



Mission

To encourage the habit of flying in Brazil by planning, implementing, and supporting actions and programs to promote the growth of civil aviation in a consistent and sustainable way, for both passenger and cargo transportation. ""

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R mem

% of the tic market**



Program areas

Competitiveness

Creation of an environment favorable to the development of the airline industry, with cost review and infrastructure improvements, to provide products and services of increasing quality. ABEAR's proposals include dialogue and participation in airport concession processes.

Sustainability

Adoption of sustainable practices across all links in the industry chain, with investments focused on:

- » Development of sustainable aviation biofuel
- » Continuous review of air traffic control procedures, to allow more direct flights and less waiting time in the air
- » Review of the airlines' operational and administrative procedures, with a view to reducing environmental impact

People

Relationship with consumers. Investment in training, education, and specialization of professionals working in air transportation and supporting industries.



Generation of employment and income

1.2 million

jobs

179,000 direct

432,000 indirect

276,000 induced*

329,000 by the effect on tourism

US\$ 1.7 billion in direct wages paid

US\$ 30.4 billion

added to GDP

US\$ 10 billion direct

US\$ 8.3 billion indirect

US\$ 4.6 billion induced*

US\$ 7.5 billion by the effect on tourism

US\$ 9.2 billion

in taxes paid

US\$ 4 billion direct

US\$ 3.3 billion indirect

US\$ 1.9 billion induced*

Effect on tourism not measured

US\$ 4.2 billion

in sales of aircraft and equipment

Embraer is the world's 3rd largest aircraft manufacturer, producing about 200 aircraft per year

Conversion rate: US\$ 1 = R\$ 2.4. **Effect of the consumption of direct and indirect employees Sources: Study by Oxford Economics-IATA 2009; Estimate by Bain & Co; Wages reported by the ABEAR members; Embraer



Turnover of goods and services

US\$ 50.1 billion was the turnover of air transportation in Brazil's trade turnover (imports plus exports) in 2012

This represents **10.7%** of the total turnover (of US\$ 466 billion), but only **0.2%** of the total weight carried – proof of the high **value added** of the goods carried

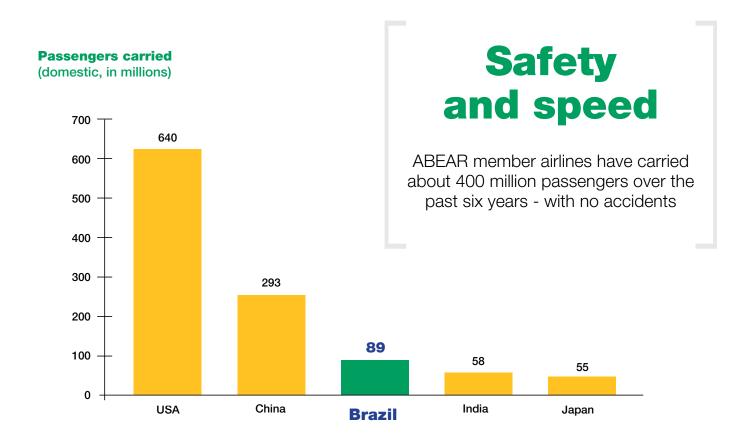
In the **domestic market**, the airline industry accounts for 0.4% of the **total weight carried**

Sources: MDIC; CNT



Brazil: the world's third largest domestic market

Growth is the result of economic development and reduction in airfares



Source: OACI 2012

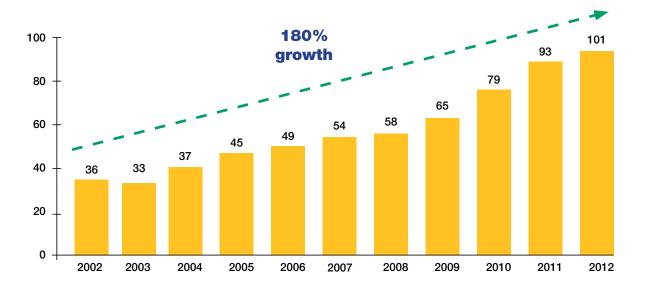


More passengers each year

Growth in **domestic and international** travels from 2002* to 2012 is 180%

Passengers carried in Brazil

(domestic and international, in millions)



