i>										
SABAH	4,951,792	5,163,353	5,924,047	6,043,114	5,999,060	6,377,037	6,731,641	6,840,707	7,313,607	8,108,283
SARAWAK	5,704,790	5,836,969	6,514,028	6,690,357	6,396,165	6,103,397	6,264,784	6,761,527	7,096,887	8,063,007
JUMLAH	34,013,942	33,487,399	39,430,646	42,817,468	43,776,342	46,510,911	48,837,203	52,116,263	58,364,449	64,700,754
<i>Total</i>										

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

JADUAL 4.5 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2011

Table 4.5 : Total Passengers Handled by Airports, Malaysia, 2011

LAPANGAN TERBANG <i>Airports</i>	DALAM NEGERI <i>Domestic</i>			ANTARABANGSA <i>International</i>			JUMLAH <i>Total</i>			TRANSIT <i>Transit</i>			PERBANDINGAN TAHUN KE TAHUN <i>Year-on-Year Comparison</i>		
	KETIBAAN <i>Arrival</i>	BERLEPAS <i>Departure</i>	JUMLAH <i>Total</i>	KETIBAAN <i>Arrival</i>	BERLEPAS <i>Departure</i>	JUMLAH <i>Total</i>	KETIBAAN <i>Arrival</i>	BERLEPAS <i>Departure</i>	JUMLAH <i>Total</i>	KETIBAAN <i>Arrival</i>	BERLEPAS <i>Departure</i>	JUMLAH <i>Total</i>	2011	2010	% <i>+/-</i>
KLIA	5,730,525	5,667,147	11,397,672	12,898,577	13,017,146	25,915,723	18,629,102	18,684,293	37,313,395	118	390,997	391,115	37,704,510	34,087,636	10.6%
PULAU PINANG	1,183,151	1,189,770	2,372,921	1,085,291	1,103,786	2,189,077	2,268,442	2,293,556	4,561,998	17,329	20,947	38,276	4,600,274	4,143,421	11.0%
KOTA KINABALU	2,251,560	2,263,004	4,514,564	625,954	631,597	1,257,551	2,877,514	2,894,601	5,772,115	20,968	15,556	36,524	5,808,639	5,223,454	11.2%
KUCHING	1,936,802	1,929,126	3,865,928	190,569	191,278	381,847	2,127,371	2,120,404	4,247,775	32,684	6,263	38,947	4,286,722	3,684,517	16.3%
LANGKAWI	675,154	685,701	1,360,855	69,146	73,261	142,407	744,300	758,962	1,503,262	1,414	21	1,435	1,504,697	1,374,729	9.5%
JOHOR BHARU	645,686	671,362	1,317,048	10,811	9,703	20,514	656,497	681,065	1,337,562	-	-	-	1,337,562	1,235,355	8.3%
KOTA BHARU	559,797	572,548	1,132,345	-	-	-	559,797	572,548	1,132,345	-	-	-	1,132,345	1,047,755	8.1%
IPOH	325	382	707	35,310	35,152	70,462	35,635	35,534	71,169	-	-	-	71,169	48,508	46.7%
K TERENGGANU	255,648	238,188	493,836	4,553	4,577	9,130	260,201	242,765	502,966	-	-	-	502,966	520,611	-3.4%
ALOR SETAR	204,680	203,037	407,717	-	-	-	204,680	203,037	407,717	-	-	-	407,717	400,997	1.7%
MELAKA	296	243	539	11,070	9,652	20,722	11,366	9,895	21,261	61	61	61	21,322	21,687	-1.7%
SUBANG	491,551	496,987	988,538	168,602	163,087	331,689	660,153	660,074	1,320,227	-	-	-	1,320,227	1,118,309	18.1%
KUANTAN	112,345	110,306	222,651	13,061	13,134	26,195	125,406	123,440	248,846	-	-	-	248,846	220,878	12.7%
TIOMAN	20,510	20,854	41,364	9,852	10,794	20,646	30,362	31,648	62,010	-	-	-	62,010	54,056	14.7%
PANGKOR	277	270	547	-	-	-	277	270	547	-	-	-	547	2,588	-78.9%
REDANG	15,470	16,271	31,741	6,735	7,683	14,418	22,205	23,954	46,159	-	-	-	46,159	48,610	-5.0%
LABUAN	266,496	254,861	521,357	897	66	963	267,393	254,927	522,320	45,608	-	45,608	567,928	505,903	12.3%
LAHAD DATU	65,890	65,164	131,054	-	-	-	65,890	65,164	131,054	-	-	-	131,054	113,442	15.5%
SANDAKAN	375,653	380,440	756,093	31	20	51	375,684	380,460	756,144	32,371	-	32,371	788,515	741,674	6.3%
TAWAU	454,511	467,941	922,452	-	-	-	454,511	467,941	922,452	-	-	-	922,452	897,848	2.7%
BINTULU	287,904	279,615	567,519	-	-	-	287,904	279,615	567,519	22,734	-	22,734	590,253	557,459	5.9%
MIRI	892,643	890,176	1,782,819	29,350	30,836	60,186	921,993	921,012	1,843,005	13,621	-	13,621	1,856,626	1,694,915	9.5%
SIBU	558,048	560,804	1,118,852	-	-	-	558,048	560,804	1,118,852	14,241	-	14,241	1,133,093	1,009,002	12.3%
MULU	31,887	31,590	63,477	-	-	-	31,887	31,590	63,477	3,564	-	3,564	67,041	66,575	0.7%
LIMBANG	28,255	27,956	56,211	-	-	-	28,255	27,956	56,211	-	-	-	56,211	5,050,044	-98.9%
STOL SABAH	2,080	2,118	4,198	-	-	-	2,080	2,118	4,198	848	-	848	5,046	793	100.0%
STOL SARAWAK	78,730	87,438	166,168	-	-	-	78,730	87,438	166,168	7,121	-	7,121	173,289	170,506	1.6%
SEMANJUNG	9,895,415	9,873,066	19,768,481	14,313,008	14,447,975	28,760,983	24,208,423	24,321,041	48,529,464	18,861	412,026	430,887	48,960,351	44,325,140	10.5%
<i>Peninsular</i>															
SABAH	3,416,190	3,433,528	6,849,718	626,882	631,683	1,258,565	4,043,072	4,065,211	8,108,283	99,795	15,556	115,351	8,223,634	7,483,114	9.9%
SARAWAK	3,814,269	3,806,705	7,620,974	219,919	222,114	442,033	4,034,188	4,028,819	8,063,007	93,965	6,263	100,228	8,163,235	12,233,018	-33.3%
JUMLAH	17,125,874	17,113,299	34,239,173	15,159,809	15,301,772	30,461,581	32,285,683	32,415,071	64,700,754	212,621	433,845	646,466	65,347,220	64,041,272	2.0%
<i>Total</i>															

