

## Traffic snapshot

- Total MAHB network of airports (including Istanbul SGIA) registered 6.5% growth for March 2018 with 11.3million passenger traffic.
- International passengers registered a 12.4% growth with 5.4million passengers in March, while domestic passengers grew by 1.6% with 6.0million passengers.
- On a twelve month basis, the total MAHB network of airports registered 130.0million passengers, the highest recorded for the network, an increase of 7.6%. Malaysia passengers registered a 6.7% growth while Istanbul SGIA registered a 10.2% increase.
- Q1 passenger traffic registered 6.9% growth with 32.2million passengers. International traffic registered 11.8% growth while domestic grew by 2.7%.
- Malaysia passenger traffic grew by 4.0% in March 2018 with average load factors at 76.2%. International traffic grew by 11.8%. Domestic traffic declined by 3.5%.
- klia2 double digit growth trend continued with 14.0% recorded over March 2017 passenger numbers.
- Istanbul SGIA recorded a 15.2% growth for both international and domestic sectors.

**Passenger Traffic Snapshot ('000), March 2018**

Total	2018	2017	% YOY	2018	2017	%YOY	2018	2017	%YOY
	March			Year- to-date			'LTM		
<b>KLIA</b>	<b>5,233</b>	<b>4,918</b>	<b>6.4%</b>	<b>14,989</b>	<b>14,179</b>	<b>5.7%</b>	<b>59,365</b>	<b>54,312</b>	<b>9.3%</b>
<i>International</i>	<b>3,793</b>	<b>3,464</b>	<b>9.5%</b>	<b>11,036</b>	<b>10,142</b>	<b>8.8%</b>	<b>43,336</b>	<b>38,367</b>	<b>13.0%</b>
<i>ASEAN</i>	1,784	1,644	8.5%	5,135	4,719	8.8%	20,417	17,908	14.0%
<i>Non-ASEAN</i>	2,009	1,820	10.4%	5,901	5,423	8.8%	22,919	20,458	12.0%
<i>Domestic</i>	1,440	1,454	<b>-1.0%</b>	3,953	4,037	<b>-2.1%</b>	16,029	15,946	<b>0.5%</b>
<b>MASB Airports</b>	<b>3,364</b>	<b>3,352</b>	<b>0.4%</b>	<b>9,429</b>	<b>9,385</b>	<b>0.5%</b>	<b>38,127</b>	<b>37,059</b>	<b>2.9%</b>
<i>International</i>	<b>688</b>	<b>542</b>	<b>26.8%</b>	<b>1,978</b>	<b>1,607</b>	<b>23.1%</b>	<b>7,383</b>	<b>6,235</b>	<b>18.4%</b>
<i>ASEAN</i>	398	330	20.5%	1,113	952	16.8%	4,372	3,888	12.4%
<i>Non-ASEAN</i>	290	212	36.5%	866	655	32.2%	3,011	2,347	28.3%
<i>Domestic</i>	2,676	2,810	<b>-4.7%</b>	7,451	7,777	<b>-4.2%</b>	30,744	30,824	<b>-0.3%</b>
<b>Total MAHB</b>	<b>8,597</b>	<b>8,270</b>	<b>4.0%</b>	<b>24,418</b>	<b>23,564</b>	<b>3.6%</b>	<b>97,491</b>	<b>91,372</b>	<b>6.7%</b>
<b>Istanbul SGIA<sup>2</sup></b>	<b>2,729</b>	<b>2,370</b>	<b>15.2%</b>	<b>7,800</b>	<b>6,577</b>	<b>18.6%</b>	<b>32,539</b>	<b>29,526</b>	<b>10.2%</b>
<b>Total MAHB System</b>	<b>11,326</b>	<b>10,640</b>	<b>6.5%</b>	<b>32,218</b>	<b>30,141</b>	<b>6.9%</b>	<b>130,030</b>	<b>120,897</b>	<b>7.6%</b>

