

EDAM[®]

Enterprise Document Assessment Methodology

Global Insurance 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 165 global insurance companies staffed by 3,391,097 full-time equivalent employees, that during 2018 will produce some 32.6 billion office documents with a predicted fully burden cost just over \$18.1 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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EDAM® Global 20 Predicted Office Document Volumes & Costs

According to OECD the global insurance industry will grow by 4.5% on average (3.0% adjusted for inflation) in 2018. During FY17 Global Insurance based companies sold \$ 4.81 Trillion in premiums (Life Insurance, Property & Casualty, Liability, Risk and Health). Asia is the fastest growing marketplace for insurance, generating 22% of total premiums underwritten, hence the predominance of Asia companies represented.



318,588
Employees
FTE



2,591,488,941
Office Documents
Produced



\$ 1,468,058,466
Office Document
Costs



310,978
Trees Consumed
for Office Paper



中国人民保险集团公司
THE PEOPLE'S INSURANCE COMPANY (GROUP) OF CHINA



204,570
Employees
FTE



1,664,202,753
Office Documents
Produced



\$ 931,089,388
Office Document
Costs



199,704
Trees Consumed
for Office Paper



140,553
Employees
FTE



1,382,009,517
Office Documents
Produced



\$ 778,583,159
Office Document
Costs



165,841
Trees Consumed
for Office Paper



117,453
Employees
FTE



761,393,799
Office Documents
Produced



\$ 431,026,775
Office Document
Costs



91,367
Trees Consumed
for Office Paper



CHINA LIFE
中国人寿



102,297
Employees
FTE



829,077,792
Office Documents
Produced



\$ 467,488,160
Office Document
Costs



99,489
Trees Consumed
for Office Paper

EDAM® Global 20 Predicted Office Document Volumes & Costs

According to EY, 2017 was the largest insured loss year ever for America's based companies - Hurricanes Harvey, Irma and Maria along with other natural catastrophes (Californian wildfires, Mexican earthquakes), cost the industry sector a record \$ 135 Billion dollars. With a strong global economy, comes the increase in property, people and product values it is forecasted that in 2018, insurance premium rates will increase an average of 1.5% globally, equaling some \$ 70 Billion dollars for insurance companies.



95,728
Employees
FTE



947,993,622
Office Documents
Produced



\$ 531,549,970
Office Document
Costs



113,759
Trees Consumed
for Office Paper



中国太平
CHINA TAIPING



77,472
Employees
FTE



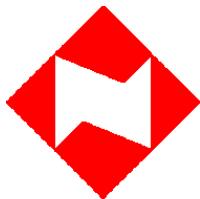
630,808,684
Office Documents
Produced



\$ 353,214,899
Office Document
Costs



75,697
Trees Consumed
for Office Paper



NISSAY



73,610
Employees
FTE



735,374,004
Office Documents
Produced



\$ 411,926,567
Office Document
Costs



88,244
Trees Consumed
for Office Paper



GENERALI
GROUP



71,299
Employees
FTE



693,366,887
Office Documents
Produced



\$ 391,125,115
Office Document
Costs



83,204
Trees Consumed
for Office Paper



STATE FARM
INSURANCE



68,000
Employees
FTE



738,262,458
Office Documents
Produced



\$ 414,384,679
Office Document
Costs



88,591
Trees Consumed
for Office Paper

EDAM® Global 20 Predicted Office Document Volumes & Costs

According to IDC, the global insurance industry is one of the largest spenders on Technology. During the last 5 years, a new term InsurTech has become a new segment within computer, software and related technology professional services. Global insurance companies will spend some \$400 billion dollars in 2018 toward Blockchain, Robotic Process Automation (RPA), Data Mining, Customer Service, Sales and Marketing.



**MARSH &
MCLENNAN
COMPANIES**



65,000
Employees
FTE



663,175,065
Office Documents
Produced



\$ 375,490,583
Office Document
Costs



79,581
Trees Consumed
for Office Paper

DAI-ICHI LIFE



62,000
Employees
FTE



629,379,026
Office Documents
Produced



\$ 353,114,948
Office Document
Costs



75,525
Trees Consumed
for Office Paper



MetLife



58,000
Employees
FTE



630,999,015
Office Documents
Produced



\$ 353,598,523
Office Document
Costs



75,719
Trees Consumed
for Office Paper



ZURICH



53,000
Employees
FTE



538,743,186
Office Documents
Produced



\$ 302,634,431
Office Document
Costs



64,649
Trees Consumed
for Office Paper



國泰金控
Cathay Financial Holdings



51,509
Employees
FTE



497,828,611
Office Documents
Produced



\$ 284,905,812
Office Document
Costs



59,739
Trees Consumed
for Office Paper

EDAM® Global 20 Predicted Office Document Volumes & Costs

The U.S. insurance industry in 2017 employed 2.75 million people, according to the U.S. Department of Labor. Of those, 1.52 million worked for insurance companies, including life and health insurers (825,000 workers), Property & Casualty insurers (670,200 workers) and reinsurers (30,000 workers). The remaining 1.23 million people worked for independent insurance agencies, brokers and other insurance-related enterprises.