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

JADUAL 4.6 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK KARGO TRANSIT), MALAYSIA, 2002 – 2011

Table 4.6 : Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2002 - 2011

LAPANGAN TERBANG <i>Airports</i>	METRIC TONNES									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
KLIA	527,124	586,195	651,747	653,654	672,888	644,100	649,077	584,559	674,902	669,849
PULAU PINANG	202,044	197,567	212,369	221,971	225,952	208,582	192,936	131,804	138,576	121,804
KOTA KINABALU	28,112	25,638	27,191	25,473	28,356	35,638	34,532	20,754	21,145	27,806
KUCHING	24,835	26,278	26,073	28,407	29,716	23,818	19,166	20,616	26,835	24,574
LANGKAWI	210	287	325	449	487	524	589	572	434	646
JOHOR BHARU	3,849	3,697	0	7,518	4,366	5,444	5,068	5,158	6,242	5,439
KOTA BHARU	404	315	235	168	210	163	181	185	177	164
IPOH	388	498	735	437	357	10	0	0	0	0
KUALA TERENGGANU	151	160	124	94	70	47	24	24	50	103
ALOR SETAR	30	17	67	118	111	55	41	34	34	46
MELAKA	49	214	602	370	146	219	179	127	144	139
SUBANG	12,261	14,358	18,670	46,082	71,953	63,382	18,473	18,536	19,988	19,928
KUANTAN	96	64	64	75	109	103	70	70	49	38
TIOMAN	0	0	0	0	0	0	0	0	0	0
PANGKOR	0	0	0	0	0	0	0	0	0	0
LABUAN	3,176	2,733	2,653	3,077	3,207	3,985	4,566	3,878	4,128	4,835
LAHAD DATU	469	400	390	334	170	0	0	0	0	42
SANDAKAN	2,665	3,713	4,053	4,531	5,475	6,224	3,055	2,099	2,806	2,295
TAWAU	3,612	2,701	2,968	3,885	3,030	2,134	1,262	1,951	3,045	3,198
BINTULU	1,176	940	1,375	2,110	2,205	2,252	1,978	1,903	1,703	2,071
MIRI	3,903	3,881	4,721	5,392	4,080	3,564	4,146	3,921	6,770	8,198
SIBU	1,916	1,701	1,567	1,377	1,040	892	735	856	1,133	1,147
MULU	18	4	102	459	240	191	262	333	396	370
LIMBANG	249	226	179	289	379	440	475	530	560	498
STOL SABAH	4	2	2	1	1	0	0	0	0	0
STOL SARAWAK	818	847	862	540	403	845	692	387	454	549
SEMANANJUNG	746,607	803,372	884,937	930,937	976,649	922,630	866,638	741,068	840,597	818,155
<i>Peninsular</i>										
SABAH	38,037	35,187	37,257	37,301	40,238	47,981	43,415	28,682	31,124	38,175
SARAWAK	32,915	33,876	34,878	38,575	38,062	32,001	27,454	28,546	37,850	37,407
JUMLAH	817,559	872,436	957,072	1,006,813	1,054,950	1,002,612	937,508	798,295	909,571	893,737
<i>Total</i>										

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

JADUAL 4.7 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2011
Table 4.7 : Total Cargo Handled by Airports, Malaysia, 2011

