



STATISTIK

PENGANGKUTAN MALAYSIA

TRANSPORT STATISTIC MALAYSIA

2015



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KATA PENGHANTAR

Preface



YBHG. DATUK SERI HJ. SARIPUDDIN BIN HJ. KASIM
KETUA SETIAUSAHA
KEMENTERIAN PENGANGKUTAN MALAYSIA
SECRETARY GENERAL
MINISTRY OF TRANSPORT MALAYSIA

Terlebih dahulu, saya ingin mengambil kesempatan ini untuk mengucapkan syabas dan taniah kepada semua pihak yang telah berusaha untuk menjayakan penerbitan Buku Statistik Pengangkutan Tahunan 2015. Buku laporan statistik pengangkutan ini mengandungi data perangkaan yang komprehensif, sedia diguna dan terkini yang meliputi kesemua jenis pengangkutan di Malaysia. Kesemua data yang diperolehi dikelaskan mengikut tiga mod pengangkutan iaitu pengangkutan darat yang meliputi pengangkutan jalan dan juga keretapi, maritim dan pengangkutan udara. Tujuan utama buku ini diterbitkan adalah bagi memberikan gambaran secara menyeluruh tentang arah aliran serta perkembangan sektor pengangkutan.

Adalah diharapkan Buku Statistik Pengangkutan ini dapat memberikan sedikit panduan atau rujukan yang berguna terutama kepada penggubal dasar, penyelidik, pelajar dan juga mereka yang berminat untuk mengetahui arah aliran dan perkembangan sektor pengangkutan di Malaysia.

Sebarang cadangan dan pandangan ke arah memperbaiki lagi penerbitan ini pada masa hadapan amat dihargai. Kementerian merakamkan setinggi-tinggi penghargaan di atas kerjasama semua pihak yang telah membekalkan maklumat untuk penerbitan ini.

First and foremost, I would like to thank everyone involved in the publication of the Malaysia Transport Statistics 2015. This transport statistics report consists of comprehensive, readily available and up-to-date statistical data on all modes of transport in Malaysia. Data are classified into three main modes of transport namely land transport (inclusive of road and rail transport), maritime transport and air transport. The objective of publishing this yearbook is to show the overall trend of the development of the transport sector.

It is hoped that this Transport Statistics Yearbook will serve as a useful guide to policy makers, researchers, students and those interested in knowing the trends and development of the transport sector in Malaysia.

Comments and suggestions towards improving future publications would be greatly appreciated. The Ministry gratefully acknowledges the co-operation of all parties concerned in providing information for this publication.

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Kementerian Kerja Raya
Ministry of Works

Polis Diraja Malaysia
Royal Malaysian Police

Jabatan Pengangkutan Jalan
Road Transport Department

Jabatan Laut Malaysia
Marine Department Malaysia

Keretapi Tanah Melayu Berhad
Malayan Railways Limited

Suruhanjaya Pengangkutan Awam Darat
Land Public Transport Commission

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

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

Lembaga Pelabuhan Klang
Klang Port Authority

Pelabuhan Tanjung Pelepas Sdn Bhd
Port of Tanjung Pelepas Sdn Bhd

Johor Port Berhad
Johor Port Berhad

Suruhanjaya Pelabuhan Pulau Pinang
Penang Port Commission

Lembaga Pelabuhan Kuantan
Kuantan Port Authority

Lembaga Pelabuhan Kemaman
Kemaman Port Authority

Bintulu Port Sdn Bhd
Bintulu Port Sdn Bhd

Sabah Port Sdn Bhd
Sabah Port Sdn Bhd

Lembaga Pelabuhan Kuching
Kuching Port Authority

Lembaga Pelabuhan Rajang
Rajang Port Authority

Lembaga Pelabuhan Miri
Miri Port Authority

Pelabuhan Tanjung Bruas
Tanjung Bruas Port

Malaysia Airport Holding Berhad
Malaysia Airports Holdings Berhad

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

Prasarana Malaysia Berhad
Prasarana Malaysia Berhad

Express Rail Link Sdn Bhd
Express Rail Link Sdn Bhd

GLOSARI AKRONIM

Glosary of Acronyms

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



PETA *Maps*



RANGKAIAN PENGANGKUTAN TRANSIT REL LEMBAH KLANG

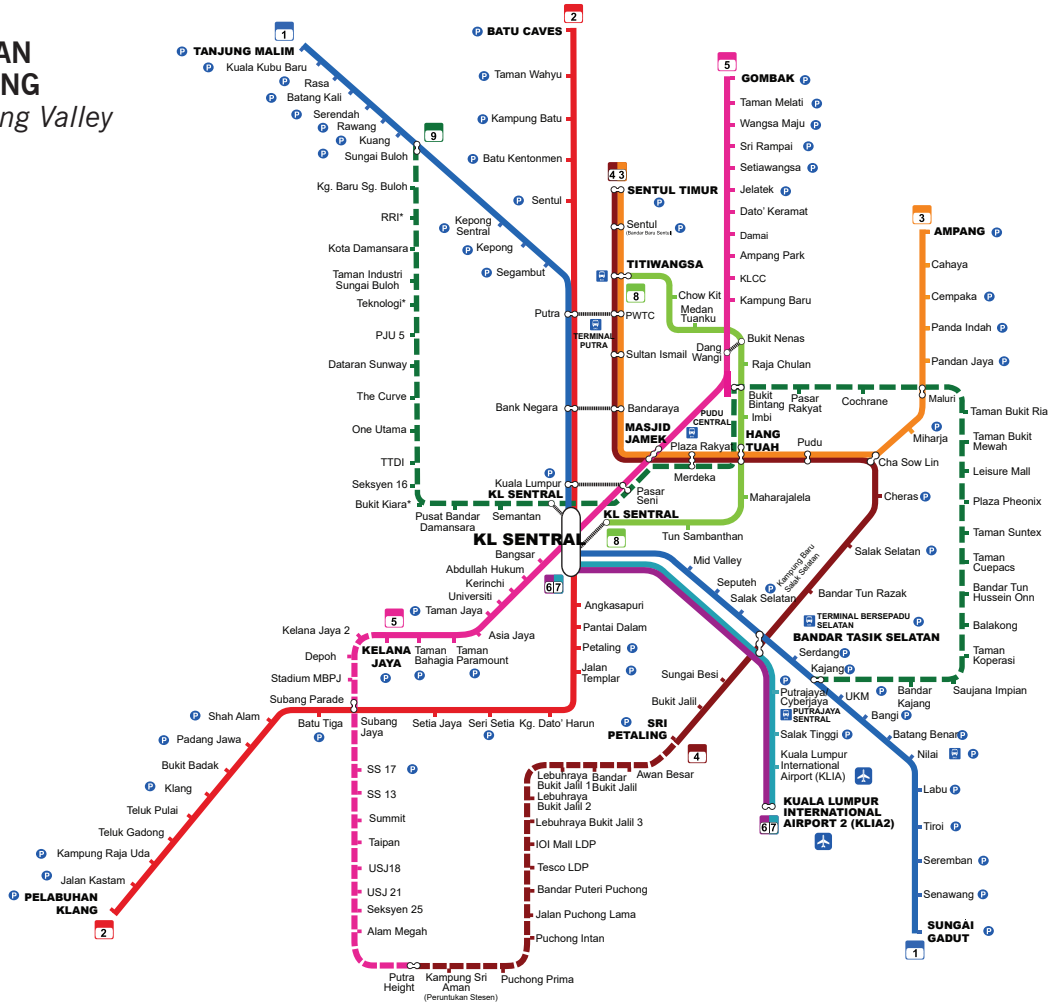
Rail Transport Network of Klang Valley

PETUNJUK / LEGEND

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

	Stesen Sambungan Connecting Station
	Stesen Pertukaran Interchange Station
	Terminal Rel Rail Terminal
	Dalam Pembinaan Under Construction
	Stesen Bas Antarabandar Under Construction
	Terminal Lapangan Terbang Airport Terminal
	Medan Kereta Park and Ride

* MRT LINE FUTURE STATION



RANGKAIAN PENGANGKUTAN REL SEMENANJUNG MALAYSIA

Rail Transport Network of Peninsular Malaysia

Route Length: 1,641 km

Track Gauge: 1,000 mm

No. of Stations: 136

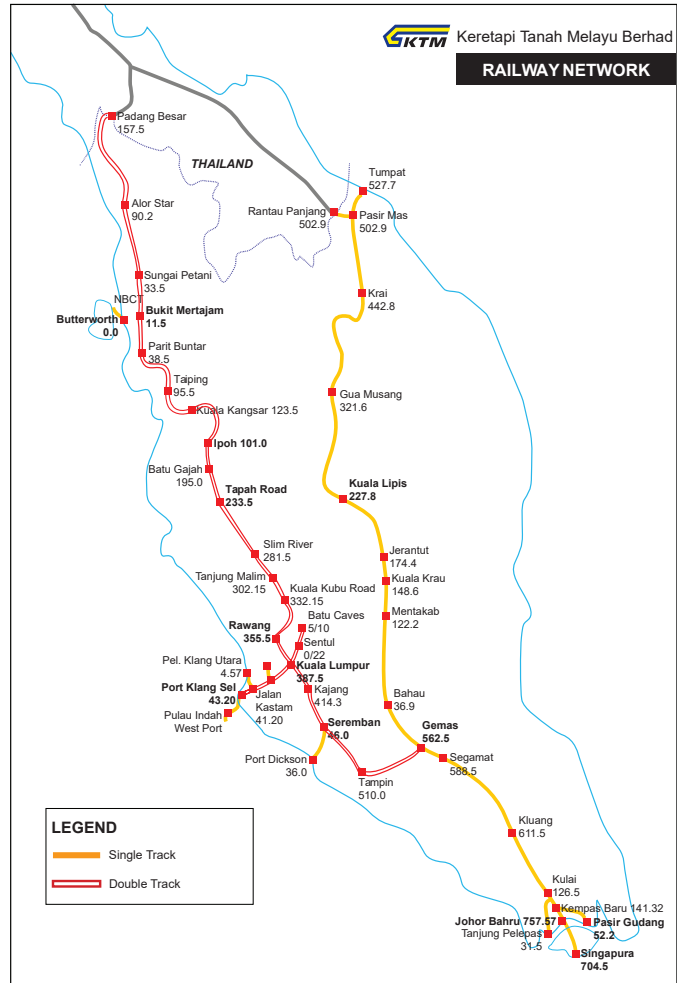
No. of Halts: 80

Electrified Double Track (EDT) (761 km):

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

Single Track at East Coast (749 km):

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



RANGKAIAN PENGANGKUTAN REL SABAH

Rail Transport Network of Sabah



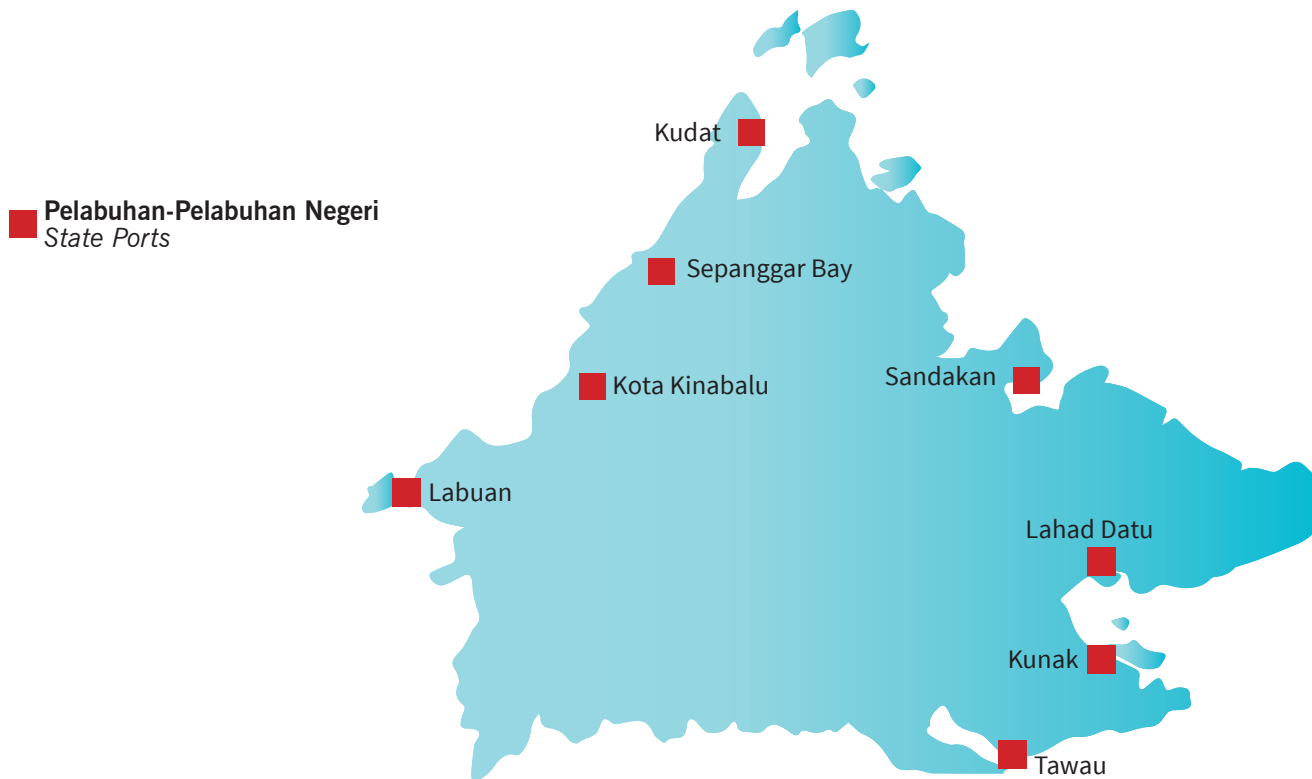
**LOKASI PELABUHAN-PELABUHAN
PERSEKUTUAN SEMENANJUNG MALAYSIA**
Federal Ports Location of Peninsular Malaysia

■ **Pelabuhan-Pelabuhan Persekutuan**
Federal Ports



LOKASI PELABUHAN-PELABUHAN NEGERI SABAH

State Ports Location of Sabah



LOKASI PELABUHAN PERSEKUTUAN DAN PELABUHAN-PELABUHAN NEGERI SARAWAK

Federal and State Ports Location of Sarawak

■ Pelabuhan Persekutuan
Federal Ports

■ 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





PENGANGKUTAN DARAT

Land Transport



JADUAL 1.11 : BILANGAN LESEN YANG DIKELUARKAN MENGIKUT KELAS LESEN, MALAYSIA, 2006-2015
Table 1.11 : Number of Licenses Issued by Class of Licenses, Malaysia, 2006-2015

JENIS KENDERAAN <i>Type of Vehicle</i>	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
BAS / Busses										
BERHENTI-HENTI / <i>Stage</i>	361	540	513	385	259	636	93	330	250	487
EKSPRES / <i>Express</i>	60	356	389	328	332	142	161	181	176	140
MINI / <i>Mini</i>	-	11	12	121	18	211	39	24	14	19
PEKERJA / <i>Employees</i>	128	361	675	255	429	12	431	603	515	506
PENGANTARA / <i>Feeder</i>	14	-	58	127	66	591	2	7	6	6
CATAR / <i>Chartered</i>	5	19	378	181	232	12	66	28	9	12
SEKOLAH / <i>School</i>	299	846	1,423	1,129	1,074	927	853	924	959	881
JUMLAH KECIL Sub Total	867	2,133	3,448	2,526	2,410	2,531	1,645	2,097	1,929	2,051
LORI / Lorry										
"A"	3,875	12,492	14,913	16,152	16,118	14,664	12,992	13,599	13,914	12,584
"C"	554	1,746	2,061	2,464	2,614	2,250	2,357	2,987	2,967	2,912
JUMLAH KECIL Sub Total	4,429	14,238	16,974	18,616	18,732	16,914	15,349	16,586	16,881	15,496
TEKSI / Taxi										
SEWA / <i>Hire</i>	43	257	255	1,221	1,075	127	228	76	36	38
SEWA PANDU SENDIRI / <i>Hire & Drive</i>	1,709	1,155	1,388	3,139	1,680	1,545	2,635	603	333	194
TEKSI / <i>Taxi</i>	237	689	624	2,945	4,993	945	2,486	1,233	1,209	605
LAPANGAN TERBANG / <i>Airport</i>	360	228	498	198	136	68	9	10	5	29
LIMOUSIN / <i>Limousine</i>	25	292	131	97	60	4,965	148	48	59	78
JUMLAH KECIL Sub Total	2,374	2,621	2,896	7,600	7,944	7,650	5,506	1,970	1,642	944
JUMLAH KESELURAHAN Grand Total	7,670	18,992	23,318	28,742	29,086	27,095	22,500	20,653	20,452	18,491

SUMBER: LEMBAGA PERLESENAN KENDERAAN PERDAGANGAN, SURUHANJAYA PENGANGKUTAN AWAM DARAT
Source: Commercial Vehicles Licensing Board, Land Public Transport Commission
TAHUN 2012 DAN 2013 TIDAK TERMASUK SARAWAK
Excluding Sarawak in year 2012 and 2013

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2006 - 2015
Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2006 - 2015

BIL No	STESEN Station	KM	LOKASI Location	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PERAK													
1	AR 101	106.6	Ipoh - Tanjung Malim (Slim River toll house)	13,555	15,028	13,854	15,038	15,322	14,039	14,431	15,328	16,501	16,736
2	AR 204	78.9	Ipoh - Lumut	20,907	20,778	21,138	23,920	22,389	23,758	25,283	25,942	23,834	26,494
3	AR 301	35.9	Ipoh - Kampar	24,314	23,262	23,050	23,659	31,022	30,311	27,497	28,520	27,126	30,592
4	AR 303	5.6	Ipoh - Gopeng	62,597	64,866	71,205	79,513	84,135	73,487	85,819	77,195	78,210	78,136
5	AR 501	30.4	Ipoh - Kuala Kangsar (500m north of Sg. Siput town)	15,399	17,142	18,036	19,085	19,426	22,500	19,251	20,478	18,578	19,895
6	AR 601	79.7	Ipoh - Batu Hampar - Changkat Jering	10,208	11,989	16,091	16,752	14,128	11,726	19,410	20,588	19,881	20,664
7	AR 603	82.1	Ipoh - Changkat Jering - Semanggol	15,728	15,574	10,034	7,076	10,270	18,646	12,586	12,938	12,531	12,949
8	AR 703	106.3	Ipoh - Teluk Intan - Simpang Empat	23,258	14,351	24,244	25,159	25,365	25,004	28,465	25,489	25,865	27,249
9	AR 801	96.6	Ipoh - Kuala Kangsar - Gerik	4,169	5,319	2,509	2,715	1,724	3,110	3,562	3,487	2,826	3,139
10	AR 803	2.4	Lebuh Raya Timur - Barat	2,906	2,846	2,945	3,078	3,337	3,148	3,944	3,796	3,636	3,293
SELANGOR													
11	BR 102	3.5	Klang - Port Klang (Jalan Watson)	35,132	42,452	47,817	46,690	52,901	53,983	57,835	56,513	52,563	49,706
12	BR 108	-	300m From The Federal Highway's Junction - North Klang Straits Bypass	109,893	115,023	129,408	122,468	141,121	135,678	140,780	143,223	136,424	131,348
13	BR 203	48.3	Klang - Morib - Batu Laut	6,709	6,324	6,711	7,023	7,101	6,852	7,128	7,777	7,741	7,890
14	BR 405	45.1	Kuala Lumpur - Kepong - Kuala Selangor	21,287	20,631	19,991	20,938	22,822	23,003	23,648	21,278	22,618	21,611
15	BR 501	72.1	Klang - Sabak Bernam	17,455	18,224	17,977	19,773	20,466	21,743	23,370	22,174	22,443	20,838
16	BR 604	21.7	Kuala Lumpur - Kajang	56,808	42,272	57,286	58,929	56,609	57,591	53,689	59,023	54,222	48,737
17	BR 701	58.6	Kuala Lumpur - Kuala Kubu Baru junction (south of junction)	9,896	9,723	12,307	13,209	18,293	13,430	13,320	15,082	15,022	15,538
18	BR 902	19.0	Kuala Lumpur - Karak Highway	141,362	159,324	137,870	150,213	129,345	144,334	151,486	147,449	144,308	129,579
PAHANG													
19	CR 102	67.0	Kuala Lumpur-Kuantan (along KL-Karak Highway)	19,707	21,061	20,703	22,224	28,109	27,653	28,470	26,509	28,300	30,436
20	CR 403	233.0	Kuantan-Maran	22,293	24,565	23,395	26,064	28,248	29,142	31,138	31,416	31,876	29,856
21	CR 410	32.5	Kuantan-Kemaman	18,840	21,337	20,260	22,249	22,079	23,278	22,911	21,601	22,995	20,827
22	CR 503	282.0	Kuala Lumpur-Kuala Lipis - Kampung Padang Tuanku-Kota Bharu *	6,134	6,427	6,609	6,159	6,253	7,053	7,513	6,985	7,319	8,063
23	CR 603	3.0	Pekan-Nenasi	6,513	6,902	5,746	7,783	8,650	9,761	10,319	11,563	11,535	10,741
24	CR 801	115.0	Kuantan-Karak	11,003	12,106	11,567	11,614	11,771	11,597	13,281	13,328	15,673	14,874
25	CR 805	189.0	Kuantan-Maran	6,832	6,855	6,587	6,761	6,980	8,049	7,088	6,952	6,714	6,369
26	CR 902	-	Kuantan-Segamat (400m. Bkt. Ibam-Rompin junction north bound)	6,634	6,721	7,316	11,634	8,102	8,427	9,545	8,763	9,314	9,985

SUMBER: KEMENTERIAN KERJA RAYA
Source: Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2006-2015 (SAMB.)

Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2006-2015 (Cont'd)

BIL No	STESEN Station	KM	LOKASI Location	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
KELANTAN													
27	DR 201	19.3	Kota Bharu - Melor	22,900	35,931	30,698	43,222	31,602	37,939	42,433	32,263	26,043	39,257
28	DR 603	6.1	Km Lebuh raya Timur-Barat	4,807	5,090	5,224	5,296	5,440	5,863	6,275	6,029	6,141	4,718
29	DR 802	61.5	Kota Bharu - Kuala Krai	16,932	18,828	18,707	19,521	20,632	22,308	23,381	21,200	22,523	23,345
JOHOR													
30	JR 101	142.0	Johor Bahru - Batu Pahat - Muar	11,086	11,727	10,736	12,735	11,162	11,711	14,847	18,659	15,491	13,321
31	JR 104	127.2	Johor Bahru - Yong Peng - Muar	17,891	24,014	32,094	33,381	25,916	40,092	23,361	34,672	32,757	25,310
32	JR 108	116.0	Johor Bahru - Segamat	11,281	12,263	12,557	12,869	12,262	13,025	12,369	11,628	11,521	11,985
33	JR 205	12.7	Johor Bahru - Skudai	199,433	187,687	154,952	218,035	221,084	213,390	162,454	189,292	191,427	178,012
34	JR 218	-	1000m east junction to Masai	45,330	42,184	43,457	46,426	49,309	40,428	47,563	26,552	26,502	29,045
35	JR 305	76.0	Johor Bahru - Ayer Hitam	15,248	15,381	14,708	15,261	14,810	14,894	15,398	13,911	15,847	17,359
36	JR 306	49.5	Batu Pahat - Ayer Hitam - Kluang	31,429	30,231	33,897	33,572	34,964	36,952	39,674	38,053	38,366	41,632
37	JR 404	38.6	Johor Bahru - Kota Tinggi	19,289	19,506	19,417	19,182	20,302	20,106	23,273	22,103	19,750	19,745
38	JR 501	135.2	Johor Bahru - Endau (2.4km north of Mersing town)	17,332	18,563	17,192	16,688	15,598	13,445	13,411	14,412	14,391	14,672
39	JR 503	111.1	Johor Bahru - Kota Tinggi - Jemaluang (500 m south of Jemaluang)	4,049	4,247	4,246	4,477	4,633	4,481	4,490	4,720	4,143	2,656
40	JR 702	60.0	Johor Bahru - Pontian Kecil - Pontian Besar (near Pontian Hospital)	20,095	13,926	17,789	14,480	14,406	12,125	16,772	15,061	14,678	15,945
41	JR 801	199.5	Johor Bahru - Segamat - Batu Anam	12,282	13,880	14,145	14,648	15,237	15,781	15,875	16,826	16,800	17,751
KEDAH													
42	KR 202	20.6	Alor Setar - Changlun	37,853	37,093	51,314	34,715	30,402	32,311	42,822	47,474	34,003	36,660
43	KR 401	70.8	Alor Setar - Sungai Petani - Butterworth	21,067	20,596	16,123	19,052	24,002	22,195	23,141	23,971	23,672	24,779
44	KR 501	29.0	Alor Setar - Sungai Petani	20,396	21,206	17,586	19,169	19,387	19,618	19,249	18,853	17,797	19,854
MELAKA													
45	MR 206	22.9	Melaka - Muar	24,404	19,090	14,057	15,501	15,679	16,426	17,044	16,779	17,112	17,182
46	MR 301	25.0	Melaka - Kendong	9,971	10,761	11,057	9,986	11,472	11,465	11,170	15,715	15,665	16,885
47	MR 313	43.5	Melaka - Lubok Cina	7,255	8,730	8,179	7,709	7,858	8,064	8,480	9,097	9,013	11,202

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works

JADUAL 1.12 : PURATA TRAFIK HARIAN (ADT) DI 63 LOKASI, SEMENANJUNG MALAYSIA, 2006–2015 (SAMB.)