International	2018	2017	% YOY	2018	2017	%YOY	2018	2017	%YOY
	March			Year- to-date			LTM		
<b>KLIA</b>	<b>3,793</b>	<b>3,464</b>	<b>9.5%</b>	<b>11,036</b>	<b>10,142</b>	<b>8.8%</b>	<b>43,336</b>	<b>38,367</b>	<b>13.0%</b>
ASEAN	1,784	1,644	8.5%	5,135	4,719	8.8%	20,417	17,908	14.0%
Non-ASEAN	2,009	1,820	10.4%	5,901	5,423	8.8%	22,919	20,458	12.0%
<b>MASB Airports</b>	<b>688</b>	<b>542</b>	<b>26.8%</b>	<b>1,978</b>	<b>1,607</b>	<b>23.1%</b>	<b>7,383</b>	<b>6,235</b>	<b>18.4%</b>
ASEAN	398	330	20.5%	1,113	952	16.8%	4,372	3,888	12.4%
Non-ASEAN	290	212	36.5%	866	655	32.2%	3,011	2,347	28.3%
<b>Total KLIA &amp; MASB</b>	<b>4,481</b>	<b>4,006</b>	<b>11.8%</b>	<b>13,014</b>	<b>11,749</b>	<b>10.8%</b>	<b>50,718</b>	<b>44,602</b>	<b>13.7%</b>
ASEAN	2,182	1,974	10.5%	6,248	5,671	10.2%	24,788	21,797	13.7%
Non-ASEAN	2,299	2,032	13.1%	6,767	6,078	11.3%	25,930	22,805	13.7%
<b>Istanbul SGIA</b>	<b>888</b>	<b>771</b>	<b>15.2%</b>	<b>2,498</b>	<b>2,126</b>	<b>17.5%</b>	<b>10,711</b>	<b>9,478</b>	<b>13.0%</b>
<b>Total MAHB System</b>	<b>5,368</b>	<b>4,777</b>	<b>12.4%</b>	<b>15,512</b>	<b>13,875</b>	<b>11.8%</b>	<b>61,430</b>	<b>54,079</b>	<b>13.6%</b>

Domestic	2018	2017	% YOY	2018	2017	%YOY	2018	2017	%YOY
	March			Year- to-date			LTM		
KLIA	1,440	1,454	-1.0%	3,953	4,037	-2.1%	16,029	15,946	0.5%
MASB Airports	2,676	2,810	-4.7%	7,451	7,777	-4.2%	30,744	30,824	-0.3%
<b>Total</b>	<b>4,116</b>	<b>4,264</b>	<b>-3.5%</b>	<b>11,404</b>	<b>11,814</b>	<b>-3.5%</b>	<b>46,773</b>	<b>46,770</b>	<b>0.01%</b>
<b>Istanbul SGIA</b>	<b>1,842</b>	<b>1,599</b>	<b>15.2%</b>	<b>5,302</b>	<b>4,451</b>	<b>19.1%</b>	<b>21,827</b>	<b>20,048</b>	<b>8.9%</b>
<b>Total MAHB System</b>	<b>5,958</b>	<b>5,862</b>	<b>1.6%</b>	<b>16,706</b>	<b>16,266</b>	<b>2.7%</b>	<b>68,600</b>	<b>66,818</b>	<b>2.7%</b>

\*March is preliminary, where main variations if any lie largely from the non-scheduled or charter flights at domestic airports

\*\*MASB Airports refers to the 38 Malaysian airports other than KLIA/KUL operated by Malaysia Airports Sdn Bhd.