LAPANGAN TERBANG <i>Airports</i>	DALAM NEGERI <i>Domestic</i>			ANTARABANGSA <i>International</i>			JUMLAH <i>Total</i>			TRANSIT <i>Transit</i>			PERBANDINGAN TAHUN KE TAHUN <i>Year-on-Year Comparison</i>		
	DIHANTAR <i>Unloaded</i>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DIHANTAR <i>Unloaded</i>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DIHANTAR <i>Unloaded</i>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DALAM NEGERI	ANTARA-BANGSA	JUMLAH <i>Total</i>	2011	2010	% +/-
										<i>Domestic</i>	<i>International</i>				
KLIA	20,820,030	42,418,717	63,238,747	298,067,679	308,542,599	606,610,278	318,887,709	350,961,316	669,849,025	-	-	669,849,025	674,901,790	-0.7%	
PULAU PINANG	16,894,785	4,728,555	21,623,340	41,844,600	58,335,922	100,180,521	58,739,385	63,064,477	121,803,861	3,431,099	6,610,640	10,041,739	131,845,600	147,056,819	-10.3%
KOTA KINABALU	15,490,409	9,522,642	25,013,051	1,298,421	1,494,169	2,792,590	16,788,830	11,016,811	27,805,641	515,748	212,659	728,407	28,534,048	26,732,864	6.7%
KUCHING	14,895,384	8,342,388	23,237,772	938,314	397,922	1,336,236	15,833,698	8,740,310	24,574,008	203,682	8,929	212,611	24,786,619	26,976,585	-8.1%
LANGKAWI	488,402	27,375	515,777	127,434	2,566	130,000	615,836	29,941	645,777	-	-	-	645,777	434,439	48.6%
JOHOR BHARU	2,054,705	1,910,877	3,965,582	747,670	725,332	1,473,002	2,802,375	2,636,209	5,438,584	-	-	-	5,438,584	6,242,254	-12.9%
KOTA BHARU	98,855	65,401	164,256	-	-	-	98,855	65,401	164,256	-	-	-	164,256	177,470	-7.4%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K. TERENGGANU	49,417	53,448	102,865	-	500	500	49,417	53,948	103,365	-	-	-	103,365	49,920	107.1%
ALOR SETAR	6,094	40,297	46,391	-	-	-	6,094	40,297	46,391	-	-	-	46,391	34,052	36.2%
MELAKA	61	42	103	61,681	77,171	138,852	61,742	77,213	138,955	-	-	-	138,955	143,847	-3.4%
SUBANG	3,150,290	6,952,735	10,103,025	4,594,208	5,230,367	9,824,575	7,744,498	12,183,101	19,927,599	-	-	-	19,927,599	19,988,128	-0.3%
KUANTAN	32,088	5,539	37,627	-	-	-	32,088	5,539	37,627	-	-	-	37,627	49,375	-23.8%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	3,161,226	971,051	4,132,277	670,200	32,050	702,250	3,831,426	1,003,100	4,834,527	458,443	1,155	459,598	5,294,125	4,591,662	15.3%
LAHAD DATU	39,589	2,240	41,829	-	-	-	39,589	2,240	41,829	-	-	-	41,829	-	-
SANDAKAN	583,712	1,711,054	2,294,766	-	-	-	583,712	1,711,054	2,294,766	5,342	-	5,342	2,300,108	2,805,918	-18.0%
TAWAU	727,677	2,470,744	3,198,421	-	-	-	727,677	2,470,744	3,198,421	-	-	-	3,198,421	3,044,935	5.0%
BINTULU	1,252,926	817,724	2,070,650	-	-	-	1,252,926	817,724	2,070,650	719	-	719	2,071,369	1,702,807	21.6%
MIRI	6,201,399	1,960,032	8,161,431	32,328	4,678	37,006	6,233,727	1,964,710	8,198,437	-	-	-	8,198,437	6,770,421	21.1%
SIBU	931,500	215,762	1,147,262	-	-	-	931,500	215,762	1,147,262	5,623	-	5,623	1,152,885	1,132,514	1.8%
MULU	364,916	5,243	370,159	-	-	-	364,916	5,243	370,159	-	-	-	370,159	395,638	-6.4%
LIMBANG	336,805	160,778	497,583	-	-	-	336,805	160,778	497,583	-	-	-	497,583	559,536	-11.1%
STOL SABAH	13	-	13	-	-	-	13	-	13	-	-	-	13	-	-
STOL SARAWAK	349,198	199,534	548,732	-	-	-	349,198	199,534	548,732	73,638	-	73,638	622,370	543,361	14.5%
SEMANANJUNG	43,594,727	56,202,986	99,797,713	345,443,272	372,914,456	718,357,728	389,037,999	429,117,442	818,155,441	3,431,099	6,610,640	10,041,739	828,197,180	849,078,094	-2.5%
<i>Peninsular</i>															
SABAH	20,002,626	14,677,731	34,680,357	1,968,621	1,526,219	3,494,840	21,971,247	16,203,949	38,175,197	979,533	213,814	1,193,347	39,368,544	37,175,379	5.9%
SARAWAK	24,332,128	11,701,461	36,033,589	970,642	402,600	1,373,242	25,302,770	12,104,061	37,406,831	283,662	8,929	292,591	37,699,422	38,080,862	-1.0%
JUMLAH/Total	87,929,481	82,582,177	170,511,659	348,382,534	374,843,275	723,225,809	436,312,016	457,425,452	893,737,468	4,694,294	6,833,383	11,527,677	905,265,145	924,334,335	-2.1%

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

JADUAL 4.8 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK MEL TRANSIT), MALAYSIA, 2002 – 2011

Table 4.8 : Total Mail Handled by Airports (Excluding Mel in Transit), Malaysia, 2002 - 2011

LAPANGAN TERBANG <i>Airports</i>	METRIC TONNES									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
KLIA	4,858	3,787	3,621	2,999	4,558	8,794	18,418	17,061	19,394	25,463
PULAU PINANG	1	992	1,563	9	2	1	0	7	4	12
KOTA KINABALU	5,214	5,737	5,940	5,032	3,787	4,044	3,149	1,612	1,486	1,681
KUCHING	5,181	5,131	5,344	5,086	3,467	3,137	999	794	642	479
LANGKAWI	25	42	44	46	58	58	83	73	90	131
KOTA BHARU	287	305	384	226	171	175	236	322	322	330
IPOH	0	0	0	0	0	0	0	-	-	-
KUALA TERENGGANU	136	164	174	132	10	4	8	5	12	16
ALOR SETAR	0	0	0	0	0	0	2	55	47	58
MELAKA	0	0	0	0	0	0	0	0	0	-
SUBANG	7,142	7,860	8,003	7,006	1,656	0	0	0	0	-
KUANTAN	0	9	12	2	0	0	0	5	2	1
TIOMAN	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-
LABUAN	288	307	276	257	291	334	399	360	378	412
LAHAD DATU	201	155	165	154	212	157	193	212	207	213
SANDAKAN	360	216	202	52	90	9	233	254	476	459
TAWAU	510	453	431	264	102	27	281	242	439	457
BINTULU	151	122	151	134	240	83	339	382	264	218
MIRI	1,118	1,283	1,255	1,633	1,439	1,806	1,665	2,171	1,564	1,608
SIBU	543	598	909	1,089	698	59	0	849	287	371
STOL SABAH	0	0	0	0	0	0	-	-	-	-
STOL SARAWAK	0	0	32	90	106	6	94	53	13	15
SEMANANJUNG <i>Peninsular</i>	12,449	13,160	13,801	10,421	6,455	9,033	18,747	17,528	19,870	26,011
SABAH	6,573	6,868	7,013	5,759	4,481	4,572	4,254	2,680	2,987	3,222
SARAWAK	6,993	7,133	7,691	8,032	5,950	5,090	3,097	4,249	2,770	2,690
JUMLAH <i>Total</i>	26,015	27,161	28,505	24,212	16,886	18,695	26,098	24,457	25,627	31,924

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.9 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2011
Table 4.9 : Total Mail Handled by Airports, Malaysia, 2011

