



ICAO

# ICAO Long-Term Traffic Forecasts

## Passenger and Cargo

April 2018



INTERNATIONAL CIVIL AVIATION ORGANIZATION



| ICAO

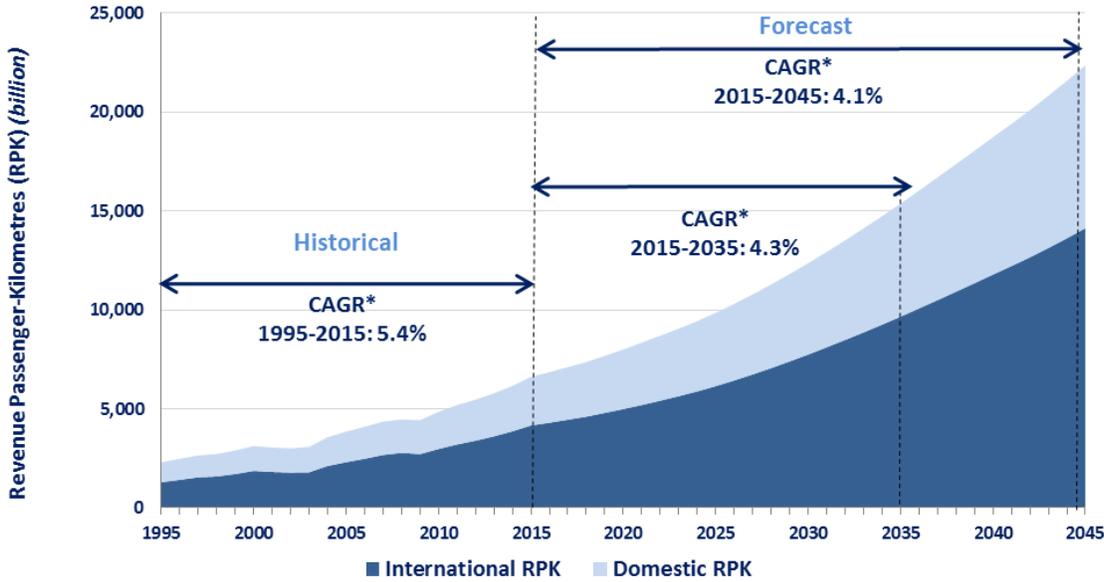
# ICAO Long-Term Traffic Forecasts

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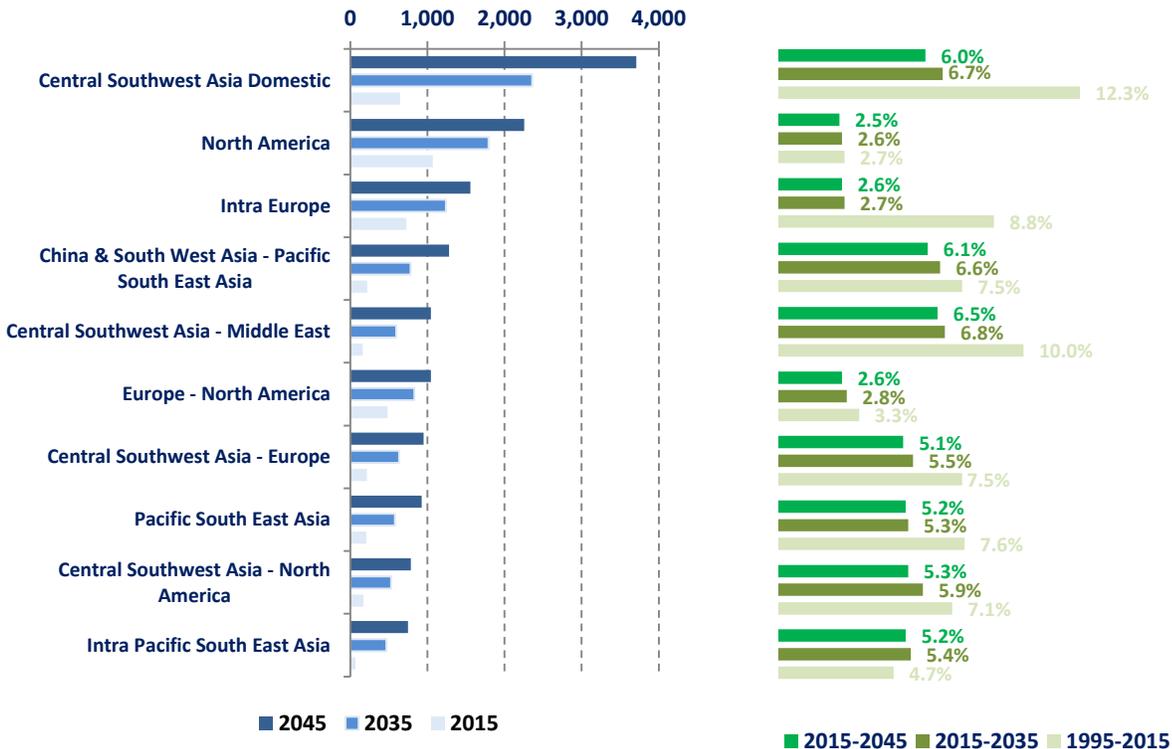
# WORLD