50,200
Employees
FTE



542,756,704
Office Documents
Produced



\$ 305,036,026
Office Document
Costs



65,130
Trees Consumed
for Office Paper



50,000
Employees
FTE



498,247,629
Office Documents
Produced



\$ 280,259,575
Office Document
Costs



59,789
Trees Consumed
for Office Paper



49,800
Employees
FTE



538,510,464
Office Documents
Produced



\$ 302,699,066
Office Document
Costs



64,621
Trees Consumed
for Office Paper



Prudential



49,705
Employees
FTE



536,906,762
Office Documents
Produced



\$ 303,427,926
Office Document
Costs



64,428
Trees Consumed
for Office Paper



Allstate
You're in good hands.



42,460
Employees
FTE



460,707,393
Office Documents
Produced



\$ 258,421,353
Office Document
Costs



55,284
Trees Consumed
for Office Paper

EDAM® 2018 Insurance Industry Company Research List

Admiral Group
Aegon
Ageas
Alexander Forbes Group
Alleghany Corporation
Allianz Group
Allied World Assurance
Allstate Corporation
American Family Mutual Insurance
American Fidelity Assurance
American Financial Group
American International Group
American National Insurance
Amica Mutual Insurance
Amtrust Financial Services, Inc.
Aon Corporation
Arch Capital Group
Arthur J. Gallagher & Company
Aspen Insurance Holdings
Assurant
Auto Club Group
Auto-Owners Insurance Group
AVIVA
AXA Group
Axis Capital Holdings
Baldwin & Lyons
Brighthouse Financial
Brown & Brown Insurance
Cathay Financial Holding
Cattolica Assicurazioni
China Life Insurance
China Taiping Insurance Group
Chubb Group
Cincinnati Financial Corporation
CMFG Life Insurance Company
CNA Financial Corporation
CNP Assurances
Country Financial
Covea Group
Crawford & Company
Croatia Osiguranje
CUNA Mutual Group
Dai-ichi Life Holdings
Direct Line Group
Erie Indemnity Company
Euler Hermes
Everest Re Group
Factory Mutual Insurance Company
Fairfax Financial Holdings
Farmers Insurance Exchange
Federal Deposit Insurance Corporation
Federated Mutual Insurance Company
Fidelity National Financial
First American Financial Corporation
Folksam
GEICO Corporation
Generali Group
Genworth Financial
Gjensidige Group
Gothaer Group
Great-West Life & Annuity Insurance Company
Groupama Group
Grupo Catalana Occidente
Gruppo Mediolanum
Guardian Life Insurance
Hannover Re
Hanover Insurance Group
Hartford Financial Services Group
Healthmarkets
Helvetia Group

EDAM® 2018 Insurance Industry Company Research List

Hiscox	Nürnberger Beteiligungs
Homeserve	Old Republic International Corporation
Huk-Coburg	OneBeacon Insurance Group
Industrial Alliance Insurance	Pacific Mutual Holding Company
Insurance Australia Group	PartnerRe
Intact Financial Corporation	Penn Mutual Life Insurance
Jardine Lloyd Thompson Group	Physicians Mutual Insurance
Kemper Corporation	PICC Group
Legal & General Group	Ping An Insurance Group
Liberty Mutual Holding Company	Primerica
Life Insurance Corporation of India	Progressive Corporation
Lincoln National Corporation	Protective Life Corporation
Liverpool Victoria Friendly Society	Prudential
LVM Versicherungen	Prudential Financial
Manulife Financial Corporation	PZU Group
Mapfre	QBE Insurance Group
Markel Corporation	Radian Group
Marsh & McLennan Companies	Reale Mutua
Massachusetts Mutual Life Insurance	Reinsurance Group of America
Mercury General Corporation	RSA Insurance Group
MetLife	Sampo Group
MGIC Investment Corporation	Sanlam
Migdal Insurance and Financial Holding	Scor
MS&AD Insurance Group	Securian Financial Group
Munich Re Group	Selective Insurance Group
Mutuelle Assurance Instituteur France	Sentry Insurance Group
Mutuelle Generale Education Nationale	Shin Kong Financial Holding
National Financial Partners	Sompo Holdings
National General Holdings	Sony Financial Holdings
National Life Group	SpareBank 1 Group
Nationwide Mutual Insurance Company	Standard Life Aberdeen
Neighborhood Health Plan of RI	State Farm Mutual Insurance
New York Life Insurance	Stewart Information Services Corporation
Nippon Life Insurance Company	Storebrand
Northwestern Mutual	SulAmérica Seguros

EDAM® 2018 Insurance Industry Company Research List

Sumitomo Life Insurance	Tryg
Sun Life Financial	Unipol Gruppo
Swiss Furniture Insurance Company	UNIQA Versicherungen AG
Swiss Life	United India Insurance Company
Swiss Reinsurance	United Services Automobile Association (USAA)
T&D Holdings	Vienna Insurance Group
Talanx	Vietnam Insurance Corporation
Thrivent Financial for Lutherans	W.R. Berkley Corporation
TIAA	Western and Southern Financial Group
Tokio Marine Holdings	White Mountains Insurance
Torchmark Corporation	XL Group
Tower Limited	Zurich Insurance Group
Travelers Companies	

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 Top 20 Global Insurance Co.'s review was generated using EDAM® Predictive Modeling Tools. To obtain a predictive profile of any one of these 20 companies 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