LAPANGAN TERBANG <i>Airports</i>	KILOGRAM												PERBANDINGAN TAHUN KE TAHUN		
	DALAM NEGERI <i>Domestic</i>			ANTARABANGSA <i>International</i>			JUMLAH <i>Total</i>			TRANSIT <i>Transit</i>			Year-on-Year Comparison		
	DIHANTAR <i>Unloaded</i>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DIHANTAR <i>Unloaded</i>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DIHANTAR <i>Unloaded</i>	DIANGKUT <i>Loaded</i>	JUMLAH <i>Total</i>	DALAM NEGERI <i>Domestic</i>	ANTARA-BANGSA <i>International</i>	JUMLAH <i>Total</i>	2011	2010	% <i>+/-</i>
KLIA	369,821	1,140,126	1,509,947	11,651,746	12,301,235	23,952,981	12,021,567	13,441,361	25,462,928	-	-	-	25,462,928	19,393,540	31.3%
PULAU PINANG	486	909	1,395	10,255	318	10,573	10,741	1,227	11,968	-	-	-	11,968	4,204	184.7%
KOTA KINABALU	591,135	899,654	1,490,789	167,365	23,210	190,575	758,500	922,864	1,681,364	87,031	42,026	129,057	1,810,421	3,731,993	-51.5%
KUCHING	83,951	394,157	478,108	66	348	414	84,017	394,505	478,522	9	-	9	478,531	1,786,752	-73.2%
LANGKAWI	91,838	39,266	131,104	-	-	-	91,838	39,266	131,104	-	-	-	131,104	207,402	-36.8%
KOTA BHARU	184,839	144,980	329,819	-	-	-	184,839	144,980	329,819	-	-	-	329,819	773,039	-57.3%
IPOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K. TERENGGANU	6,118	9,764	15,882	-	-	-	6,118	9,764	15,882	-	-	-	15,882	28,192	-43.7%
ALOR SETAR	1,466	56,966	58,432	-	-	-	1,466	56,966	58,432	-	-	-	58,432	135,781	-57.0%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUANTAN	1	-	1	-	-	-	1	-	1	-	-	-	1	2,081	-100.0%
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	347,249	64,655	411,904	-	-	-	347,249	64,655	411,904	2,528	-	2,528	414,432	377,978	9.6%
LAHAD DATU	186,769	25,769	212,538	-	-	-	186,769	25,769	212,538	-	-	-	212,538	207,216	2.6%
SANDAKAN	395,280	63,824	459,104	-	-	-	395,280	63,824	459,104	6,158	-	6,158	465,262	476,172	-2.3%
TAWAU	398,451	58,779	457,230	-	-	-	398,451	58,779	457,230	-	-	-	457,230	439,476	4.0%
BINTULU	149,185	69,087	218,272	-	-	-	149,185	69,087	218,272	-	-	-	218,272	264,142	-17.4%
MIRI	1,161,180	446,889	1,608,069	-	-	-	1,161,180	446,889	1,608,069	-	-	-	1,608,069	1,563,526	2.8%
SIBU	228,560	142,211	370,771	-	-	-	228,560	142,211	370,771	-	-	-	370,771	287,474	29.0%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	8,396	6,217	14,613	-	-	-	8,396	6,217	14,613	-	-	-	14,613	13,325	9.7%
SEMANAJUNG	654,569	1,392,011	2,046,580	11,662,001	12,301,553	23,963,554	12,316,570	13,693,564	26,010,134	-	-	-	26,010,134	20,544,239	26.6%
<i>Peninsular</i>															
SABAH	1,918,884	1,112,681	3,031,565	167,365	23,210	190,575	2,086,249	1,135,891	3,222,140	95,717	42,026	137,743	3,359,883	5,232,835	-35.8%
SARAWAK	1,631,272	1,058,561	2,689,833	66	348	414	1,631,338	1,058,909	2,690,247	9	-	9	2,690,256	3,915,219	-31.3%
JUMLAH/Total	4,204,725	3,563,253	7,767,977	11,829,432	12,325,111	24,154,543	16,034,157	15,888,364	31,922,520	95,726	42,026	137,752	32,060,272	29,692,293	8.0%

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.10 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2002 – 2011

Table 4.10 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2002 - 2011

LAPANGAN TERBANG <i>Airports</i>	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
KLIA	127,462	139,101	164,483	181,341	182,548	192,304	209,681	225,251	244,179	268,265
PULAU PINANG	28,861	26,516	29,182	31,173	31,448	34,508	38,335	38,343	44,753	50,610
KOTA KINABALU	42,177	42,491	50,313	49,680	50,594	49,881	52,463	52,677	55,089	59,638
KUCHING	39,477	38,676	41,353	39,430	37,167	34,192	36,087	41,437	42,940	49,613
LANGKAWI	7,910	7,168	7,352	8,021	8,287	10,828	12,242	12,638	13,274	14,510
JOHOR BHARU	9,291	8,848	-	-	-	-	-	13,552	11,934	12,626
KOTA BHARU	6,255	7,520	8,888	8,765	10,368	13,074	14,083	13,709	13,180	15,304
IPOH	1,662	1,572	1,402	1,145	954	12	183	384	844	1,536
KUALA TERENGGANU	3,196	4,221	4,776	4,623	3,792	4,533	6,038	6,006	5,959	6,006
ALOR SETAR	2,940	3,646	3,568	3,267	2,820	2,668	2,934	4,578	4,513	4,841
MELAKA	182	1,102	2,135	1,328	596	714	700	616	584	466
SUBANG	14,685	5,140	6,981	8,988	9,158	7,234	11,448	19,897	24,509	30,779
KUANTAN	3,764	3,743	3,748	3,500	2,748	3,253	3,334	2,947	2,628	3,178
TIOMAN	2,357	2,173	1,885	1,668	1,836	1,597	1,603	1,591	1,662	1,766
PANGKOR	519	511	534	530	514	517	503	502	174	32
REDANG	-	-	741	1,110	934	1,053	1,083	862	1,356	1,319
LABUAN	8,358	9,661	10,450	9,292	9,332	10,127	11,212	10,868	11,988	12,645
LAHAD DATU	2,886	2,882	2,948	3,010	3,203	2,195	2,922	2,922	2,860	2,941
SANDAKAN	9,474	9,985	10,184	10,876	10,034	7,719	8,991	10,214	12,095	10,757
TAWAU	6,928	7,450	8,019	8,531	8,005	6,863	7,334	8,885	9,723	9,328
BINTULU	14,111	13,288	13,240	13,146	11,388	6,542	8,933	10,948	10,994	11,270
MIRI	39,545	40,468	42,306	40,302	39,462	33,022	35,178	38,836	39,509	40,931
SIBU	16,791	16,593	17,162	16,683	15,092	11,765	14,307	16,275	17,899	18,211
MULU	4,536	3,422	3,066	2,620	2,220	1,638	1,642	1,570	1,726	1,912
LIMBANG	4,688	4,994	5,625	5,490	4,242	2,300	1,860	1,697	1,947	1,896
STOL SABAH	922	936	812	814	800	338	459	-	167	264
STOL SARAWAK	13,531	13,816	13,816	14,322	14,718	12,457	12,716	12,140	13,538	14,118
SEMENANJUNG <i>Peninsular</i>	209,084	211,261	235,675	255,459	256,003	272,295	302,167	340,876	369,549	411,238
SABAH	70,745	73,405	82,726	82,203	81,968	77,123	83,381	85,566	91,922	95,573
SARAWAK	132,679	131,257	136,568	131,993	124,289	101,916	110,723	122,903	128,553	137,951
JUMLAH	412,508	415,923	454,969	469,655	462,260	451,334	496,271	549,345	590,024	644,762
<i>Total</i>										