## Total passenger traffic: history and forecasts



Revenue Passenger-Kilometres (RPK) (billion)

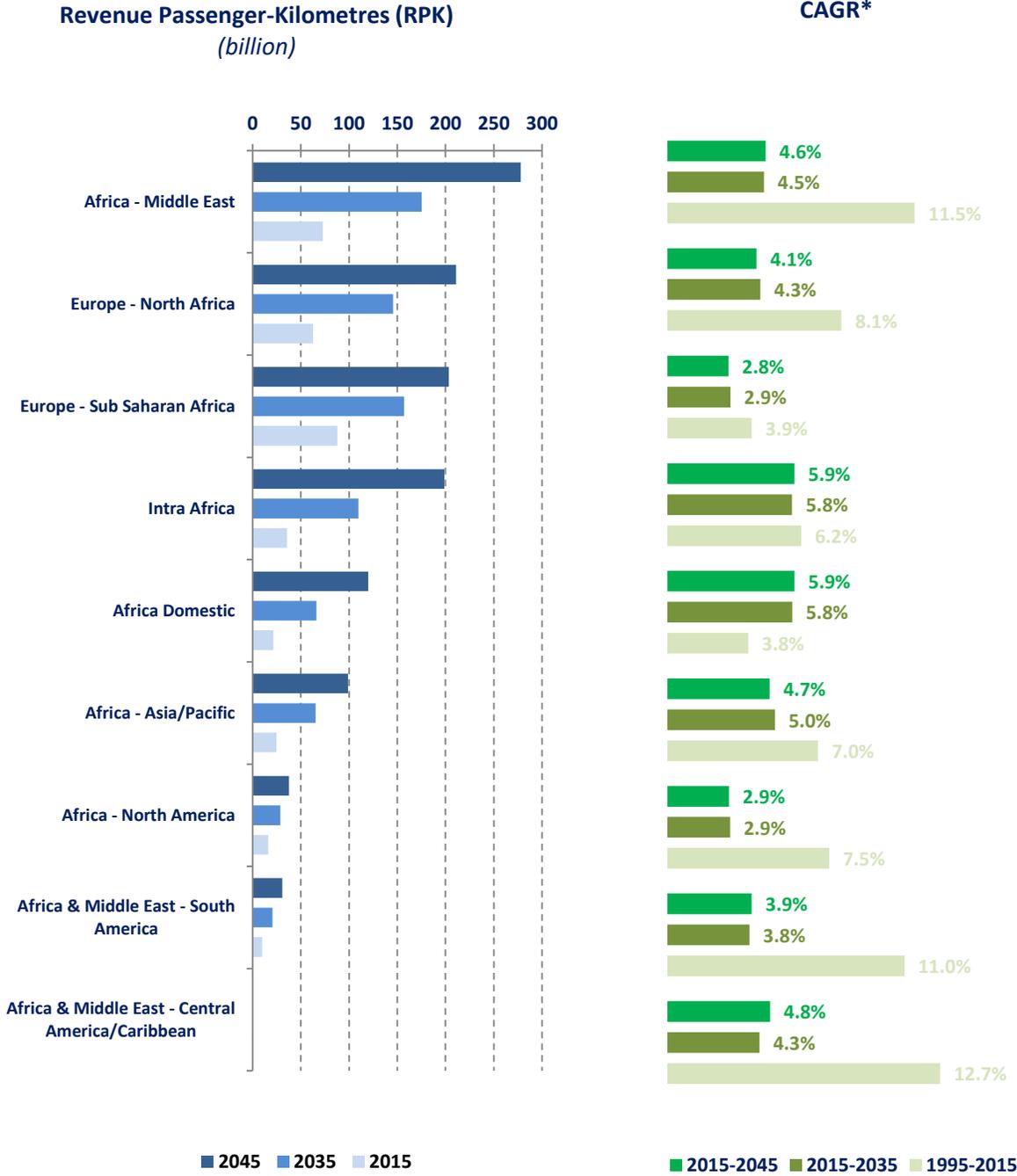
CAGR\*



\*CAGR: Compound Annual Growth Rate