Table 1.12 : Average Daily Traffic (ADT) at 63 Locations, Peninsular Malaysia, 2006-2015 (Cont'd)

BIL No	STESEN Station	KM	LOKASI Location	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NEGERI SEMBILAN													
48	NR 304	21.7	Seremban - Port Dickson	47,909	58,328	68,327	67,092	65,580	46,201	54,394	59,864	62,112	57,613
49	NR 403	42.7	Seremban - Tampin	13,074	13,456	12,990	13,073	12,690	12,565	12,832	12,645	11,459	12,465
50	NR 501	20.0	Seremban - Kuala Lumpur	14,844	15,418	14,329	12,530	12,052	11,964	11,397	10,671	11,810	11,870
51	NR 505	9.3	Seremban - Tampin (500 m outside town area)	39,714	38,284	38,197	33,697	35,708	38,378	57,639	50,484	48,002	47,976
PULAU PINANG													
52	PR 116	16.9	Butterworth - Taiping	50,151	47,787	53,451	56,601	56,349	60,230	56,932	64,993	48,588	65,716
53	PR 201	11.1	Georgetown - Teluk Bahang (Jln. Keliling Pulau)	22,884	23,061	24,392	24,799	27,334	26,085	28,442	27,106	28,419	24,774
54	PR 203	57.2	Georgetown - Bayan Lepas - Gelugor (Jln. Keliling Pulau)	41,843	40,757	43,232	47,285	50,776	50,950	59,900	62,207	63,049	62,464
PERLIS													
55	RR 105	3.2	Kangar - Alor Setar (Melalui Simpang Empat)	19,859	21,018	20,769	21,321	21,758	23,234	25,577	26,155	25,092	27,257
KUALA TERENGGANU													
56	TR 103	61.5	K. Terengganu - Jerteh - Kota Bharu	19,007	18,384	23,357	21,313	24,196	25,551	27,325	27,066	19,490	23,584
57	TR 202	78.9	K. Terengganu - Dungun - Kemaman	20,955	25,215	23,463	29,051	28,602	30,035	27,856	29,864	28,124	28,171
58	TR 305	48.0	Kuantan - K. Terengganu (Jln. Jabor-Jerangau)	4,079	5,116	5,363	5,381	5,590	6,553	7,566	8,036	7,667	4,105
59	TR 402	17.0	K. Terengganu - Kuantan	24,524	39,230	24,933	24,852	25,887	27,451	29,532	31,227	31,686	24,887
60	TR 502	33.0	K. Terengganu - Kg. Ajil - Jerangau	12,216	10,838	13,132	14,701	14,695	12,649	10,092	8,715	8,739	9,561
KUALA LUMPUR													
61	WR 102	12.1	Kuala Lumpur - Ipoh	150,874	158,754	161,161	214,746	277,797	276,092	252,341	253,179	214,760	211,188
62	WR 103	8.1	Kuala Lumpur - Ipoh	206,484	203,986	205,867	194,287	196,796	209,224	203,277	216,424	192,223	162,596
63	WR 105	8.1	Kuala Lumpur - Seremban Expressway	244,417	258,867	229,713	213,522	201,260	192,649	213,161	206,140	219,336	221,066

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works

JADUAL 1.13 : PURATA TRAFIK HARIAN (ADT) DI 16 LOKASI, SABAH DAN SARAWAK, 2006-2015

Table 1.13 : Average Daily Traffic (ADT) at 16 Locations, Sabah and Sarawak, 2006-2015

BIL No	STESEN Station	KM	LOKASI Location	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
SABAH													
1	HR 101	4.8	Beaufort - Sindumin	7,042	10,773	7,454	4,811	4,924	5,965	5,422	5,694	6,508	6,710
2	HR 104	9.0	Tenom - Toman - Bekuku Highway	4,196	3,879	4,566	4,566	4,294	4,425	2,123	2,450	2,378	2,299
3	HR 201	22.5	Kota Kkinabalu - Papar	3,541	4,932	6,453	7,968	9,370	11,791	14,491	14,406	15,329	15,786
4	HR 202	8.1	Donggongan - Tambunan	4,751	4,685	3,578	3,701	3,835	3,881	3,353	3,839	4,478	4,105
5	HR 204	69.0	Kota Kinabalu - Kudat (100mm From Longtigi Junction)	7,913	11,695	9,855	9,450	11,189	11,138	9,953	13,909	11,923	12,388
6	HR 501	31.4	Tawau - Semporna	10,938	17,009	16,850	9,407	10,074	10,035	10,455	10,327	10,229	11,508
7	HR 504	14.5	Sg. Segama Crossing	7,140	7,423	6,987	6,781	8,294	8,691	7,641	9,407	8,739	6,335
8	HR 506	68.0	20km from Semporna towards Tawau	1,670	3,231	2,585	2,663	2,711	3,074	2,742	2,704	3,087	2,310
9	HR 507	82.0	Tawau - Sandakan (Near Kunak Junction)	7,820	8,170	7,168	8,600	11,141	11,633	9,706	7,831	7,699	6,700
SARAWAK													
10	SR 101	16.1	Bau - Semantan	2,457	2,779	3,188	3,143	3,091	3,504	5,780	3,512	3,582	4,090
11	SR 103	27.4	Kucing - Serian	22,781	21,071	22,225	24,564	30,616	31,112	32,889	27,987	32,808	34,874
12	SR 401	20.0	Bintulu - Sibiu	6,779	6,240	7,250	9,808	10,957	14,520	4,342	4,476	5,125	5,841
13	SR 402	29.0	Bintulu - Miri	4,828	4,771	5,924	7,880	8,507	4,178	5,355	9,139	8,677	7,452
14	SR 403	6.2	Miri - Bintulu (before junction to Airport)	10,345	6,882	9,984	11,060	10,506	12,211	11,805	10,865	10,887	12,329
15	SR 503	1.6	Limbang - Brunei Border (Sg.Padaruan)	16,317	15,830	16,319	14,141	19,032	13,519	11,014	12,742	11,150	12,807
16	SR 504	1.6	Lawas - Trusan	3,935	5,235	4,519	5,139	3,653	6,683	6,448	7,243	7,200	7,912

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works

JADUAL 1.14 : KOMPOSISI TRAFIK (%) MENGIKUT JENIS KENDERAAN DI 14 STESEN TERPILIH, MALAYSIA, 2015

Table 1.14 : Traffic Composition (%) by Type of Vehicle at 14 Selected Stations, Malaysia, 2015

BIL No	STESEN Station	LOKASI Location	16 JAM TRAFIK 16 Hours Traffic	JENIS KENDERAAN Type of Vehicle					
				KERETA/ TEKSI Car/ Taxi	LORI KECIL Light Lorry	LORI SEDERHANA Medium Lorry	LORI BESAR Heavy Lorry	BAS Bus	MOTOSIKAL Motorcycle
SEMENANJUNG MALAYSIA <i>Peninsular Malaysia</i>									
1	JR 204	Johor Bahru - Kulai	108,858	72.9	7.2	4.0	3.2	2.3	10.4
2	JR 501	Johor Bahru - Endau	14,672	53.9	6.5	5.6	3.2	0.8	30.1
3	NR 501	Seremban - Kuala Lumpur	11,870	59.8	8.9	7.4	4.7	0.5	18.6
4	PR 115	Butterworth - Taiping	42,148	56.5	6.3	6.4	2.5	0.7	27.6
5	AR 301	Ipoh - Kampar	30,592	65.1	7.5	8.1	4.5	1.1	13.7
6	KR 501	Alor Setar - Sungai Petani	19,854	57.0	6.2	6.5	4.2	0.5	25.6
7	CR 805	Kuantan - Maran	6,369	59.5	11.8	8.8	6.6	0.6	12.8
8	CR 902	Persimpangan Bukit Iban - Rompin Di Lebuah Raya Kuantan - Segamat	9,985	54.9	19.2	7.0	7.5	0.5	10.9
9	TR 402	Kuala Terengganu - Kuantan	24,887	68.1	6.8	3.0	0.7	0.7	20.7
10	DR 802	Kota Bharu - Kuala Krai	23,345	54.7	19.2	7.5	2.8	0.7	15.1
SABAH									
11	HR 201	Kota Kinabalu - Papar	15,786	56.3	26.6	6.3	3.6	0.8	6.4
12	HR 501	Tawau - Semporna	11,508	32.6	37.2	12.9	7.4	1.2	8.7
SARAWAK									
13	SR 103	Kuching - Serian	34,874	50.0	15.3	9.3	7.4	0.9	17.0
14	SR 402	Bintulu - Miri	7,452	35.2	37.1	7.0	13.1	1.3	6.3

SUMBER: KEMENTERIAN KERJA RAYA

Source: Ministry of Works

JADUAL 1.15 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2006-2015*Table 1.15 : Total Road Accidents by States, Malaysia, 2006-2015*

NEGERI State	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PERLIS	1,160	1,364	1,417	1,633	1,548	1,791	1,881	1,895	1,888	1,861
KEDAH	15,505	16,172	16,520	17,701	17,966	19,699	19,935	20,228	20,159	22,016
PULAU PINANG	32,573	33,881	34,049	33,719	34,306	37,158	37,851	39,361	38,747	39,856
PERAK	27,432	29,203	30,539	32,327	32,072	33,506	34,714	35,408	35,131	36,736
SELANGOR	92,632	99,157	100,380	107,429	115,565	128,876	129,106	135,024	137,809	140,957
W.P. KUALA LUMPUR	46,254	49,454	48,671	51,942	53,493	58,795	61,872	64,527	63,535	64,664
NEGERI SEMBILAN	15,197	16,079	17,362	18,369	19,407	21,157	22,146	23,066	23,748	22,939
MELAKA	10,707	11,720	12,105	13,275	14,110	14,720	15,195	16,083	16,375	17,069
JOHOR	43,757	46,584	48,667	51,747	55,381	59,501	62,316	64,600	64,473	67,112
PAHANG	13,242	13,982	15,629	17,068	17,315	19,001	20,554	20,130	19,071	19,635
KELANTAN	7,337	8,116	8,842	9,549	9,707	9,603	9,968	9,748	10,326	9,960
TERENGGANU	7,098	8,155	8,814	10,118	10,106	10,684	10,861	10,996	9,383	10,381
SABAH	13,550	14,256	14,588	15,798	16,192	16,585	17,446	17,438	17,858	17,290
SARAWAK	14,808	15,196	15,488	16,655	17,253	17,964	18,578	18,700	17,693	19,130
JUMLAH Total	341,252	363,319	373,071	397,330	414,421	449,040	462,423	477,204	476,196	489,606

SUMBER: CAWANGAN TRAFIK BUKIT AMAN*Source: Traffic Branch Bukit Aman*

**JADUAL 1.16 : JUMLAH KENDERAAN YANG TERLIBAT DALAM KEMALANGAN JALAN RAYA MENGIKUT
JENIS KENDERAAN, MALAYSIA, 2006-2015**

Table 1.16 : Total Motor Vehicles Involved in Road Accidents by Type of Vehicle, Malaysia, 2006-2015

TAHUN Year	MOTOSIKAL Motorcycle	MOTOKAR Motocar	VAN Van	BAS Bus	LORI Lorry	PEMACU 4 RODA Four Wheel Drive	TEKSI Taxi	BASIKAL Bicycle	LAIN-LAIN Others	JUMLAH Total
2006	104,107	411,444	20,428	9,700	44,767	20,885	7,751	2,834	12,266	634,182
2007	111,765	426,941	21,109	10,285	47,696	21,823	8,809	2,690	14,909	666,027
2008	111,819	435,665	20,392	9,356	48,250	22,793	8,769	2,463	11,571	671,078
2009	113,962	472,307	19,220	9,380	46,724	23,581	8,669	2,486	9,294	705,623
2010	120,156	511,861	18,788	9,580	50,438	25,777	9,899	2,178	11,756	760,433
2011	129,017	546,702	17,916	9,986	53,078	30,828	11,197	2,033	16,394	817,151
2012	130,080	655,813	15,143	10,617	42,158	32,891	11,680	1,310	21,540	921,232
2013	121,700	632,602	17,148	10,123	39,276	52,512	11,651	1,370	15,441	901,823
2014	125,712	617,578	15,041	9,193	37,481	41,464	10,856	1,275	27,743	886,343
2015	123,408	625,758	14,565	8,804	34,942	46,163	9,591	1,119	29,924	894,274

SUMBER: CAWANGAN TRAFIK BUKIT AMAN

Source: Traffic Branch Bukit Aman

JADUAL 1.17 : JUMLAH KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT TAHUN DAN NEGERI, MALAYSIA, 2006–2015

Table 1.17 : Total Deaths Caused by Road Accidents by Year and States, Malaysia, 2006-2015

NEGERI State	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
PERLIS	63	41	69	90	66	79	71	72	61	65
KEDAH	494	492	496	550	532	515	548	517	525	530
PULAU PINANG	381	376	354	395	370	392	400	381	378	360
PERAK	726	811	829	829	820	811	753	770	750	726
SELANGOR	1,050	1,025	1,083	976	1,061	1,070	1,102	1,019	1,068	1,028
W.P. KUALA LUMPUR	255	234	237	230	233	236	249	243	238	256
NEGERI SEMBILAN	337	320	389	377	399	374	352	396	379	355
MELAKA	232	227	243	248	235	240	243	258	236	256
JOHOR	1,017	1,023	1,065	1,060	1,076	1,073	1,073	1,128	1,018	1,040
PAHANG	451	437	446	512	574	563	540	592	539	532
KELANTAN	331	374	380	453	380	392	392	378	354	426
TERENGGANU	307	290	293	348	314	292	301	320	276	307
SABAH	296	316	325	345	447	398	450	420	420	392
SARAWAK	347	316	318	332	365	442	443	421	432	433
JUMLAH Total	6,287	6,282	6,527	6,745	6,872	6,877	6,917	6,915	6,674	6,706

SUMBER: CAWANGAN TRAFIK BUKIT AMAN

Source: Traffic Branch Bukit Aman

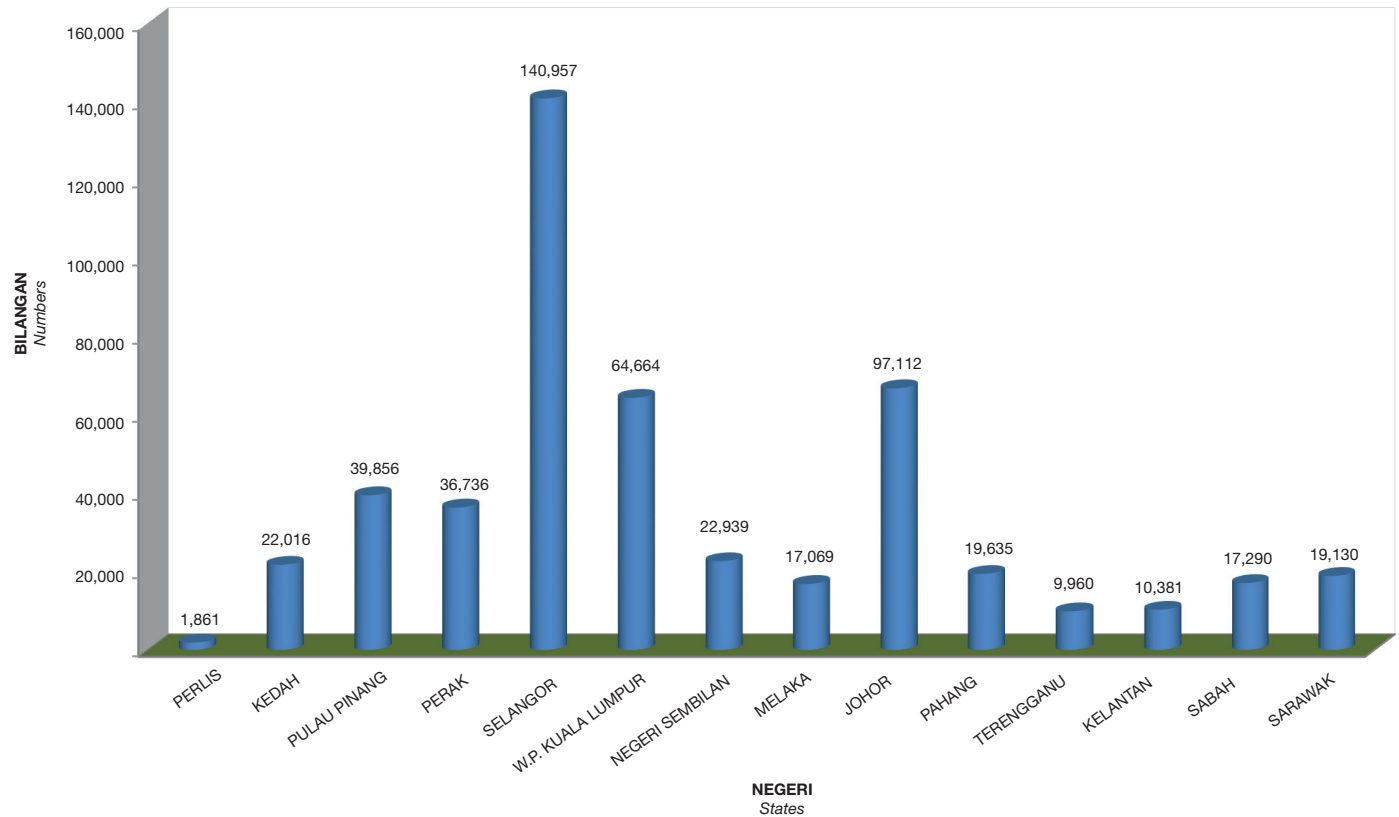
JADUAL 1.18 : JUMLAH KECEDEeraan DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2006–2015*Table 1.18 : Total Casualties and Damages Caused by Road Accidents, Malaysia, 2006-2015*

TAHUN Year	JUMLAH KEMALANGAN Total Number of Accidents	KECEDEeraan DAN KEMATIAN Casualties			
		MATI Death	PARAH Serious	RINGAN Minor	JUMLAH Total
2006	341,252	6,287	9,253	19,885	35,425
2007	363,319	6,282	9,273	18,444	33,999
2008	373,071	6,527	8,868	16,879	32,274
2009	397,330	6,745	8,849	15,823	31,417
2010	414,421	6,872	7,781	13,616	28,269
2011	449,040	6,877	6,328	12,365	25,570
2012	462,423	6,917	5,868	11,654	24,439
2013	477,204	6,915	4,597	8,388	19,900
2014	476,196	6,674	4,432	8,598	19,704
2015	489,606	6,706	4,120	7,432	18,258

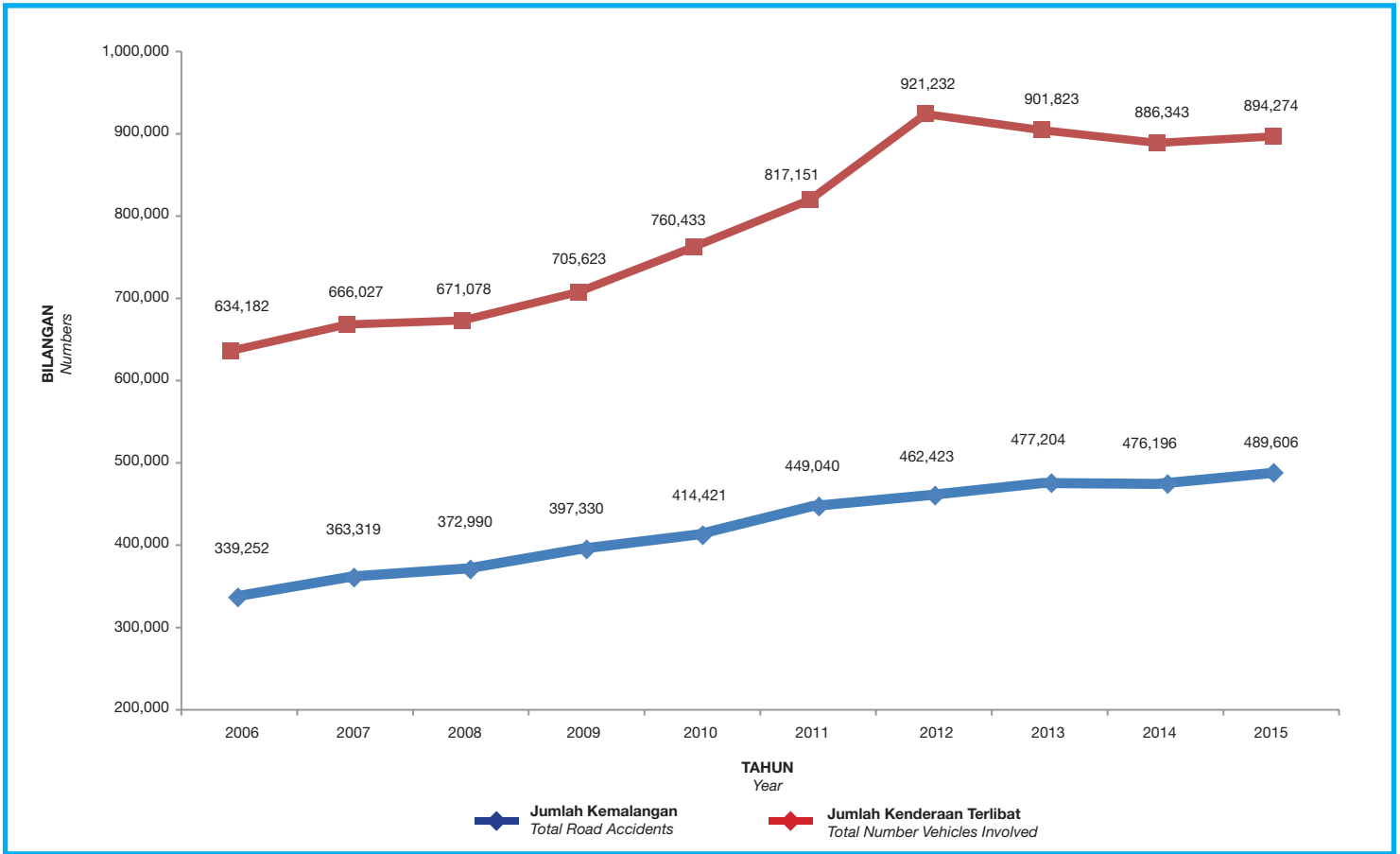
SUMBER: CAWANGAN TRAFIK BUKIT AMAN*Source: Traffic Branch Bukit Aman*

CARTA 1.5 : JUMLAH KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2015

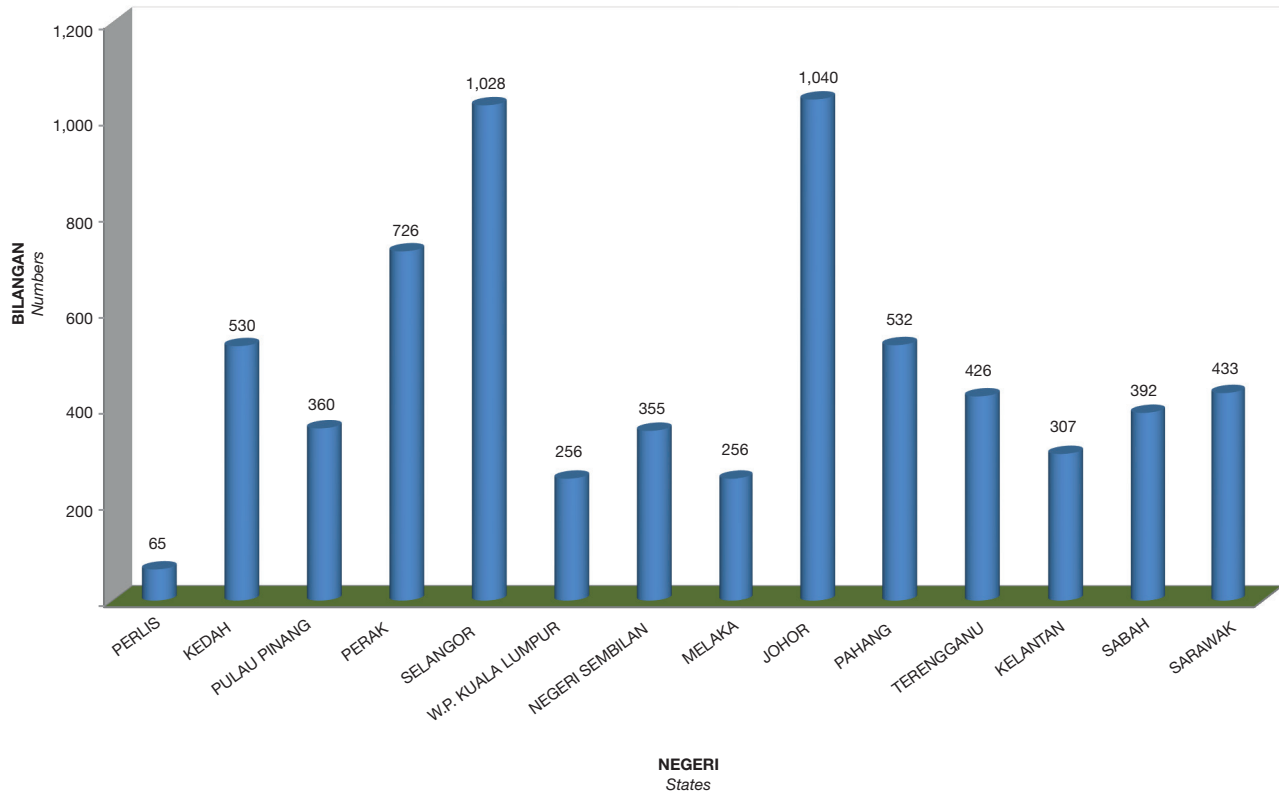
Chart 1.5 : Total Road Accidents by States, Malaysia, 2015



CARTA 1.6 : JUMLAH KEMALANGAN JALAN RAYA DAN KENDERAAN TERLIBAT, MALAYSIA, 2006-2015
Chart 1.6 : Total Road Accidents and Motor Vehicles Involved, Malaysia, 2006-2015

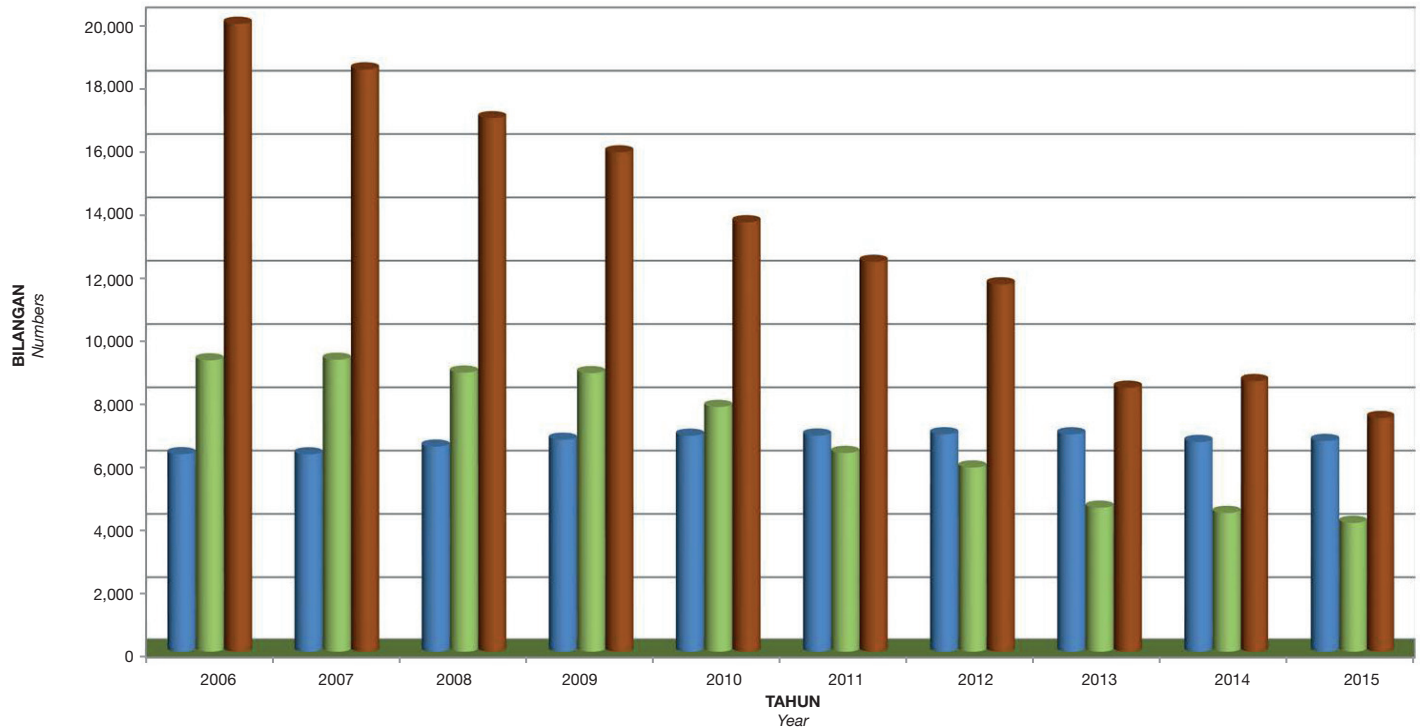


CARTA 1.7: KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI, MALAYSIA, 2015
Chart 1.7 : Deaths Caused by Road Accidents by States, Malaysia, 2015