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

JADUAL 4.11 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2011

Table 4.11 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2011

LAPANGAN TERBANG <i>Airports</i>	DALAM NEGERI <i>Domestic</i>			ANTARABANGSA <i>International</i>			JUMLAH <i>Total</i>			PERBANDINGAN TAHUN KE TAHUN <i>Year-on-Year Comparison</i>		
	BERJADUAL <i>Scheduled</i>	TIDAK BERJADUAL <i>Non Scheduled</i>	JUMLAH <i>Total</i>	BERJADUAL <i>Scheduled</i>	TIDAK BERJADUAL <i>Non Scheduled</i>	JUMLAH <i>Total</i>	BERJADUAL <i>Scheduled</i>	TIDAK BERJADUAL <i>Non Scheduled</i>	JUMLAH <i>Total</i>	2011	2010	% +/-
KLIA	94,521	722	95,243	171,961	1,061	173,022	266,482	1,783	268,265	268,265	244,179	9.9%
PULAU PINANG	26,644	1	26,645	23,949	16	23,965	50,593	17	50,610	50,610	44,753	13.1%
KOTA KINABALU	47,159	1,397	48,556	11,080	2	11,082	58,239	1,399	59,638	59,638	55,089	8.3%
KUCHING	40,876	3,561	44,437	4,921	255	5,176	45,797	3,816	49,613	49,613	42,940	15.5%
LANGKAWI	12,902	-	12,902	1,600	8	1,608	14,502	8	14,510	14,510	13,274	9.3%
JOHOR BHARU	12,204	41	12,245	185	196	381	12,389	237	12,626	12,626	11,943	5.7%
KOTA BHARU	12,632	2,672	15,304	-	-	-	12,632	2,672	15,304	15,304	13,180	16.1%
IPOH	40	-	40	1,496	-	1,496	1,536	-	1,536	1,536	840	82.9%
KUALA TERENGGANU	5,929	-	5,929	50	27	77	5,979	27	6,006	6,006	5,959	0.8%
ALOR SETAR	4,841	-	4,841	-	-	-	4,841	-	4,841	4,841	4,513	7.3%
MELAKA	24	-	24	442	-	442	466	-	466	466	584	-20.2%
SUBANG	22,520	-	22,520	8,259	-	8,259	30,779	-	30,779	30,779	24,509	25.6%
KUANTAN	2,728	4	2,732	424	22	446	3,152	26	3,178	3,178	2,628	20.9%
TIOMAN	1,111	-	1,111	655	-	655	1,766	-	1,766	1,766	1,662	6.3%
PANGKOR	32	-	32	-	-	-	32	-	32	32	174	-81.6%
REDANG	849	-	849	470	-	470	1,319	-	1,319	1,319	1,356	-2.7%
LABUAN	8,800	3,724	12,524	8	113	121	8,808	3,837	12,645	12,645	11,988	5.5%
LAHAD DATU	2,880	61	2,941	-	-	-	2,880	61	2,941	2,941	2,860	2.8%
SANDAKAN	9,888	839	10,727	-	30	30	9,888	869	10,757	10,757	12,095	-11.1%
TAWAU	9,045	265	9,310	-	18	18	9,045	283	9,328	9,328	9,723	-4.1%
BINTULU	10,065	1,143	11,208	8	54	62	10,073	1,197	11,270	11,270	10,994	2.5%
MIRI	30,156	10,190	40,346	583	2	585	30,739	10,192	40,931	40,931	39,509	3.6%
SIBU	16,821	1,390	18,211	-	-	-	16,821	1,390	18,211	18,211	17,899	1.7%
MULU	1,876	36	1,912	-	-	-	1,876	36	1,912	1,912	1,726	10.8%
LIMBANG	1,678	218	1,896	-	-	-	1,678	218	1,896	1,896	1,947	-2.6%
STOL SABAH	264	-	264	-	-	-	264	-	264	264	167	58.1%
STOL SARAWAK	13,086	1,032	14,118	-	-	-	13,086	1,032	14,118	14,118	13,538	4.3%
SEMENANJUNG <i>Peninsular</i>	196,977	3,440	200,417	209,491	1,330	210,821	406,468	4,770	411,238	411,238	369,554	11.3%
SABAH	78,036	6,286	84,322	11,088	163	11,251	89,124	6,449	95,573	95,573	91,922	4.0%
SARAWAK	114,558	17,570	132,128	5,512	311	5,823	120,070	17,881	137,951	137,951	128,553	7.3%
JUMLAH/Total	389,571	27,296	416,867	226,091	1,804	227,895	615,662	29,100	644,762	644,762	590,029	9.3%

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

JADUAL 4.12 : PERGERAKAN TRAFIK DI ANTARA LAPANGAN TERBANG-LAPANGAN TERBANG MALAYSIA (TERMASUK SINGAPURA), 2011

Table 4.12 : Traffic Movements Between Malaysian Airports (Including Singapore), 2011