**Forecast. Passenger traffic by route group by region:  
2015 vs. 2035 and 2015 vs. 2045**

# AFRICA

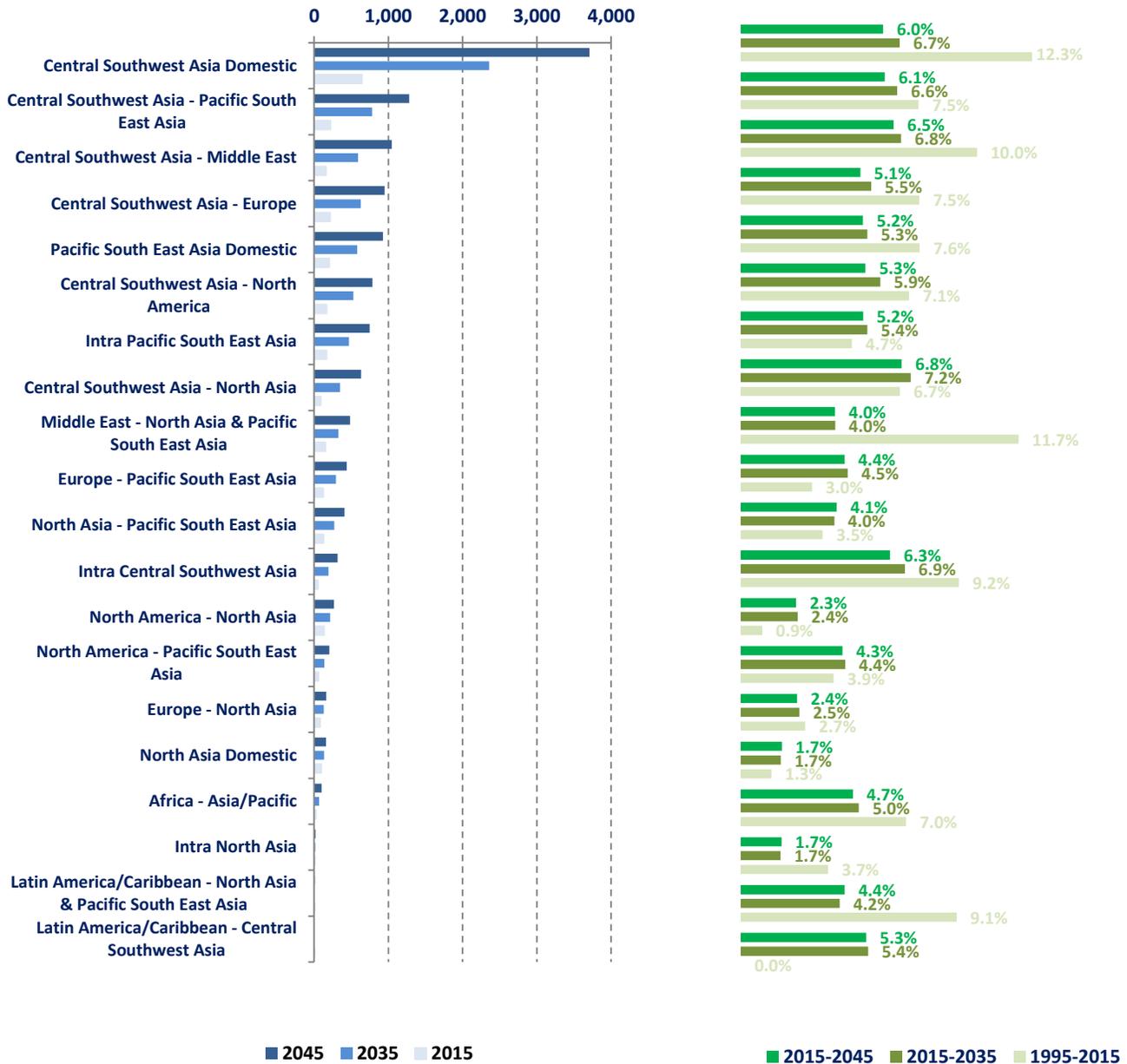


\*CAGR: Compound Annual Growth Rate

# ASIA AND PACIFIC

Revenue Passenger-Kilometres (RPK)  
(billion)

