



FemTech
Analytics

FemTech Industry 2021 / Q2 Landscape Overview

www.femtech.health

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Introduction

1

FemTech refers to software, products and services, and diagnostics that use technology to improve women's health.

2

About 50% of the FemTech market belong to Pregnancy & Nursing and Reproductive Health sectors, however, it is not only limited to these categories.

3

Other important FemTech sectors include Longevity, Healthcare, Diagnostics, Personal Care & Wellbeing, Beauty for FemTech, and PharmTech.

4

Problems are tackled via platforms (e.g. apps and telehealth), deep tech (e.g. AI, ML and big data), and devices (e.g. wearables, sensors, and remote patient monitoring.)

5

The FemTech industry can be thought of as a continuum process: pre-care → during care → post-care.

Source: Media Review

Why is FemTech becoming more important?

Women play a pivotal role in the creation of families; hence, they are key to sustaining healthy families. The fourth wave of feminism we are now witnessing is making this concept even more prevalent and trendy.

Unlike before, women are increasingly pushing for equality in all aspects of life, including the workplace and healthcare. Since more and more of them are dedicating themselves to their careers, women decide to have children later in life; hence, they require more medical attention.

More and more women are thinking of themselves as individuals with their own necessities; hence, they want to take care of their health in every sphere, including general healthcare, sexual healthcare, emotional wellbeing, pregnancy, periods, and a lot more.

Meeting all these demands requires improvement of women's healthcare.

Introduction

Being relatively 'young', the FemTech Industry remains largely underfunded; however, it is predicted to grow exponentially in the coming years. The FemTech industry (and more specifically, women's health and technology) is projected to double in size and include more areas. However, for that to happen, it will have to overcome various challenges.

Lack of Investment

The FemTech Industry accounts for only 1.4% of capital invested in healthcare.

Insufficient R&D Funding

Only 4% of healthcare R&D funding is targeted at women's health.

Public Support

It is hard to get public support in subjects people are less likely to talk about.

Pace of Education

Not enough is being done to debunk myths and break taboos surrounding women-related issues.

Economic Situation

Economic hardships hinder access to high-tech products (e.g. wearable devices) for women in rural areas of the world.

Taxation Risk

Fear of an unfair 'pink tax' applied to products marketed to women.

Historic Effect

Historically, fewer venture capital is invested in women-related startups.

Underestimation of Issues

When it comes to health issues, women are largely not listened to or believed; hence, lower efficiency.

Approach of the Report

Database

Identification of relevant:

- Companies,
- Investors,
- Influencers,
- Research & Development Centers,

that operate, interact with or are somehow involved in the FemTech Industry.

Applied Research & Analytics Methods

Descriptive
Analysis

Qualitative Data
Collection

Mixed Data
Research

Exploratory Data
Analysis

Comparative
Analysis

Data Filtering

Data Source¹

Publicly Available Sources
(Websites)