<sup>1</sup>LTM refers to the last twelve months, up to and including the month in question

<sup>2</sup>Istanbul SGIA is Istanbul Sabiha Gokcen International Airport with the SAW three-letter International Air Transport Association (IATA) code

**KLIA Main & klia2 Passenger Traffic Snapshot ('000), March 2018**

Airport	2018	2017	% YOY	2018	2017	%YOY	2018	2017	%YOY
	March			Year- to-date			LTM		
<b>KLIA Main Total</b>	<b>2,416</b>	<b>2,446</b>	<b>-1.2%</b>	<b>6,901</b>	<b>7,005</b>	<b>-1.5%</b>	<b>28,183</b>	<b>27,215</b>	<b>3.6%</b>
<i>International</i>	<b>1,955</b>	<b>1,821</b>	<b>7.4%</b>	<b>5,655</b>	<b>5,280</b>	<b>7.1%</b>	<b>22,503</b>	<b>20,145</b>	<b>11.7%</b>
<i>ASEAN</i>	755	713	5.9%	2,135	2,005	6.4%	8,677	7,610	14.0%
<i>Non-ASEAN</i>	1,200	1,108	8.3%	3,520	3,274	7.5%	13,826	12,536	10.3%
<i>Domestic</i>	<b>461</b>	<b>625</b>	<b>26.2%</b>	<b>1,246</b>	<b>1,726</b>	<b>27.8%</b>	<b>5,680</b>	<b>7,070</b>	<b>19.7%</b>
<b>klia2 Total</b>	<b>2,817</b>	<b>2,471</b>	<b>14.0%</b>	<b>8,088</b>	<b>7,174</b>	<b>12.7%</b>	<b>31,181</b>	<b>27,097</b>	<b>15.1%</b>
<i>International</i>	<b>1,838</b>	<b>1,643</b>	<b>11.9%</b>	<b>5,381</b>	<b>4,862</b>	<b>10.7%</b>	<b>20,833</b>	<b>18,222</b>	<b>14.3%</b>
<i>ASEAN</i>	1,030	931	10.6%	3,000	2,713	10.6%	11,740	10,299	14.0%
<i>Non-ASEAN</i>	808	712	13.5%	2,381	2,149	10.8%	9,093	7,923	14.8%
<i>Domestic</i>	<b>978</b>	<b>828</b>	<b>18.1%</b>	<b>2,707</b>	<b>2,311</b>	<b>17.1%</b>	<b>10,348</b>	<b>8,876</b>	<b>16.6%</b>

**Aircraft Traffic Snapshot, March 2018**

Total	2018	2017	% YOY	2018	2017	%YOY	2018	2017	%YOY
	March			Year- to-date			LTM		
KLIA	33,859	32,347	4.7%	98,405	92,930	5.9%	391,529	361,085	8.4%
MASB Airports	39,122	40,067	-2.4%	113,424	116,400	-2.6%	459,082	460,199	-0.2%
<b>Total</b>	<b>72,981</b>	<b>72,414</b>	<b>0.8%</b>	<b>211,829</b>	<b>209,330</b>	<b>1.2%</b>	<b>850,611</b>	<b>821,284</b>	<b>3.6%</b>
Istanbul SGIA	18,020	16,676	8.1%	51,549	47,440	8.7%	215,033	216,708	-0.8%
<b>Total MAHB System</b>	<b>91,001</b>	<b>89,090</b>	<b>2.1%</b>	<b>263,378</b>	<b>256,770</b>	<b>2.6%</b>	<b>1,065,644</b>	<b>1,037,992</b>	<b>2.7%</b>
International	2018	2017	% YOY	2018	2017	%YOY	2018	2017	%YOY
	March			Year- to-date			LTM		
KLIA	23,365	21,680	7.8%	68,724	62,205	10.5%	273,436	242,557	12.7%
MASB Airports	6,049	5,149	17.5%	18,054	15,012	20.3%	67,233	59,454	13.1%
<b>Total</b>	<b>29,414</b>	<b>26,829</b>	<b>9.6%</b>	<b>86,778</b>	<b>77,217</b>	<b>12.4%</b>	<b>340,669</b>	<b>302,011</b>	<b>12.8%</b>
Istanbul SGIA	6,422	5,929	8.3%	18,139	17,126	5.9%	77,366	78,154	-1.0%
<b>Total MAHB System</b>	<b>35,836</b>	<b>32,758</b>	<b>9.4%</b>	<b>104,917</b>	<b>94,343</b>	<b>11.2%</b>	<b>418,035</b>	<b>380,165</b>	<b>10.0%</b>
Domestic	2018	2017	% YOY	2018	2017	%YOY	2018	2017	%YOY
	March			Year- to-date			LTM		
KLIA	10,494	10,667	-1.6%	29,681	30,725	-3.4%	118,093	118,528	-0.4%
MASB Airports	33,073	34,918	-5.3%	95,370	101,388	-5.9%	391,849	400,745	-2.2%
<b>Total</b>	<b>43,567</b>	<b>45,585</b>	<b>-4.4%</b>	<b>125,051</b>	<b>132,113</b>	<b>-5.3%</b>	<b>509,942</b>	<b>519,273</b>	<b>-1.8%</b>
Istanbul SGIA	11,598	10,747	7.9%	33,410	30,314	10.2%	137,667	138,554	-0.6%
<b>Total MAHB System</b>	<b>55,165</b>	<b>56,332</b>	<b>-2.1%</b>	<b>158,461</b>	<b>162,427</b>	<b>-2.4%</b>	<b>647,609</b>	<b>657,827</b>	<b>-1.6%</b>