CAGR\*

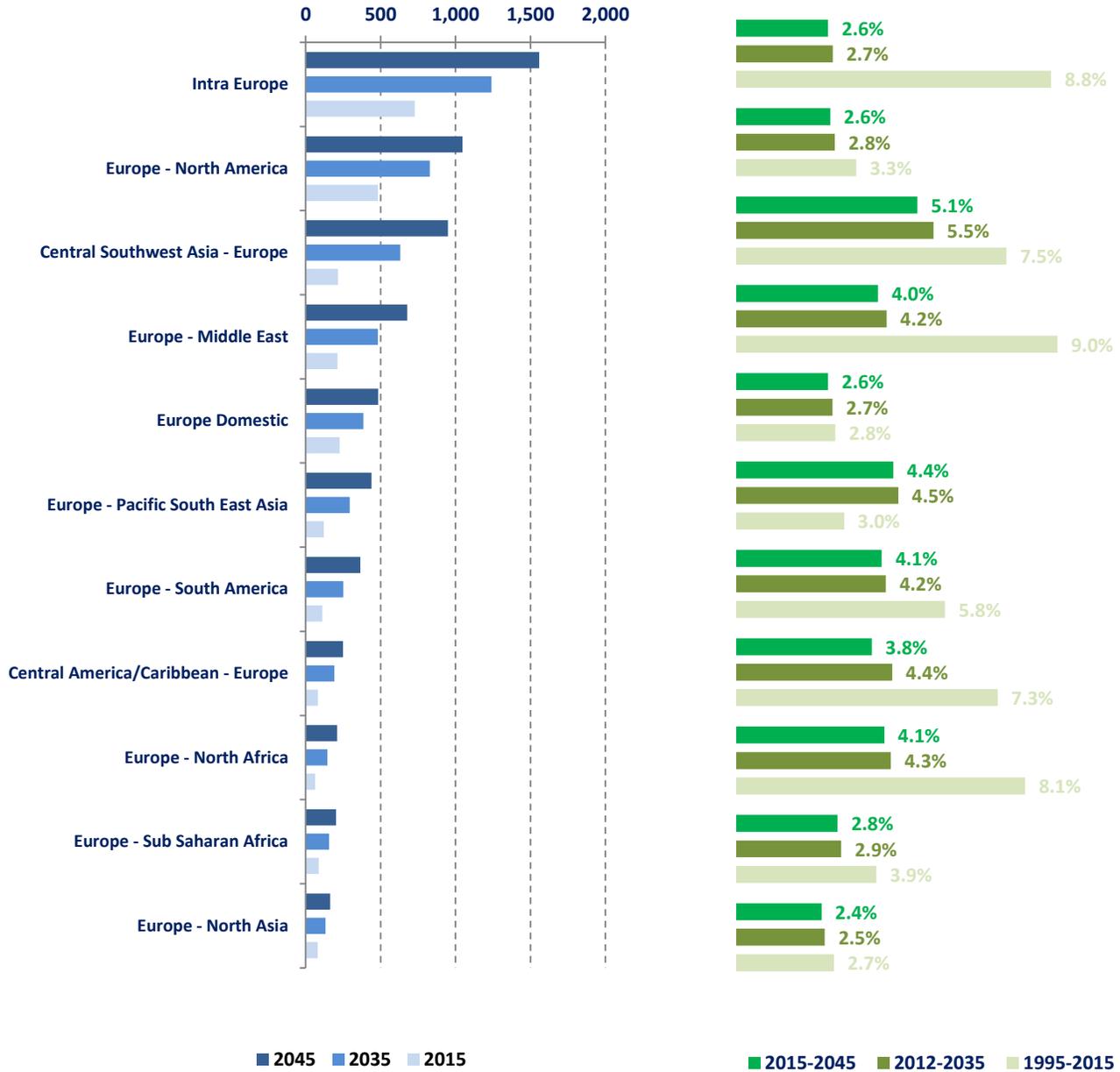


\*CAGR: Compound Annual Growth Rate

# EUROPE

Revenue Passenger-Kilometres (RPK)  
(billion)