CARTA 1.8 : KECEDERAAN DAN KEMATIAN DISEBABKAN OLEH KEMALANGAN JALAN RAYA, MALAYSIA, 2006-2015

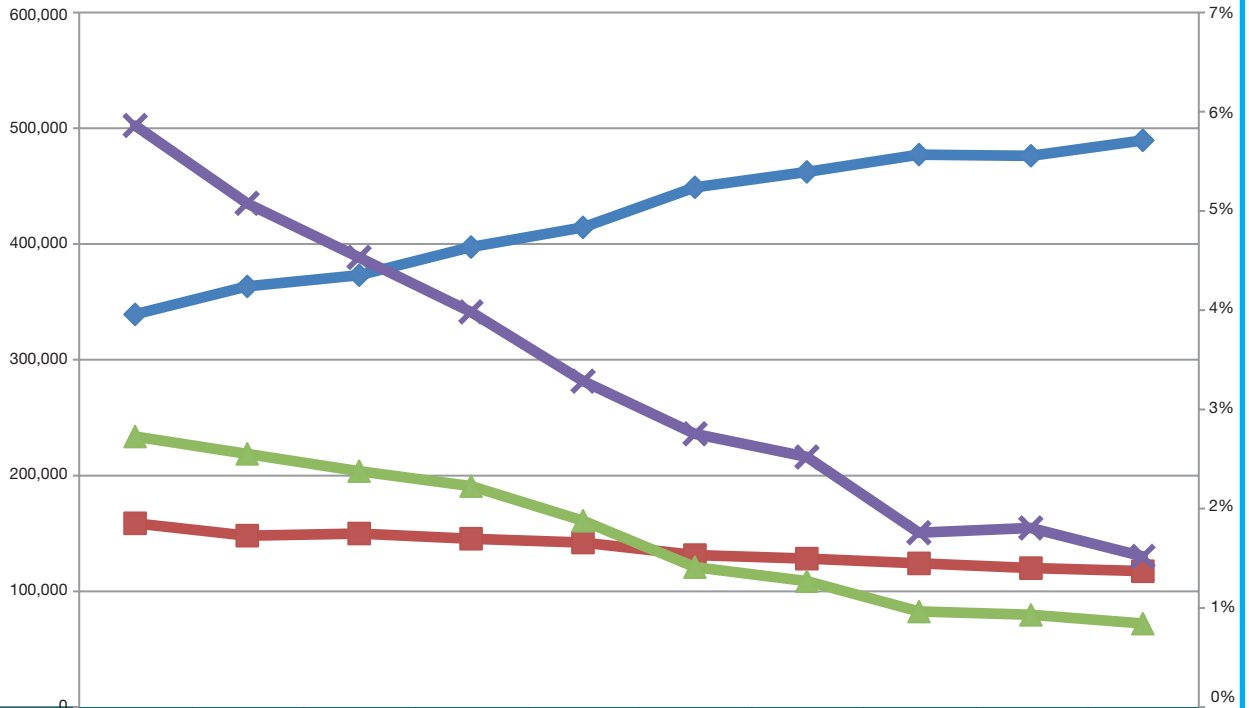
Chart 1.8 : Casualties and Deaths Caused by Road Accidents, Malaysia, 2006-2015



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
■ Mati / Death	6,287	6,282	6,527	6,745	6,872	6,877	6,917	6,915	6,674	6,706
■ Cedera Parah / Severe Injuries	9,254	9,273	8,866	8,849	7,781	6,328	5,868	4,597	4,432	4,120
■ Cedera Ringan / Minor Injuries	19,884	18,444	16,901	15,823	13,616	12,365	11,654	8,388	8,598	7,432

CARTA 1.9 : KEMALANGAN, PERATUS KECEDERAAN DAN KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA, MALAYSIA, 2006-2015

Chart 1.9 : Total Accidents, Percentage of Casualties and Deaths Caused by Road Accidents, Malaysia, 2006-2015



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
■ Kemalangan / Accidents	339,252	363,319	372,990	397,330	414,421	449,040	462,423	477,204	476,196	489,606
■ % Mati / % Death	1.85%	1.73%	1.75%	1.70%	1.66%	1.53%	1.50%	1.45%	1.40%	1.37%
■ % Parah / % Severe	2.73%	2.55%	2.38%	2.23%	1.88%	1.41%	1.27%	0.96%	0.93%	0.84%
■ % Ringan / % Minor	5.86%	5.08%	4.53%	3.98%	3.29%	2.75%	2.52%	1.76%	1.81%	1.52%



PENGANGKUTAN DARAT: REL

Land Transport: Rail



JADUAL 2.1 : STATISTIK TRAFIK KERETAPI TANAH MELAYU BERHAD (KTMB), 2006–2015
Table 2.1 : Malayan Railways Limited Traffic Statistics, 2006-2015

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 <i>Tonnes</i> (' 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)
2006	3,794	1,237	4,440	1,402	339,037	34,975	84,656,211	*	*	*
2007	3,714	1,309	4,670	1,355	333,688	36,959	89,199,445	*	*	*
2008	3,971	1,468	4,824	1,350	203,939	36,557	88,621,721	*	*	*
2009	4,267	1,522	5,230	1,384	266,722	34,683	83,145,452	*	*	*
2010	4,216	1,529	5,431	1,483	238,251	34,995	82,631,250	215	53	5,569,532
2011	3,686	1,426	5,914	1,535	282,352	35,510	82,860,126	913	226	24,313,451
2012	3,056	1,216	6,096	1,564	331,870	34,847	79,268,057	1,180	276	31,885,949
2013	2,703	1,081	6,622	1,760	343,395	43,942	105,250,159	1,563	371	40,621,860
2014	2,223	618	7,136	1,741	318,033	46,957	112,853,011	1,692	323	44,328,039
2015	2,014	428	6,205	1,474	283,063	49,690	120,541,289	2,059	441	60,314,988

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

JADUAL 2.2 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG MENGIKUT KELAS, 2006-2015

Table 2.2 : Number of Passengers and Passenger Kilometres by Classes, 2006-2015

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
2006	88.0	1,420.0	2,286.0	3,794.0	41.6	616.5	579.0	1,237.1
2007	98.0	1,444.0	2,172.0	3,714.0	47.0	652.0	611.0	1,310.0
2008	123.0	1,690.0	2,161.0	3,974.0	57.0	756.0	655.0	1,468.0
2009	114.0	2,014.0	2,139.0	4,267.0	50.0	829.0	642.0	1,521.0
2010	121.5	2,224.4	1,870.6	4,216.5	51.3	955.0	522.6	1,528.9
2011	134.0	2,199.6	1,351.6	3,685.2	59.8	1,010.6	355.3	1,425.6
2012	134.6	1,943.5	977.9	3,056.0	59.1	911.7	245.3	1,216.1
2013	124.4	1,857.2	721.2	2,702.8	52.0	856.3	172.6	1,080.9
2014	119.6	1,574.8	528.3	2,222.7	33.7	494.1	90.0	617.8
2015	81.4	1,678.5	254.8	2,014.7	24.7	346.5	56.5	427.7

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

JADUAL 2.3 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2006-2015

Table 2.3 : Number of Passengers and Passenger Kilometres for Express Services, 2006-2015

TAHUN Year	EKSPRES / Express RAKYAT								EKSPRES / Express SINARAN							
	BILANGAN PENUMPANG / Number of Passengers ('000)				KILOMETER PENUMPANG / Passenger KM ('000,000)				BILANGAN PENUMPANG / Number of Passengers ('000)				KILOMETER PENUMPANG / Passenger KM ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total
2006	27.5	230.5	-	258.0	12.1	92.4	-	104.5	26.1	180.3	3.4	209.8	9.9	69.0	1.7	80.6
2007	30.0	228.0	-	258.0	9.0	52.0	-	61.0	29.0	205.0	13.0	247.0	6.0	42.0	2.0	50.0
2008	51.0	322.0	-	373.0	22.0	136.0	-	158.0	34.0	212.0	22.0	268.0	12.0	84.0	8.0	104.0
2009	47.0	320.0	-	367.0	19.0	131.0	-	150.0	29.0	234.0	31.0	294.0	10.0	83.0	10.0	103.0
2010	46.0	335.0	-	381.0	14.0	134.0	-	148.0	26.0	208.0	1.0	235.0	9.4	75.0	0.4	84.8
2011	43.0	349.0	-	392.0	17.3	146.0	-	163.3	35.8	332.9	-	368.7	13.2	123.7	-	136.9
2012	38.0	290.0	-	328.0	12.0	120.0	-	132.0	36.0	318.0	-	354.0	12.0	122.0	-	134.0
2013	43.0	320.0	-	363.0	14.0	126.0	-	140.0	24.0	184.0	-	208.0	8.1	68.0	-	76.1
2014	70.0	299.0	-	369.0	24.0	110.0	-	134.0	36.0	141.0	-	177.0	12.0	44.0	-	56.0
2015	43.2	393.4	-	436.6	14.3	149.0	-	163.3	18.0	89.4	-	107.4	5.6	30.2	-	35.8
TAHUN Year	EKSPRES / Express LANGKAWI								EKSPRES / Express WAU							
	BILANGAN PENUMPANG / Number of Passengers ('000)				KILOMETER PENUMPANG / Passenger KM ('000,000)				BILANGAN PENUMPANG / Number of Passengers ('000)				KILOMETER PENUMPANG / Passenger KM ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total
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	206.0	407.0	627.0	6.0	98.0	136.0	240.0	11.0	165.0	307.0	483.0	5.0	89.0	166.0	260.0
2009	11.0	209.0	387.0	607.0	4.0	116.0	137.0	257.0	12.0	169.0	280.0	461.0	7.0	94.0	160.0	261.0
2010	9.1	204.0	264.0	477.1	5.4	105.0	101.0	211.4	10.4	183.0	249.0	442.4	9.1	106.0	136.6	251.7
2011	9.7	211.1	167.3	388.1	4.9	112.0	64.8	181.7	8.7	203.4	210.1	422.2	5.5	120.1	117.8	243.4
2012	10.2	215.0	151.0	376.2	5.2	117.0	57.0	179.2	8.3	203.0	168.0	379.3	4.6	121.0	90.0	215.6
2013	10.5	269.0	121.0	400.5	5.4	139.0	43.0	187.4	8.0	231.0	102.0	341.0	4.3	130.0	51.0	185.3
2014	2.3	292.0	97.0	391.3	1.2	141.0	36.0	178.2	1.5	206.0	84.0	291.5	0.7	114.0	38.0	152.7
2015	6.1	291.6	184.9	482.6	2.0	149.7	66.2	217.9	-	-	-	-	-	-	-	-

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

JADUAL 2.3 : BILANGAN PENUMPANG DAN KILOMETER PENUMPANG BAGI PERKHIDMATAN KERETAPI EKSPRES, 2006-2015 (Sambungan)

Table 2.3 : Number of Passengers and Passenger Kilometres for Express Services, 2006-2015 (Cont'd)

TAHUN Year	EKSPRES / Express SENANDUNG SUMATERA								EKSPRES / Express TIMURAN							
	BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger KM ('000,000)				BILANGAN PENUMPANG Number of Passengers ('000)				KILOMETER PENUMPANG Passenger KM ('000,000)			
	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total	KELAS SATU First Class	KELAS DUA Second Class	KELAS TIGA Third Class	JUMLAH Total
2006	10.8	178.4	378.6	567.8	5.0	81.2	123.0	209.2	7.6	140.3	313.9	461.8	3.6	74.2	164.8	242.6
2007	11.0	184.0	387.0	582.0	3.0	47.0	62.0	112.0	7.0	149.0	299.0	455.0	2.0	43.0	92.0	137.0
2008	12.0	208.0	407.0	627.0	6.0	98.0	136.0	240.0	11.0	165.0	307.0	483.0	5.0	89.0	166.0	260.0
2009	6.0	247.2	0.5	253.7	6.0	116.1	0.2	122.3	-	281.0	263.0	544.0	-	144.0	130.0	274.0
2010	8.4	307.0	1.0	316.4	6.6	155.0	0.8	162.4	-	288.0	215.0	503.0	-	156.0	100.0	256.0
2011	16.7	246.3	-	263.0	9.7	136.9	-	146.6	3.9	293.4	116.8	414.1	2.8	162.8	62.3	227.9
2012	23.5	232.0	-	255.5	10.9	111.0	-	121.9	5.3	240.0	82.0	327.3	3.8	136.0	40.0	179.8
2013	25.0	248.0	-	273.0	11.6	113.0	-	124.6	-	246.0	71.0	317.0	-	137.0	36.0	173.0
2014	9.7	256.0	-	265.7	5.2	100.0	-	105.2	-	225.0	29.0	254.0	-	118.0	15.2	133.2
2015	7.9	238.9	-	246.8	3.3	106.3	-	109.6	-	60.1	9.5	69.6	-	28.3	5.7	34.0

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

JADUAL 2.4 : TRAFIK BARANGAN MENGIKUT JENIS KARGO, 2006–2015
Table 2.4 : Freight Traffic by Type of Cargo, 2006-2015

JENIS KARGO / Type of Cargo	(' 000)	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
SIMEN & KLINKER <i>Cement & Clinker</i>	Tonne	1,220	1,355	1,474	1,704	1,814	2,224	2,353	2,594	2,358	2,166
	t km	308,121	356,299	390,869	531,335	605,926	732,170	800,581	926,262	794,218	709,409
KONTENA PERKAPALAN <i>Maritime Container</i>	Tonne	2,074	2,222	2,272	2,603	2,588	2,702	2,691	2,864	3,776	3,157
	t km	597,355	507,900	490,127	455,843	408,893	383,866	390,237	406,723	633,616	532,817
LANDBRIDGE <i>Landbridge</i>	Tonne	164	122	105	55	39	26	19	19	88	131
	t km	22,516	56,701	72,286	15,710	17,189	22,954	25,724	30,512	53,258	46,216
PETROL & MINYAK GALIAN <i>Petrol & Mineral Oil</i>	Tonne	62	75	45	-	-	-	-	-	-	-
	t km	19,714	23,964	13,935	-	-	-	-	-	-	-
MAKANAN & MINUMAN PROSES <i>Processed Food & Drink</i>	Tonne	363	421	433	476	487	459	417	413	418	421
	t km	278,419	323,857	315,429	319,811	308,923	221,428	168,725	169,418	187,878	161,968
BERAS, PADI & BRAN <i>Rice, Paddy & Bran</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
GETAH <i>Rubber</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
GETAH CECAIR <i>Latex</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	1	-	-	-	-	-	-	-	-	-
KAYU BALAK <i>Logs</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
KAYU GERGAJI <i>Swan Timber</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
BIJIH & LAIN-LAIN GALIAN <i>Ore & Other Minerals</i>	Tonne	21	10	11	6	2	0	-	-	-	-
	t km	1,133	182	1,573	102	38	2	-	-	-	-
KIMIA <i>Chemicals</i>	Tonne	370	386	347	259	298	287	337	341	377	327
	t km	22,602	23,611	21,935	18,390	22,422	19,770	19,774	21,047	25,256	21,838
MINYAK MAKAN <i>Edible Oil</i>	Tonne	-	-	-	-	-	-	-	-	-	-
	t km	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN <i>Others</i>	Tonne	174	166	138	130	204	216	279	390	118	4
	t km	68,107	62,723	44,244	42,916	119,294	155,284	159,253	205,671	47,236	2,109
JUMLAH Total	Tonne	4,448	4,757	4,825	5,233	5,432	5,915	6,096	6,621	7,135	6,206
	t km	1,317,968	1,355,237	1,350,398	1,384,107	1,482,685	1,535,474	1,564,294	1,759,633	1,741,462	1,474,357

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

JADUAL 2.5 : JUMLAH HASIL BARANGAN MENGIKUT JENIS KARGO, 2006–2015

Table 2.5 : Goods Revenue by Type of Cargo, 2006–2015

	RM '000									
JENIS KARGO <i>Type of Cargo</i>	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
SIMEN & KLINKER <i>Cement & Clinker</i>	20,857	24,345	26,200	29,350	32,421	41,627	45,036	50,722	55,807	58,482
KONTENA PERKAPALAN <i>Maritime Container</i>	40,216	46,520	43,871	47,583	47,217	48,132	48,324	52,607	56,453	55,688
LANDBRIDGE <i>Landbridge</i>	29,846	25,846	20,500	13,644	8,054	5,610	5,367	4,072	4,892	5,740
PETROL & MINYAK GALIAN <i>Petrol & Mineral Oil</i>	2,253	2,866	1,710	-	-	-	-	-	-	-
MAKANAN & MINUMAN PROSES <i>Processed Food & Drink</i>	9,583	11,770	11,706	12,047	12,436	12,232	10,743	10,606	12,764	12,027
BERAS, PADI & BRAN <i>Rice, Paddy & Bran</i>	-	-	-	-	-	-	-	-	-	-
GETAH <i>Rubber</i>	-	-	-	-	-	-	-	-	-	-
GETAH CECAIR <i>Latex</i>	-	-	-	-	-	-	-	-	-	-
KAYU BALAK <i>Logs</i>	27	-	-	-	-	-	-	-	-	-
KAYU GERGAJI <i>Swan Timber</i>	41	-	-	-	-	-	-	-	-	-
BIJIH & LAIN-LAIN GALIAN <i>Ore & Other Minerals</i>	211	98	99	72	23	1	-	-	-	-
KIMIA <i>Chemicals</i>	3,804	5,139	4,592	3,064	3,653	3,460	3,959	4,678	5,269	4,255
MINYAK MAKAN <i>Edible Oil</i>	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN <i>Others</i>	6,579	5,188	6,418	9,763	12,291	13,625	13,555	15,714	11,920	13,835
JUMLAH Total	113,417	121,772	115,096	115,523	116,095	124,687	126,984	138,399	147,105	150,027

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

JADUAL 2.6 : DAFTAR LOKOMOTIF, 2006–2015

Table 2.6 : Locomotive Inventory, 2006–2015

TAHUN Year	LALUAN UTAMA Mainline								TREN SET ELEKTRIK Electric Train Set				ENJIN LANGSIR Shunting				
	HIDRAULIK KELAS 21 Class 21 Hydraulic	KELAS Class 22	KELAS Class 23	KELAS Class 24	KELAS Class 25	KELAS Class 26	KELAS Class 29	JUMLAH Total	RELKAR (RELBAS) Rail-Car (Rail-Bus)	SET EMU 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	JUMLAH Total
2006	-	5.0	11.0	20.0	17.0	20.0	-	73	-	53.0	-	53	-	-	-	10.0	10
2007	-	5.0	11.0	26.0	17.0	20.0	-	79	-	58.0	-	58	-	-	-	10.0	10
2008	-	5.0	11.0	21.0	17.0	20.0	-	74	-	54.0	-	54	-	-	-	10.0	10
2009	-	4.0	11.0	18.0	17.0	20.0	20.0	90	-	58.0	-	58	-	-	-	10.0	10
2010	-	-	7.0	18.0	17.0	20.0	20.0	82	-	58.0	-	58	-	-	-	10.0	10
2011	-	-	7.0	18.0	17.0	20.0	20.0	82	-	67.0	5.0	72	-	-	-	10.0	10
2012	-	-	7.0	18.0	17.0	20.0	20.0	82	-	60.0	5.0	65	-	-	-	1.0	1
2013	-	-	7.0	18.0	17.0	20.0	20.0	82	-	50.0	5.0	55	-	-	-	0.0	-
2014	-	-	7.0	17.0	17.0	20.0	20.0	81	-	96.0	5.0	101	-	-	-	4.0	4
2015	-	-	6.0	16.0	17.0	20.0	20.0	79	-	57.0	5.0	62	-	-	-	6.0	6

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

JADUAL 2.7 : DAFTAR KOC PENUMPANG, 2006–2015
Table 2.7 : Passenger Coaches Inventory, 2006–2015

JENIS KARGO Type of Cargo	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
2006	70	324	2,288	1,258	124	200	2,640	3,700	-	-	-	-	194	524	4,928	4,958
2007	40	288	1,456	296	96	112	2,768	2,220	-	-	-	-	136	400	4,224	2,516
2008	135	360	3,224	4,440	125	88	1,480	-	37	6	-	300	297	454	4,704	4,740
2009	111	360	4,320	2,146	51	184	1,480	-	12	-	200	76	174	544	6,000	2,222
2010	101	280	3,689	1,752	45	131	1,446	-	14	-	172	-	160	411	5,307	1,752
2011	101	280	3,689	1,752	45	131	1,446	-	14	-	172	-	160	411	5,307	1,752
2012	52	264	2,280	-	94	284	3,400	814	-	-	-	-	146	548	5,680	814
2013	43	168	1,680	370	77	160	2,520	1,258	-	-	-	-	120	328	4,200	1,628
2014	29	274	1,258	-	54	24	2,272	391	-	-	-	-	82	298	3,530	391
2015	72	64	3,751	592	83	155	3,533	979	-	-	-	-	155	219	7,284	1,571

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

JADUAL 2.8 : DAFTAR GERABAK BARANG, 2006–2015

Table 2.8 : Freight Wagon Inventory, 2006–2015

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				
2006	263	2	242	150	-	3	12	1,691	4	1,340	3,707
2007	243	2	231	107	-	2	12	1,765	3	1,231	3,596
2008	244	2	234	116	-	2	12	1,901	3	1,097	3,611
2009	110	1	211	99	-	1	-	1,913	2	936	3,273
2010	85	-	173	95	-	1	-	1,882	-	925	3,161
2011	70	-	170	84	-	1	-	1,879	-	932	3,136
2012	70	-	170	84	-	1	-	1,879	-	932	3,136
2013	42	-	157	74	-	1	-	1,811	-	876	2,961
2014	40	-	157	50	-	1	-	1,804	-	868	2,920
2015	37	-	152	50	-	1	-	1,795	-	860	2,895

SUMBER: KERETAPI TANAH MELAYU BERHAD (KTMB)

Source: Malayan Railways Limited

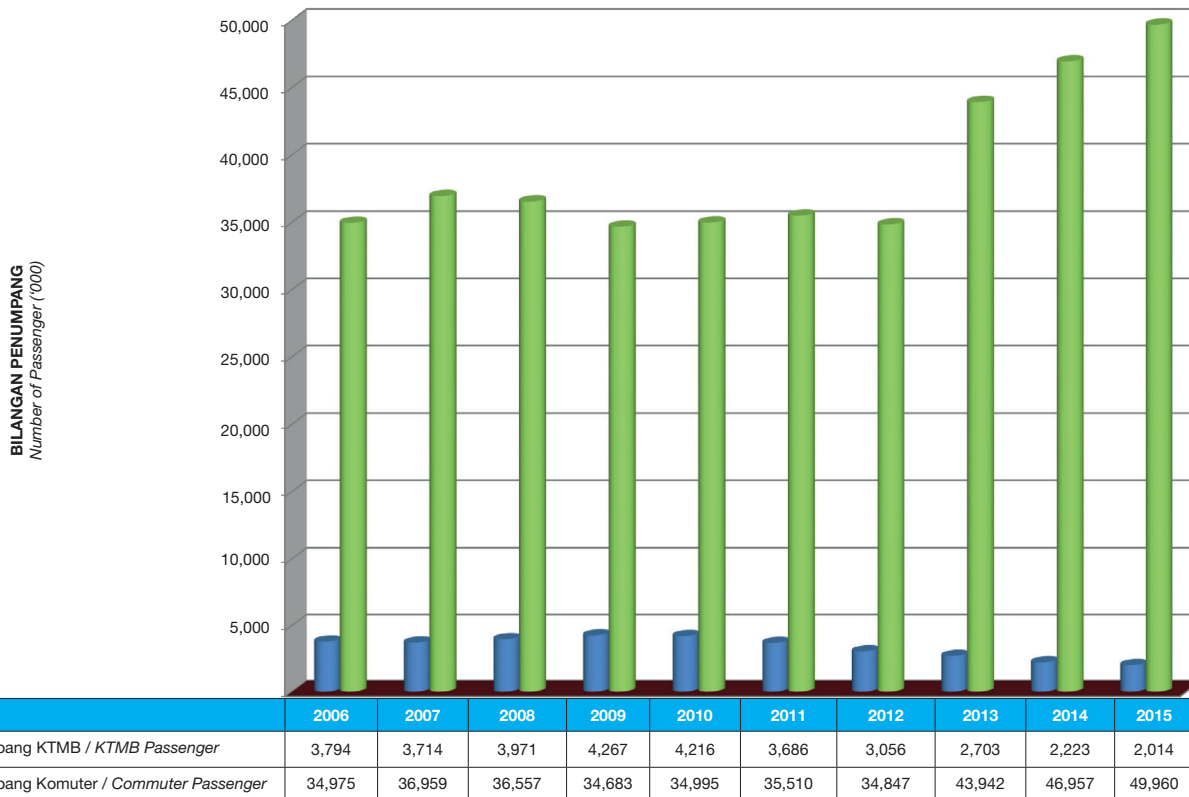
JADUAL 2.9 : BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2006-2015*Table 2.9 : Number of Passengers for Light Rail Transit (LRT) Services, 2006-2015*