Industry-Specialised
Databases

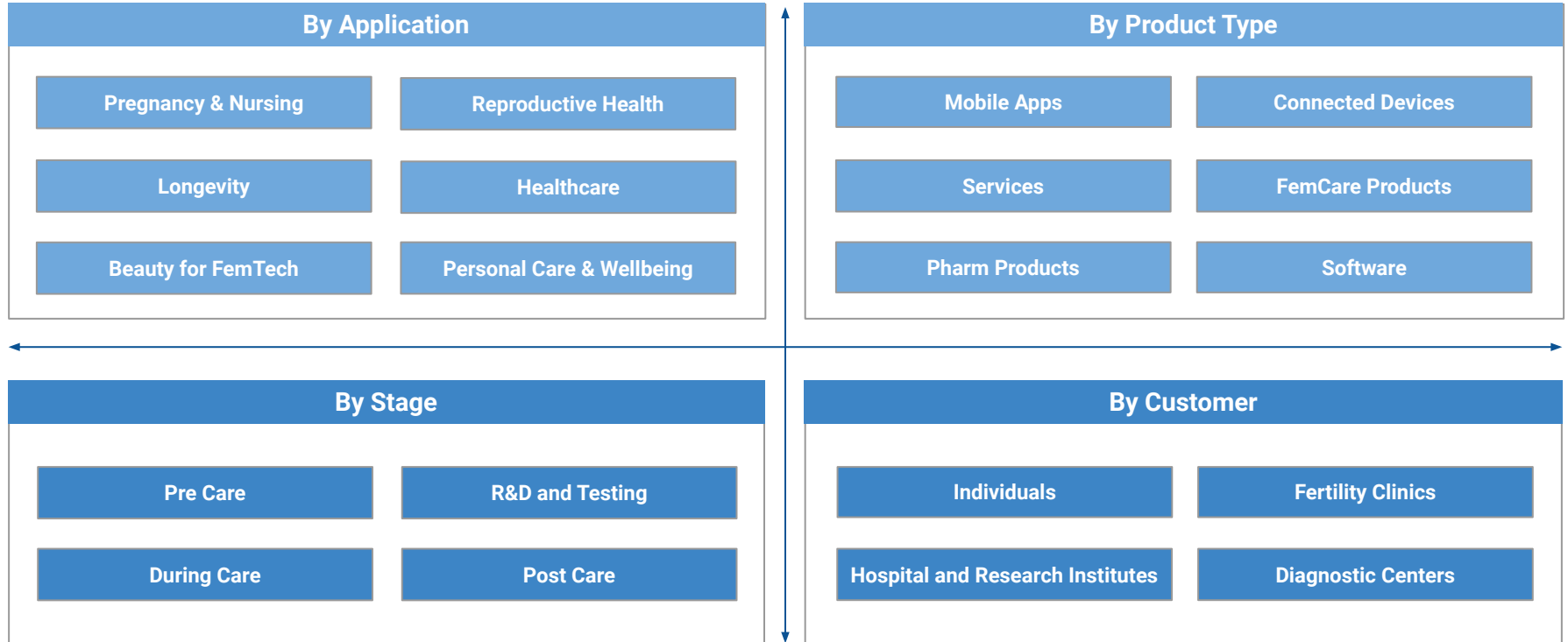
Media Overview (Articles,
Press Releases)