CAGR\*

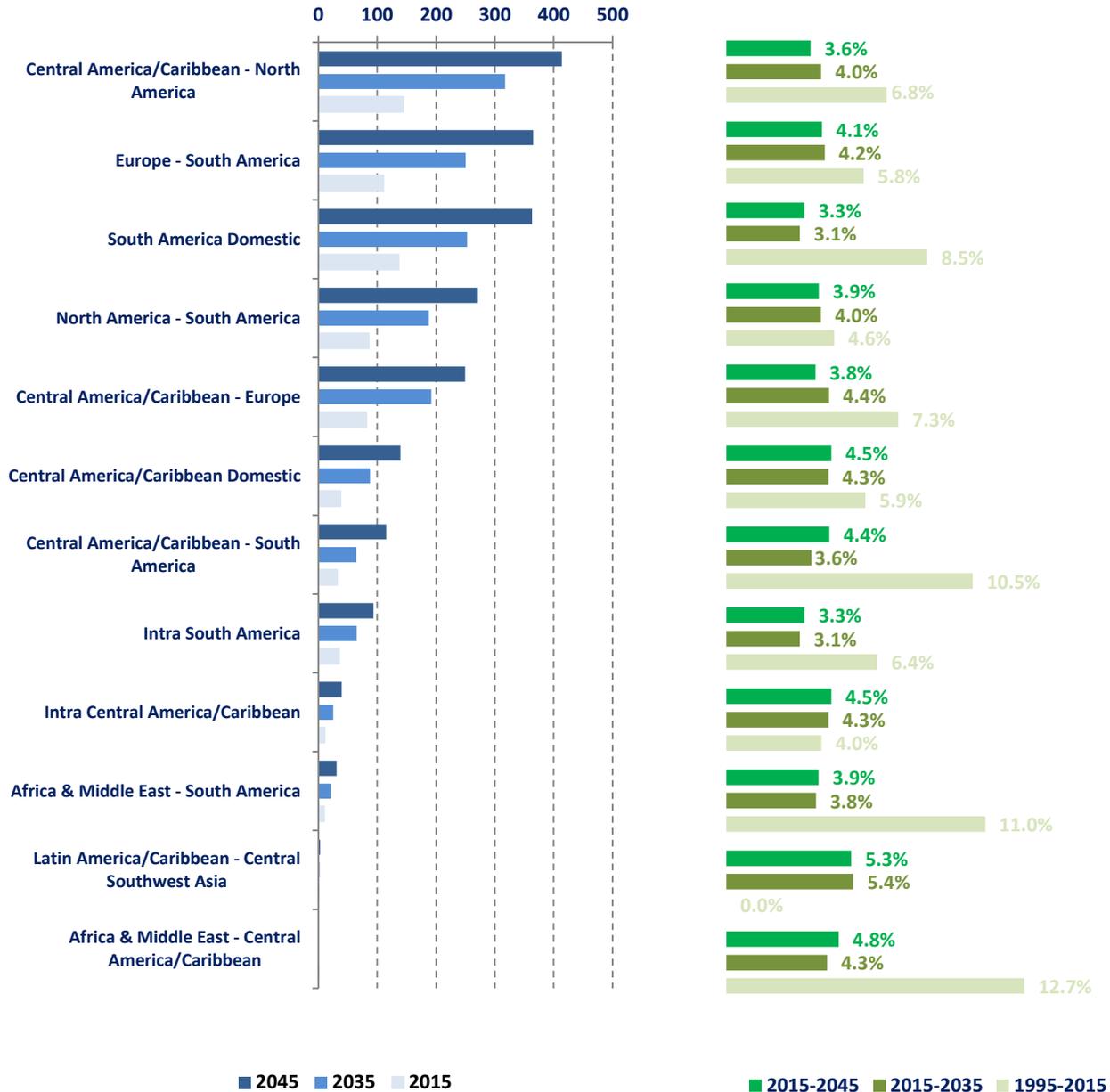


\*CAGR: Compound Annual Growth Rate

# LATIN AMERICA AND THE CARIBBEAN

Revenue Passenger-Kilometres (RPK)  
(billion)

CAGR\*

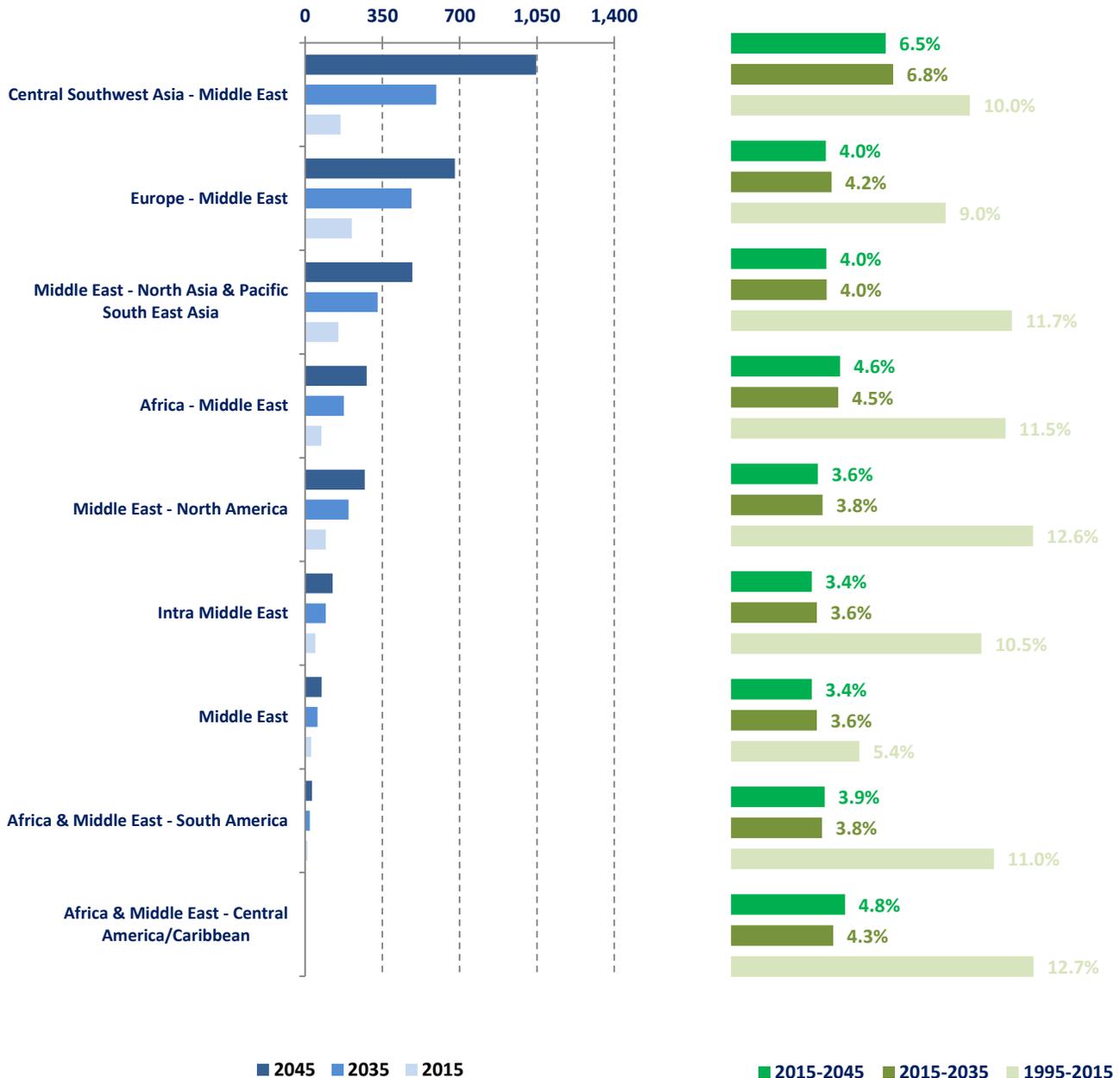


\*CAGR: Compound Annual Growth Rate

# MIDDLE EAST

Revenue Passenger-Kilometres (RPK)  
(billion)