JENIS PERKHIDMATAN Type of Services	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
LALUAN KELANA JAYA	56,747,136	56,965,258	58,168,337	55,580,190	58,037,633	68,398,561	71,574,675	78,702,931	81,971,322	82,144,674
LALUAN AMPANG	49,727,909	52,434,883	51,009,480	49,375,077	51,572,177	53,568,672	56,809,978	60,207,397	63,270,432	62,809,412
KL MONORAIL	19,322,170	22,197,169	21,765,233	21,021,390	22,108,308	24,200,299	24,435,931	25,437,621	24,303,465	25,067,866
KLIA EKSPRES	1,839,226	1,780,384	1,578,706	1,419,827	1,508,734	1,581,476	1,649,410	2,063,419	2,928,302	3,470,710
KLIA TRANSIT	2,369,864	2,449,842	2,508,884	2,441,736	2,626,119	3,238,389	3,713,536	4,374,219	6,310,323	6,496,617

SUMBER / Source : Prasarana Malaysia Berhad, Express Rail Link Sdn Bhd

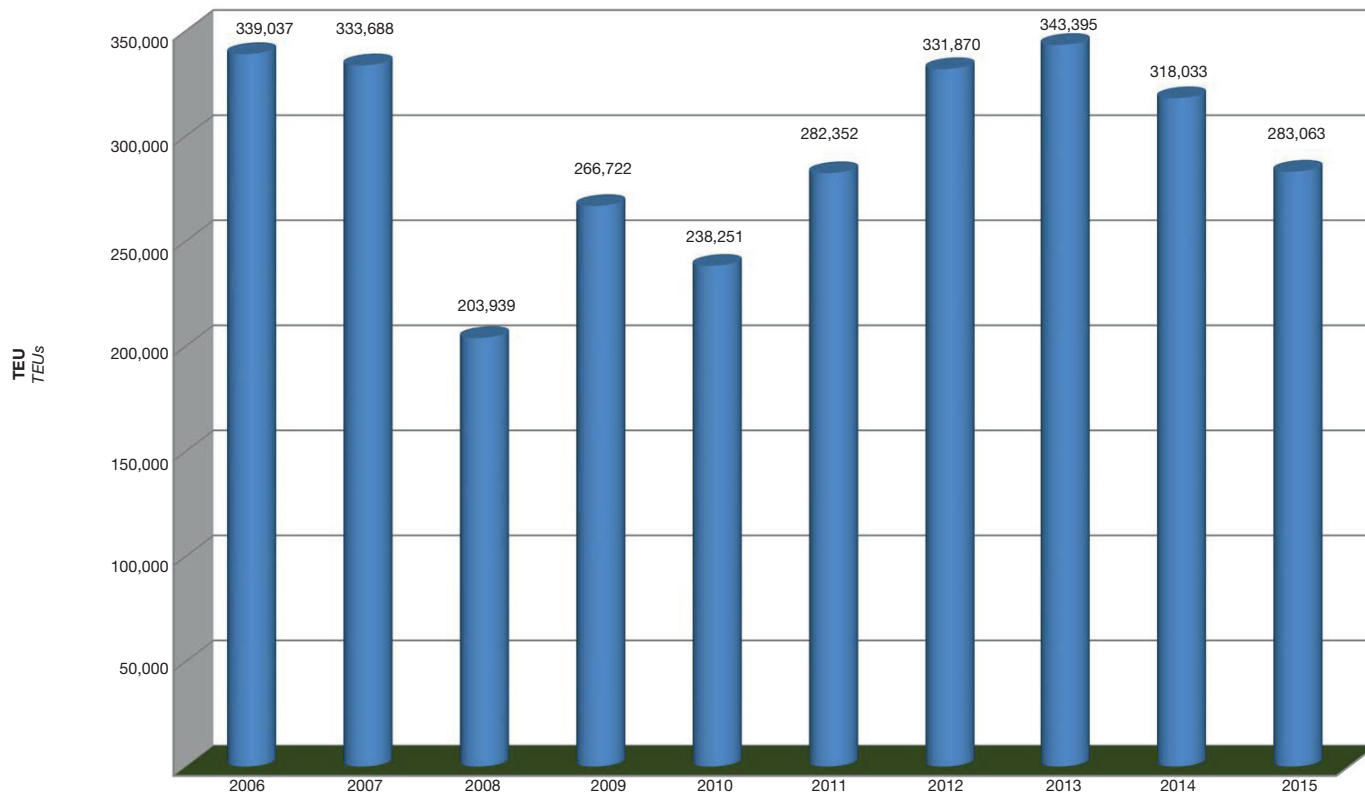
Carta 2.1 : BILANGAN PENUMPANG KTMB DAN KTM KOMUTER BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD, 2006-2015

Chart 2.1 : Number of KTMB and Commuter Passengers for Malayan Railways Limited, 2006-2015



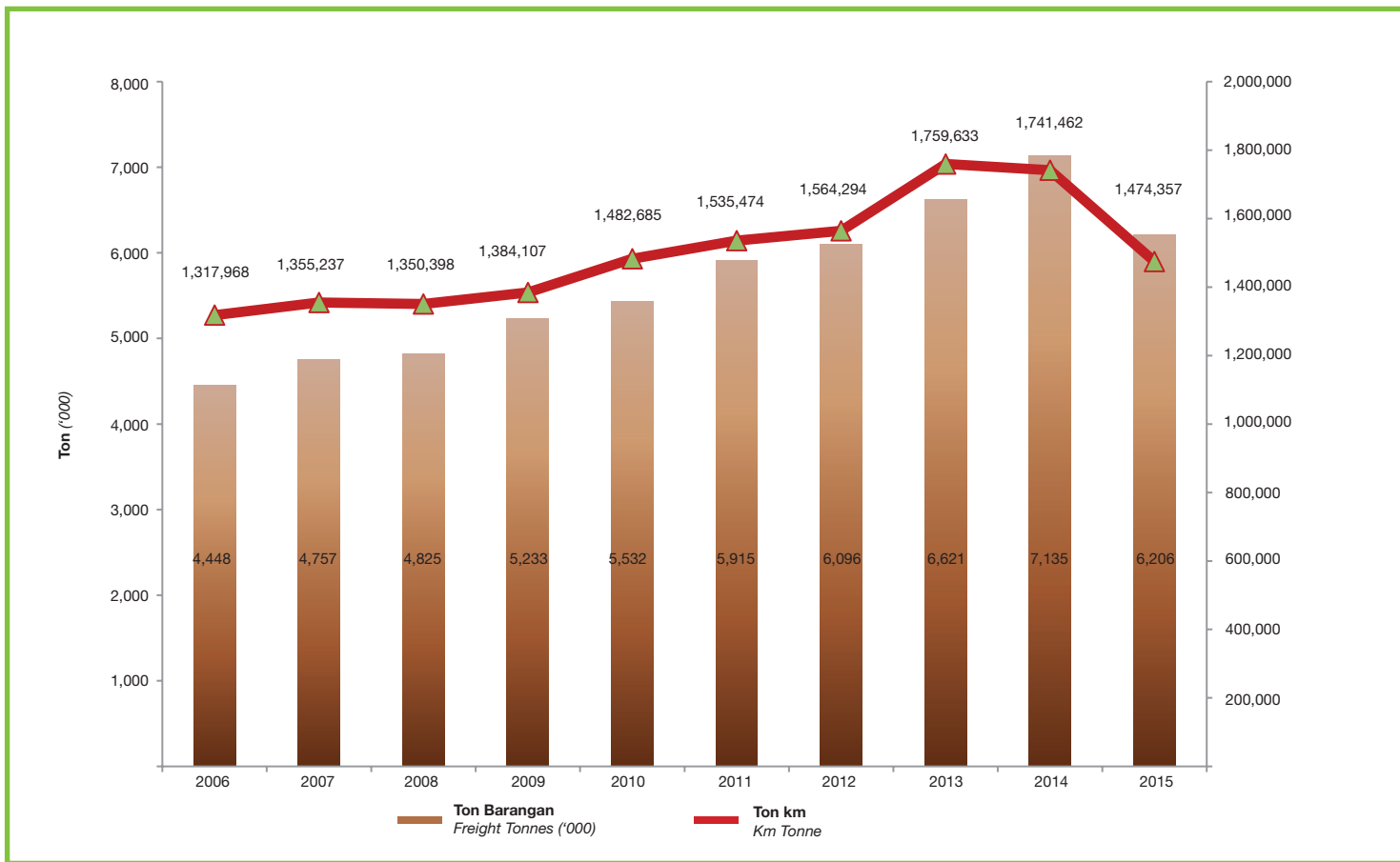
CARTA 2.2 : JUMLAH KONTENA YANG DIKENDALIKAN KERETAPI TANAH MELAYU BERHAD, 2006-2015

Chart 2.2 : Total Container Handled by Malayan Railways Limited, 2006-2015



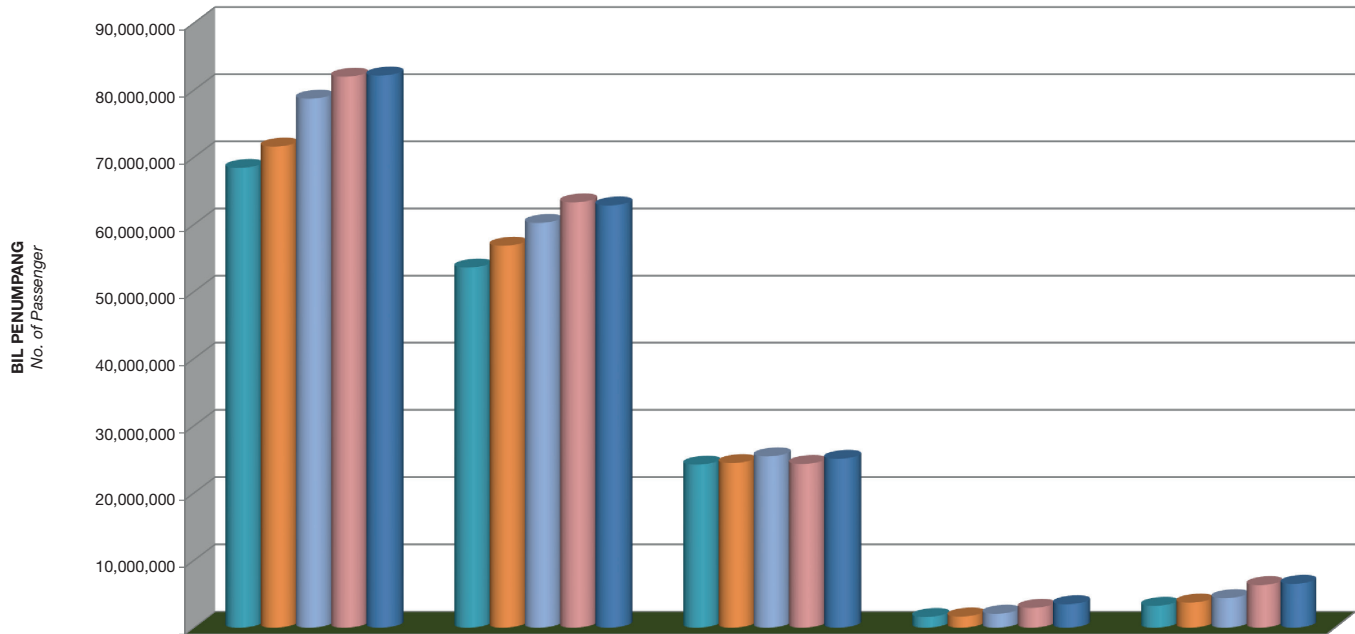
CARTA 2.3 : TRAFIK BARANGAN BAGI PERKHIDMATAN KERETAPI TANAH MELAYU BERHAD (KTMB), 2006-2015

Chart 2.3 : Freight Traffic for Malayan Railways Limited, 2006-2015



CARTA 2.4 : BILANGAN PENUMPANG BAGI PERKHIDMATAN SISTEM ALIRAN RINGAN, 2011-2015

Chart 2.4 : Number of Passengers for Light Rail Transit (LRT) Services, 2011-2015



	LALUAN KELANA JAYA	LALUAN AMPANG	KL MONORAIL	KLIA EKSPRES	KLIA TRANSIT
2011	68,398,561	53,568,672	24,200,299	1,581,476	3,238,389
2012	71,574,675	56,809,978	24,435,931	1,649,410	3,713,536
2013	78,702,931	60,207,397	25,437,621	2,063,419	4,374,219
2014	81,971,322	63,270,432	24,303,465	2,928,302	6,310,323
2015	82,144,674	62,809,412	25,067,866	3,470,710	6,496,617



PENGANGKUTAN MARITIM

Maritime Transport



JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2006-2015

Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2006-2015

(‘000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	KELANG	EKSPORT Export	56,330	62,730	70,342	65,339	78,930	89,517	90,551	90,423	95,559	100,644
		IMPORT Import	65,674	72,784	82,007	72,353	93,027	104,651	107,356	109,855	121,730	119,142
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	122,004	135,514	152,349	137,692	171,957	194,168	197,907	200,278	217,289	219,786
2	PULAU PINANG	EKSPORT Export	9,526	12,524	10,707	10,531	12,434	12,870	12,894	12,934	12,865	13,023
		IMPORT Import	13,371	14,698	14,967	13,251	15,861	15,899	15,918	16,497	16,421	16,676
		PINDAH KAPAL Trans-shipment	-	269	325	496	551	620	515	650	761	614
		JUMLAH Total	22,897	27,491	25,999	24,278	28,846	29,390	29,328	30,081	30,047	30,314
3	JOHOR	EKSPORT Export	13,305	11,289	14,211	11,601	11,585	11,774	10,494	10,402	10,728	11,389
		IMPORT Import	14,162	17,553	15,561	13,633	16,544	20,900	15,415	16,577	16,575	17,263
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	27,467	28,842	29,772	25,234	28,129	32,674	25,909	26,979	27,303	28,652
4	KUANTAN	EKSPORT Export	6,555	6,188	5,574	6,835	8,050	11,073	12,021	15,099	17,001	36,255
		IMPORT Import	4,118	3,877	3,831	3,438	4,030	4,133	4,043	4,233	4,365	3,775
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	10,673	10,065	9,405	10,273	12,079	15,207	16,064	19,332	21,367	40,030

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2006-2015 (SAMB.)

Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2006-2015 (Cont'd)

(‘000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
5	BINTULU	EKSPORT Export	31,731	31,255	34,724	33,302	34,777	36,138	35,134	37,652	38,149	37,463
		IMPORT Import	2,755	2,833	3,446	3,128	3,854	4,252	4,888	4,824	5,644	5,824
		PINDAH KAPAL Trans-shipment	2,020	4,497	2,301	2,014	1,995	1,313	1,136	1,329	1,602	1,450
	JUMLAH Total	36,506	38,585	40,471	38,444	40,625	41,703	41,158	43,805	45,395	44,737	
6	TANJUNG BRUAS	EKSPORT Export	7	-	14	25	37	82	115	177	144	44
		IMPORT Import	399	606	543	437	414	361	304	301	299	479
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
	JUMLAH Total	406	606	557	463	451	443	420	477	443	523	
7	KUCHING	EKSPORT Export	1,977	2,343	2,136	1,815	2,144	2,148	1,875	2,183	2,284	2,529
		IMPORT Import	5,204	5,272	5,347	5,077	6,069	6,532	7,314	7,395	6,851	6,800
		PINDAH KAPAL Trans-shipment	22	32	68	-	-	-	-	-	-	-
	JUMLAH Total	7,203	7,647	7,551	6,892	8,213	8,679	9,189	9,578	9,134	9,329	
8	MIRI	EKSPORT Export	5,246	6,318	6,155	5,028	5,410	4,908	4,823	5,563	5,226	4,701
		IMPORT Import	369	521	684	605	746	865	842	866	697	579
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
	JUMLAH Total	5,615	6,839	6,839	5,633	6,156	5,773	5,665	6,429	5,923	5,280	

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2006-2015 (SAMB.)

Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2006-2015 (Cont'd)

(*000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
9	RAJANG	EKSPORT Export	3,476	3,433	3,404	3,191	3,506	3,225	1,649	613	453	374
		IMPORT Import	1,357	1,540	1,604	1,546	1,680	1,825	1,614	1,513	1,325	1,150
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
JUMLAH Total			4,833	4,973	5,008	4,737	5,186	5,050	3,263	2,126	1,778	1,524
10	SABAH	EKSPORT Export	16,902	16,493	16,493	14,095	14,963	14,595	13,852	13,931	14,308	15,101
		IMPORT Import	11,238	12,660	12,660	10,675	13,426	13,340	13,851	13,487	14,064	12,744
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
JUMLAH Total			28,140	29,153	29,153	24,770	28,389	27,936	27,703	27,418	28,372	27,844
11	PORT DICKSON	EKSPORT Export	6,797	4,302	3,047	3,072	2,372	2,114	2,613	2,928	2,470	2,331
		IMPORT Import	5,250	8,493	8,810	10,976	10,285	11,256	11,755	10,179	9,542	11,714
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
JUMLAH Total			12,047	12,795	11,857	14,048	12,657	13,370	14,368	13,107	12,013	14,045
12	KEMAMAN	EKSPORT Export	1,163	1,806	1,713	1,834	1,944	2,062	3,432	2,506	2,655	3,524
		IMPORT Import	2,138	1,992	2,200	1,889	2,364	1,936	3,249	1,853	2,208	2,956
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
JUMLAH Total			3,301	3,798	3,913	3,723	4,308	3,998	6,681	4,359	4,864	6,480

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

JADUAL 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2006-2015 (SAMB.)

Table 3.1 : Total Cargo Throughput by Ports, Malaysia, 2006-2015 (Cont'd)

(‘000) FREIGHTWEIGHT TONNES

BIL No	PELABUHAN Ports		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
13	TELUK EWA	EKSPORT Export	3,185	3,208	3,379	3,381	3,223	3,057	3,237	3,473	3,059	2,794
		IMPORT Import	573	555	744	637	729	788	696	706	717	596
		PINDAH KAPAL Trans-shipment	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	3,758	3,763	4,123	4,019	3,952	3,845	3,933	4,180	3,776	3,391
14	TANJUNG PELEPAS	EKSPORT Export	2,854	2,926	3,349	3,322	3,587	4,727	5,187	5,178	5,393	5,484
		IMPORT Import	728	754	1,378	1,312	1,224	1,259	1,412	1,584	1,823	1,988
		PINDAH KAPAL Trans-shipment	65,194	80,009	83,212	85,813	92,845	106,803	109,658	113,286	124,314	128,807
		JUMLAH Total	68,776	83,689	87,939	90,447	97,656	112,788	116,256	120,048	131,529	136,279
JUMLAH BESAR Grand Total		EKSPORT Export	159,054	164,815	175,248	163,372	182,961	198,290	197,878	203,063	210,295	235,657
		IMPORT Import	127,336	144,138	153,782	138,957	170,253	187,997	188,656	189,868	202,260	201,686
		PINDAH KAPAL Trans-shipment	67,236	84,807	85,906	88,323	95,392	108,736	111,309	115,265	126,677	130,871
		JUMLAH Total	353,626	393,760	414,936	390,653	448,605	495,024	497,843	508,197	539,233	568,214

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

JADUAL 3.2 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2015

Table 3.2 : Total Cargo Throughput by Ports and Type, Malaysia, 2015

(’000) FREIGHTWEIGHT TONNES

PELABUHAN <i>Ports</i>	PUKAL KERING <i>Dry Bulk</i>		PUKAL CECAIR <i>Liquid Bulk</i>		KARGO AM <i>General Cargo</i>		JUMLAH <i>Total</i>	KARGO DI DALAM KONTENA <i>Containerised Cargo</i>	JUMLAH BESAR <i>Grand Total</i>
	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN DALAM NEGERI <i>Local Trade</i>	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN DALAM NEGERI <i>Local Trade</i>	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>	PERDAGANGAN LUAR NEGERI <i>Foreign Trade</i>			
KELANG	9,463	679	3,782	1,146	5,727	3,441	24,238	195,548	219,786
PULAU PINANG	604	3,662	511	4,078	457	1,209	10,521	19,792	30,314
JOHOR	-	-	-	-	-	-	28,652	-	28,652
KUANTAN	30,654	17	2,980	1,177	2,714	89	37,631	2,399	40,030
BINTULU	3,712	397	29,305	5,049	1,701	339	40,503	4,234	44,737
TANJUNG BRUAS	110	-	19	14	381	-	523	-	523
KUCHING	699	4	628	394	1,221	1,153	4,098	5,231	9,329
MIRI	-	-	-	-	-	-	5,280	-	5,280
RAJANG	10	-	1	30	39	53	133	1,391	1,524
SABAH	-	-	-	-	-	-	27,844	-	27,844
PORT DICKSON	4,311	-	5,655	3,796	283	-	14,045	-	14,045
KEMAMAN	1,874	64	4,289	177	72	3	6,480	-	6,480
TELOK EWA	2,794	527	70	-	-	-	3,391	-	3,391
TANJUNG PELEPAS	-	-	-	-	-	-	-	136,279	136,279
JUMLAH Total	54,231	5,350	47,240	15,861	12,595	6,288	203,340	364,873	568,214

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

JADUAL 3.3 : BARANGAN YANG DIISI MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2015
Table 3.3 : Commodities Loaded by Ports And Types, Malaysia, 2015
(’000) FREIGHTWEIGHT TONNES

PELABUHAN <i>Ports</i>	MINYAK KELAPA SAWIT <i>Palm Oil</i>	BUANGAN ISI SAWIT <i>Palm Kernel Waste</i>	PETROLEUM & MINYAK PEMBAKAR <i>Petroleum & Fuel Oil</i>	GAS ASLI CECAIR <i>Liquefied Natural Gas</i>	GAS PETROLEUM CAIR <i>Liquefied Petroleum Gas</i>	KAYU KAYAN PROSES <i>Processed Timber</i>	KAYU BALAK <i>Logs</i>	BIJIRIN <i>Grains/ Cereals</i>	BESI/ BESI WAJAJ <i>Iron/ Steel</i>	BAHAN KIMIA/ BAJAJ <i>Chemical/ Fertilizer</i>	GETAH & SUSU GETAH <i>Rubber & Latex</i>	SIMEN/ KLINKER Cement/ Clinker	BIJIH & GALIAN Ore & Mineral	LAIN- LAIN <i>Others</i>	JUMLAH <i>Total</i>
KELANG	1,128	493	-	-	-	-	15	-	338	63	-	-	-	98,607	100,644
PULAU PINANG	312	-	-	-	-	1,044	-	-	331	1,094	2,681	-	-	7,562	13,024
JOHOR	2,825	415	1,725	-	-	-	-	-	23	528	-	-	-	5,873	11,389
KUANTAN	1,072	156	21	-	-	-	-	-	-	871	-	-	29,347	4,788	36,255
BINTULU	3,581	550	4,454	25,089	40	669	757	-	-	-	-	97	-	2,226	37,463
TANJUNG BRUAS	-	-	-	-	-	-	-	-	19	-	-	-	-	25	44
KUCHING	270	-	0	-	-	240	-	11	105	40	20	35	-	1,807	2,529
MIRI	-	-	-	-	-	-	-	-	-	-	-	-	-	4,701	4,701
RAJANG	30	10	-	-	-	211	-	-	-	-	14	-	-	109	374
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	15,101	15,101
PORT DICKSON	-	-	1,817	-	440	-	-	-	-	-	-	-	-	73	2,331
KEMAMAN	-	-	324	-	450	-	-	-	46	-	-	-	1,182	1,522	3,524
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	2,794	-	-	2,794
TANJUNG PELEPAS	559	-	-	-	-	-	-	-	130	482	270	-	-	4,043	5,484
JUMLAH Total	9,776	1,624	8,341	25,089	931	2,164	772	11	993	3,078	2,985	2,927	30,529	146,436	235,657

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

JADUAL 3.4 : BARANGAN YANG DIPUNGGAH MENGIKUT PELABUHAN DAN JENIS, MALAYSIA, 2015
Table 3.4 : Commodities Unloaded by Ports And Types, Malaysia, 2015

('000) FREIGHTWEIGHT TONNES

PELABUHAN <i>Ports</i>	MINYAK KELAPA SAWIT <i>Palm Oil</i>	PETROLEUM & MINYAK PEMBAKAR <i>Petroleum & Fuel Oil</i>	BESI/ BESI WAJA <i>Iron/ Steel</i>	BIJIRIN <i>Grains/ Cereals</i>	GULA <i>Sugar</i>	BAHAN KIMIA/ BAJA <i>Chemical/ Fertilizer</i>	MESIN/ PERALATAN CKD <i>Machinery/ Component CKD</i>	KERTAS <i>Paper Reels</i>	KAIN <i>Textiles</i>	SIMEN/ KLINKER Cement/ Clinker	MAKANAN PROSES <i>Processed Foodstuff</i>	LAIN-LAIN <i>Others</i>	JUMLAH <i>Total</i>
KELANG	998	749	2,781	1,935	215	985	45	-	-	761	-	110,673	119,142
PULAU PINANG	218	3,369	1,258	1,890	1,295	534	1,150	561	141	-	272	5,990	16,676
JOHOR	1,541	3,601	618	816	-	2,465	-	-	-	2,162	-	6,060	17,263
KUANTAN	72	1,305	123	-	-	1,093	-	-	-	-	-	1,181	3,775
BINTULU	126	1,014	-	-	-	679	-	-	-	519	-	3,486	5,824
TANJUNG BRUAS	-	-	319	-	-	-	-	-	-	-	-	160	479
KUCHING	-	742	395	561	118	394	89	80	27	231	418	3,746	6,800
MIRI	-	-	-	-	-	-	-	-	-	-	-	579	579
RAJANG	-	30	75	26	12	85	121	28	19	-	264	490	1,150
SABAH	-	-	-	-	-	-	-	-	-	-	-	12,744	12,744
PORT DICKSON	-	7,229	-	-	-	-	-	-	-	-	-	4,485	11,714
KEMAMAN	-	-	12	-	-	-	-	-	-	-	-	2,944	2,956
TELOK EWA	-	-	-	-	-	-	-	-	-	-	-	596	596
TANJUNG PELEPAS	-	-	238	-	-	113	-	45	603	-	362	627	1,988
JUMLAH Total	2,955	18,039	5,818	5,228	1,639	6,349	1,404	714	790	3,673	1,316	153,761	201,686

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

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2006-2015
Table 3.5 : Total Container Throughput By Ports, Malaysia, 2006-2015

