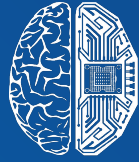




DeepTech and
Longevity Industry
Financial Advisors



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InsurTech Industry Framework

Teaser

www.longevity.finance

www.frameworks.technology

www.dkv.global

InsurTech Industry Analytical Framework

Online Insurance

- Direct-to-consumer insurance platforms
- Insurance comparison websites
- Digital-first insurance providers
- E-commerce insurance integrations

Blockchain Insurance

- Decentralized insurance platforms
- Smart contract-based insurance
- Tokenized insurance products
- Blockchain-based claims management

Cyber Insurance

- Small business cyber insurance
- Data breach insurance for large enterprises
- Standalone cyber insurance products
- Cyber insurance for cloud service providers

Telematics Insurance

- Usage-based auto insurance
- Pay-per-mile insurance
- Telematics-based life insurance
- Smart home insurance products

Health InsurTech

- Health Insurance
- Disability Insurance
- mHealth
- Tourism Insurance

Wealth Insurance

- Private Client Life and Health Insurance
- Property & Casualty InsurTech
- Asset-Backed Securities Insurance
- Art and Collectibles Insurance
- Digital Assets and Collectibles Insurance
- Securities and Investment Insurance

Microinsurance

- Mobile-based microinsurance products
- Agricultural microinsurance
- Health microinsurance
- Remittances-linked microinsurance

Life InsurTech

- Longevity & Pension Risk Transfer
- Life Insurance & InsurTech
- Qualified Longevity Annuity Contracts
- Longevity Immediate and Deferred Income Annuities

InsurTech Innovative Solutions and Services

- InsurTech Marketplaces / Platforms
- IoT InsurTech (Wearables)
- Big Data Actuarial Models and AI-Driven Premium Calculation
- Automated Claims Management
- Data Analytics and Management
- Risk Assessment

Blockchain Insurance

- The Blockchain Insurance is a cutting-edge and rapidly growing sector that is reshaping the traditional insurance landscape by leveraging the power of blockchain technology and advanced InsurTech solutions. This transformative industry is redefining the way insurance providers and policyholders interact by fostering enhanced efficiency, transparency, and security across the entire insurance value chain. At the core of this revolution are four key segments: decentralized insurance platforms, smart contract-based insurance, tokenized insurance products, and blockchain-based claims management. These innovative approaches are streamlining various aspects of the insurance process, from policy issuance and underwriting to claims processing and risk management.
- By harnessing the power of decentralized networks and smart contracts, the Blockchain Insurance is able to eliminate the need for intermediaries and central authorities, thereby reducing operational costs and increasing trust among stakeholders. Furthermore, the tokenization of insurance products offers unprecedented flexibility, allowing policyholders to customize their coverage and insurers to effectively manage risk through a diverse pool of token holders. Additionally, blockchain-based claims management solutions are enhancing the efficiency, security, and transparency of the claims process by providing real-time access to data and automating key processes. As a result, insurers can make more accurate and timely decisions, while policyholders enjoy a smoother and more satisfying claims experience.
- In essence, the Blockchain Insurance is poised to dramatically change the insurance sector by providing innovative, cost-effective, and customer-centric solutions that leverage the power of blockchain technology and advanced InsurTech tools. As this industry continues to evolve and mature, it is expected to play a pivotal role in shaping the future of insurance and risk management, ultimately benefiting both insurance providers and policyholders alike.

Blockchain Insurance (1/2)

Decentralized insurance platforms

- Decentralized insurance platforms operate on blockchain-based networks, which enable secure, transparent, and efficient transactions without the need for a central authority or intermediary. These platforms are built on top of decentralized finance (DeFi) ecosystems, and they employ peer-to-peer (P2P) models to allow policyholders and investors to connect directly. Decentralized insurance platforms offer various advantages, such as reduced operational costs, streamlined processes, and enhanced data privacy, which ultimately result in more affordable and accessible insurance products for customers.
- Some examples of tokenized insurance products combat double payouts for the same claim by using blockchain technology to create a unique token for each claim. Another example is Lemonade which uses blockchain technology to create a unique digital asset called a “policy token” that represents a policyholder’s coverage.