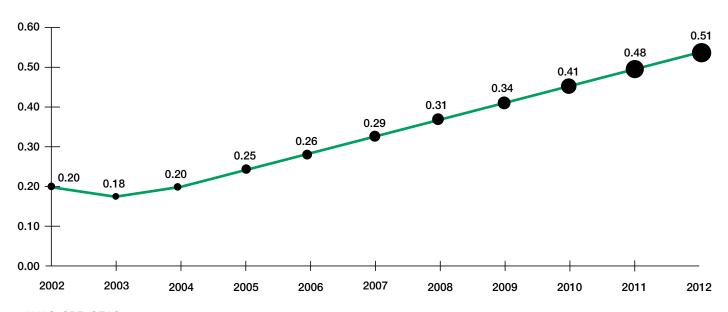
^{*}In 2002, pricing freedom becomes effective in Brazil's domestic air transportation Source: ANAC 2012. Includes regular and non-regular, fare-paying and non-fare-paying air passengers, as well as frequent-flyer program passengers, recorded by Brazilian airlines in all Brazilian airports.



An expanding market

Brazilians are flying more and more

Progress in the number of passengers compared to population growth (2002-2012)



^{*} ANAC; SRE; GEAC

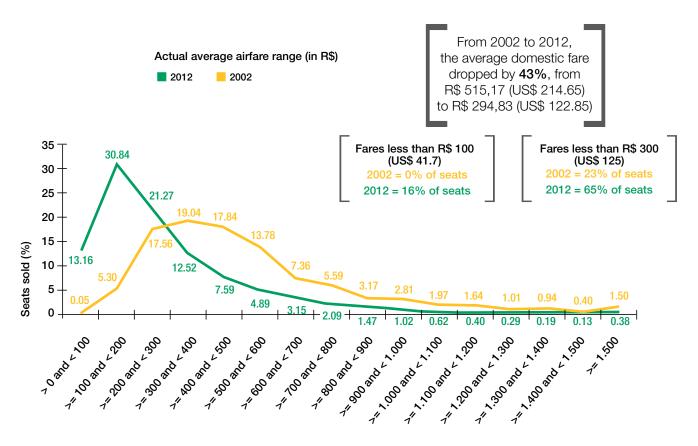
The United States and Australia showed the highest ratios of air passengers to population, with over 5 trips per inhabitant per year. Spain has a ratio above 4. Other European nations such as France, Germany, and Italy have ratios above 2. While the world's most populous country, China, has less than one trip per inhabitant.



Flying is increasingly cost-effective

In 2002, there were no tickets for less than R\$ 100 (US\$ 41.7). Today, they account for 13% of seats sold

Seats sold by average airfare ranges



Conversion rate: US\$ 1 = R\$ 2.4. Sources: ANAC/SRE/GEAC, "Tarifas Aéreas Domésticas", ANAC, August 9, 2013

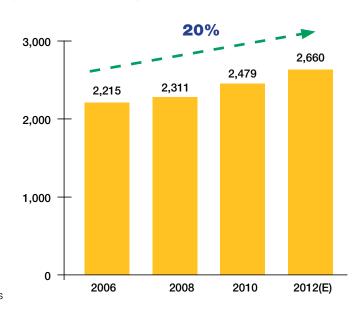


Democratization of air travel in Brazil

An effect of increasing income in Brazil and cheaper tickets

Average monthly income per household

(net of inflation, in R\$)



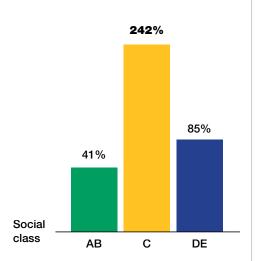
Source: IBGE; LCA Consultores

Cheaper airfares + Increasing income of Brazilians = The new consumer is flying more



Consequences of economic growth

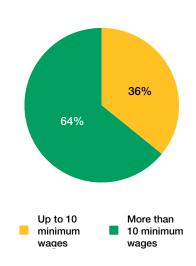
Increase in Brazilian travel spending (2000 to 2012)



It is in the new middle class that travel spending has increased the most over the past ten years

Source: Market research by Data Popular

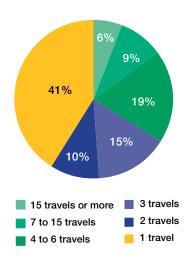
Distribution of passengers* by monthly household income