			TEUs									
BIL No	PELABUHAN Ports		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	KELANG	EKSPORT Export	1,367,625	1,474,193	1,598,544	1,478,354	1,718,845	1,720,542	1,821,995	1,860,613	1,942,773	1,979,828
		IMPORT Import	1,403,946	1,527,893	1,629,977	1,515,743	1,716,304	1,794,508	1,872,867	1,907,495	1,962,431	1,976,188
		PINDAH KAPAL Trans-shipment	3,554,724	4,116,628	4,745,058	4,315,682	5,436,596	6,088,876	6,306,633	6,582,299	7,040,600	7,930,669
		JUMLAH Total	6,326,295	7,118,714	7,973,579	7,309,779	8,871,745	9,603,926	10,001,495	10,350,407	10,945,804	11,886,685
2	PULAU PINANG	EKSPORT Export	422,216	488,254	487,049	450,999	532,936	570,500	565,516	593,785	594,255	612,993
		IMPORT Import	406,492	410,282	401,727	444,530	506,841	557,050	538,074	565,894	563,557	603,007
		PINDAH KAPAL Trans-shipment	21,022	27,455	28,855	62,947	66,321	74,629	62,143	78,034	107,900	101,352
		JUMLAH Total	849,730	925,991	917,631	958,476	1,106,098	1,202,179	1,165,733	1,237,713	1,265,712	1,317,352
3	JOHOR	EKSPORT Export	410,422	421,045	400,849	367,368	394,192	344,213	332,905	339,939	350,721	364,705
		IMPORT Import	335,335	363,672	374,281	334,140	371,463	349,632	350,826	380,055	383,407	408,481
		PINDAH KAPAL Trans-shipment	134,854	142,567	159,637	143,348	110,613	136,495	117,327	37,029	58,373	27,338
		JUMLAH Total	880,611	927,284	934,767	844,856	876,268	830,340	801,058	757,023	792,501	800,524
4	KUANTAN	EKSPORT Export	64,167	65,577	64,545	66,567	72,850	67,204	69,356	63,482	67,150	72,319
		IMPORT Import	59,581	61,892	61,936	65,320	69,134	64,943	66,726	62,746	63,902	68,360
		PINDAH KAPAL Trans-shipment	1,086	131	580	365	96	649	19	320	192	280
		JUMLAH Total	124,834	127,600	127,061	132,252	142,080	132,796	136,101	126,548	131,244	140,959

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

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2006-2015 (SAMB.)
Table 3.5 : Total Container Throughput By Ports, Malaysia, 2006-2015 (Cont'd)
TEUs

BIL No	PELABUHAN Ports		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
5	BINTULU	EKSPORT <i>Export</i>	44,366	62,320	78,645	68,926	74,600	70,707	84,809	89,986	94,434	86,669
		IMPORT <i>Import</i>	37,398	50,050	72,839	66,830	73,127	77,703	88,410	90,505	94,620	84,939
		PINDAH KAPAL <i>Trans-shipment</i>	117,940	139,430	138,683	112,634	103,569	67,041	57,834	69,862	81,441	72,091
		JUMLAH Total	199,704	251,800	290,167	248,390	251,296	215,451	231,053	250,353	270,495	243,699
6	KUCHING	EKSPORT <i>Export</i>	73,524	78,325	82,235	76,753	92,458	104,568	112,500	122,508	110,416	108,653
		IMPORT <i>Import</i>	78,022	84,143	87,836	82,677	94,631	103,441	108,141	108,492	109,222	111,541
		PINDAH KAPAL <i>Trans-shipment</i>	848	870	1,872	1,661	3,553	6,811	11,185	18,690	8,022	5,134
		JUMLAH Total	152,394	163,338	171,943	161,091	190,642	214,820	231,826	249,690	227,660	225,328
7	MIRI	EKSPORT <i>Export</i>	9,001	10,405	13,555	12,095	14,599	14,234	14,676	15,224	14,519	12,919
		IMPORT <i>Import</i>	7,836	10,754	14,530	13,007	15,174	17,605	16,823	18,723	18,373	16,458
		PINDAH KAPAL <i>Trans-shipment</i>	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	16,837	21,159	28,085	25,102	29,773	31,839	31,499	33,947	32,892	29,377
8	RAJANG	EKSPORT <i>Export</i>	26,652	32,823	37,698	31,679	39,278	43,861	43,653	34,181	29,830	28,081
		IMPORT <i>Import</i>	27,089	33,085	36,622	34,531	41,055	44,839	45,878	46,896	46,258	42,375
		PINDAH KAPAL <i>Trans-shipment</i>	-	-	-	-	-	-	-	-	-	-
		JUMLAH Total	53,741	65,908	74,320	66,210	80,333	88,700	89,531	81,077	76,088	70,456

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

JADUAL 3.5 : JUMLAH KONTENA YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2006-2015 (SAMB.)

Table 3.5 : Total Container Throughput By Ports, Malaysia, 2006-2015 (Cont'd)

			TEUs									
BIL No	PELABUHAN Ports		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
9	SABAH	EKSPORT Export	112,890	130,172	143,047	139,857	155,614	164,408	183,623	180,504	191,623	181,175
		IMPORT Import	114,194	133,035	144,156	136,063	156,961	168,511	183,656	183,984	193,362	180,100
		PINDAH KAPAL Trans-shipment	-	8,264	5,485	1,985	14,251	23,276	7,345	8,554	13,815	1,910
		JUMLAH Total	227,084	271,471	292,688	277,905	326,826	356,195	374,624	373,042	398,800	363,185
10	TANJUNG PELEPAS	EKSPORT Export	161,878	173,759	214,404	190,953	208,210	285,093	308,625	310,572	322,792	325,775
		IMPORT Import	44,528	51,574	97,383	105,655	102,457	131,904	139,333	132,231	143,886	147,848
		PINDAH KAPAL Trans-shipment	4,431,013	5,072,298	5,154,404	5,538,477	5,988,066	6,885,463	7,045,848	6,973,716	7,765,434	8,325,125
		JUMLAH Total	4,637,418	5,297,631	5,466,191	5,835,085	6,298,733	7,302,460	7,493,805	7,416,518	8,232,113	8,798,747
JUMLAH BESAR Grand Total		EKSPORT Export	2,692,741	2,936,873	3,120,571	2,883,551	3,303,582	3,385,330	3,537,658	3,610,794	3,718,513	3,773,117
		IMPORT Import	2,514,421	2,726,380	2,921,287	2,798,496	3,147,147	3,310,136	3,410,734	3,497,021	3,579,018	3,639,297
		PINDAH KAPAL Trans-shipment	8,261,487	9,507,643	10,234,574	10,177,099	11,723,065	13,283,240	13,608,334	13,768,504	15,075,777	16,463,899
		JUMLAH Total	13,468,648	15,170,896	16,276,432	15,859,146	18,173,794	19,978,706	20,556,725	20,876,318	22,373,309	23,876,312

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

TEUs: Twenty - Foot Equivalent Unit

JADUAL 3.6 : JUMLAH KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2006-2015

Table 3.6 : Total Number of Ships Calling by Ports, Malaysia, 2006-2015

PELABUHAN / Ports		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
KELANG	BIL / No	16,404	17,149	16,864	16,116	17,910	18,117	17,721	16,703	15,298	16,541
	GRT (' 000)	259,094	297,671	306,682	236,891	363,322	392,947	384,436	407,918	409,806	441,580
PULAU PINANG	BIL / No	6,177	6,036	5,779	5,559	6,136	6,327	7,796	6,309	6,137	6,226
	GRT (' 000)	38,311	48,843	37,068	42,411	60,978	62,034	66,941	63,992	59,389	64,526
JOHOR	BIL / No	6,337	6,004	5,823	5,121	4,882	4,899	4,252	4,133	3,964	3,984
	GRT (' 000)	26,916	23,637	41,037	41,348	38,177	36,864	30,286	29,614	25,894	28,096
KUANTAN	BIL / No	2,324	2,375	2,315	2,447	2,405	2,440	2,470	2,406	2,342	2,347
	GRT (' 000)	17,617	15,959	15,432	18,049	19,274	21,694	22,469	23,153	24,803	35,374
BINTULU	BIL / No	6,024	6,007	7,015	7,514	7,601	7,606	7,581	8,239	8,478	7,329
	GRT (' 000)	57,616	60,111	60,384	58,668	61,563	64,052	63,987	67,534	68,593	67,009
TANJUNG BRUAS	*BIL / No	119	159	147	115	104	104	91	117	352	305
	GRT (' 000)	196	571	508	406	383	405	384	471	3,786	4,433
KUCHING	BIL / No	3,022	2,669	2,190	1,899	2,111	1,982	1,933	2,054	1,897	2,012
	GRT (' 000)	9,804	9,327	8,666	8,444	9,716	10,132	10,337	10,624	10,784	11,079
MIRI	BIL / No	2,504	1,643	1,690	1,637	1,645	1,692	1,779	1,702	1,508	1,039
	GRT (' 000)	8,455	9,005	8,691	8,387	7,720	7,156	6,134	7,545	6,745	6,041
RAJANG	BIL / No	1,881	1,727	1,692	1,690	1,821	1,680	1,378	1,034	908	702
	GRT (' 000)	8,280	7,179	6,797	6,918	6,990	6,360	3,611	1,998	1,416	1,022
SABAH	BIL / No	15,505	14,456	13,540	13,227	13,125	12,754	14,641	13,228	14,178	13,769
	GRT (' 000)	37,063	35,181	35,265	33,840	33,336	36,467	37,997	40,811	46,468	42,146
PORT DICKSON	BIL / No	1,000	1,628	1,282	1,028	892	869	963	854	880	897
	GRT (' 000)	9,500	12,591	11,640	11,560	11,203	10,938	11,685	12,062	11,521	19,229
KEMAMAN	BIL / No	265	374	344	391	553	423	605	554	495	639
	GRT (' 000)	3,100	3,905	3,966	3,757	4,240	4,187	5,723	4,002	4,401	5,711
TELUK EWA	BIL / No	563	597	637	633	595	589	510	527	472	376
	GRT (' 000)	2,509	2,509	2,592	3,028	2,653	2,711	2,635	3,078	2,760	2,553
TANJUNG PELEPAS	BIL / No	3,261	3,747	3,760	3,776	4,162	5,125	5,041	4,793	4,759	4,696
	GRT (' 000)	26,088	29,976	30,112	30,208	33,296	41,000	40,328	38,344	38,072	37,568
JUMLAH Total	BIL / No	65,386	64,571	63,076	61,153	63,942	64,607	66,761	62,653	61,668	60,862
	GRT (' 000)	504,549	556,465	568,840	503,915	652,852	696,948	686,953	711,145	714,437	766,368

SUMBER: SEMUA PELABUHAN DAN JABATAN LAUT

Source: All Ports and Marine Department

JADUAL 3.7 : JENIS-JENIS KAPAL YANG BERLABUH MENGIKUT PELABUHAN, MALAYSIA, 2015
Table 3.7 : Type of Ships Calling by Ports, Malaysia, 2015

PELABUHAN Ports	PERENTAS SAMUDERA <i>Foreign Going</i>							PERSISIRAN <i>Coastal</i>							JUMLAH BESAR <i>Grand Total</i>
	KONTENA Container		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 Container		KARGO AM <i>General Cargo</i>	TANKER CECAIR <i>Liquid Tankers</i>	PUKAL KERING <i>Dry Bulk</i>	LAIN-LAIN <i>Others</i>	JUMLAH <i>Total</i>	
	INDUK <i>Main Line</i>	FEEDER <i>Feeder</i>						INDUK <i>Main Line</i>	FEEDER <i>Feeder</i>						
KELANG	-	10,869	1,231	1,186	422	785	14,493	-	1,075	308	76	24	565	2,048	16,541
PULAU PINANG	-	3	576	874	238	1,368	3,059	-	1,525	34	224	-	1,384	3,167	6,226
JOHOR	1,314	-	286	1,575	307	-	3,482	502	-	-	-	-	-	502	3,984
KUANTAN	39	295	345	620	654	35	1,988	-	-	29	282	5	43	359	2,347
BINTULU	217	340	336	1,134	240	455	2,722	-	414	221	504	125	3,343	4,607	7,329
TANJUNG BRUAS	-	-	77	16	13	76	182	-	-	-	37	-	86	123	305
KUCHING	6	300	103	151	64	74	698	-	449	284	83	2	496	1,314	2,012
MIRI	-	-	111	9	93	177	390	-	128	252	67	2	200	649	1,039
RAJANG	-	-	5	-	8	-	13	-	574	94	14	7	-	689	702
SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	13,769	13,769
PORT DICKSON	-	-	57	360	123	43	583	-	-	225	-	-	55	280	897
KEMAMAN	-	-	26	486	92	-	604	-	-	1	27	7	-	35	639
TELOK EWA	-	-	-	13	62	29	104	-	-	-	48	125	99	272	376
TANJUNG PELEPAS	1,721	2,699	-	-	-	-	4,420	125	151	-	-	-	-	276	4,696
JUMLAH Total	3,297	14,506	3,153	6,424	2,316	3,042	32,738	627	4,316	1,448	1,362	297	6,271	28,090	60,862

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

JADUAL 3.8 : BILANGAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGLASAN BARU) DAN BERAT, MALAYSIA, 2011-2015

Table 3.8 : Number of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2011-2015

JENIS KAPAL <i>Type of Ship</i>	2011			2012			2013			2014			2015		
	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT
	No	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)
TANGKI MINYAK <i>Oil Tanker</i>	17	82	40	22	177	81	18	18	8	2	4	2	7	32	14
KAPAL LNG, LPG <i>LNG, LPG Carrier</i>	-	-	-	-	-	-	-	-	-	1	4	6	1	3	1
TANGKI KIMIA/PETROLEUM <i>Chemical/ Petroleum Tanker</i>	15	129	49	2	3	1	10	35	17	-	-	-	1	27	14
KAPAL PUKAL, BIJIH, KAYU BALAK <i>Bulk, Grain, Ore, Log Carrier</i>	1	18	11	1	5	2	2	98	61	-	-	-	1	16	10
KARGO AM, SEPARA KONTENA <i>General Cargo, Semi Container</i>	25	44	23	11	20	10	7	28	15	1	20	11	5	3	1
KAPAL PENUMPANG, AM/ PENUMPANG <i>Passenger, General/ Passenger Ship</i>	15	2	1	4	1	0	7	4	1	3	2	1	9	2	1
RO-RO	2	26	8	1	47	14	3	137	41	-	-	-	1	25	7
KONTENA PENUH <i>Full Container</i>	2	16	7	3	31	16	2	25	10	-	-	-	1	17	7
OFFSHORE SUPPORT VESSEL	36	59	18	23	21	6	23	50	16	5	11	3	11	18	6
TONGKANG <i>Barge</i>	53	93	30	42	86	30	43	117	36	10	30	11	14	45	14
LAIN-LAIN <i>Others</i>	226	365	151	189	436	181	191	428	145	38	99	30	75	70	21
JUMLAH Total	392	835	338	298	827	342	306	939	351	60	170	63	126	257	95

SUMBER: JABATAN LAUT MALAYSIA

Source: Marine Department Malaysia

JADUAL 3.9 : JUMLAH KESELURUHAN KAPAL-KAPAL YANG DIDAFTARKAN DI MALAYSIA MENGIKUT JENIS (PENGELASAN BARU) DAN BERAT, MALAYSIA, 2011-2015

Table 3.9 : Total of Ships Registered in Malaysia by Type (New Classification) and Weight, Malaysia, 2011-2015

JENIS KAPAL Type of Ship	2011			2012			2013			2014			2015		
	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT	BIL	GRT	NRT
	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)	No.	(' 000)	(' 000)
TANGKI MINYAK Oil Tanker	209	2,387	1,408	215	2,419	1,414	206	2,027	1,163	201	2,013	1,155	209	2,075	1,185
KAPAL LNG, LPG LNG, LPG Carrier	43	2,534	768	41	2,373	719	40	2,371	719	40	2,371	719	38	2,211	671
TANGKI KIMIA/PETROLEUM Chemical/ Petroleum Tanker	66	905	361	63	822	327	53	571	229	49	453	181	47	391	159
KAPAL PUKAL, BIJIH, KAYU BALAK Bulk, Grain, Ore, Log Carrier	17	239	141	15	193	112	14	192	111	13	164	95	13	206	127
KARGO AM, SEPARA KONTENA General Cargo, Semi Container	527	578	314	491	579	314	577	580	314	575	578	312	489	575	310
KAPAL PENUMPANG, AM/ PENUMPANG Passenger, General/ Passenger Ship	442	63	24	322	47	17	431	55	21	428	57	21	360	61	22
RO-RO	12	101	32	10	130	40	11	195	59	10	157	48	12	229	70
KONTENA PENUH Full Container	53	710	378	33	218	111	29	190	94	27	182	90	27	195	94
OFFSHORE SUPPORT VESSEL	251	237	72	249	218	66	256	244	75	263	273	84	276	316	98
TONGKANG Barge	1,455	1,406	491	1,455	1,400	489	1,427	1,378	480	1,417	1,399	489	1,431	1,493	517
LAIN-LAIN Others	2,070	2,335	1,001	2,136	2,618	1,085	2,104	2,451	968	2,116	2,691	1,046	2,232	2,906	1,139
JUMLAH Total	5,145	11,496	4,990	5,030	11,017	4,694	5,148	10,253	4,234	5,139	10,338	4,240	5,134	10,658	4,392

SUMBER: JABATAN LAUT MALAYSIA

Source: Marine Department Malaysia

JADUAL 3.10 : JUMLAH LESEN PERKAPALAN YANG DIKELUARKAN MENGIKUT JENIS KARGO DAN PENDAFTARAN OLEH LEMBAGA PERLESENAN PERKAPALAN DALAM NEGERI (LPPDN), 2011-2015

Table 3.10 : Total Number of Licenses Issued by Type of Cargo and Registration by Domestic Shipping Licensing Board (DSLБ), 2011-2015

JENIS KARGO <i>Type of Cargo</i>	2011		2012		2013		2014		2015	
	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>	848	29	881	37	926	47	870	81	844	354
KELAPA SAWIT <i>Palm Oil</i>	38	85	38	73	42	65	33	47	36	42
PETROLUUM / DIESEL <i>Petroleum / Diesel</i>	214	542	211	686	204	731	194	732	223	646
PENUMPANG <i>Passenger</i>	114	36	122	24	125	35	140	34	129	35
KONTENA <i>Container</i>	57	28	50	51	40	41	36	50	38	39
KIMIA <i>Chemical</i>	10	120	15	102	17	104	15	105	8	173
KHIDMAT TUNDA <i>Towing Services</i>	587	496	622	601	634	561	597	468	669	583
PERALATAN KERJA CARİ GALI <i>Exploration Work Equipment</i>	161	585	172	902	191	908	211	635	183	348
KENDERAAN / RO-RO <i>Vehicle / Ro-ro</i>	7	0	7	2	17	3	13	2	14	0
BAHAN BINAAN <i>Construction Material</i>	78	216	75	368	62	351	61	202	54	232
KAYU BALAK <i>Log Wood</i>	249	0	234	2	228	1	220	0	188	0
SIMEN KLİNKER <i>Clinker Cement</i>	0	45	0	57	0	45	0	37	0	27
LAIN-LAIN <i>Others</i>	98	310	106	346	165	407	230	402	281	461
JUMLAH <i>Total</i>	2,461	2,492	2,533	3,251	2,651	3,299	2,620	2,795	2,667	2,940

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), 2011-2015

Table 3.11 : Total Number of Licenses Issued by Type of License and Registration by Domestic Shipping Licensing Board (DSL B), 2011-2015

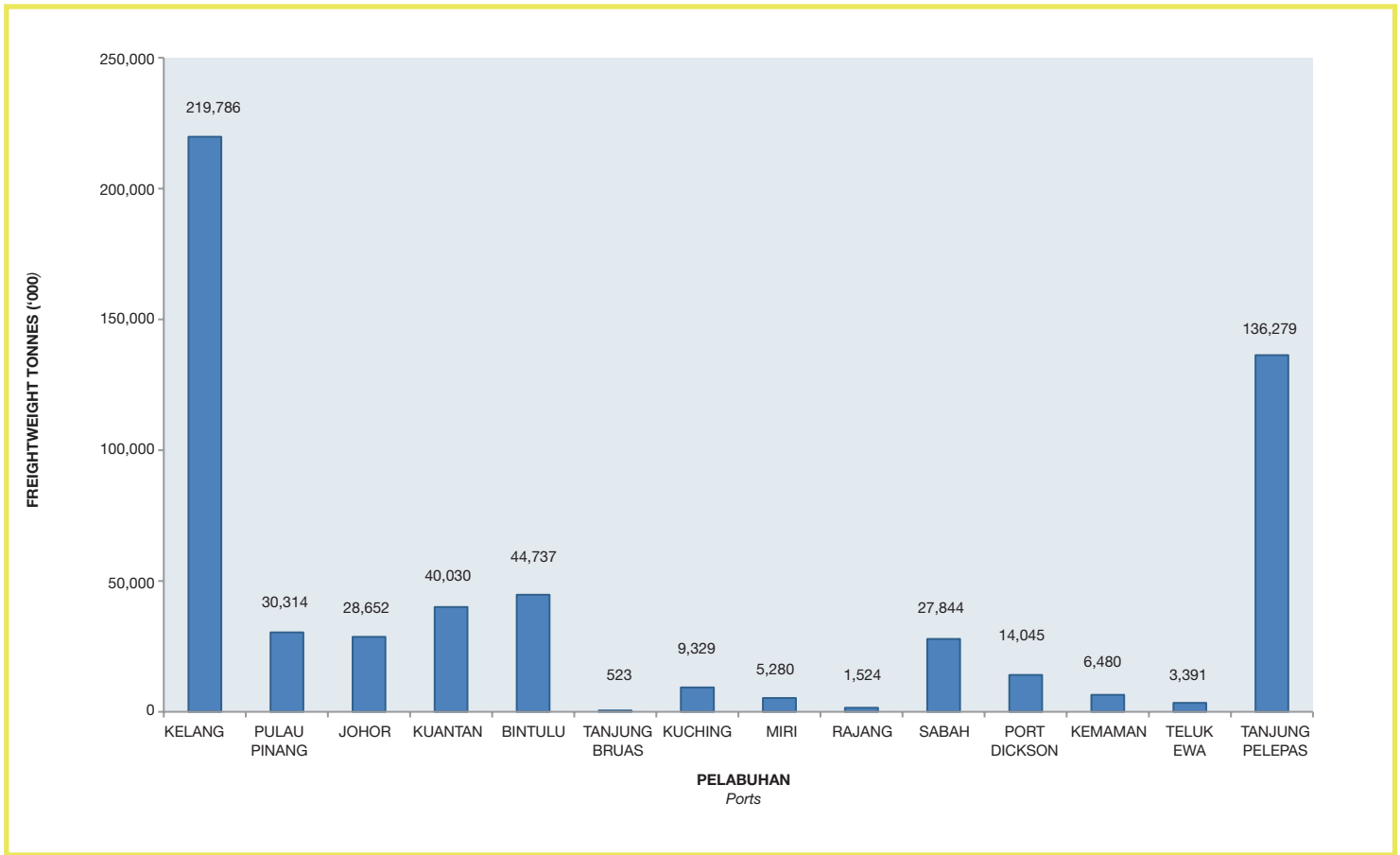
JENIS LESEN <i>Type of Licenses</i>	2011		2012		2013		2014		2015	
	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <i>Foreign Registered</i>	DAFTARAN MALAYSIA <i>Malaysian Registered</i>	DAFTARAN ASING <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>	176	2,492	251	3,251	216	3,299	346	2,795	222	2,940
BERSYARAT <i>Conditional</i>	1,987	0	2,047	0	2,163	0	1,835	0	2,210	0
TANPA SYARAT <i>Unconditional</i>	298	0	235	0	272	0	439	0	235	0
JUMLAH <i>Total</i>	2,461	2,492	2,533	3,251	2,651	3,299	2,620	2,795	2,667	2,940

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

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

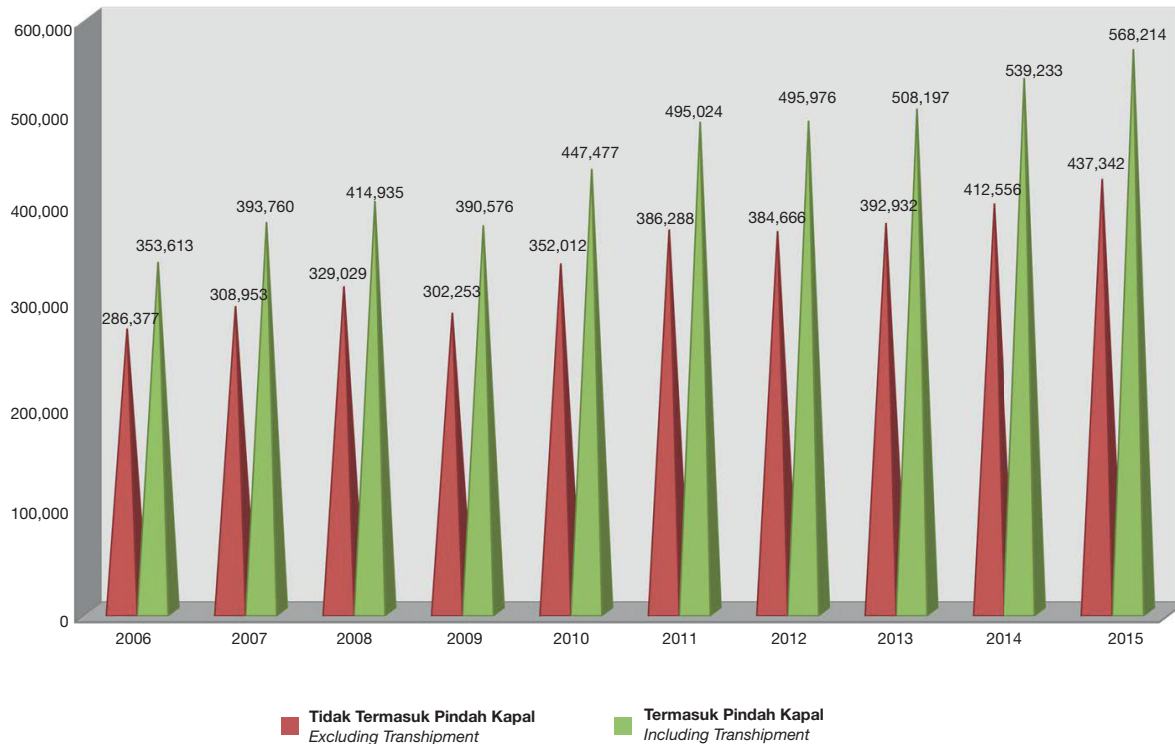
CARTA 3.1 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT PELABUHAN, MALAYSIA, 2015