Smart contract-based insurance

Smart contract-based insurance is a groundbreaking approach to insurance that leverages the capabilities of blockchain technology to streamline and automate key processes in the insurance lifecycle. By utilizing self-executing contracts, this innovative insurance model offers numerous benefits to both insurers and policyholders, as detailed below:

- Efficiency - Smart contract-based insurance significantly improves the efficiency of the insurance process by automating many of the manual and time-consuming tasks
- Fraud and Dispute Reduction - Smart contract-based insurance greatly reduces the potential for fraud and disputes by providing an immutable and transparent record of all transactions, making it extremely difficult to manipulate or alter any data
- Trust - By eliminating the need for third-party intermediaries and central authorities, smart contract-based insurance inherently promotes trust among all stakeholders. Since smart contracts automatically execute and enforce themselves, policyholders can be confident that their claims will be processed

Blockchain Insurance (2/2)

Tokenized insurance products

- Tokenized insurance products represent a novel and innovative approach to insurance that leverages the capabilities of blockchain technology to digitize and tokenize traditional insurance policies. These digital tokens, which represent specific coverage or risk, can be traded, bought, or sold on blockchain-based marketplaces, resulting in a more efficient, transparent, and accessible insurance ecosystem.
- Some examples of tokenized insurance products combat double payouts for the same claim by using blockchain technology to create a unique token for each claim. Another example is Lemonade which uses blockchain technology to create a unique digital asset called a “policy token” that represents a policyholder’s coverage.
- Tokenized insurance products represent a significant shift in the way insurance is structured, distributed, and managed, offering numerous benefits in terms of risk management, customization, accessibility, efficiency, transparency, and innovation. These products are poised to play a critical role in shaping the future of the insurance sector, ultimately benefiting both insurers and policyholders alike.

Blockchain-based claims management

- Blockchain-based claims management represents a transformative approach to handling insurance claims by harnessing the power of distributed ledger technology (DLT). By securely storing and sharing data across multiple parties, such as insurers, claimants, and service providers, blockchain-based claims management can significantly improve various aspects of the claims experience. For example, by providing a shared and immutable record of all claims-related data, blockchain-based claims management can streamline the claims process and reduce the time and effort required to settle claims. This increased efficiency can lead to faster claims resolution, reduced administrative costs for insurers, and improved customer satisfaction.

Online Insurance

- Online InsurTech is revolutionizing the insurance industry by leveraging cutting-edge technology to provide streamlined, accessible, and customer-centric insurance solutions. This innovative approach has led to the emergence of various subsectors within the Online InsurTech space, including direct-to-consumer insurance platforms, insurance comparison websites, digital-first insurance providers, and e-commerce insurance integrations.
- Direct-to-consumer insurance platforms are changing the way customers purchase insurance by eliminating intermediaries, such as agents and brokers, from the equation. These platforms enable consumers to research, compare, and purchase insurance policies directly from insurers, providing a more transparent and user-friendly experience. Insurance comparison websites, on the other hand, empower consumers by offering a one-stop-shop for comparing various insurance products and providers, allowing them to make well-informed decisions based on factors such as coverage, price, and customer reviews. These websites simplify the insurance selection process and often save customers time and money.
- Digital-first insurance providers are companies built from the ground up to operate exclusively in the digital realm, capitalizing on advanced technologies like artificial intelligence, big data analytics, and machine learning to streamline their operations and deliver tailored insurance products. These providers are known for their agility, adaptability, and rapid response to changing market conditions and consumer needs. Meanwhile, e-commerce insurance integrations extend the reach of insurance services by embedding them into popular e-commerce platforms, enabling customers to purchase insurance coverage seamlessly as they shop online. This approach not only simplifies the insurance buying process but also opens up new avenues for cross-selling and up-selling insurance products to a broader audience.

Online Insurance (1/2)

Direct-to-consumer insurance platforms

- Direct-to-consumer (D2C) insurance platforms are digital channels that allow customers to purchase insurance policies directly from insurance companies, without the need for intermediaries such as agents or brokers. These platforms typically offer a streamlined, user-friendly experience that allows customers to compare and purchase insurance policies online, often with the help of artificial intelligence or machine learning algorithms.
- One of the key benefits of D2C insurance platforms is that they allow customers to access insurance products and services more easily and conveniently. By eliminating the need for intermediaries, D2C platforms can reduce costs and pass on those savings to customers in the form of lower premiums. They can also provide more personalized and relevant insurance products by using data and analytics to understand customer needs and preferences.