36% of all passengers carried by Brazilian companies are middle class

Source: Study on the Brazilian Air Transportation Industry, BNDES, 2010

Number of travels per year* (% of passengers)



The high percentage of first-time travelers reinforces the trend towards democratization

Source: Study on the Brazilian Air Transportation Industry, BNDES, 2010

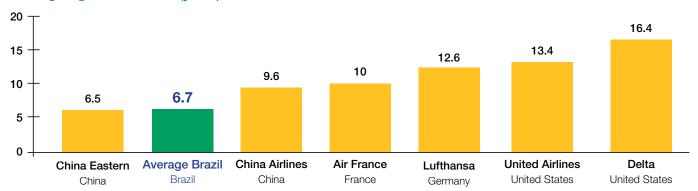
^{*} Domestic and international travels



Investments to support growth

Brazil has one of the world's youngest aircraft fleets, with a constantly growing supply of flight seats

Average age of the fleet (years)



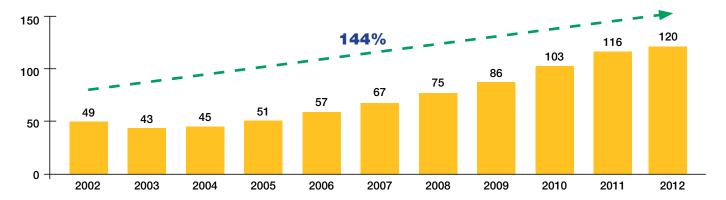


Supply of seats to meet the growing demand

The number of seats on flights continuously grows in Brazil

In 2013, for the first time in over ten years, the number is expected to be lower:
the estimate is 115

Available capacity in domestic flights (ASK billions)*



Source: ANAC

^{*} Acronym for Available Seat Kilometer. The variable, which represents the supply of passenger air transportation, is obtained by multiplying the number of available seats by the number of kilometers flown

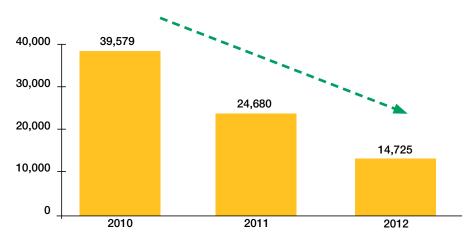


More satisfied passengers

Respect for the consumer is a constant point of attention for airlines

Number of comments* from passengers

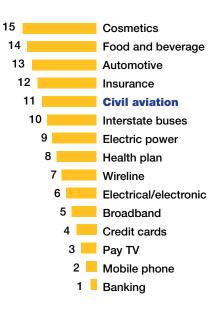
Since 2010, the number of comments from passengers has decreased by more than **60%****



^{*}Reviews, complaints, questions, and compliments

Industries that most respect consumer rights

1 is the one that least respects and 15 is the one that most respects



Source: Instituto Ibero-Americano de Relacionamento com Cliente (April 2013)

^{**}ANAC's ombudsman report



Growth potential

Passenger transportation is forecast to grow by 109% and cargo transportation by 58% until 2020

Potential number of passengers carried in Brazil

(domestic and international, in millions)



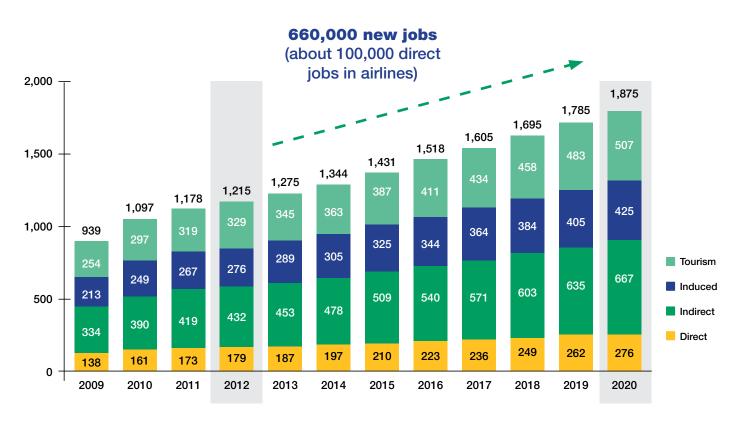
Source: Estimate by Bain & Co



Generation of jobs

The projected growth for the airline industry has the potential to generate 600,000 new jobs