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	167,809	168,318	336,127	25,025	244,565	269,590	2,915	157,308	160,223
KUALA LUMPUR	-	IPOH	-	-	-	-	-	-	-	-	-
KUALA LUMPUR	-	JOHOR BHARU	201,185	224,328	425,513	688,716	704,302	1,393,018	5	-	5
KUALA LUMPUR	-	KOTA BHARU	438,896	443,563	882,459	228,226	83,351	311,577	7,921	-	7,921
KUALA LUMPUR	-	KOTA KINABALU	1,136,481	1,145,485	2,281,966	13,759,083	5,556,230	19,315,313	211,449	123,717	335,166
KUALA LUMPUR	-	TERENGGANU	201,874	203,262	405,700	76,664	45,118	121,782	7,138	-	7,138
KUALA LUMPUR	-	KUANTAN	104,075	101,484	205,559	38,249	6,554	44,803	-	-	-
KUALA LUMPUR	-	KUCHING	1,020,809	1,017,485	2,038,294	14,708,779	5,198,262	19,907,041	21,255	667	21,922
KUALA LUMPUR	-	LABUAN	127,494	124,234	251,728	1,209,318	252,167	1,461,485	337,367	35,635	373,002
KUALA LUMPUR	-	LANGKAWI	554,939	563,814	1,118,753	660,298	27,316	687,614	109,899	51,864	161,763
KUALA LUMPUR	-	MIRI	295,335	296,286	591,621	2,947,911	552,566	3,500,477	141,449	-	141,449
KUALA LUMPUR	-	PULAU PINANG	683,811	700,121	1,383,932	3,777,255	4,327,248	8,104,503	486	630	1,116
KUALA LUMPUR	-	SINGAPURA	1,464,692	1,479,495	2,944,187	11,813,736	13,427,048	25,240,784	95,956	763,976	859,932
KUALA LUMPUR	-	SIBU	232,530	227,381	459,911	1,406,589	308,670	1,715,259	27,352	-	27,352
KUALA LUMPUR	-	TAWAU	214,981	224,231	439,212	1,254,711	2,747,244	4,001,955	152,363	-	152,363
PULAU PINANG	-	LANGKAWI	82,918	84,493	167,411	-	-	-	-	-	-
PULAU PINANG	-	SINGAPURA	437,777	432,102	869,879	2,860,201	8,595,585	11,455,786	-	-	-
KOTA KINABALU	-	JOHOR BHARU	118,023	119,056	237,079	42,057	25,969	68,026	-	-	-
KOTA KINABALU	-	TAWAU	232,645	232,833	465,478	325,179	1,093,178	1,418,357	254,869	71,805	326,674
KOTA KINABALU	-	LABUAN	65,716	63,849	129,565	318,332	56,685	375,017	26,452	30,498	56,950
KOTA KINABALU	-	LAHAD DATU	65,731	64,176	129,907	154,462	10,648	165,110	187,589	23,458	211,047
KOTA KINABALU	-	MIRI	118,641	118,013	236,654	274,846	58,701	333,547	164	478	642
KOTA KINABALU	-	SIBU	42,413	38,319	80,732	92,544	5,544	98,088	1,652	-	1,652
KOTA KINABALU	-	KUCHING	188,984	191,282	380,266	568,897	196,895	765,792	134	194,600	194,734
KOTA KINABALU	-	SINGAPURA	95,958	90,419	186,377	71,109	75,177	146,286	9	21,412	21,421
KUCHING	-	JOHOR BHARU	126,000	126,935	252,935	40,632	174,684	215,316	78	2	80
KUCHING	-	PULAU PINANG	66,408	65,630	132,038	-	-	-	-	-	-
KUCHING	-	SINGAPURA	157,143	155,908	313,051	8,929	564,024	572,953	-	3	3
BINTULU	-	MIRI	14,387	17,145	31,532	602	2,787	3,389	-	330	330
MIRI	-	LABUAN	7,346	6,915	14,261	-	-	-	-	-	-
MIRI	-	SIBU	4,443	4,718	9,161	-	-	-	-	-	-
SANDAKAN	-	TAWAU	17,454	16,430	33,884	5,623	2,060	7,683	-	2,063	2,063
LANGKAWI	-	SINGAPURA	70,346	66,261	136,607	1,471	140,429	141,900	-	-	-
MIRI	-	JOHOR BHARU	2,286	2,385	4,671	-	-	-	-	-	-

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

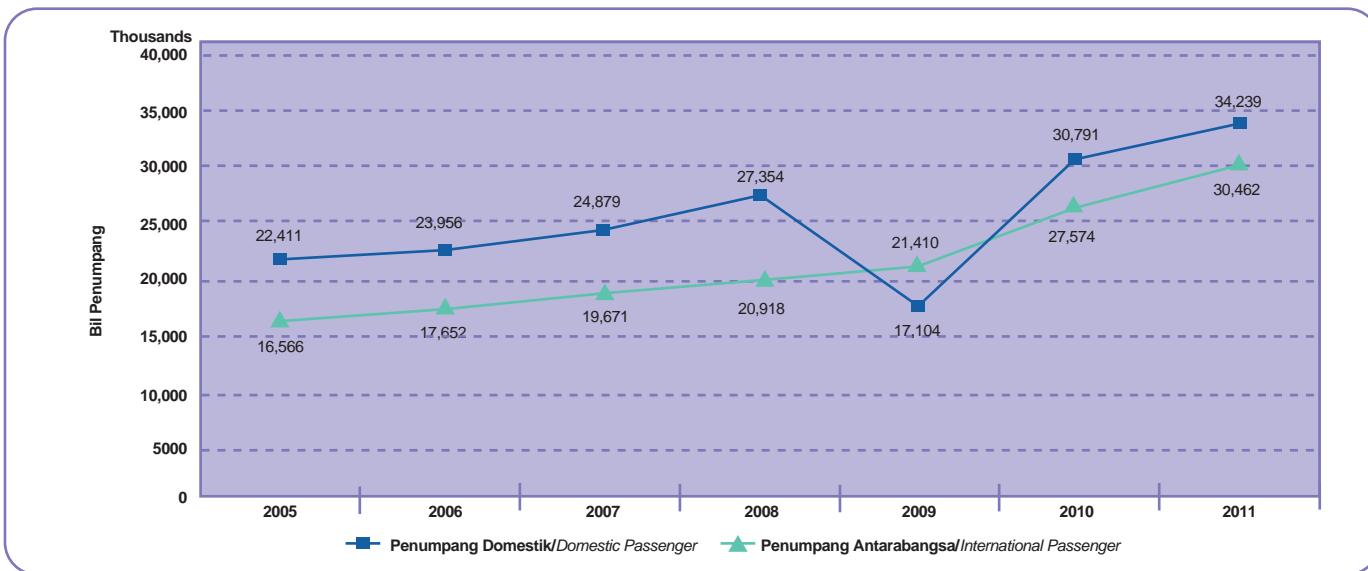
JADUAL 4.13 : PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2011
Table 4.13 : Traffic Movements for Rural Air Services, Sabah and Sarawak, 2011