Industry Reports
and Reviews

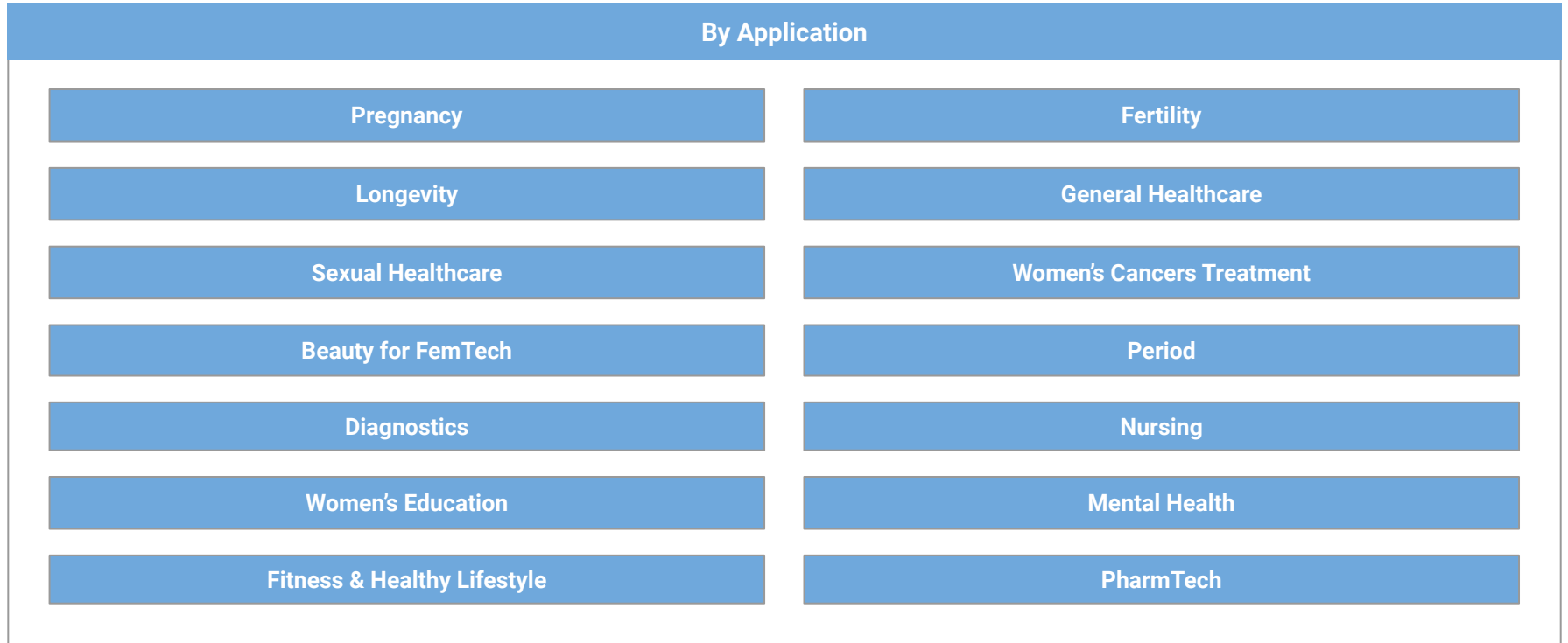
Containing a comprehensive overview of the FemTech Industry, the report relies on various research methods and analytics techniques. Since there is no clear definition of the FemTech market, our assessment is based on certain assumptions. Hence, it is assumed that the FemTech market includes Longevity, Fertility & Period, Pregnancy & Nursing, Diagnostics & PharmTech, General Healthcare, Sexual Healthcare & Wellbeing, Beauty for FemTech, and others. FemTech Analytics is not responsible for the quality of the secondary data presented herein; however, we do our best to minimize possible risks by cross-checking data and using different analytics techniques. Please note that we did not deliberately exclude certain companies from our analysis due to the data-filtering method used or difficulties encountered. In fact, the main reason for their non-inclusion was incomplete or missing information in the available sources.