Number of employees in the airline industry in Brazil (thousands)



Source: RAIS; ANAC; Study by Oxford-IATA; Estimate by Bain & Co

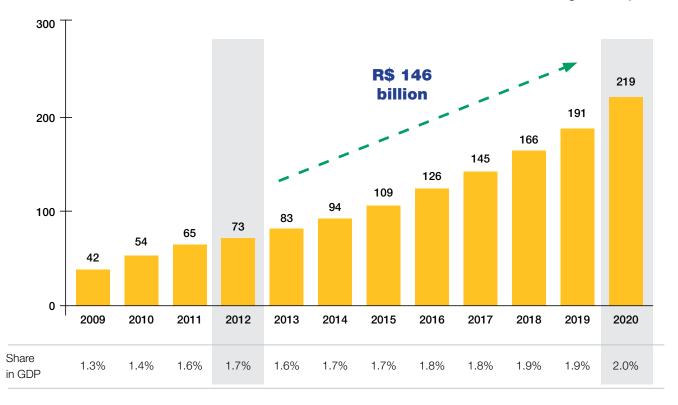


Contribution to GDP

By 2020, the Brazilian airline industry is expected to add R\$ 146 billion to the country's gross domestic product



For every 1% increase in GDP, the airline industry grows by 2.5%



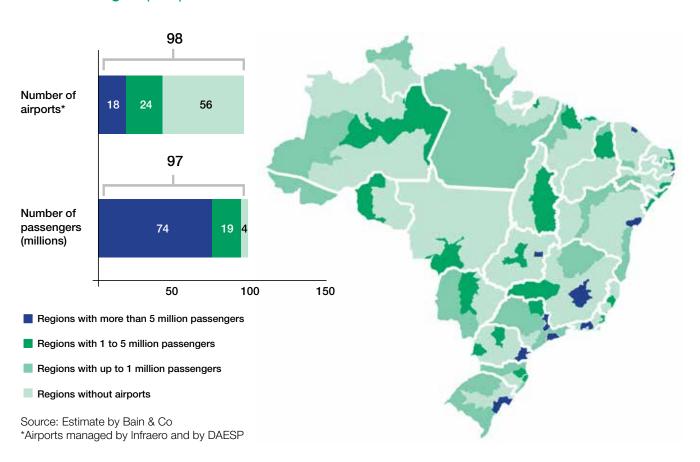
Source: Estimate by Bain & Co



Poor geographic distribution

Passenger air transportation is currently concentrated in a few regions

Air transportation by IBGE mesoregion (2012)



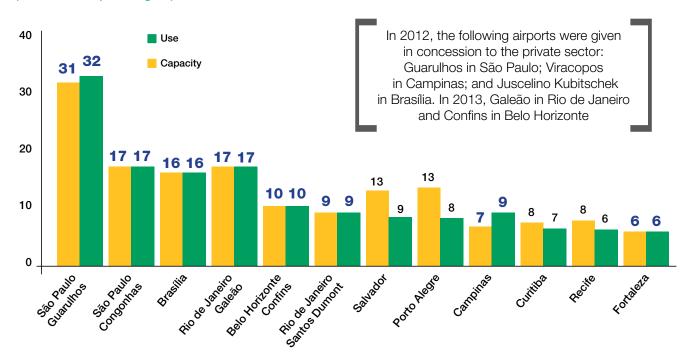


Airport overload

Out of the twelve major airports in the country, eight are already operating at or above their declared capacity

Declared capacity vs. use in major Brazilian airports

(in millions of passengers)



Sources: Infraero; concessionaires



High operational costs

Fuel prices and taxes represent major bottlenecks

ATF Prices*

Fuel accounts for up to 40%** of the costs of an airline

Any difference in the ATF final price has a great impact on business

ICMS on ATF

Currently ICMS rates range from 4% to 25% in major airports

A result of the different tax rates, it is a common practice for companies to plan the network to fuel up at the point with the lowest ICMS

This practice has negative consequences for everyone:

- **» Environment:** the higher fuel consumption increases pollutant gas emissions
- » Airlines: operational inefficiencies
- » State governments: the "tax rate war" reduces tax collection in states with higher ICMS rates
- » Passengers: tickets become more expensive

