

EDAM[®]

Enterprise Document Assessment Methodology

Global Air Transportation Office Documents Costs

The data represented in this report is summarized for simplicity. It is based on our independent assessments, research and computational analysis encompassing more than 250 published government, academic, and industry research data sources.

We studied the impact of 40 global air transportation companies staffed by 1,418,449 full-time equivalent employees, that during 2018 will produce some 5.57 billion office documents with a predicted fully burden cost just over \$3.15 billion dollars. We then showcased the Top 20 herein.

This document is intended for discussion purposes and hopefully you are intrigued to learn more.

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ALLAssociatesGroup
strength in numbers

1997-2018

EDAM® Global Top 20 Predicted Office Document Volumes & Costs

According to the BTS - Bureau of Transportation Statistics during 2018 global air transport providers (Airlines) will physically move 4.3 Billion passengers from point A to B via C. There are currently 23,654 registered commercial aircraft in active service globally. On Friday the busiest day for travel between 2 pm - 4 pm UTC there are just over 16,000 commercial planes in flight. To manage (1) flight it takes 73 FTE employees that encompass airline staff, pilots, government, police, airport authority, and military.



128,856
Employees
FTE



4,617,85,919
Office Documents
Produced



\$ 262,385,798
Office Document
Costs



55,414
Trees Consumed
for Office Paper



**American
Airlines**



126,600
Employees
FTE



544,239,727
Office Documents
Produced



\$ 308,332,667
Office Document
Costs



65,309
Trees Consumed
for Office Paper



105,746
Employees
FTE



396,565,157
Office Documents
Produced



\$ 224,555,551
Office Document
Costs



47,588
Trees Consumed
for Office Paper



**中国南方航空
CHINA SOUTHERN**



93,132
Employees
FTE



296,533,841
Office Documents
Produced



\$ 168,104,076
Office Document
Costs



35,584
Trees Consumed
for Office Paper



89,800
Employees
FTE



386,400,265
Office Documents
Produced



\$ 218,930,347
Office Document
Costs



46,368
Trees Consumed
for Office Paper

EDAM® Global 20 Predicted Office Document Volumes & Costs

Air transportation activities will create 3.1 percent of Global GDP in 2018. Global Airlines revenue forecast from the passenger business is expected to grow to \$581 billion (+9.2% on \$532 billion in 2017). The Air transportation industry directly relate to 2.57 million FTE positions in 2018 globally. The top 20 airports accounted for 17% of the 1.5 billion passengers who passed through airports around the world in 2017. ATL Hartsfield - Jackson Airport #1 globally with 104 million passengers passing through it in 2017.



87,000
Employees
FTE



370,803,539
Office Documents
Produced



\$ 210,397,197
Office Document
Costs



44,496
Trees Consumed
for Office Paper



80,595
Employees
FTE



328,660,667
Office Documents
Produced



\$ 186,415,049
Office Document
Costs



39,439
Trees Consumed
for Office Paper



80,022
Employees
FTE



254,013,105
Office Documents
Produced



\$ 143,692,249
Office Document
Costs



30,482
Trees Consumed
for Office Paper



63,422
Employees
FTE



239,370,157
Office Documents
Produced



\$ 135,820,738
Office Document
Costs



28,724
Trees Consumed
for Office Paper



56,100
Employees
FTE



240,943,089
Office Documents
Produced



\$ 136,491,158
Office Document
Costs



28,913
Trees Consumed
for Office Paper

EDAM® Global 20 Predicted Office Document Volumes & Costs

There are currently 18,107 registered commercial airports globally in 2018. By 2035 it is expected that 7.1 Billion people globally will use commercial airlines to travel. Boeing and Airbus the two largest manufacturers of commercial aircraft are expected to deliver some 35,000 new aircraft to meet the increase in passenger travel. There are more than 200,000 different companies (big & small) that support air transportation globally.



45,916
Employees
FTE



251,143,519
Office Documents
Produced



\$ 142,432,263
Office Document
Costs



30,137
Trees Consumed
for Office Paper



41,930
Employees
FTE



173,568,944
Office Documents
Produced



\$ 98,462,954
Office Document
Costs



20,828
Trees Consumed
for Office Paper



33,200
Employees
FTE



106,706,916
Office Documents
Produced



\$ 60,546,445
Office Document
Costs



12,805
Trees Consumed
for Office Paper



30,100
Employees
FTE



129,843,512
Office Documents
Produced



\$ 73,651,332
Office Document
Costs



15,581
Trees Consumed
for Office Paper



28,300
Employees
FTE



115,253,175
Office Documents
Produced



\$ 65,379,003
Office Document
Costs



13,830
Trees Consumed
for Office Paper

EDAM® Global 20 Predicted Office Document Volumes & Costs

A typical commercial aircraft that carries between 75 –220 persons has 50,000 + serialized parts and pieces to fly. When you go jumbo 250 - 555 that increases the number of serialized parts to over 100,000. Each requiring documentation for design, engineering, testing, manufacturing, installation, maintenance and replacement. The third largest cost to an airline beyond fuel and FTE's is maintenance, which documentation comprises 25 - 40% of operating budget cost for each of these 20 airlines we researched.



25,194
Employees
FTE



102,413,129
Office Documents
Produced



\$ 57,968,523
Office Document
Costs



12,290
Trees Consumed
for Office Paper



24,075
Employees
FTE



86,936,493
Office Documents
Produced



\$ 49,252,855
Office Document
Costs



10,432
Trees Consumed
for Office Paper



23,156
Employees
FTE



99,007,081
Office Documents
Produced



\$ 56,061,902
Office Document
Costs



11,881
Trees Consumed
for Office Paper



18,981
Employees
FTE



60,241,837
Office Documents
Produced



\$ 34,181,749
Office Document
Costs



7,229
Trees Consumed
for Office Paper



18,620
Employees
FTE



66,400,513
Office Documents
Produced



\$ 37,676,236
Office Document
Costs



7,968
Trees Consumed
for Office Paper

EDAM® Cost Modeling

ALL Associates Group uses exhaustive research, mathematical and scientific processes, predictive analytics, and techniques to combine global data on employment and industry statistics. EDAM® databases and algorithms can compute the **fully burdened costs** of any document system, within any organization, anywhere in the world.

This 2018 Global 20 Air Transportation report was generated using EDAM® Predictive Modeling Tools. To obtain a predictive profile of any one of these 20 airlines listed below call **(919) 917-7600** or send a email to: **edam@allassociates.com**

Insights

- **Document Volumes**
 - Office & Production
- **Document Costs**
 - Print / Copy / Digital
- **Impact Analysis**
 - Energy & Resources
 - FTE Workforce Dynamics
 - Machine in Field (MIF)
 - Regulatory Impact Analysis