CAGR\*

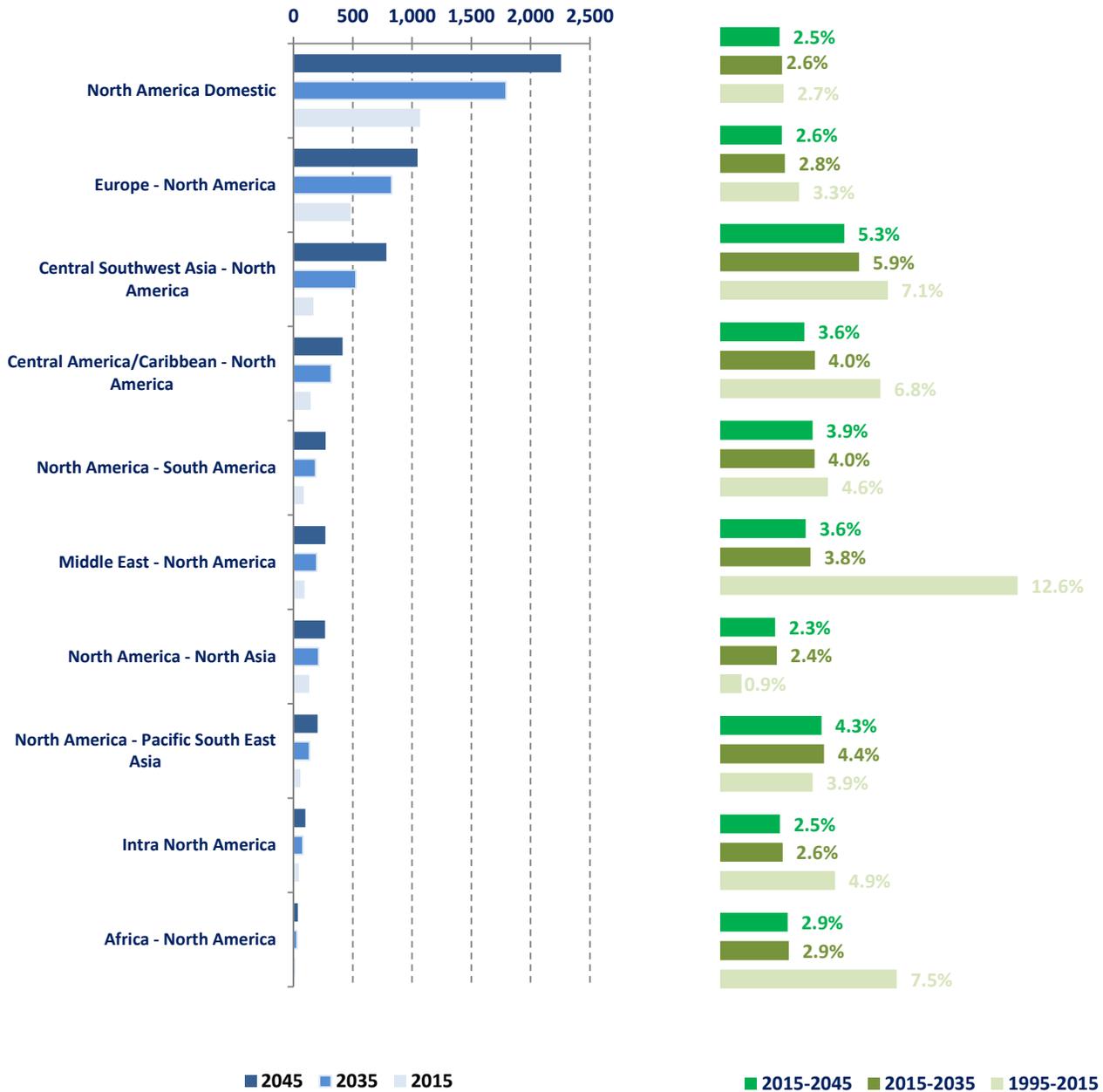


\*CAGR: Compound Annual Growth Rate

# NORTH AMERICA

Revenue Passenger-Kilometres (RPK)  
(billion)

CAGR\*



\*CAGR: Compound Annual Growth Rate

## DEFINITION OF REGIONS

### AFRICA

#### North Africa

Algeria  
Egypt  
Libya

Morocco  
Tunisia

#### Sub Saharan Africa

Benin  
Botswana  
Burkina Faso  
Burundi  
Cabo Verde  
Cameroon  
Central African Republic  
Chad  
Comoros  
Congo  
Côte d'Ivoire  
Democratic Republic of the Congo  
Djibouti  
Equatorial Guinea  
Eritrea  
Ethiopia  
Gabon  
Gambia  
Ghana  
Guinea  
Guinea-Bissau  
Kenya  
Lesotho  
Liberia