Insurance comparison websites

- Insurance comparison websites refers to a specific segment of the online insurance industry that focuses on providing consumers with a platform to compare various insurance products, such as auto, home, health, and life insurance, among others. These websites typically aggregate quotes and policy details from multiple insurance providers, allowing users to easily compare different options side-by-side in order to find the best coverage and pricing for their needs.
- Insurance comparison websites have gained popularity due to the convenience they offer in simplifying the insurance shopping process. By consolidating information from multiple insurance companies, they allow consumers to save time and make more informed decisions without having to visit multiple provider websites or contact insurance agents directly.

Online Insurance (2/2)

Digital-first insurance providers

- Direct-to-consumer (D2C) insurance platforms are digital channels that allow customers to purchase insurance policies directly from insurance companies, without the need for intermediaries such as agents or brokers. These platforms typically offer a streamlined, user-friendly experience that allows customers to compare and purchase insurance policies online, often with the help of artificial intelligence or machine learning algorithms.
- One of the key benefits of D2C insurance platforms is that they allow customers to access insurance products and services more easily and conveniently. By eliminating the need for intermediaries, D2C platforms can reduce costs and pass on those savings to customers in the form of lower premiums. They can also provide more personalized and relevant insurance products by using data and analytics to understand customer needs and preferences.

E-commerce insurance integrations

- E-commerce insurance integrations refer to the bundling and sale of insurance coverage or protection while a consumer is purchasing a product or service online. This brings the coverage directly to the consumer at the point of sale. As a result, the customer doesn't have to go looking for coverage – and they may not even know they need it until they're offered the opportunity. E-commerce insurance integration works by offering insurance coverage or protection while a consumer is purchasing a product or service online. This can be done through an API integration or by using a ready-to-use app for certain e-commerce platforms.
- Overall, e-commerce insurance integrations are an important trend in the insurance industry, as they offer a way to make insurance more accessible and relevant for customers, while also leveraging technology to increase efficiency and reduce costs. However, customers should carefully review the coverage and terms of the insurance products offered through e-commerce platforms to ensure that they are getting the best value and protection for their needs.

Longevity InsurTech Framework

Health InsurTech

Health Insurance

Disability Insurance

mHealth

Tourism Insurance

Wealth Insurance

Private Client Life and Health Insurance

Property & Casualty InsurTech

Asset-Backed Securities Insurance

Art and Collectibles Insurance

Digital Assets and Collectibles Insurance

Securities and Investment Insurance

Life InsurTech

Longevity & Pension Risk Transfer

Life Insurance & InsurTech

Qualified Longevity Annuity Contracts

Longevity Immediate and Deferred Income Annuities

InsurTech Innovative Solutions and Services

InsurTech Marketplaces / Platforms

IoT InsurTech (Wearables)