### **Traffic performance for MAHB's network of airports**

MAHB's network of airports (including Istanbul SGIA) recorded 11.3million passengers in March 2018, a 6.5% growth over March 2017. International traffic recorded 5.4million passengers with a year-on-year increase of 12.4% while domestic traffic grew by 1.6% recording 6.0million passengers compared to March 2017. On a last-twelve-month basis, the total MAHB network (inclusive of Istanbul SGIA) registered 7.6% growth with 130.0million passengers. This is the highest traffic handled in a 12-month period by the network. Overall aircraft movements increased by 2.1% with international movements registering an increase of 9.4% while domestic contracted by 2.1% over March 2017.

On the local front, airports in Malaysia registered 8.6million passengers in March 2017, a 4.0% year-on-year growth over March 2017. International sector recorded 4.5million passengers with a 11.8% increase while the domestic sector recorded 4.1million passengers, a decline of 3.5%. International traffic for ASEAN countries grew 10.5% to 2.2million passengers whereas non-ASEAN traffic posted a 13.1% growth to 2.3million passengers. Overall aircraft movements increased by 0.8%. International aircraft movements grew by 9.6% while domestic movements declined by 4.4% over March 2017. Average load factor for total traffic declined by 0.4 percentage points to 76.9 in March 2018 over March 2017. The decline was caused by the reduction in the domestic sector by 1.7 percentage points over March 2017.

KLIA passenger movements recorded a 6.4% increase in March 2018 registering 5.2million passenger movements over March 2017. The international sector registered a 9.5% increase with 3.8million passengers. A total of 1.8million passengers was recorded for ASEAN sector with 8.5% growth while 2.0million passengers were recorded for non-ASEAN, an increase of 10.4%. Domestic sector passengers declined by 1.0% over March 2017 with 1.4million passengers. March traffic for KLIA Main Terminal declined by 1.2% while klia2 grew by 14.0%. The last-twelve-months passenger traffic for KLIA Main Terminal recorded 28.2million passengers which is an increase of 3.6% while klia2 grew by 15.1% at 31.2million passengers over the corresponding period last year. Overall aircraft movements at KLIA increased by 4.7% over the same month last year. International aircraft movements at KLIA registered an increase of 7.8% while domestic aircraft movements declined by 1.6%.

Passenger traffic for MASB Airports grew by 0.4% year-on-year over March 2017 with 3.4million passengers in March 2018. International passenger movements grew by 26.8% with 0.7million movements. ASEAN traffic grew by 20.5% in March 2018 while non-ASEAN traffic increased by 36.5%.