Chart 3.1 : Total Cargo Throughput by Ports, Malaysia, 2015



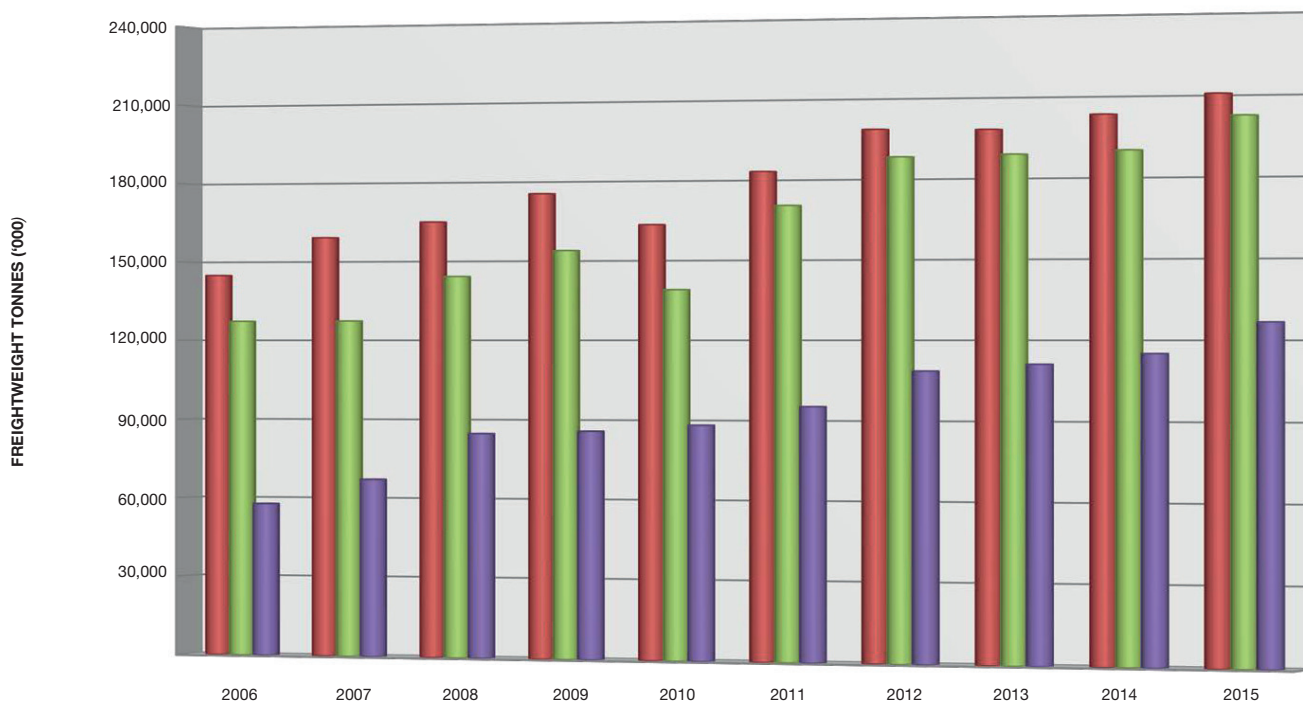
CARTA 3.2 : JUMLAH KARGO YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA , 2006-2015

Chart 3.2 : Total Cargo Throughput at Ports, Malaysia, 2006-2015



CARTA 3.3 : JUMLAH KARGO DIKENDALIKAN MENGIKUT EKSPORT, IMPORT DAN PINDAH KAPAL DI PELABUHAN, MALAYSIA, 2006-2015

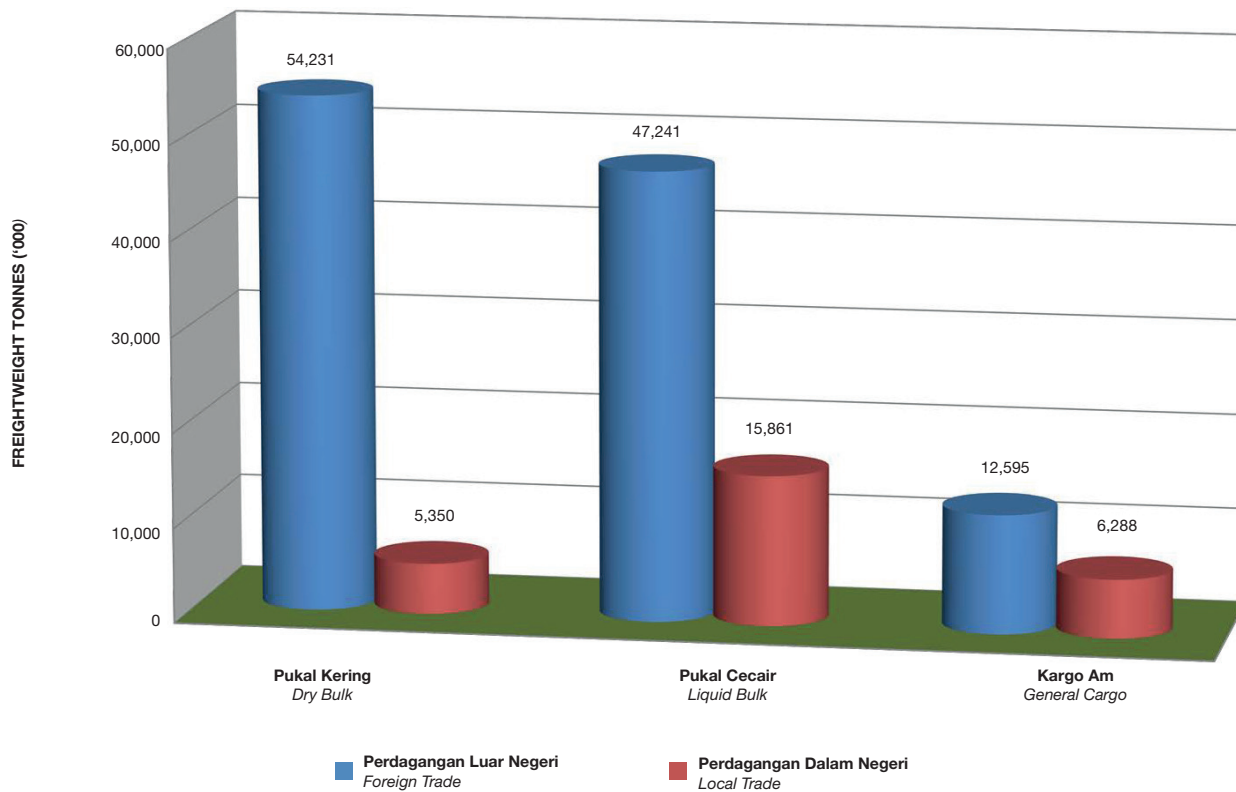
Chart 3.3 : Total Cargo Throughput by Export, Import and Transhipment at Ports, Malaysia, 2006-2015



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Ekspor / Export	159,054	164,815	175,248	163,372	182,961	198,290	197,878	203,063	210,295	235,657
Import / Import	127,336	144,138	153,782	138,957	170,253	187,997	188,656	189,868	202,260	201,686
Pindah Kapal / Transhipment	67,236	84,807	85,906	88,323	95,392	108,736	111,309	115,265	126,677	130,871

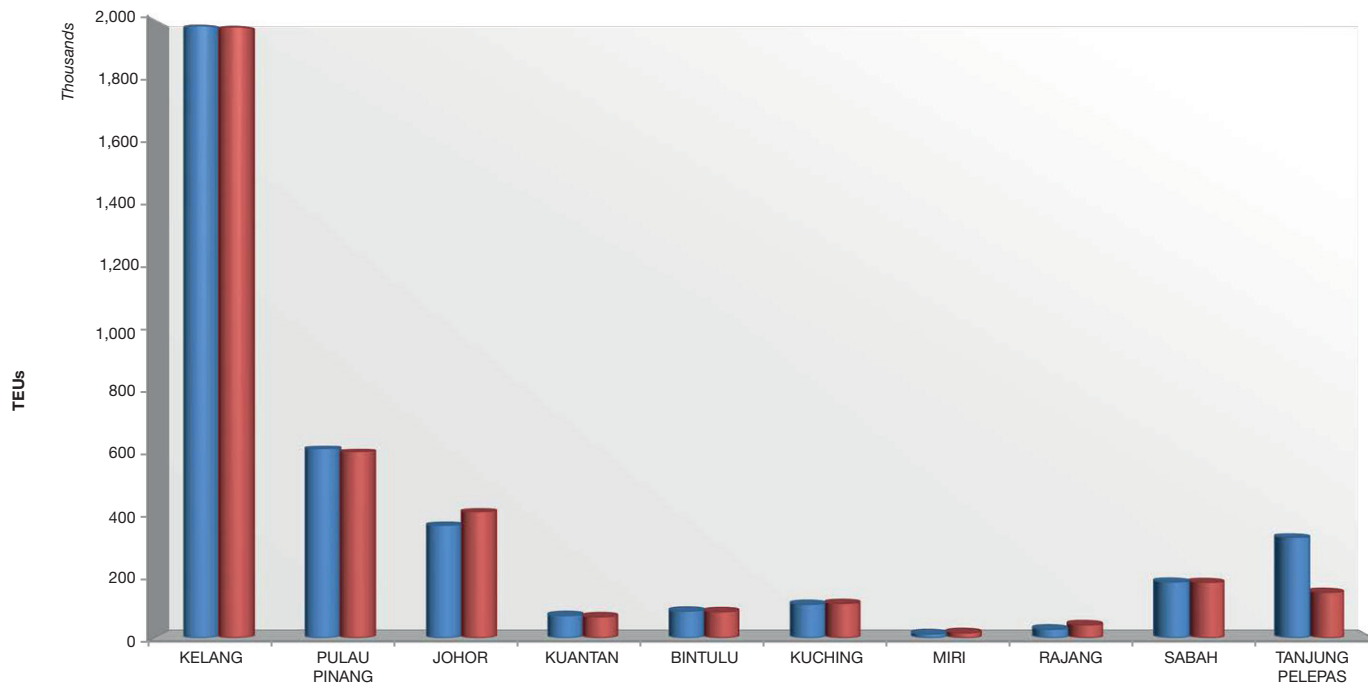
CARTA 3.4 : KENDALIAN KARGO UNTUK PERDAGANGAN DALAM NEGERI DAN LUAR NEGERI, 2015

Chart 3.4 : Cargo Handling for Local and Foreign Trade, 2015



CARTA 3.5 : PENGENDALIAN EKSPORT DAN IMPORT KONTENA MENGIKUT PELABUHAN, MALAYSIA, 2015

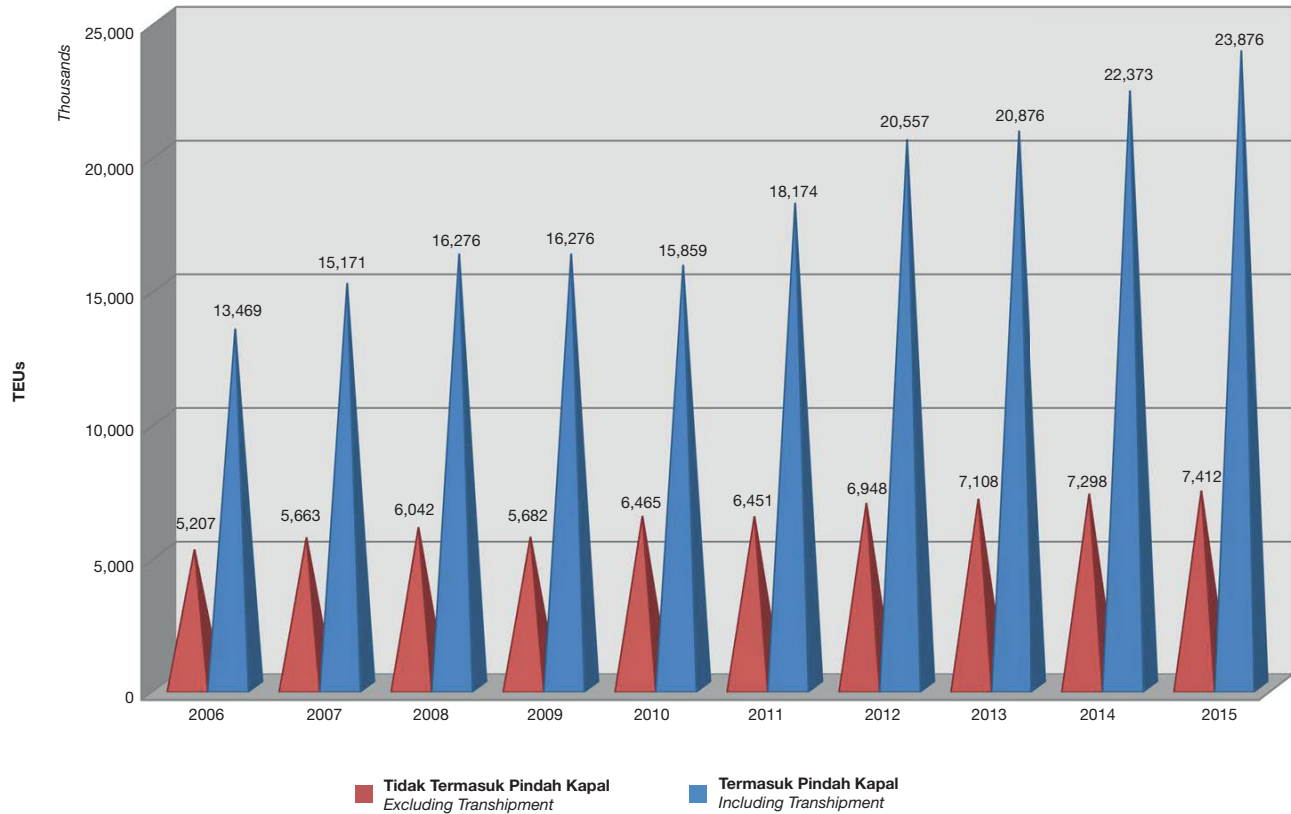
Chart 3.5 : Handling of Export and Import Container by Ports, Malaysia, 2015



	KELANG	PULAU PINANG	JOHOR	KUANTAN	BINTULU	KUCHING	MIRI	RAJANG	SABAH	TANJUNG PELEPAS
■ Eksport / Export	1,979,828	612,993	364,705	72,319	86,669	108,653	12,919	28,081	181,175	325,775
■ Import / Import	1,976,188	603,007	408,481	68,360	84,939	111,541	16,458	42,375	180,100	147,848

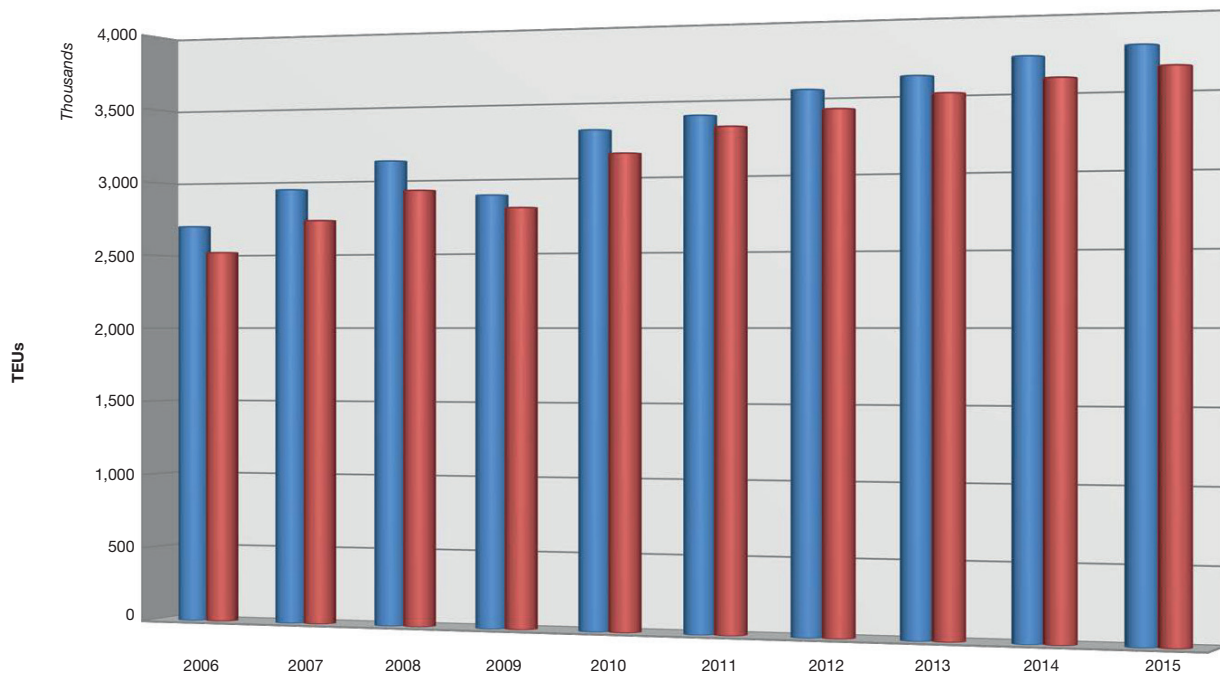
CARTA 3.6 : JUMLAH KONTENA YANG DIKENDALIKAN DI PELABUHAN, MALAYSIA, 2006-2015

Chart 3.6 : Total Container Throughput At Ports, Malaysia, 2006-2015



CARTA 3.7 : PENGENDALIAN KONTENA EKSPORT DAN IMPORT MENGIKUT TAHUN, MALAYSIA, 2006-2015

Chart 3.7 : Handling of Export and Import Container Year, Malaysia, 2006-2015



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
■ Eksport / Export	2,692,741	2,936,873	3,120,571	2,883,551	3,303,582	3,385,330	5,537,658	3,610,794	3,718,513	3,773,117
■ Import / Import	2,514,421	2,726,380	2,921,287	2,798,496	3,147,147	3,310,136	3,410,734	3,497,021	3,579,018	3,639,297



PENGANGKUTAN UDARA

Air Transport



JADUAL 4.1 : KEMUDAHAN LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2015

Table 4.1 : International Airport Facilities, Malaysia, 2015

LAPANGAN TERBANG <i>Airport</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 & PEMALIMAN UDARA <i>Radio & Air Navigational Aids</i>
KLIA	CAT IX	4124M X 60M (32R/14L) 4056M X 60M (32L/14R)	PCN 100 FCXT	24 HOURS	AIRBUS (A380)	2 X ILS/DME,VOR/DME,2 X NDB, 2 X LCTR, APP, RADAR
JOHOR	CAT VIII	3800M X 45M	PCN 70 F/C/X/T	2230 - 1600 UTC	AIRBUS A380	ILS/LLZ,GP/DME,NDB, DVOR/DME
PULAU PINANG	CAT IX	3352M X 45M	PCN 105F/B/X/U	24 HOURS	B747-800 (RESTRICTED)	ILS/LLZ,L/NDB, GP/DME, DVOR/DME
LANGKAWI	CAT VIII	3810M X 45M	PCN 77/F/C/W/T	2300 - 1500 UTC	B747	ILS/LLZ,DVOR, GP/DME,NDB
KUCHING	CAT IX	3780M X 46M	PCN 82 /F/C/X/T	24 HOURS	B747	ILS/LLZ,GP/DME,NDB, DVOR/DME
KOTA KINABALU	CAT IX	2987M X 46M	PCN 59 F/B/X/U	24 HOURS	B747	ILS/LLZ,GP/DME,L, DVOR/DME

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

JADUAL 4.2 : KEMUDAHAN LAPANGAN TERBANG DALAM NEGERI, MALAYSIA, 2015

Table 4.2 : Domestic Airport Facilities, Malaysia, 2015

LAPANGAN TERBANG <i>Airport</i>	KATEGORI PERKHIDMATAN BOIMBA & PENYELAMAT <i>Airport Fire & Rescue Services Category (AFRS)</i>	PANJANG/ LEBAR LANDASAN <i>Runway Length/ Width (m)</i>	KEUPAYAAN LAN- DASAN <i>Load Classification Number</i>	WAKTU BEROPERASI <i>Hours of Operation</i>	PENDARATAN PESAWAT TERBESAR <i>Biggest Aircraft Landed</i>	SISTEM PERHUBUNGAN & PEMALIMAN UDARA <i>Radio & Air Navigational Aids</i>
ALOR SETAR	6	2745M X 45M	PCN 96/F/C/X/T	2230 - 1430 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	ILS/LLZ,GP/DME, DVOR/DME,NDB
KOTA BHARU	6	1981M X 45M	PCN 51/F/A/W/T	2200 - 1530 UTC	B737-800	NDB, DVOR/DME, ILS/LLZ, GP/DME
KUANTAN	7	2804M X 46M	LCN 48 Tarmac	2230 - 1230 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is B734 only	L, ILS/LOC, GP/DME, DVOR/TACAN
KERTEH	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IPOH	6	1798M X 36M	PCN 77/F/C/W/T	2300 - 1300 UTC	Designed for B737 but no B737 schedule flight, biggest aircraft is ATR-72 only	L, ILS/LOC, GP/DME, VOR/DME, VOR
MELAKA	5	2135M X 45M	PCN 47/F/D/X/T	2300 - 1100 UTC	Designed for A320 but no A320 schedule flight, biggest aircraft is ATR-72 only	NDB , DVOR/DME,L
KUALA TERENGGANU	Category 9 during Hajj flights operations with B747 aircraft, and Category 6 during A320 scheduled flights	3480M X 45M	PCN 75 F/B/X/T	2300 - 1400 UTC	Designed for B747 but no B747 schedule flight except during Hajj. Biggest aircraft is A320.	DVOR / DME , LCTR ,ILS
SUBANG	7	3780M x 45M	PCN 59/F/B/X/U	24 HOURS	Designed for B747 but largest scheduled aircraft is ATR-72	ILS/LLZ,GP/DME,L,NDB DVOR/DME
PULAU TIOMAN	Fire ext.	992M X 30M	n.a	0900-1700	DASH 7	n.a
BINTULU	6	2745M X 45M	PCN 79/F/C/X/T	2245 - 1230 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	ILS/LLZ, GP/DME, NDB, DVOR/DME
MIRI	6	2745M X 60M	PCN 79/F/C/X/T	2200 - 1530 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	ILS/LLZ, GP/DME, NDB, DVOR/DME
SIBU	6	2745M X 45M	PCN 61 F / C / X / T	2230 - 1330 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	ILS/LLZ, GP/DME , MM, NDB, DVOR/DME
LAHAD DATU	5	1371M X 30M	LCN 20	0000 - 0900 UTC	ATR-72	LCTR
LABUAN	7	2745M X 45M	PCN 79/F/C/X/T	2200 - 1400 UTC	Designed for A330 but no A330 schedule flight, biggest aircraft is A320 only	NVOR/LCTR,ILS
SANDAKAN	6	2133M X 46M	LCN 90	2200 - 1400 UTC	A320	ILS/LLZ,GP/DME,NDB, DVOR/DME
TAWAU	6	2685M X 45M	PCN 69/F/C/W/T	2300 - 1400 UTC	A320	ILS/LOC, GP/DME, NDB, DVOR/DME
LIMBANG	5	1500M X 30M	PCN15/F/C/W/T	2230 - 1030 UTC	ATR 72	DVOR /DME
MULU	5	1500M X 30M	PCN12/F/C/Y/U	Dawn to 0800 UTC	ATR 72	NDB

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2015
Table 4.3 : Airstrips Facilities, Malaysia, 2015

LAPANGAN TERBANG <i>Airport</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>
SEMENANJUNG MALAYSIA <i>Peninsular Malaysia</i>					
SITIAWAN	n.a	n.a	n.a	n.a	n.a
MERSING	n.a	n.a	n.a	n.a	n.a
BIDOR	n.a	n.a	n.a	n.a	n.a
BAKRI / MUAR	n.a	n.a	n.a	n.a	n.a
SEGAMAT	n.a	n.a	n.a	n.a	n.a
SUNGAI TIANG	n.a	n.a	n.a	n.a	n.a
PULAU PANGKOR	792m X 30m	PCN 12/F/C/Y/T	0100 - 0900 UTC	DASH 7	n.a
PULAU TIOMAN	992m X302m	Tarmac	0000-0900 UTC	DASH 7	ILS/LLZ.GP/DME,L,DVOR/DME
PULAU REDANG	1100m X302m	PCN 14/F/C/Y/T	0001-0900 UTC	DASH 7	n.a
ULU BERNAM	n.a	n.a	n.a	n.a	n.a
JENDERATA	n.a	n.a	n.a	n.a	n.a
SARAWAK					
BARIO	674m X 18m	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
LAWAS	707m X18m	Bitumen sealed AUW 6,123 kgs	sunrise to sunset	DHC-6 (Twin Otter)	n.a
BELAGA	427m X 18m	n.a	No commercial flight	DHC-6 (Twin Otter)	n.a
KAPIT	427m X 18m	n.a	No commercial flight	DHC-6 (Twin Otter)	n.a
BAKELALAN	547m X 18m	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
LONG LELLANG	800m x 18m	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
LONG SEMANDO	487m x 18m	crushed stone	No commercial flight	DHC-6 (Twin Otter)	n.a
LONG SERIDAN	548m x 18m	Bitumen	0800-1700	DHC-6 (Twin Otter)	n.a
LONG BANGA	550m X 18m	Bitumen	sunrise to sunset	DHC-6 (Twin Otter)	n.a
MUKAH	1097m X 23m	Bitumen sealed AUW 6,123 kgs	sunrise to sunset	DHC-6 (Twin Otter)	n.a
MARUDI	800m X 24m	Bitumen sealed AUW 6,123 kgs	0030-1030 UTC	DHC-6 (Twin Otter)	n.a
LONG AKAH	680m X 18m	PCN12/F/C/Y/U	sunrise to sunset	DHC-6 (Twin Otter)	n.a

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.3 : KEMUDAHAN PADANG TERBANG, MALAYSIA, 2015 (SAMB.)

