

ASIA-PACIFIC²⁰⁶

Air transport supported 46.7 million jobs and \$944 billion in Asia-Pacific economic activity. That is 2.5% of all employment and 3.1% of all GDP in Asia-Pacific countries in 2018.

Every person directly employed in the aviation sector and in tourism made possible by aviation supported another 10.1 jobs elsewhere in the Asia-Pacific region. Similarly, \$3.20 of economic activity was supported elsewhere in Asia-Pacific for every \$1 of gross value added directly created by the air transport sector.

The aviation sector in the Asia-Pacific region directly employed 4.2 million people in 2018. A sub-sectoral analysis of these workers suggests that:

- » **1.8 million of them (42% of the total)** were employed by airlines or handling agents as, for example, flight crew, check-in staff, maintenance crew, or head office staff;
- » **271,000 (6%)** had jobs with airport operators in, for example, airport management, maintenance, and security;
- » **1.9 million (45%)** worked on-site at airports in, for example, retail outlets, restaurants, and hotels;
- » **176,000 (4%)** were employed in the manufacture of civil aircraft (including systems, components, airframes, and engines); and
- » **80,000 (2%)** worked for air navigation service providers in, for example, air traffic control and engineering.

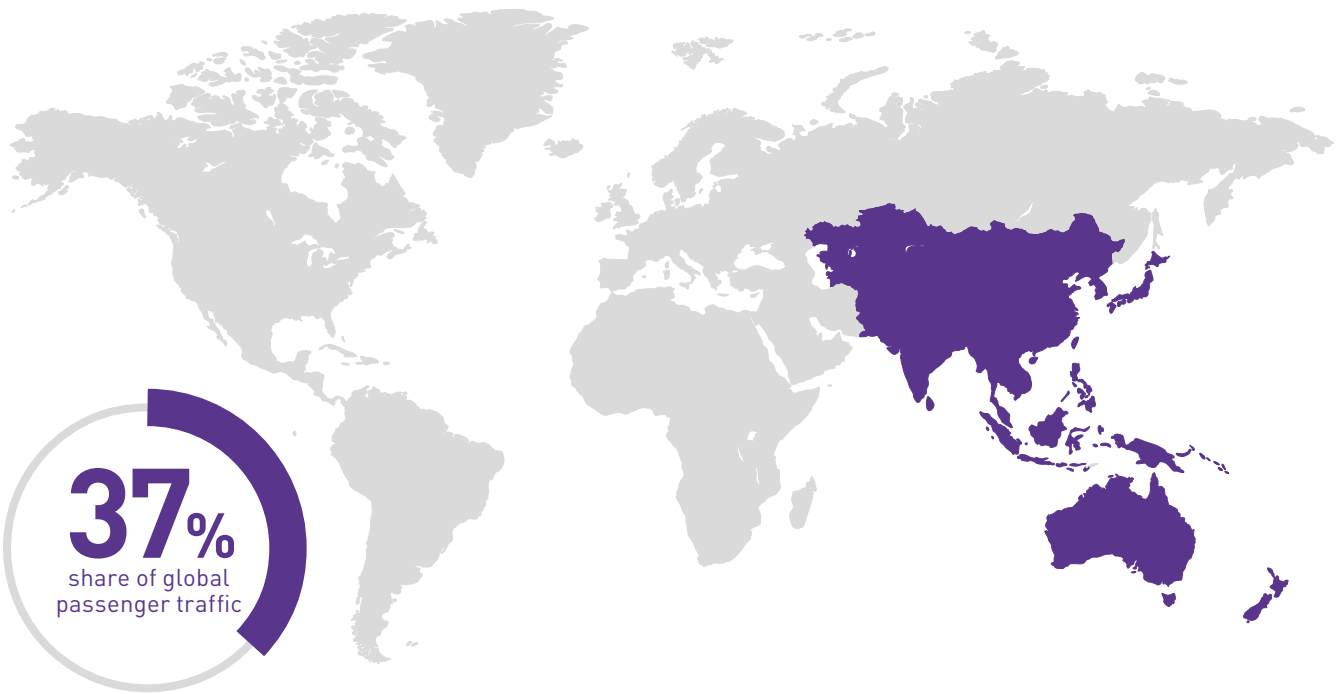
Airlines, airport operators, retailers and other on-site businesses at airports and air navigation service providers and civil aircraft manufacturers also contribute to GDP in Asia-Pacific countries. In 2018, the operations of these businesses directly generated a \$225 billion contribution to GDP, about the equivalent to the entire GDP of Bangkok.

The aviation sector's spending with suppliers is estimated to have supported a further 10.1 million jobs and a \$203 billion gross value-added contribution to GDP. In addition, wage payments to staff – by the aviation sector and businesses in the aviation sector's supply chain – supported 7.0 million more jobs and a \$162 billion gross value-added contribution to GDP.

The aviation sector also facilitates a substantial amount of tourism in the Asia-Pacific region. This stimulates still more economic activity, as tourists spend their money with restaurants, hotels, retailers, tour operators, and other providers of consumer goods and services. In 2018, spending by foreign visitors who flew to Asia-Pacific countries supported an estimated 25 million jobs and a \$354 billion contribution to GDP.

In total, accounting for the sector's direct impact, its supply chain impact, its wage expenditure impact, and the impact of tourism made possible by air transport, the aviation sector supported 46.7 million jobs and a \$944 billion contribution to GDP in the Asia-Pacific region in 2018.

Air travel in Asia-Pacific is expected to continue to grow at about 4.2% per year over the next two decades. This increase will, in turn, drive growth in the economic output and jobs that are supported by the air transport industry over the next 20 years. Oxford Economics forecasts that by 2038 the impact of air transport and the tourism it facilitates in Asia-Pacific countries will have grown to support 80 million jobs (72% more than in 2018) and a \$2.1 trillion contribution to GDP (a 120% increase).



12,817,854
flights

1.7
billion passengers

316
airlines

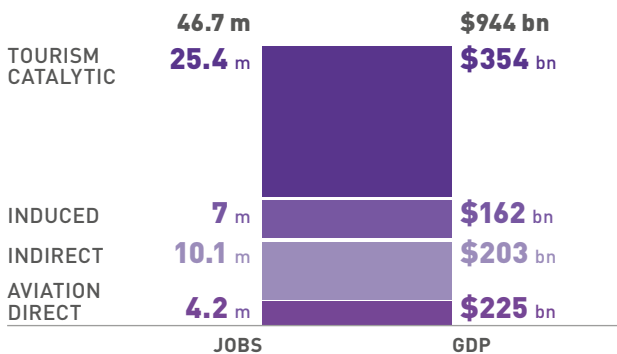
22
million tonnes of cargo

1,214
commercial airports

35
air navigation service providers

82%
average regional load factor

Total jobs and GDP generated by air transport in Asia-Pacific, 2018.



Direct jobs generated by air transport in Asia-Pacific.