SEKTOR <i>Sector</i>			PENUMPANG <i>Passenger</i>			KARGO (KG) <i>Cargo (kg)</i>			MEL (KG) <i>Mail (kg)</i>		
A	-	B	(A-B)	(B-A)	JUMLAH <i>Total</i>	(A-B)	(B-A)	JUMLAH <i>Total</i>	(A-B)	(B-A)	JUMLAH <i>Total</i>
SABAH											
BARIO	-	MARUDI	-	-	-	-	-	-	-	-	-
BELAGA	-	BINTULU	-	-	-	-	-	-	-	-	-
BINTULU	-	MUKAH	-	-	-	-	-	-	-	-	-
KOTA KINABALU	-	KUDAT	-	62	62	-	-	-	-	-	-
KOTA KINABALU	-	SANDAKAN	208,361	208,815	417,176	295,916	1,229,414	1,525,330	294,914	50,270	345,184
KOTA KINABALU	-	BINTULU	21,870	25,162	47,032	26,669	28,780	55,449	-	-	-
KUDAT	-	SANDAKAN	405	983	1,388	-	22	22	-	-	-
LAWAS	-	KOTA KINABALU	54	33	87	-	60	60	-	-	-
LIMBANG	-	KOTA KINABALU	-	-	-	-	-	-	-	-	-
MIRI	-	BARIO	630	610	1,240	-	-	-	-	-	-
SANDAKAN	-	TOMANGGONG	-	-	-	-	-	-	-	-	-
SANDAKAN	-	TAWAU	17,454	16,430	33,884	5,319	2,060	7,379	-	2,063	2,063
JUMLAH / Total			248,774	252,095	500,869	327,904	1,260,336	1,588,240	294,914	52,333	347,247
SARAWAK											
KUCHING	-	BINTULU	97,830	97,552	195,382	178,077	42,506	220,583	147,679	60,762	208,441
KUCHING	-	LABUAN	-	-	-	-	-	-	-	-	-
KUCHING	-	MIRI	222,595	210,635	433,230	607,208	124,610	731,818	5,919	11	5,930
KUCHING	-	SIBU	198,833	206,421	405,254	374,592	101,039	475,631	42,580	107	42,687
KUCHING	-	MUKAH	12,788	14,819	27,607	2,843	1	2,844	-	-	-
LAWAS	-	MIRI	2,091	2,204	4,295	-	-	-	-	-	-
LIMBANG	-	MIRI	2,514	3,416	5,930	-	-	-	-	-	-
LIMBANG	-	LAWAS	-	-	-	-	-	-	-	-	-
MARUDI	-	MIRI	1,390	1,462	2,852	-	-	-	-	-	-
MIRI	-	MULU	1,694	1,532	3,226	-	-	-	-	-	-
MIRI	-	SIBU	4,443	4,718	9,161	-	-	-	-	-	-
MUKAH	-	MIRI	363	332	695	-	-	-	-	-	-
MUKAH	-	SIBU	-	-	-	-	-	-	-	-	-
SIBU	-	BINTULU	16,888	12,831	29,719	5,887	306	6,193	822	-	822
JUMLAH / Total			561,429	555,922	1,117,351	1,168,607	268,462	1,437,069	197,000	60,880	257,880

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

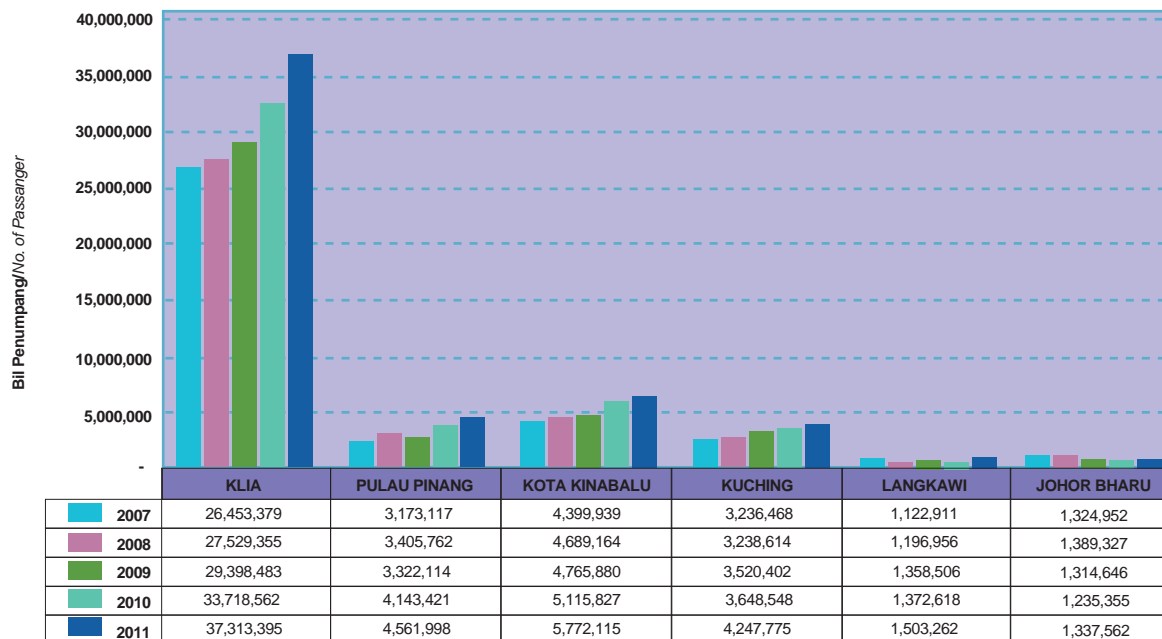
CARTA 4.1 : JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2005-2011