^{*}Aviation turbine fuel

^{**} Public data of Gol, from January to September 2012



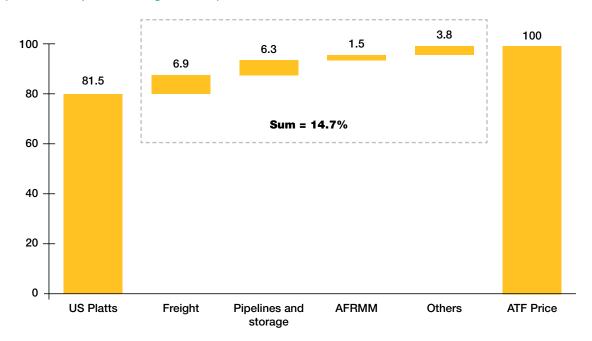
Fuel cost

Pricing formulas and taxes raise the price of the input for domestic aviation and affect the competitiveness of companies

Although approximately 75% of the volume is produced in Brazil, ATF is priced on import parity

Estimated ATF price composition in Brazil

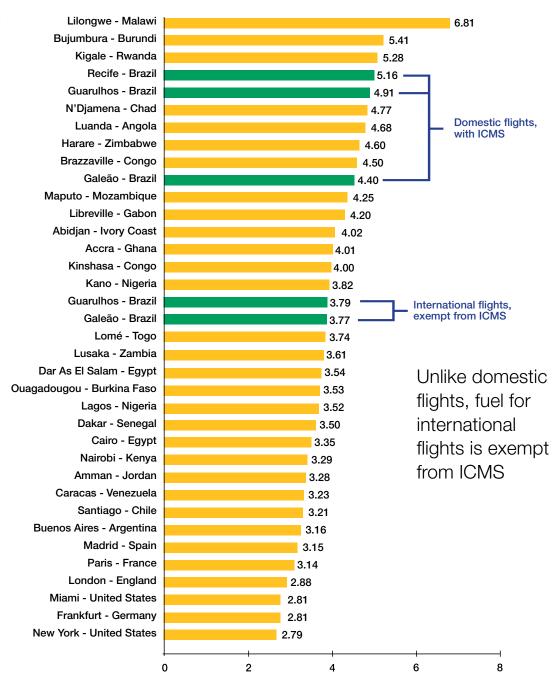
(as % of the price, average in 2009)



Sources: ANP; IATA

Aviation fuel price (in US\$ per gallon, as of April 2013)

Sources: ANP; IATA

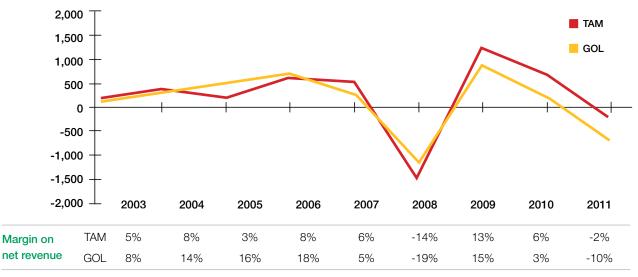




Income

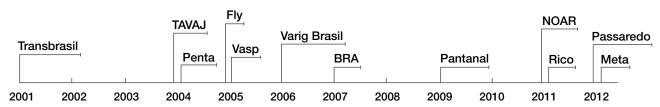
Despite the industry's growth, airlines' financial performance is modest and very volatile

TAM and GOL historical net income (in R\$ thousands)



Source: CVM

Domestic airlines that have been shut down or have gone into receivership

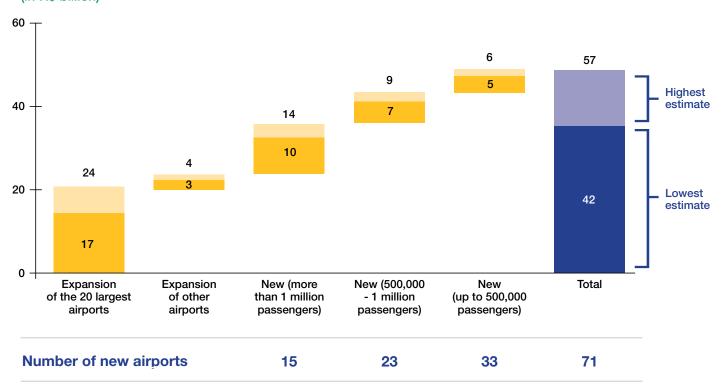




Investments in airport infrastructure

Growth in the airline industry will require R\$ 42 to 57 billion investment in airport infrastructure by 2020