Madagascar  
Malawi  
Mali  
Mauritania  
Mauritius  
Mozambique  
Namibia  
Niger  
Nigeria  
Rwanda  
Sao Tome and Principe  
Senegal  
Seychelles  
Sierra Leone  
Somalia  
South Africa  
South Sudan  
Sudan  
Swaziland  
Togo  
Uganda  
United Republic of Tanzania  
Zambia  
Zimbabwe

## ASIA AND PACIFIC

### Central and South-West Asia

Afghanistan	Myanmar
Bangladesh	Nepal
Bhutan	Pakistan
China	Sri Lanka
India	Tajikistan
Kazakhstan	Turkmenistan
Kyrgyzstan	Uzbekistan
Mongolia	

### North Asia

Democratic People's Republic of Korea  
Japan  
Republic of Korea

### Pacific South-East Asia

Australia	Palau
Brunei Darussalam	Papua New Guinea
Cambodia	Philippines
Cook Islands	Samoa
Fiji	Singapore
Indonesia	Solomon Islands
Kiribati	Thailand
Lao People's Democratic Republic	Tonga
Malaysia	Vanuatu
Maldives	Viet Nam
Marshall Islands	Micronesia (Federated States of)
Nauru	Timor-Leste
New Zealand	

## EUROPE

Albania	Lithuania
Andorra	Luxembourg
Armenia	Malta
Austria	Monaco
Azerbaijan	Montenegro
Belarus	Netherlands
Belgium	Norway
Bosnia and Herzegovina	Poland
Bulgaria	Portugal
Croatia	Republic of Moldova
Cyprus	Romania
Czech Republic	Russian Federation
Denmark	San Marino
Estonia	Serbia
Finland	Slovakia
France	Slovenia
Georgia	Spain
Germany	Sweden
Greece	Switzerland
Hungary	The former Yugoslav Republic of Macedonia
Iceland	Turkey
Ireland	Ukraine
Italy	United Kingdom
Latvia	

## LATIN AMERICA AND THE CARIBBEAN

### Central America/ Caribbean

Antigua and Barbuda  
Bahamas  
Barbados  
Belize  
Costa Rica  
Cuba  
Dominican Republic  
El Salvador  
Grenada  
Guatemala

Haiti  
Honduras  
Jamaica  
Mexico  
Nicaragua  
Panama  
Saint Kitts and Nevis  
Saint Lucia  
Saint Vincent and the Grenadines  
Trinidad and Tobago

### South America

Argentina  
Bolivia (Plurinational State of)  
Brazil  
Chile  
Colombia  
Ecuador

Guyana  
Paraguay  
Peru  
Suriname  
Uruguay  
Venezuela (Bolivarian Republic of)

## MIDDLE EAST

Bahrain  
Iran (Islamic Republic of)  
Iraq  
Israel  
Jordan  
Kuwait  
Lebanon

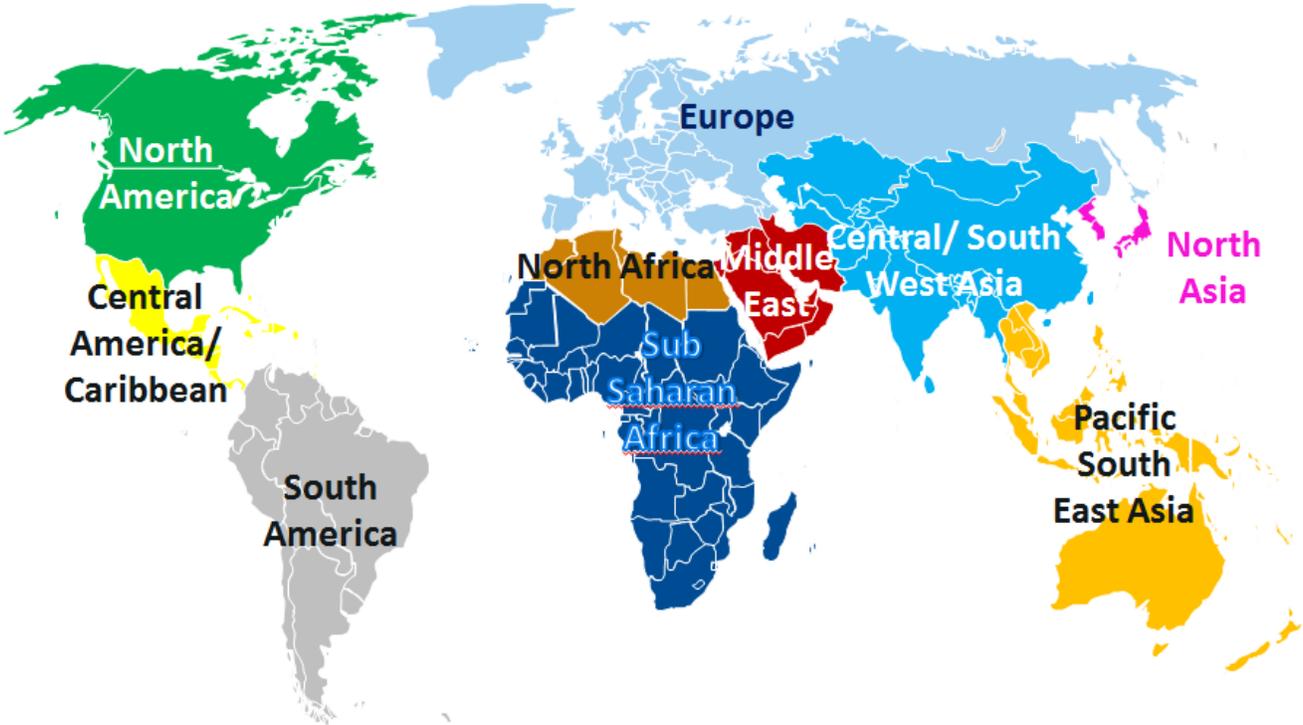
Oman  
Qatar  
Saudi Arabia  
Syrian Arab Republic  
United Arab Emirates  
Yemen