Chart 4.1 : Total Number of Domestic and International Passengers Handled by Airport, Malaysia, 2005-2011



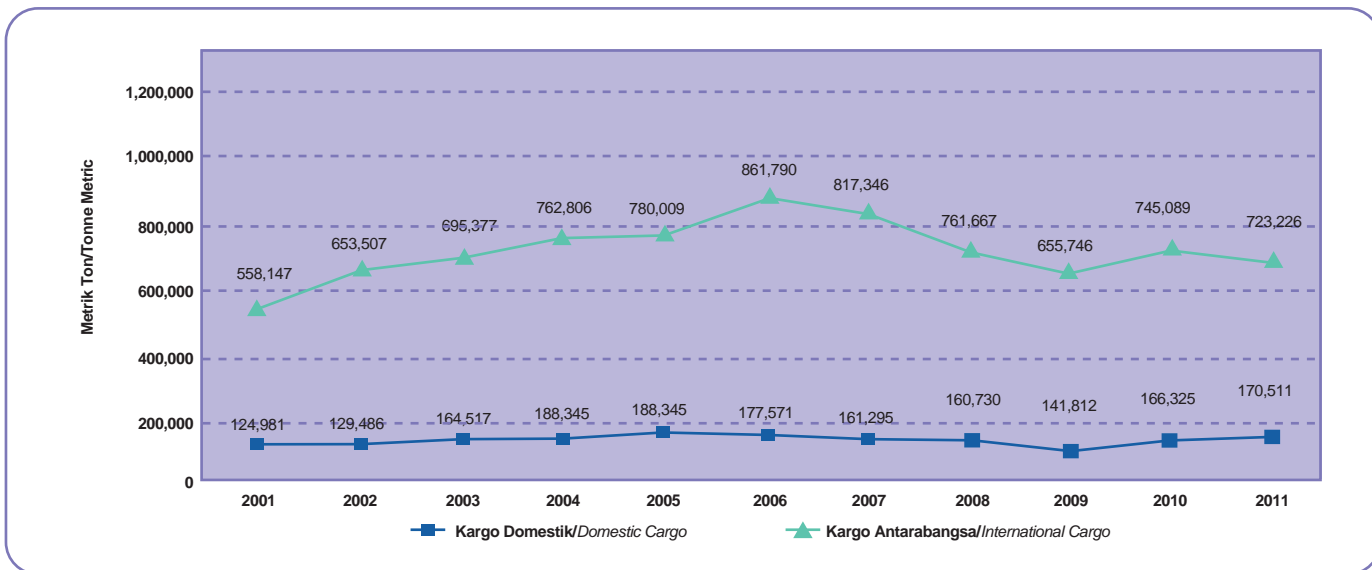
CARTA 4.2 : JUMLAH PENUMPANG YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2007 - 2011

Chart 4.2 : Total Passengers Handled by International Airports, Malaysia, 2007 - 2011



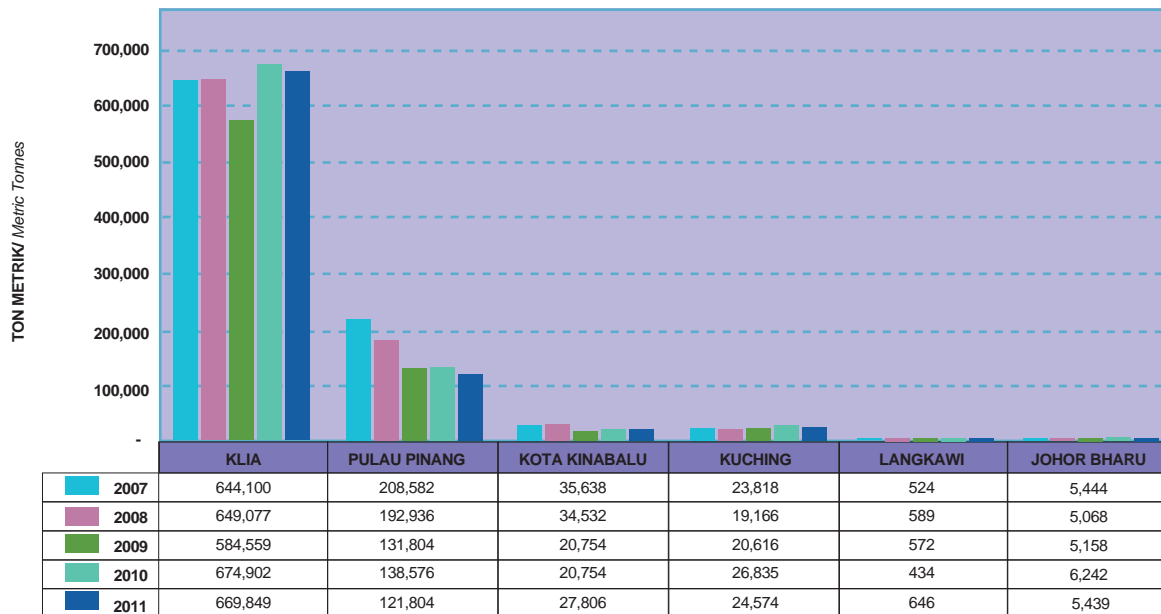
CARTA 4.3 : JUMLAH KARGO DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2001-2011

Chart 4.3: Total Domestic and International Cargo Handled by Airport, Malaysia, 2001-2011



CARTA 4.4 : JUMLAH KARGO YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2007 - 2011

Chart 4.4 : Total Cargo Handled by International Airports , Malaysia, 2007 - 2011





Kementerian Pengangkutan Malaysia
Blok D5, Kompleks D, Presint 1
Pusat Pentadbiran Kerajaan Persekutuan
62616 Putrajaya, MALAYSIA

No.Tel.: 03-8886 6000
No. Faks: 03-8889 1569
Website: www.mot.gov.my