Need for investment in airport infrastructure (in R\$ billion)

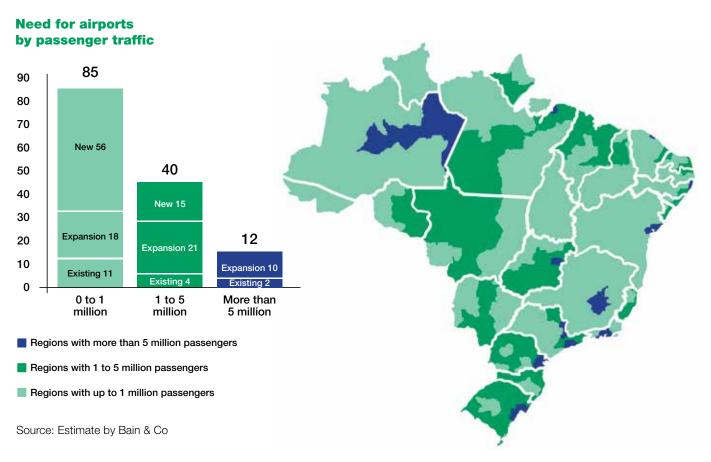


Sources: Estimated by Bain & Co based on data from BNDES and Infraero



Expansion and construction

The economic development and emergence of new regions are great opportunities to build or rehabilitate 71 – and expand 49 airports





Expansion of airports and air traffic control

Expanding hubs responsibly requires investing in air traffic control and review of routes and flight procedures

Investment in expansion and construction of new airports

Expansion and construction of new airports implies the need to increase the capacity of existing airports, so that already congested hubs, such as São Paulo, can absorb a larger number of flights

Review of routes and air traffic control procedures

It is necessary to change routes and traffic control procedures to reduce the average flight time, cutting costs and promoting the market growth - in addition to allowing saturated airports, such as São Paulo, Rio de Janeiro, and Brasília, to receive more flights



Investments in aircraft

For the industry to achieve its potential, airlines will have to invest R\$ 26 to 36 billion in aircraft by 2020

Need for investment in aircraft

(in R\$ billion)



Note: average aircraft valuations are based on financial statements of Brazilian publicly traded companies Source: Estimate by Bain & Co



Potential for 2020*

Commitment and investments to resolve the industry's problems must take Brazilian air transportation to a new level

	2012		2020
Passengers	101 million	110 million	211 million
Airports	96	71 airports	167
Direct domestic routes	479	316 routes	795
Employees	1.2 million	660,000 jobs	1.9 million
Fleet	450 airplanes*	526 airplanes**	976 airplanes**

Investments Private: R\$ 26-36 billion Public: R\$ 42-57 billion

^{*}Approximate amounts and quantities **ABEAR Fleet Source: Bain & Co; Infraero; Daesp; ANAC; IATA; HOTRAN



Combined efforts

To develop to its potential, the airline industry needs close collaboration between the government and private sector

Government

» Infrastructure: to enable investments in expansion, maintenance, and construction of airports, air traffic control, and development of new air routes

» Costs:

- Unification of the ICMS rate at 4% in all states
- To start talks with Petrobras to review the ATF pricing formula
- » Regulation: to ensure a regulatory framework

Private sector

- » Investment: to ensure investment in the new fleet necessary to meet the growing demand
- » Efficiency: constant gain in operational efficiency - to make air tickets more accessible

»Quality and safety:

to continue to seek improvements in user service

- » Expansion of the air network: more destinations, more flights
- » Sustainability
- » Consumer care



Brazil will host major sporting events

2014 World Cup in 12 host cities and 2016 Olympic Games in Rio de Janeiro

Actions required for the World Cup

- » Air Network Review (affecting approximately 40%)
- of the current network)
- » Renovation of airports

77 foreign airlines fly to Brazil

Challenges for the World Cup

- » Weather (airports in Southern Brazil, where the winter is more severe, do not have proper equipment)
- » Long distances between the host cities



In Comparison