Istanbul SGIA passengers increased by 15.2% to 2.7million in March 2018. Both international and domestic sectors each recorded 15.2% over March 2017. Over the last twelve months, total passengers grew by 10.2% with 32.5million movements. International passenger traffic increased by 13.6% while domestic grew by 8.9%.

### **First Quarter Traffic**

MAHB's network of airports (including Istanbul SGIA) recorded 32.2million passengers in Q1 2018 representing a growth of 6.9% over Q1 2017. International traffic registered 11.8% growth with 15.5million passengers while domestic passengers increased by 2.7% with 16.7million passengers. International aircraft movements improved by 11.2% while the domestic sector decreased by 2.4% over the same period in 2017.

Airports in Malaysia registered a 3.6% growth with 24.4million passenger traffic. International traffic increased by 10.8% while domestic traffic decline by 3.5%. Aircraft movements grew by 1.2% in Q1 2018. International movements registered 12.4% growth while domestic sector declined by 5.3% over Q1 2017.

KLIA passenger movements grew by 5.7% with 15.0million passengers in Q1 2018. International traffic registered 11.0million passengers representing 8.8% increase over Q1 2017. ASEAN and non-ASEAN traffic each registered 8.8% growth. Domestic traffic at KLIA declined by 2.1%. KLIA Main Terminal passenger movements declined by 1.5%. International traffic registered 5.7million passengers for KLIA Main Terminal representing a 7.1% growth. ASEAN traffic grew by 6.4% to 2.1million while non-ASEAN grew 7.5% with 3.5million. Domestic traffic at KLIA Main, however recorded a decline of 27.8% over Q1 2017. Traffic at klia2 grew by 12.7% with 8.1million passengers. International and domestic traffic increased by 10.7% and 17.1% respectively.

Total passenger traffic at Istanbul SGIA increased by 18.6% with 7.8million passengers over Q1 2017. International and domestic traffic increased by 17.5% and 19.1% respectively.

### **Overview of traffic**

While the international sector performed well for MAHB's network of airports (including Istanbul SGIA), there was some decline in the domestic sector for airports in Malaysia. Despite the overall credible average load factor of 75.6 percentage points for the domestic sector, there was significant reduction in the domestic aircraft movements for Malaysia by some domestic airlines. AirAsia did contribute a

large increase in seat capacity for domestic sector but less than adequate to cover the reductions and cancellations by other airlines.

Apart from the large cuts in frequencies, the decline in passenger movements registered from the domestic sector was also partly due to the high traffic base in March 2017 due to LIMA (Langkawi International Maritime and Aerospace Exhibition) in Langkawi. All the Peninsula airports recorded declines for domestic traffic while most of Sabah and Sarawak airports recorded positives. The anticipated much higher movements for domestic sector during election period has been less promising. It is expected that the domestic trend would pick up momentum from April 2018 or at the least by May 2018 based on high prevailing load factors and airlines seat capacity filings for the Northern Summer Season.

The contribution by the international sector remains buoyant both for Malaysia and Istanbul SGIA. For the Malaysia operations there was close to 2000 additional flight movements for March 2018 supporting the international sector. Most of the local and foreign airlines contributed to the international passenger growth. Apart from KLIA the four regional international airports performed exceptionally well in the international sector for March. North East Asia, South East Asia and South Asia region registered a double-digit growth over March 2017. Twenty-five airlines registered double digit growth in passenger movements. Passenger traffic between Malaysia and countries such as China, India, Turkey and Indonesia recorded growth between 16% and 22% over March 2017.

Moving forward some moderation in international growth is likely while a positive turnaround in the domestic sector for Malaysia operations is foreseen. Istanbul SGIA performance will likely maintain its growth momentum for both domestic and international passenger traffic in the immediate term.

*Research and Planning, MAHB*

*10 April 2018*