¹ - grouped by, but not limited to

FemTech Market Framework

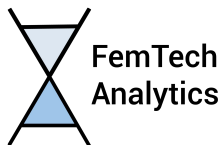
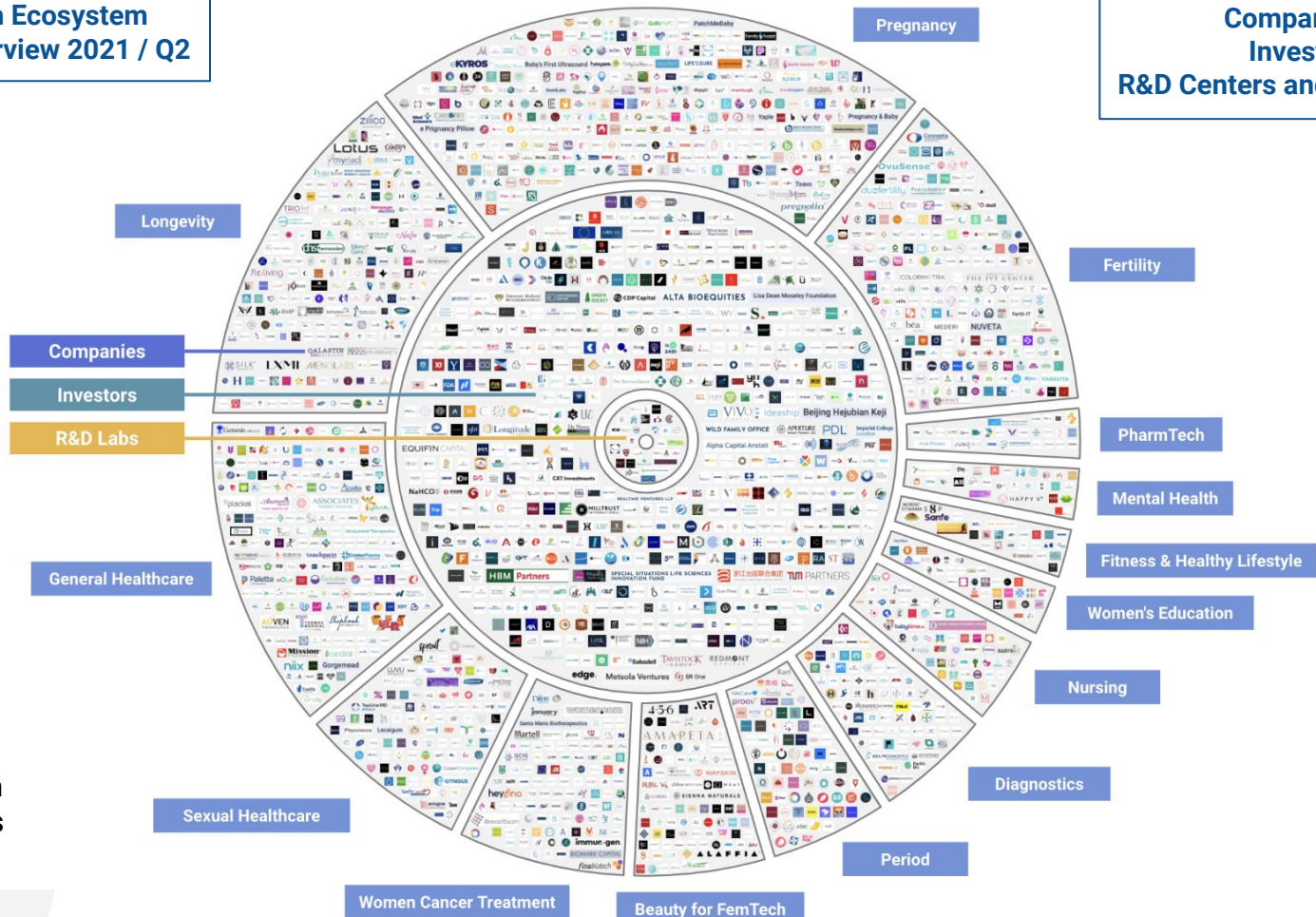