Big Data Actuarial Models and AI-Driven Premium Calculation

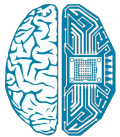
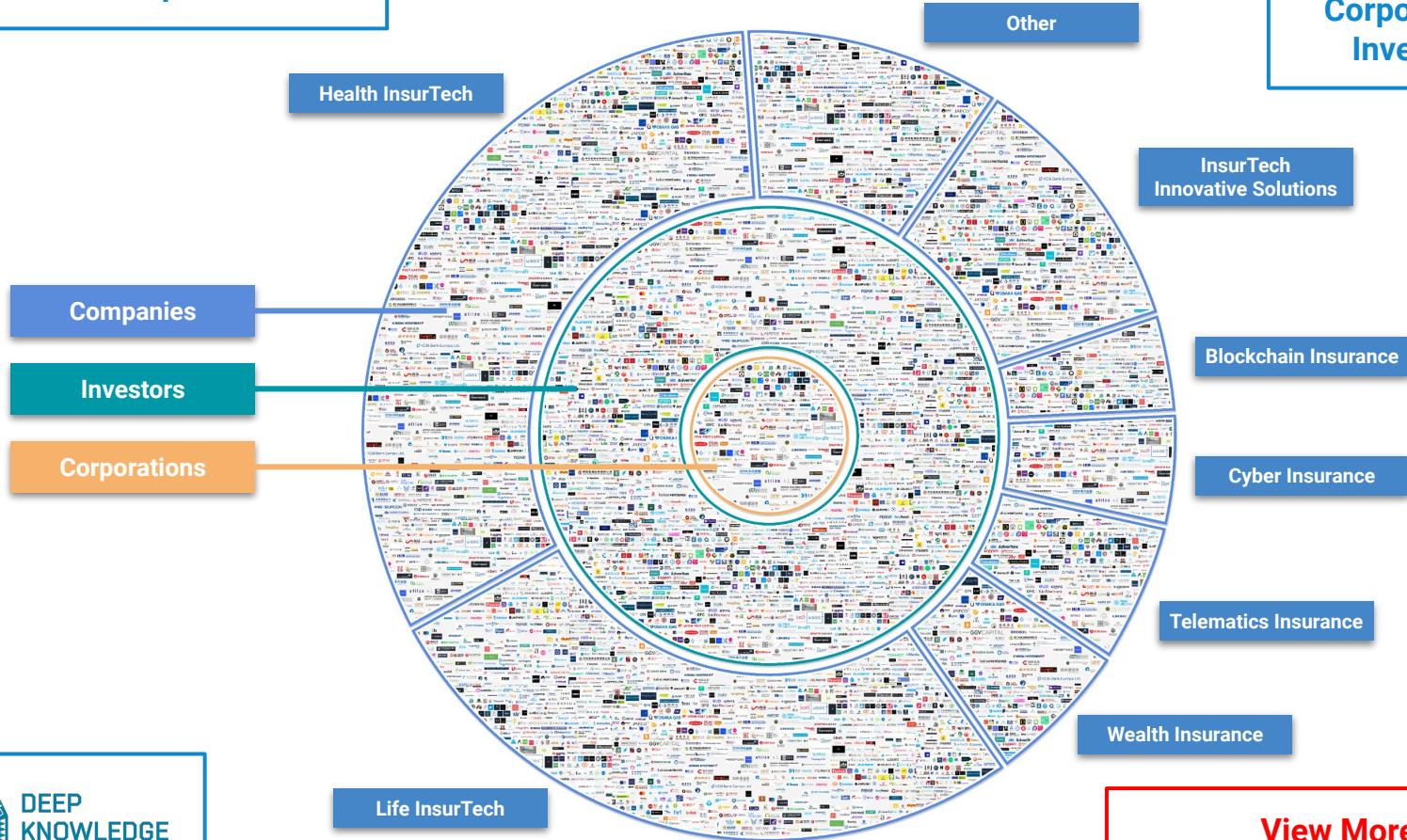
Automated Claims Management

Data Analytics and Management

Risk Assessment

InsurTech Landscape 2023

Companies - 5,000
Corporations - 100
Investors - 1,000

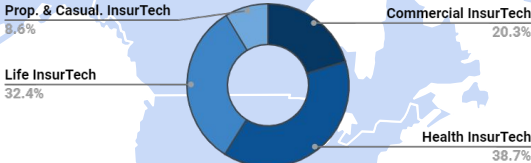


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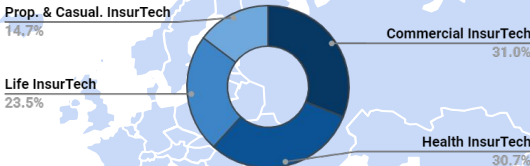
View More at:
www.insurtech-platform.com

InsurTech Companies Geographical Distribution

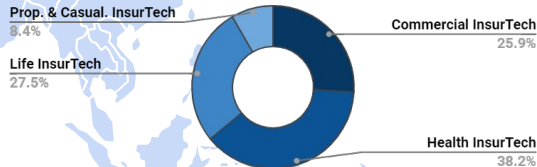
North America, 2,640 companies



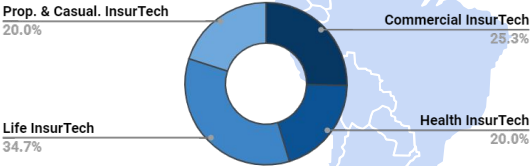
Europe, 1,160 companies



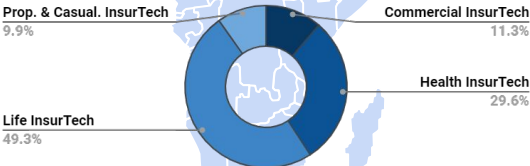
Asia & Oceania, 785 companies



South America, 105 companies



Africa, 100 companies



Health insurance has made massive progress in the previous two years. The pandemic has made people more mindful of life's uncertainties and their lack of health-related disaster preparedness.