## NORTH AMERICA

Canada

United States

# World map of Long Term Forecasts Regions



## Summary of Passenger Traffic Forecasts by Route Group

Passenger traffic results in terms of RPKs

Region / Region-pair	CAGR*		
	10 Year (2015-2025)	20 Year (2015-2035)	30 Year (2015-2045)
Africa - Asia/Pacific	5.0%	5.0%	4.7%
Africa - Middle East	4.0%	4.5%	4.6%
Africa - North America	2.5%	2.9%	2.9%
Africa & Middle East - Central America/Caribbean	3.7%	4.3%	4.8%
Africa & Middle East - South America	3.1%	3.8%	3.9%
Africa Domestic	5.1%	5.8%	5.9%
Central America/Caribbean - Europe	3.9%	4.4%	3.8%
Central America/Caribbean - North America	3.6%	4.0%	3.6%
Central America/Caribbean - South America	2.6%	3.6%	4.4%
Central America/Caribbean Domestic	3.5%	4.3%	4.5%
Central South West Asia - North America	5.9%	5.9%	5.3%
Central South West Asia - North Asia	7.4%	7.2%	6.8%
Central South West Asia - Pacific South East Asia	7.2%	6.6%	6.1%
Central South West Asia - Europe	5.3%	5.5%	5.1%
Central South West Asia - Middle East	7.0%	6.8%	6.5%
Central South West Asia Domestic	7.5%	6.7%	6.0%
Europe - Middle East	3.8%	4.2%	4.0%
Europe - North Africa	3.9%	4.3%	4.1%
Europe - North America	2.5%	2.8%	2.6%
Europe - North Asia	2.1%	2.5%	2.4%
Europe - Pacific South East Asia	4.1%	4.5%	4.4%
Europe - South America	3.6%	4.2%	4.1%
Europe - Sub Saharan Africa	2.5%	2.9%	2.8%
Europe Domestic	2.4%	2.7%	2.6%
Intra Africa	5.1%	5.8%	5.9%
Intra Central America/Caribbean	3.5%	4.3%	4.5%
Intra China & South West Asia	7.7%	6.9%	6.3%
Intra Europe	2.4%	2.7%	2.6%
Intra Middle East	3.4%	3.6%	3.4%
Intra North America	2.4%	2.6%	2.5%
Intra North Asia	1.1%	1.7%	1.7%
Intra Pacific South East Asia	5.3%	5.4%	5.2%
Intra South America	2.0%	3.1%	3.3%
Latin America/Caribbean - Central South West Asia	5.6%	5.4%	5.3%
Latin America/Caribbean - North Asia & Pacific South East Asia	3.3%	4.2%	4.4%
Middle East - North America	3.5%	3.8%	3.6%
Middle East - North Asia & Pacific South East Asia	3.4%	4.0%	4.0%
Middle East Domestic	3.4%	3.6%	3.4%
North America - North Asia	2.0%	2.4%	2.3%
North America - Pacific South East Asia	4.1%	4.4%	4.3%
North America - South America	3.5%	4.0%	3.9%
North America Domestic	2.4%	2.6%	2.5%
North Asia - Pacific South East Asia	3.3%	4.0%	4.1%
North Asia Domestic	1.1%	1.7%	1.7%
Pacific South East Asia Domestic	5.3%	5.3%	5.2%
South America Domestic	2.0%	3.1%	3.3%
<b>World Total</b>	<b>4.1%</b>	<b>4.3%</b>	<b>4.1%</b>

\*CAGR: Compound Annual Growth Rate

## Summary of Total Cargo Traffic Forecasts by Region of Airline Registration

(Scheduled Services)

Cargo traffic results in terms of FTKs

Region	CAGR*		
	2015-2025	2015-2035	2015-2045
Africa	3.4%	3.8%	3.9%
Asia and Pacific	4.9%	4.3%	3.9%
Europe	2.9%	2.7%	2.5%
Latin America and the Caribbean	1.4%	1.6%	1.6%
Middle East	5.6%	5.7%	5.4%
North America	3.2%	2.8%	2.6%
WORLD	4.1%	3.9%	3.6%

\*CAGR: Compound Annual Growth Rate