Table 4.3 : Airstrips Facilities, Malaysia, 2015 (Cont'd)

LAPANGAN TERBANG <i>Airport</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	730M X 18M	Asphalt AUW 6123kg	sunrise to sunset	DHC-6 Twin Otter	n.a
PAMOL	n.a	n.a	n.a	n.a	n.a
SEMPORNA	609M X 24M	n.a	No commercial flight	DHC-6 Twin Otter	n.a
RANAU	n.a	n.a	n.a	n.a	n.a
KENINGAU	n.a	n.a	n.a	n.a	n.a
LONG PASIA	610M X 23M	n.a	No commercial flight	DHC-6 Twin Otter	n.a
KUALA PENYU	n.a	n.a	n.a	n.a	n.a
SEPULOT	n.a	n.a	n.a	n.a	n.a
SAHABAT	n.a	n.a	n.a	n.a	n.a
TOMMANGGONG	n.a	n.a	n.a	n.a	n.a
TELUPID	n.a	n.a	n.a	n.a	n.a
KELABAKAN	n.a	n.a	n.a	n.a	n.a
HUNTER (MOROTAI)	n.a	n.a	n.a	n.a	n.a
KUALA KAHABA	n.a	n.a	n.a	n.a	n.a
KUALA MEDAMIT	n.a	n.a	n.a	n.a	n.a
MARAK-MARAK	n.a	n.a	n.a	n.a	n.a
MERIDI	n.a	n.a	n.a	n.a	n.a
NANGO	n.a	n.a	n.a	n.a	n.a
PARAMUDU	n.a	n.a	n.a	n.a	n.a
ULU TOMAN	n.a	n.a	n.a	n.a	n.a
WALLACE BAY	n.a	n.a	n.a	n.a	n.a

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.4 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK PENUMPANG TRANSIT), MALAYSIA, 2006-2015
Table 4.4 : Total Passengers Handled by Airports (Excluding Transit Passengers), Malaysia, 2006-2015

LAPANGAN TERBANG <i>Airports</i>	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
KLIA	23,689,111	26,097,106	27,245,269	29,398,483	33,718,562	37,313,395	39,513,546	47,143,539	48,571,834	48,617,226
PULAU PINANG	3,088,725	3,171,777	3,405,067	3,322,114	4,143,421	4,561,998	4,762,256	5,485,756	6,036,326	6,251,955
KOTA KINABALU	3,859,258	4,263,043	4,557,039	4,765,880	5,115,774	5,772,115	5,844,608	6,929,692	6,785,957	6,568,371
KUCHING	3,102,983	3,162,111	3,165,791	3,520,402	3,648,548	4,247,775	4,159,864	4,843,141	4,830,778	4,758,089
LANGKAWI	932,094	1,122,705	1,196,405	1,358,506	1,372,618	1,503,262	1,593,043	1,946,220	2,221,997	2,336,177
JOHOR BHARU	1,308,386	1,324,952	1,389,327	1,314,646	1,235,355	1,337,562	1,376,383	1,990,106	2,325,816	2,581,966
KOTA BHARU	678,306	759,316	836,060	1,003,162	1,047,755	1,132,345	1,259,205	1,585,238	1,800,836	2,063,745
IPOH	64,711	814	5,376	21,937	48,508	71,169	73,354	74,320	98,768	222,606
KUALA TERENGGANU	398,252	429,002	486,406	523,619	520,611	502,966	550,831	699,310	842,651	857,239
ALOR SETAR	292,549	291,006	307,564	421,314	400,997	407,717	433,644	535,073	660,264	719,029
MELAKA	18,315	27,209	23,751	18,576	21,887	21,261	34,352	21,637	14,178	69,710
SUBANG	83,502	95,583	307,747	819,840	1,118,309	1,320,227	1,442,514	1,858,823	2,762,399	3,059,035
KUANTAN	273,005	259,044	258,537	226,912	220,878	248,846	280,074	317,440	314,130	292,109
TIOMAN	57,559	46,260	48,767	49,057	54,056	62,010	60,141	56,054	9,217	0
PANGKOR	9,866	8,906	8,132	7,617	2,588	547	4,068	5,791	205	0
REDANG	28,928	33,738	34,957	28,246	48,610	46,159	35,922	35,982	11,087	0
LABUAN	520,636	492,152	509,653	446,848	479,481	522,320	575,646	669,137	715,052	641,846
LAHAD DATU	108,697	77,024	99,983	98,558	113,442	131,054	142,733	145,930	161,230	143,654
SANDAKAN	629,117	623,589	616,281	662,820	706,455	756,144	814,999	889,250	877,475	837,768
TAWAU	660,331	736,646	768,967	866,601	897,848	922,452	982,108	1,202,344	1,218,311	1,203,792
BINTULU	415,422	375,228	400,707	460,217	506,000	567,519	637,158	750,994	795,118	779,413
MIRI	1,518,568	1,454,167	1,536,954	1,614,736	1,676,281	1,843,005	2,005,697	2,214,660	2,355,071	2,241,913
SIBU	888,268	806,776	827,797	927,082	994,394	1,118,852	1,183,419	1,357,909	1,411,539	1,438,502
MULU	48,825	37,393	43,652	49,255	63,122	63,477	49,619	49,432	52,175	51,387
LIMBANG	87,456	49,334	49,179	45,512	48,312	56,211	57,852	61,074	63,870	58,300
STOL SABAH	5,810	1,824	3,315	-	607	4,198	4,350	3,798	3,585	4,007
STOL SARAWAK	147,119	127,681	138,998	144,323	160,230	166,168	153,590	143,678	148,136	150,340
SEMANJUNG <i>Peninsular</i>	30,923,309	33,667,418	35,553,365	38,514,029	43,953,955	48,529,464	51,419,333	61,755,289	65,669,708	67,070,797
SABAH	5,783,849	6,194,278	6,555,238	6,840,707	7,313,607	8,108,283	8,364,444	9,840,151	9,761,610	9,399,438
SARAWAK	6,208,641	6,012,690	6,163,078	6,761,527	7,096,887	8,063,007	8,247,199	9,420,888	9,656,687	9,477,944
JUMLAH <i>Total</i>	42,915,799	45,874,386	48,271,681	52,116,263	58,364,449	64,700,754	68,030,976	81,016,328	85,088,005	85,948,179

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

JADUAL 4.5 : JUMLAH PENUMPANG YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2015

Table 4.5 : Total Passengers Handled by Airports, Malaysia, 2015

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			TRANSIT Transit			PERBANDINGAN TAHUN KE TAHUN Year on Year Comparison		
	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	KETIBAAN Arrival	BERLEPAS Departure	JUMLAH Total	DALAM NEGERI Domestic	ANTARABANGSA International	JUMLAH Total	2015	2014	% +/-
KLIA	7,130,271	7,048,726	14,178,997	17,060,630	17,377,599	34,438,229	24,190,901	24,426,325	48,617,226	0	321,198	321,198	48,938,424	48,930,409	0.0%
PULAU PINANG	1,852,652	1,875,936	3,728,588	1,264,429	1,258,938	2,523,367	3,117,081	3,134,874	6,251,955	5,719	1,082	6,801	6,258,756	6,041,583	3.6%
KOTA KINABALU	2,451,182	2,457,011	4,908,193	824,879	835,299	1,660,178	3,276,061	3,292,310	6,568,371	3,068	2,022	5,090	6,573,461	6,792,968	-3.2%
KUCHING	2,235,729	2,228,243	4,463,972	142,321	151,796	294,117	2,378,500	2,380,039	4,758,089	10,265	4,099	14,364	4,772,453	4,852,822	-1.7%
LANGKAWI	1,078,072	1,081,185	2,159,257	86,643	90,277	176,920	1,164,715	1,171,462	2,336,177	0	0	-	2,336,177	2,221,997	5.1%
JOHOR BHARU	1,120,841	1,160,380	2,281,221	152,556	148,189	300,745	1,273,397	1,308,569	2,581,966	-	-	-	2,581,966	2,325,816	11.0%
KOTA BHARU	1,027,197	1,036,548	2,063,745	0	0	-	1,027,197	1,036,548	2,063,745	2	0	2	2,063,747	1,800,836	14.6%
IPOH	29,594	28,735	58,329	80,623	83,654	164,277	110,217	112,389	222,606	0	0	-	222,606	98,768	125.4%
KUALA TERENGGANU	424,058	429,704	853,762	1,765	1,712	3,477	425,823	431,416	857,239	0	0	-	857,239	842,651	1.7%
ALOR SETAR	356,669	360,135	716,804	833	1,392	2,225	357,502	361,527	719,029	0	0	-	719,029	660,264	8.9%
MELAKA	23,619	24,321	47,940	11,151	10,619	21,770	34,770	34,940	69,710	0	0	-	69,710	14,178	391.7%
SUBANG	1,378,958	1,374,211	2,753,169	153,693	152,173	305,866	1,532,651	1,526,384	3,059,035	77	32	109	3,059,144	2,762,517	10.7%
KUANTAN	126,729	125,761	252,490	19,742	19,877	39,619	146,471	145,638	292,109	0	0	-	292,109	314,130	-7.0%
TIOMAN	0	0	-	0	0	-	-	-	-	0	0	-	-	9,217	-100.0%
PANGKOR	0	0	-	0	0	-	-	-	-	0	0	-	-	205	-100.0%
REDANG	0	0	-	0	0	-	-	-	-	0	0	-	-	11,087	-100.0%
LABUAN	321,957	319,852	641,809	19	18	37	321,976	319,870	641,846	42,262	0	42,262	684,108	789,494	-13.3%
LAHAD DATU	71,122	72,532	143,654	0	0	-	71,122	72,532	143,654	0	0	-	143,654	161,230	-10.9%
SANDAKAN	415,476	422,250	837,726	14	28	42	415,490	422,278	837,768	15,643	0	15,643	853,411	900,016	-5.2%
TAWAU	589,808	593,090	1,182,898	9,080	11,814	20,894	598,888	604,904	1,203,792	0	0	-	1,203,792	1,218,616	-1.2%
BINTULLU	388,622	390,791	779,413	0	0	-	388,622	390,791	779,413	20,595	0	20,595	800,008	832,440	-3.9%
MIRI	1,084,637	1,091,936	2,176,573	31,416	33,924	65,340	1,116,053	1,125,860	2,241,913	7,293	0	7,293	2,249,206	2,363,080	-4.8%
SIBU	717,427	721,043	1,438,470	32	0	32	717,459	721,043	1,438,502	15,858	0	15,858	1,454,360	1,440,935	0.9%
MULU	26,168	25,219	51,387	0	0	-	26,168	25,219	51,387	0	0	-	51,387	60,761	-15.4%
LIMBANG	29,280	29,020	58,300	0	0	-	29,280	29,020	58,300	0	0	-	58,300	63,870	-8.7%
STOL SABAH	2,044	1,963	4,007	0	0	-	2,044	1,963	4,007	1,302	0	1,302	5,309	4,950	15.7%
STOL SARAWAK	73,080	77,260	150,340	0	0	-	73,080	77,260	150,340	13,039	0	13,039	163,379	159,300	2.6%
SEMANJANG Peninsular	14,548,660	14,545,642	29,094,302	18,632,065	19,144,430	37,776,495	33,380,725	33,690,072	67,070,797	5,798	322,312	328,110	67,398,907	66,033,658	2.1%
SABAH	3,861,589	3,866,698	7,718,287	833,992	847,159	1,681,151	4,685,561	4,713,857	9,399,438	62,275	2,022	64,297	9,463,735	9,886,914	-4.1%
SARAWAK	4,554,943	4,563,512	9,118,455	173,769	185,720	359,489	4,726,712	4,749,232	9,477,944	67,050	4,099	71,149	9,549,093	9,773,208	-2.3%
JUMLAH Total	22,955,192	22,975,852	45,931,044	19,839,826	20,177,309	40,017,135	42,795,018	43,153,161	85,948,179	135,123	328,433	463,556	86,411,735	85,673,780	0.9%

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, 2006-2015*Table 4.6 : Total Cargo Handled by Airports (Excluding Cargo in Transit), Malaysia, 2006-2015***METRIC TONNES**

LAPANGAN TERBANG <i>Airports</i>	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
KLIA	672,888	644,100	649,077	584,559	674,902	669,849	673,107	680,983	753,899	726,230
PULAU PINANG	216,658	191,637	178,921	131,130	138,576	121,804	113,605	111,852	118,812	112,748
KOTA KINABALU	28,356	35,638	34,532	21,060	21,145	27,806	23,382	21,816	23,533	24,701
KUCHING	28,552	23,059	18,863	20,616	26,835	24,574	15,724	21,890	27,939	28,993
LANGKAWI	487	524	589	572	434	646	696	598	567	647
JOHOR BHARU	4,366	5,444	5,068	5,158	6,242	5,439	3,149	3,444	4,934	5,272
KOTA BHARU	210	163	181	185	177	164	147	179	397	1,003
IPOH	357	10	0	0	0	0	34	403	296	318
KUALA TERENGGANU	70	47	24	24	50	103	147	103	148	329
ALOR SETAR	111	55	41	34	34	46	123	126	230	389
MELAKA	141	219	179	127	144	139	195	0	0	0
SUBANG	71,953	63,382	18,473	18,536	19,988	19,928	22,680	26,443	28,128	31,357
KUANTAN	109	103	70	70	49	38	57	86	46	21
TIOMAN	0	0	0	0	0	0	73	30	15	0
PANGKOR	0	0	0	0	0	0	5	21	0	0
REDANG	0	0	0	0	0	0	27	27	17	0
LABUAN	2,533	3,177	3,781	3,783	4,128	4,835	5,812	8,067	9,543	7,539
LAHAD DATU	170	0	0	0	0	42	185	200	179	158
SANDAKAN	5,475	6,224	3,055	2,099	2,806	2,295	2,470	2,891	2,495	3,143
TAWAU	3,030	2,134	1,262	1,951	3,045	3,198	2,489	2,844	3,265	3,910
BINTULU	2,187	2,249	1,978	1,903	1,703	2,071	2,571	2,528	2,306	2,378
MIRI	4,078	3,564	4,146	3,921	6,770	8,198	9,879	9,799	8,029	7,292
SIBU	1,040	892	735	856	1,133	1,147	1,596	1,407	1,433	1,300
MULU	240	191	262	346	396	370	322	354	319	232
LIMBANG	379	440	475	530	560	498	744	742	596	565
STOL SABAH	1	0	0	0	0	0	0	0	0	0
STOL SARAWAK	384	832	685	400	454	549	511	396	289	518
SEMANANJUNG <i>Peninsular</i>	967,349	905,685	852,623	740,394	840,597	818,155	814,047	824,294	907,490	878,313
SABAH	39,564	47,174	42,630	28,893	31,124	38,175	34,338	35,819	39,015	39,451
SARAWAK	36,860	31,226	27,145	28,572	37,850	37,407	31,347	37,116	40,911	41,278
JUMLAH <i>Total</i>	1,043,774	984,085	922,398	797,858	909,571	893,737	879,732	897,228	987,415	959,042

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

JADUAL 4.7 : JUMLAH KARGO YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2015

Table 4.7 : Total Cargo Handled by Airports, Malaysia, 2015

KILOGRAM

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			TRANSIT Transit			PERBANDINGAN TAHUN KE TAHUN Year on Year Comparison		
	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DALAM NEGERI Domestic	ANTARA- BANGSA International	JUMLAH Total	2015	2014	% +/-
KLIA	30,474,545	55,847,075	86,321,620	328,501,362	311,407,088	639,908,450	358,975,907	367,254,163	726,230,070	-	-	-	726,230,070	753,899,054	-3.7%
PULAU PINANG	8,824,289	5,945,149	14,769,438	49,171,958	48,806,644	97,978,602	57,996,247	54,751,793	112,748,040	4,020,381	13,623,936	17,644,317	130,392,357	141,213,494	-7.7%
KOTA KINABALU	13,701,887	9,279,145	22,981,032	570,793	1,149,112	1,719,905	14,272,680	10,428,257	24,700,937	29,226	37,881	67,107	24,768,044	23,768,530	4.2%
KUCHING	18,377,684	9,127,035	27,504,719	452,950	1,035,542	1,488,492	18,830,634	10,162,577	28,993,211	213,204	155,430	368,634	29,361,845	28,040,378	4.7%
LANGKAWI	488,143	112,950	601,093	45,595	38	45,633	533,738	112,988	646,726	0	-	-	646,726	566,602	14.1%
JOHOR BHARU	2,859,054	1,450,462	4,309,516	428,810	533,968	962,778	3,287,864	1,984,430	5,272,294	-	-	-	5,272,294	4,934,294	6.9%
KOTA BHARU	603,973	398,889	1,002,862	-	-	-	603,973	398,889	1,002,862	-	-	-	1,002,862	397,221	152.5%
IPOH	42,321	45,286	87,607	112,822	117,199	230,021	155,143	162,485	317,628	-	-	-	317,628	296,159	7.2%
KUALA TERENGGANU	195,515	133,169	328,684	0	0	-	195,515	133,169	328,684	-	-	-	328,684	148,094	121.9%
ALOR SETAR	172,316	216,578	388,894	0	0	-	172,316	216,578	388,894	-	-	-	388,894	230,169	69.0%
MELAKA	0	0	-	0	0	-	-	-	-	-	-	-	-	-	-
SUBANG	4,491,431	6,512,887	11,004,318	10,972,727	9,380,235	20,352,962	15,464,158	15,893,122	31,357,280	-	-	-	31,357,280	28,127,610	11.5%
KJANTAN	16,252	1,118	17,370	1,500	1,900	3,400	17,752	3,018	20,770	-	-	-	20,770	46,365	-55.2%
TIOMAN	0	0	-	0	0	-	-	-	-	-	-	-	-	14,510	-100.0%
PANGKOR	0	0	-	0	0	-	-	-	-	-	-	-	-	286	-100.0%
REDANG	0	0	-	0	0	-	-	-	-	-	-	-	-	17,417	-100.0%
LABUAN	2,508,483	1,303,888	3,812,371	2,369,445	1,357,587	3,727,032	4,877,928	2,661,475	7,539,403	1,184,399	1,110,044	2,294,443	9,833,846	11,590,854	-15.2%
LAHAD DATU	124,004	33,907	157,911	0	0	-	124,004	33,907	157,911	-	-	-	157,911	178,932	-11.7%
SANDAKAN	672,894	2,469,706	3,142,600	0	0	-	672,894	2,469,706	3,142,600	4,308	-	4,308	3,146,908	2,497,161	26.0%
TAWAU	982,258	2,927,821	3,910,079	0	0	-	982,258	2,927,821	3,910,079	-	-	-	3,910,079	3,264,527	19.8%
BINTULU	1,435,732	942,170	2,377,902	0	0	-	1,435,732	942,170	2,377,902	5,037	-	5,037	2,382,939	2,317,558	2.8%
MIRI	5,377,403	1,839,510	7,216,913	70,277	5,213	75,490	5,447,680	1,844,723	7,292,403	-	-	-	7,292,403	8,029,229	-9.2%
SIBU	928,834	371,251	1,300,085	0	0	-	928,834	371,251	1,300,085	3,416	-	3,416	1,303,501	1,460,001	-10.7%
MULU	231,608	0	231,608	0	0	-	231,608	-	231,608	-	-	-	231,608	318,556	-27.3%
LIMBANG	234,310	330,969	565,279	0	0	-	234,310	330,969	565,279	-	-	-	565,279	595,831	-5.1%
STOL SABAH	0	0	-	0	0	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	133,139	384,541	517,680	0	0	-	133,139	384,541	517,680	172,883	-	172,883	690,563	444,351	55.4%
SEMENANJUNG Peninsular	48,167,839	70,663,963	118,831,402	389,234,774	370,247,072	759,481,846	437,402,613	440,910,635	878,313,248	4,020,381	13,623,936	17,644,317	895,957,565	929,891,275	-3.6%
SABAH	17,989,526	16,014,467	34,003,993	2,940,238	2,506,699	5,446,937	20,929,764	18,521,166	39,450,930	1,217,933	1,147,925	2,365,858	41,816,768	41,300,004	1.3%
SARAWAK	26,718,710	12,995,476	39,714,186	523,227	1,040,755	1,563,982	27,241,937	14,036,231	41,278,168	155,430	549,970	41,828,138	41,205,904	1.5%	
JUMLAH Total	92,876,075	99,673,506	192,549,581	392,698,239	373,794,526	766,492,765	485,574,314	473,468,032	959,042,346	5,632,854	14,927,291	20,560,145	979,602,491	1,012,397,183	-3.2%

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

JADUAL 4.8 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG (TIDAK TERMASUK MEL TRANSIT), MALAYSIA, 2006-2015

Table 4.8 : Total Mail Handled by Airports (Excluding Mel in Transit), Malaysia, 2006-2015

LAPANGAN TERBANG <i>Airports</i>	METRIC TONNES									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
KLIA	4,558	8,794	18,418	17,061	19,394	25,463	29,119	32,271	33,942	35,268
PULAU PINANG	2	1	0.397	7	4	12	1	3	7	5
KOTA KINABALU	3,787	4,044	3,149	1,601	1,486	1,681	2,246	1,751	1,386	1,455
KUCHING	2,932	1,996	998	794	642	479	496	727	715	542
LANGKAWI	58	58	83	73	90	131	222	254	279	286
KOTA BHARU	171	175	236	322	322	330	214	244	281	179
IPOH	-	-	-	-	-	-	-	-	-	1
KUALA TERENGGANU	10	4	8	5	12	16	48	38	36	39
ALOR SETAR	-	-	2	55	47	58	185	224	344	430
MELAKA	-	-	-	-	-	-	-	-	-	-
SUBANG	1,656	-	-	-	-	-	-	7	0	5
KUANTAN	-	0.026	0.001	-	2	1	-	-	0	0
TIOMAN	-	-	-	-	-	-	1	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-
LABUAN	291	334	399	360	378	412	476	507	519	426
LAHAD DATU	212	157	193	212	207	213	275	165	3	0
SANDAKAN	90	9	233	254	476	459	418	287	36	71
TAWAU	102	27	281	242	439	457	497	471	197	267
BINTULU	238	83	339	382	264	218	41	53	57	54
MIRI	1,428	1,806	1,665	2,171	1,564	1,608	1,903	2,124	2,824	2,657
SIBU	680	59	-	849	287	371	226	611	604	472
MULU	-	-	-	-	-	-	-	-	-	-
LIMBANG	81	-	84	46	28	25	38	37	42	44
STOL SABAH	0.06	-	-	-	-	-	-	-	-	-
STOL SARAWAK	25	6	10	7	13	15	7	13	36	32
SEMENANJUNG <i>Peninsular</i>	6,455	9,033	18,747	17,523	19,870	26,011	29,790	33,040	34,891	36,213
SABAH	4,481	4,572	4,254	2,669	2,987	3,222	3,911	3,181	2,141	2,220
SARAWAK	5,384	3,949	3,096	4,248	2,798	2,716	2,711	3,565	4,277	3,802
JUMLAH <i>Total</i>	16,319	17,554	26,097	24,440	25,655	31,949	36,412	39,786	41,309	42,234

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.9 : JUMLAH MEL YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2015

Table 4.9 : Total Mail Handled by Airports, Malaysia, 2015

KILOGRAM

LAPANGAN TERBANG Airports	DALAM NEGERI Domestic			ANTARABANGSA International			JUMLAH Total			TRANSIT Transit		PERBANDINGAN TAHUN KE TAHUN Year on Year Comparison			
	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DIHANTAR Unloaded	DIANGKUT Loaded	JUMLAH Total	DALAM NEGERI Domestic	ANTARA- BANGSA International	JUMLAH Total	2015	2014	% +/-
KLIA	945,768	1,415,301	2,361,069	14,691,167	18,215,879	32,907,046	15,636,935	19,631,180	35,268,115	-	-	-	35,268,115	33,942,494	3.9%
PULAU PINANG	3,800	969	4,769	13	27	40	3,813	996	4,809	6,613	15,251	21,864	26,673	52,551	-49.2%
KOTA KINABALU	364,342	591,330	955,672	424,208	75,269	499,477	788,550	666,599	1,455,149	-	-	-	1,455,149	1,389,206	4.7%
KUCHING	118,903	423,403	542,306	-	-	-	118,903	423,403	542,306	557	-	557	542,863	714,529	-24.0%
LANGKAWI	197,860	87,706	285,566	-	-	-	197,860	87,706	285,566	-	-	-	285,566	279,337	2.2%
KOTA BHARU	132,565	46,904	179,469	-	-	-	132,565	46,904	179,469	-	-	-	179,469	280,556	-36.0%
IPOH	-	-	-	-	665	665	-	665	665	-	-	-	665	-	-
KUALA TERENGGANU	38,610	80	38,690	-	-	-	38,610	80	38,690	-	-	-	38,690	36,402	6.3%
ALOR SETAR	52,421	377,244	429,665	-	-	-	52,421	377,244	429,665	-	-	-	429,665	343,891	24.9%
MELAKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBANG	1	5,364	5,365	-	-	-	1	5,364	5,365	-	-	-	5,365	44	-
KUANTAN	-	-	-	-	-	-	-	-	-	-	-	-	-	407	-
TIOMAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PANGKOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LABUAN	351,973	74,456	426,429	-	-	-	351,973	74,456	426,429	292	-	292	426,721	522,929	-18.4%
LAHAD DATU	148	3	151	-	-	-	148	3	151	-	-	-	151	3,100	-95.1%
SANDAKAN	66,282	4,341	70,623	-	-	-	66,282	4,341	70,623	-	-	-	70,623	35,950	96.4%
TAWAU	251,494	15,849	267,343	-	-	-	251,494	15,849	267,343	-	-	-	267,343	196,984	35.7%
BINTULU	44,441	9,361	53,802	-	-	-	44,441	9,361	53,802	601	-	601	54,403	56,917	-4.4%
MIRI	1,968,984	687,456	2,656,440	378	-	378	1,969,362	687,456	2,656,818	-	-	-	2,656,818	2,823,981	-5.9%
SIBU	454,952	17,471	472,423	-	-	-	454,952	17,471	472,423	150	-	150	472,573	604,111	-21.8%
MULU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIMBANG	2,416	42,079	44,495	-	-	-	2,416	42,079	44,495	-	-	-	44,495	42,322	5.1%
STOL SABAH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STOL SARAWAK	16,096	15,682	31,778	-	-	-	16,096	15,682	31,778	1,574	-	1,574	33,352	37,160	-10.2%
SEMENANJUNG Peninsular	1,371,025	1,933,568	3,304,593	14,691,180	18,216,571	32,907,751	16,062,205	20,150,139	36,212,344	6,613	15,251	24,481	36,234,208	34,935,682	3.7%
SABAH	1,034,239	685,979	1,720,218	424,208	75,269	499,477	1,458,447	761,248	2,219,695	292	-	292	2,219,987	2,148,169	3.3%
SARAWAK	2,605,792	1,195,452	3,801,244	378	-	378	2,606,170	1,195,452	3,801,622	2,882	-	2,882	3,804,504	4,279,020	-11.1%
JUMLAH Total	5,011,056	3,814,999	8,826,055	15,115,766	18,291,840	33,407,606	20,126,822	22,106,839	42,233,661	9,787	15,251	25,038	42,258,699	41,362,871	2.2%

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.10 : JUMLAH PERGERAKAN PESAWAT PERDAGANGAN YANG DIKENDALIKAN MENGIKUT LAPANGAN TERBANG, MALAYSIA, 2006-2015*Table 4.10 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2006-2015*