It has changed how people understand health insurance, helping them realize the importance of adequate coverage to address escalating medical costs. The requirement for seamless service and flexible coverage push insurance companies to develop innovative service models and cutting-edge products.

Health Insurance

Health
InsurTech

Disability Insurance

mHealth

Increasing Mental health focused services

COVID-19 has sparked more debates about mental health as part of complete therapy. In acknowledgment of the increased demand for mental health services, insurers now cover professional advice, access to meditation apps, and other methods to deal with mental trauma.

Parting Thoughts

New health insurance solutions meet client demands and offer a personalized customer experience. Rising middle-class knowledge of healthcare and retirement planning would support the rise of the health InsurTech sector.

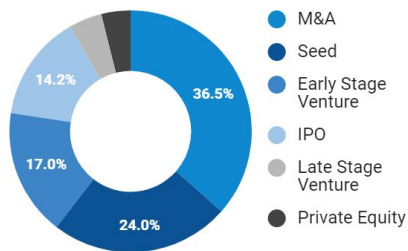
Virtual Delivery

Value chain actors are building a modern infrastructure for optimal patient interaction as virtual healthcare delivery becomes more critical. Real-time patient data improves health outcomes and medical management. Preventive care should be prioritized for whole-patient care.

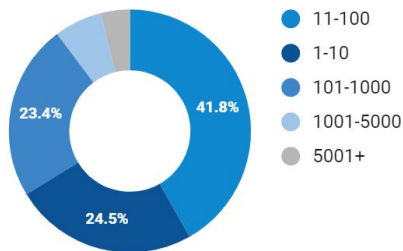
Data interoperability and cloud migration are required for virtual healthcare delivery and seamless care. Healthcare providers and insurers are researching cost-effective methods to handle, preserve, and use patient data.

Health InsurTech Subsectors

Funding Status



Number of Employees

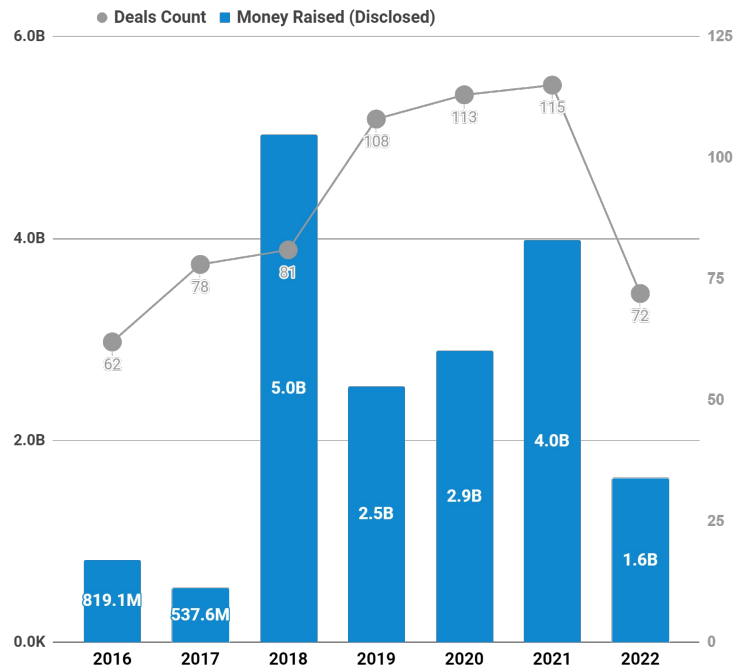


The M&A category is in the lead by funding status. Next are Seed and Early Stage Venture categories. The IPO, Late Stage Venture and Private Equity round out the list.

In terms of number of employees, most companies have 11-100+ employees 41.8%, 24.5% of companies have 1-10 employees, 23.4% have 101-1000 employees, and the smallest number of companies have 1001-5000+ employees.

A decrease in private funding of companies engaged in Health InsurTech has been observed in 2022, reaching \$1.6B compared to \$4B in 2021. Data was collected for 1371 private companies.

Investment Dynamics in Health InsurTech



Deep Knowledge Group