LAPANGAN TERBANG <i>Airports</i>	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
KLIA	182,548	192,304	209,681	225,251	244,179	268,265	282,290	325,537	339,650	353,270
PULAU PINANG	31,448	34,508	38,335	38,343	44,753	50,610	49,966	56,760	63,396	64,527
KOTA KINABALU	50,594	49,881	52,463	52,677	55,089	59,638	58,366	67,601	68,776	66,945
KUCHING	37,167	34,192	36,087	41,437	42,940	49,613	43,981	53,095	50,917	50,738
LANGKAWI	8,287	10,828	12,242	12,638	13,274	14,510	15,162	17,675	21,722	22,232
JOHOR BHARU	-	-	-	13,552	11,934	12,626	12,501	37,998	42,976	41,892
KOTA BHARU	10,368	13,074	14,083	13,709	13,180	15,304	17,112	20,527	25,028	28,228
IPOH	954	12	183	384	844	1,536	1,515	1,464	1,960	3,684
KUALA TERENGGANU	3,792	4,533	6,038	6,006	5,959	6,006	6,506	7,365	9,659	10,625
ALOR SETAR	2,820	2,668	2,934	4,578	4,513	4,841	5,274	5,795	8,421	9,472
MELAKA	596	714	700	616	584	466	1,053	580	320	1,536
SUBANG	9,158	7,234	11,448	19,897	24,509	30,779	33,224	41,707	56,629	62,911
KUANTAN	2,748	3,253	3,334	2,947	2,628	3,178	3,395	3,289	3,572	3,906
TIOMAN	1,836	1,597	1,603	1,591	1,662	1,766	1,682	1,538	272	0
PANGKOR	514	517	503	502	174	32	324	258	8	0
REDANG	934	1,053	1,083	862	1,356	1,319	877	955	430	0
LABUAN	9,332	10,127	11,212	10,868	11,988	12,645	13,448	15,072	15,533	13,168
LAHAD DATU	3,203	2,195	2,922	2,922	2,860	2,941	3,058	3,321	3,689	3,646
SANDAKAN	10,034	7,719	8,991	10,214	12,095	10,757	12,177	11,536	11,715	11,267
TAWAU	8,005	6,863	7,334	8,885	9,723	9,328	9,689	11,784	12,832	12,401
BINTULU	11,388	6,542	8,933	10,948	10,994	11,270	11,444	12,428	12,246	12,197
MIRI	39,462	33,022	35,178	38,836	39,509	40,931	42,351	44,875	46,504	45,039
SIBU	15,092	11,765	14,307	16,275	17,899	18,211	15,923	17,196	17,878	18,252
MULU	2,220	1,638	1,642	1,570	1,726	1,912	1,760	2,306	2,701	2,381
LIMBANG	4,242	2,300	1,860	1,697	1,947	1,896	1,880	2,075	2,154	2,226
STOL SABAH	800	338	459	-	167	264	192	231	226	234
STOL SARAWAK	14,718	12,457	12,716	12,140	13,538	14,118	13,534	12,886	15,324	16,455
SEMANANJUNG <i>Peninsular</i>	256,003	272,295	302,167	340,876	369,549	411,238	430,881	521,448	574,043	602,283
SABAH	81,968	77,123	83,381	85,566	91,922	95,573	96,930	109,545	112,771	107,661
SARAWAK	124,289	101,916	110,723	122,903	128,553	137,951	130,873	144,861	147,724	147,288
JUMLAH <i>Total</i>	462,260	451,334	496,271	549,345	590,024	644,762	658,684	775,854	834,538	857,232

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, 2015
Table 4.11 : Total Commercial Aircraft Movements Handled by Airports, Malaysia, 2015

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>	2015	2014	% +/-
KLIA	113,876	1,050	114,926	236,818	1,526	238,344	350,694	2,576	353,270	353,270	339,650	4.0%
PULAU PINANG	40,514	-	40,514	24,013	-	24,013	64,527	-	64,527	64,527	63,396	1.8%
KOTA KINABALU	49,431	3,743	53,174	13,771	-	13,771	63,202	3,743	66,945	66,945	68,776	-2.7%
KUCHING	44,044	2,908	46,952	3,617	169	3,786	47,661	3,077	50,738	50,738	50,917	-0.4%
LANGKAWI	20,742	-	20,742	1,490	-	1,490	22,232	-	22,232	22,232	21,722	2.3%
JOHOR BHARU	23,872	14,484	38,356	2,336	1,200	3,536	26,208	15,684	41,892	41,892	42,976	-2.5%
KOTA BHARU	25,581	2,647	28,228	-	-	-	25,581	2,647	28,228	28,228	25,028	12.8%
IPOH	1,339	-	1,339	2,345	-	2,345	3,684	-	3,684	3,684	1,960	88.0%
KUALA TERENGGANU	10,581	-	10,581	42	2	44	10,623	2	10,625	10,625	9,659	10.0%
ALOR SETAR	9,454	-	9,454	-	18	18	9,454	18	9,472	9,472	8,421	12.5%
MELAKA	1,036	-	1,036	500	-	500	1,536	-	1,536	1,536	320	380.0%
SUBANG	54,737	-	54,737	8,174	-	8,174	62,911	-	62,911	62,911	56,629	11.1%
KUANTAN	3,127	-	3,127	779	-	779	3,906	-	3,906	3,906	3,572	9.4%
TIOMAN	-	-	-	-	-	-	-	-	-	-	272	-100.0%
PANGKOR	-	-	-	-	-	-	-	-	-	-	8	-100.0%
REDANG	-	-	-	-	-	-	-	-	-	-	430	-100.0%
LABUAN	10,301	2,397	12,698	419	51	470	10,720	2,448	13,168	13,168	15,533	-15.2%
LAHAD DATU	3,590	56	3,646	-	-	-	3,590	56	3,646	3,646	3,689	-1.2%
SANDAKAN	10,308	943	11,251	-	16	16	10,308	959	11,267	11,267	11,715	-3.8%
TAWAU	11,566	259	11,825	569	7	576	12,135	266	12,401	12,401	12,832	-3.4%
BINTULU	10,923	1,264	12,187	-	10	10	10,923	1,274	12,197	12,197	12,246	-0.4%
MIRI	34,318	9,574	43,892	1,147	-	1,147	35,465	9,574	45,039	45,039	46,504	-3.2%
SIBU	18,250	-	18,250	-	2	2	18,250	2	18,252	18,252	17,878	2.1%
MULU	2,381	-	2,381	-	-	-	2,381	-	2,381	2,381	2,701	-11.8%
LIMBANG	2,226	-	2,226	-	-	-	2,226	-	2,226	2,226	2,154	3.3%
STOL SABAH	230	4	234	-	-	-	230	4	234	234	226	3.5%
STOL SARAWAK	16,455	-	16,455	-	-	-	16,455	-	16,455	16,455	15,324	7.4%
SEMENANJUNG <i>Peninsular</i>	304,859	18,181	323,040	276,497	2,746	279,243	581,356	20,927	602,283	602,283	574,043	4.9%
SABAH	85,426	7,402	92,828	14,759	74	14,833	100,185	7,476	107,661	107,661	112,771	-4.5%
SARAWAK	128,597	13,746	142,343	4,764	181	4,945	133,361	13,927	147,288	147,288	147,724	-0.3%
JUMLAH <i>Total</i>	518,882	39,329	558,211	296,020	3,001	299,021	814,902	42,330	857,232	857,232	834,538	2.7%

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), 2015

Table 4.12 : Traffic Movements Between Malaysian Airports (Including Singapore), 2015

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	195,447	194,887	390,334	102,111	197,937	300,048	378,052	52,421	430,473
KUALA LUMPUR	- IPOH	-	-	-	-	-	-	-	-	-
KUALA LUMPUR	- JOHOR BHARU	338,542	307,879	646,421	470,154	1,167,633	1,637,787	-	67	67
KUALA LUMPUR	- KOTA BHARU	592,593	584,634	1,177,227	316,356	625,151	941,507	-	70,502	70,502
KUALA LUMPUR	- KOTA KINABALU	1,207,719	1,198,588	2,406,307	8,886,589	15,219,308	24,105,897	414,091	283,410	697,501
KUALA LUMPUR	- TERENGGANU	282,975	277,591	560,566	61,127	210,770	271,897	80	38,609	38,689
KUALA LUMPUR	- KUANTAN	104,579	105,906	210,485	1,530	16,306	17,836	60	-	60
KUALA LUMPUR	- KUCHING	1,072,935	1,082,557	2,155,492	6,215,695	17,530,541	23,746,236	161	109,853	110,014
KUALA LUMPUR	- LABUAN	177,956	179,139	357,095	414,870	3,271,430	3,686,300	38,998	310,018	349,016
KUALA LUMPUR	- LANGKAWI	846,461	843,447	1,689,908	71,027	456,407	527,434	87,706	193,515	281,221
KUALA LUMPUR	- MIRI	381,233	380,434	761,667	606,829	4,556,162	5,162,991	-	25,800	25,800
KUALA LUMPUR	- PULAU PINANG	953,934	930,513	1,884,447	5,319,979	5,964,022	11,284,001	60	34	94
KUALA LUMPUR	- SINGAPURA	1,778,154	1,773,576	3,551,730	11,996,955	12,750,520	24,747,475	639,714	687,956	1,327,670
KUALA LUMPUR	- SIBU	326,003	325,257	651,260	468,118	1,920,530	2,388,648	6,661	129,908	136,569
KUALA LUMPUR	- TAWAU	281,521	275,864	557,385	5,306,528	1,914,473	7,221,001	16,131	182,460	198,591
PULAU PINANG	- LANGKAWI	117,178	117,264	234,442	29,875	36,855	66,730	-	-	-
PULAU PINANG	- SINGAPURA	547,042	554,727	1,101,769	11,072,917	1,665,968	12,738,885	-	-	-
KOTA KINABALU	- JOHOR BHARU	127,175	128,704	255,879	-	-	-	-	-	-
KOTA KINABALU	- TAWAU	263,190	265,394	528,584	1,390,471	233,145	1,623,616	228	72,853	73,081
KOTA KINABALU	- LABUAN	65,813	65,423	131,236	66,363	332,581	398,944	37,014	41,493	78,507
KOTA KINABALU	- LAHAD DATU	72,552	71,763	144,315	33,994	124,743	158,737	-	148	148
KOTA KINABALU	- MIRI	117,791	117,564	235,355	12,390	234,312	246,702	-	21	21
KOTA KINABALU	- SIBU	34,826	34,993	69,819	2,141	75,856	77,997	-	-	-
KOTA KINABALU	- KUCHING	204,722	200,127	404,849	62,732	710,018	772,750	43,117	-	43,117
KOTA KINABALU	- SINGAPURA	85,582	92,946	178,528	56,429	73,985	130,414	18,687	12	18,699
KUCHING	- JOHOR BHARU	167,153	166,435	333,588	-	-	-	-	-	-
KUCHING	- PULAU PINANG	77,104	78,160	155,264	-	-	-	-	-	-
KUCHING	- SINGAPURA	118,461	126,568	245,029	362,363	356,813	719,176	-	-	-
BINTULU	- MIRI	18,291	18,236	36,527	2,130	1,783	3,913	4	-	4
MIRI	- LABUAN	65,589	68,022	133,611	9,088	12,878	21,966	-	-	-
MIRI	- SIBU	50,498	50,756	101,254	8,764	4,314	13,078	1,129	444	1,573
SANDAKAN	- TAWAU	16,172	16,992	33,164	11,515	3,398	14,913	51	-	51
LANGKAWI	- SINGAPURA	79,032	82,926	161,958	44,985	38	45,023	1	-	1
MIRI	- JOHOR BHARU	26,597	26,580	53,177	-	-	-	51	-	51

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

JADUAL 4.13 : PERGERAKAN TRAFIK UNTUK PERKHIDMATAN UDARA LUAR BANDAR, SABAH DAN SARAWAK, 2015

Table 4.13 : Traffic Movements for Rural Air Services, Sabah and Sarawak, 2015

SEKTOR Sector			PENUMPANG Passenger			KARGO (KG) Cargo (KG)			MEL (KG) Mail (KG)		
A	-	B	(A-B)	(B-A)	JUMLAH Total	(A-B)	(B-A)	JUMLAH Total	(A-B)	(B-A)	JUMLAH Total
SABAH											
BARIO	-	MARUDI	-	-	-	-	-	-	-	-	-
BELAGA	-	BINTULU	-	-	-	-	-	-	-	-	-
BINTULU	-	MUKAH	7	23	30	-	-	-	-	-	-
KOTA KINABALU	-	KUDAT	179	175	354	-	1	1	-	1	1
KOTA KINABALU	-	SANDAKAN	221,408	220,890	442,298	1,949,353	190,501	2,139,854	573	64,833	65,406
KOTA KINABALU	-	BINTULU	26,002	26,277	52,279	746	25,935	26,681	-	-	-
KUDAT	-	SANDAKAN	530	577	1,107	-	10	10	-	-	-
LAWAS	-	KOTA KINABALU	69	52	121	-	-	-	-	-	-
LIMBANG	-	KOTA KINABALU	70	97	167	-	-	-	-	-	-
MIRI	-	BARIO	8,874	9,610	18,484	-	-	-	-	1	1
SANDAKAN	-	TOMANGGONG	-	-	-	-	-	-	-	-	-
SANDAKAN	-	TAWAU	16,172	16,992	33,164	11,515	3,398	14,913	51	-	51
JUMLAH/ Total			273,311	274,693	548,004	1,961,614	219,845	2,181,459	624	64,835	65,459
SARAWAK											
KUCHING	-	BINTULU	148,046	146,804	294,850	34,838	118,868	153,706	106	18,199	18,305
KUCHING	-	LABUAN	-	-	-	493,084	109,983	603,067	-	-	-
KUCHING	-	MIRI	275,651	274,376	550,027	681,646	314,851	996,497	688	33,492	34,180
KUCHING	-	SIBU	238,600	236,735	475,335	159,032	262,467	421,499	9,079	329,030	338,109
KUCHING	-	MUKAH	14,494	12,650	27,144	21	3,076	3,097	-	-	-
LAWAS	-	MIRI	18,227	18,172	36,399	9	1,176	1,185	-	-	-
LIMBANG	-	MIRI	29,198	28,911	58,109	233,335	330,355	563,690	2,415	42,046	44,461
LIMBANG	-	LAWAS	12	12	24	331	104	435	-	-	-
MARUDI	-	MIRI	7,290	6,233	13,523	-	14	14	-	161	161
MIRI	-	MULU	16,365	17,264	33,629	-	194,862	194,862	-	-	-
MIRI	-	SIBU	50,498	50,756	101,254	8,764	4,314	13,078	1,129	444	1,573
MUKAH	-	MIRI	3,986	3,478	7,464	-	4	4	-	-	-
MUKAH	-	SIBU	16,704	19,231	35,935	-	-	-	-	-	-
SIBU	-	BINTULU	10,466	11,568	22,034	322	333	655	120	572	692
JUMLAH/ Total			829,537	826,190	1,655,727	1,611,382	1,340,407	2,951,789	13,537	423,944	437,481

SUMBER / Source : MALAYSIA AIRPORTS HOLDINGS BERHAD

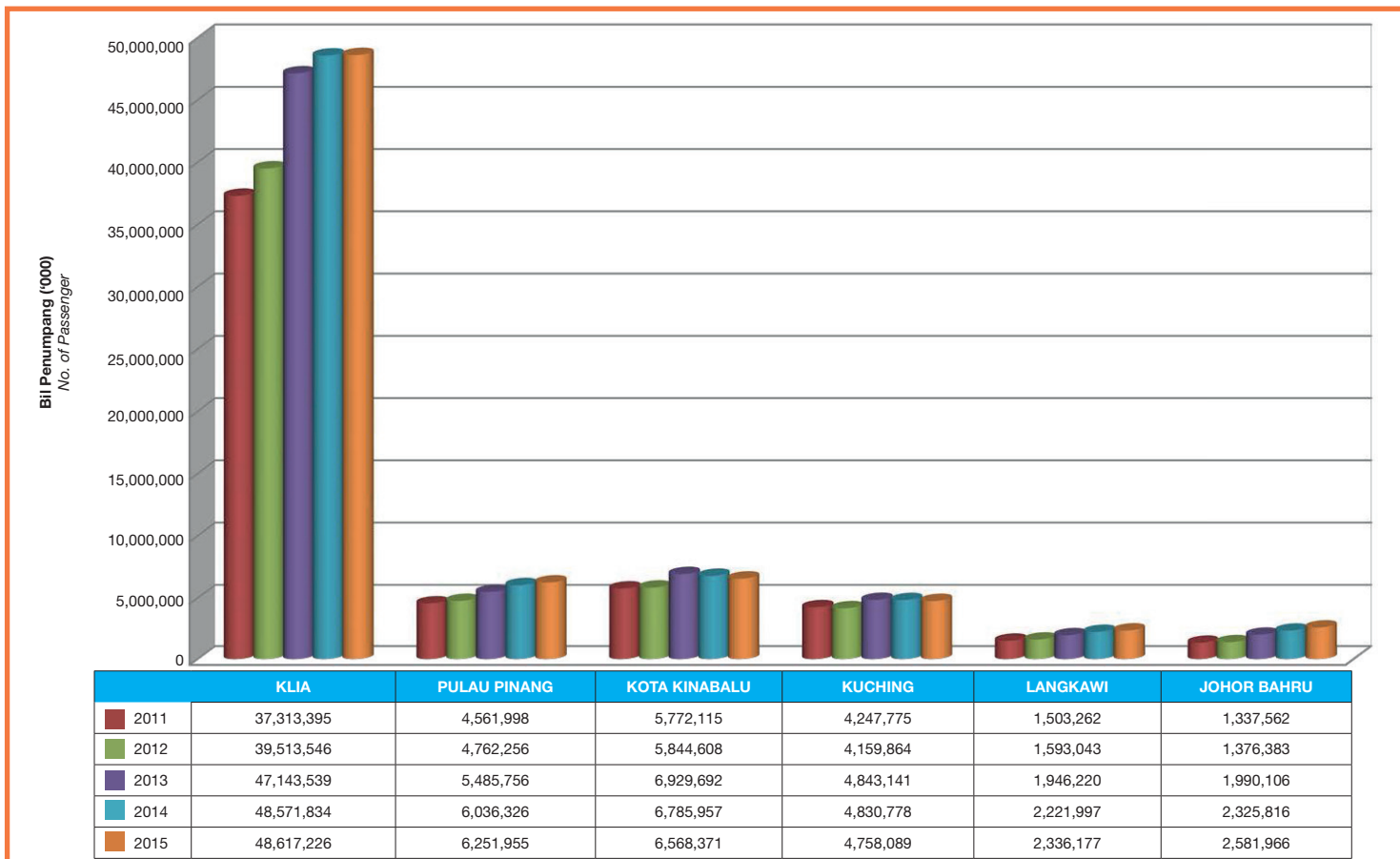
Carta 4.1 : JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2011-2015

Chart 4.1 : Total Number of Domestic and International Passengers Handled by Airport, Malaysia, 2011-2015



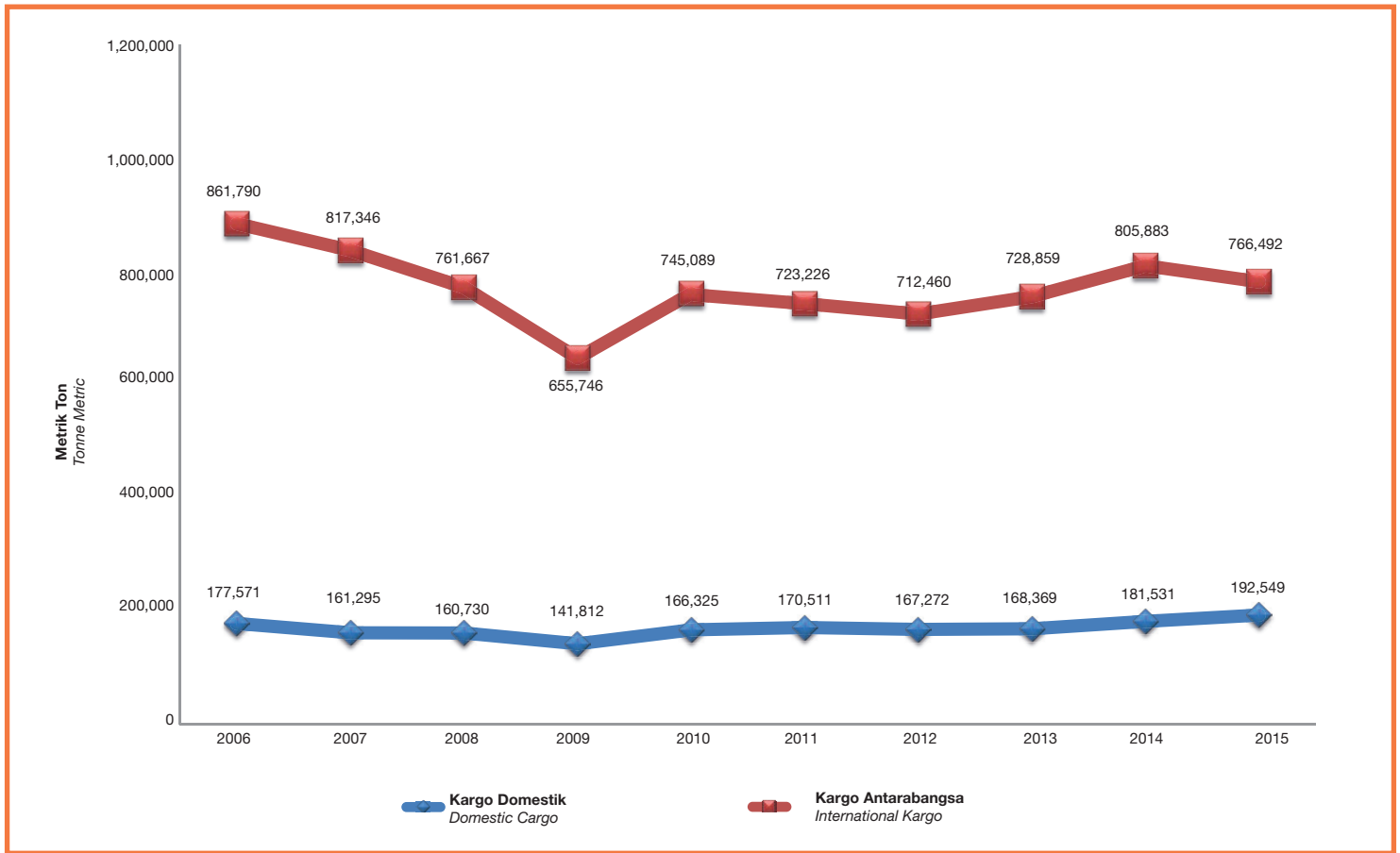
Carta 4.2 : JUMLAH PENUMPANG DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2011-2015

Chart 4.1 : Total Number of Domestic and International Passengers Handled by Airport, Malaysia, 2011-2015



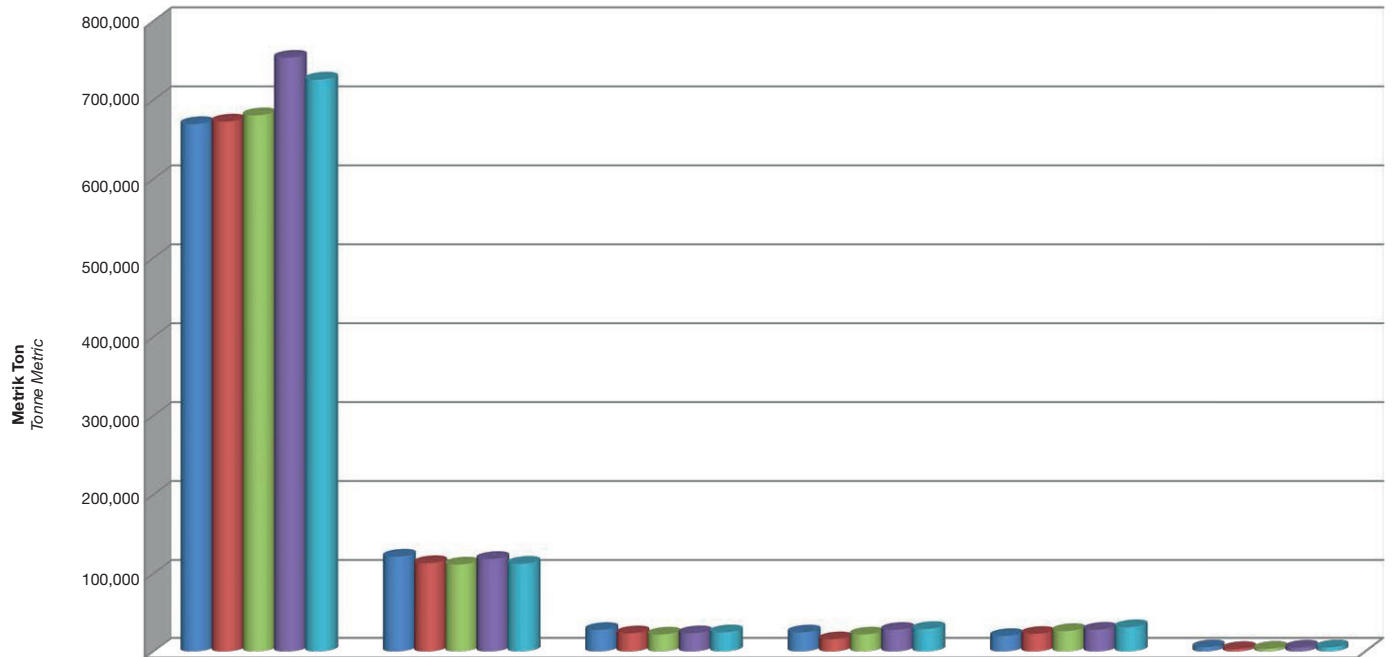
Carta 4.3 : JUMLAH KARGO DOMESTIK DAN ANTARABANGSA YANG DIKENDALIKAN DI LAPANGAN TERBANG, MALAYSIA, 2006-2015

Chart 4.3: Total Domestic and International Cargo Handled by Airport, Malaysia, 2006-2015



CARTA 4.4 : JUMLAH KARGO YANG DIKENDALIKAN OLEH LAPANGAN TERBANG ANTARABANGSA, MALAYSIA, 2011-2015

Chart 4.4 : Total Cargo Handled by International Airports , Malaysia , 2011-2015



	KLIA	PULAU PINANG	KOTA KINABALU	KUCHING	SUBANG	JOHOR BAHRU
2011	666,849	121,804	27,806	24,574	19,928	5,439
2012	673,107	113,605	23,382	15,724	22,680	3,149
2013	680,983	111,852	21,816	21,890	26,443	3,444
2014	753,899	118,812	23,533	27,939	28,128	4,934
2015	726,230	112,748	24,701	28,993	31,537	5,272