FemTech Framework by Application



Global FemTech Ecosystem Landscape Overview 2021 / Q2

Companies – 1550
Investors – 1000
R&D Centers and Labs – 30



FemTech Industry 2021 Major Subsectors Composition

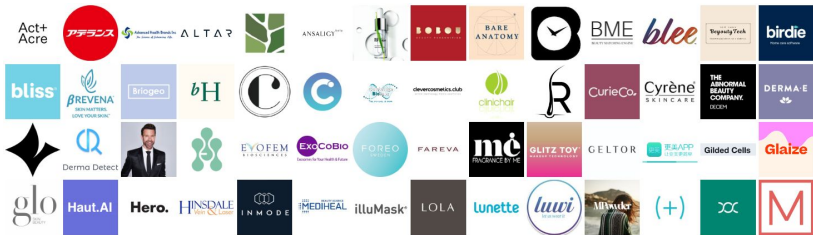
Longevity



Fertility



Beauty for FemTech



Pregnancy

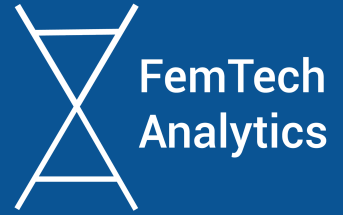


General Healthcare



Sexual Healthcare





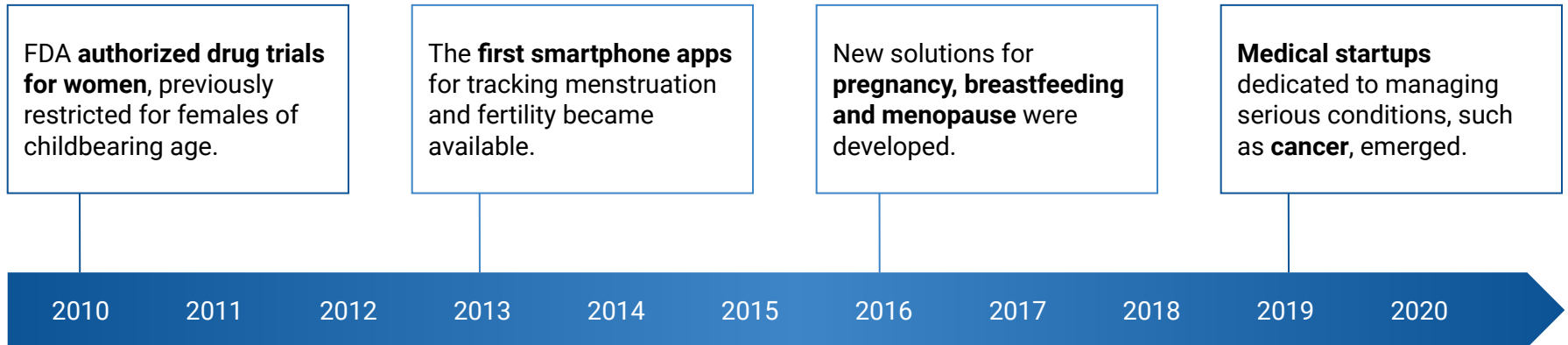
FemTech Industry Overview

2021 / Q2

FemTech Industry General Overview

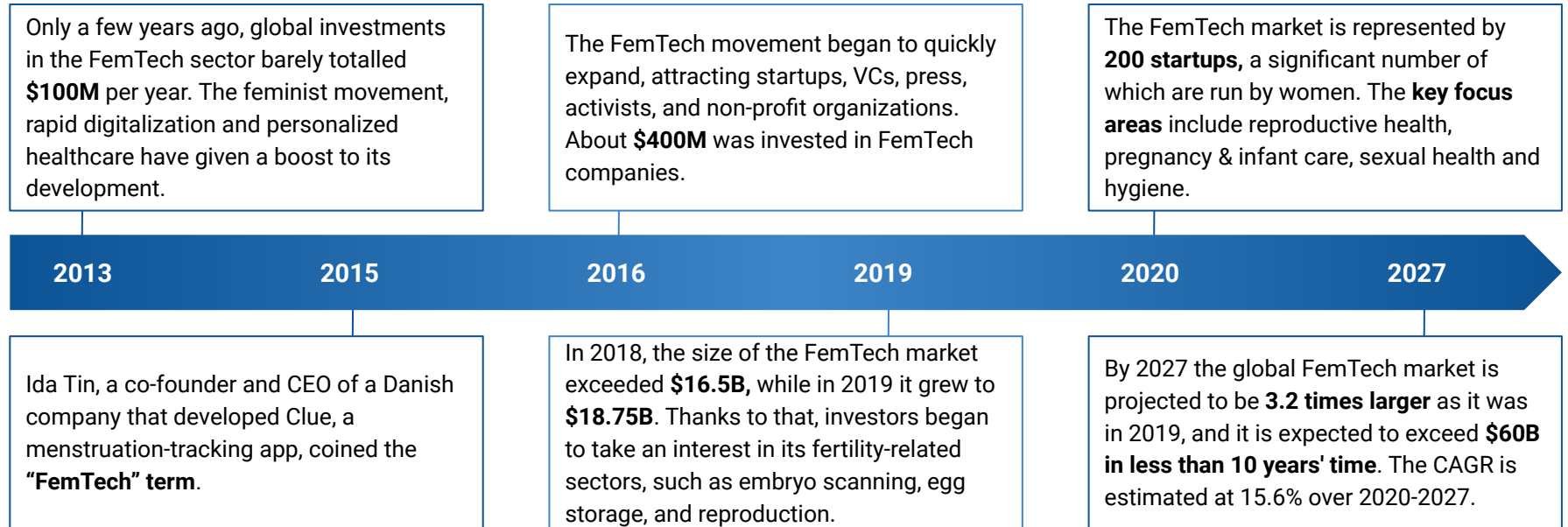
Being a relatively new industry, FemTech includes a broad spectrum of **digital technologies dedicated to the improvement of women's health and wellbeing**. By developing technological solutions for **pregnancy and nursing care, women's sexual wellness, reproductive system healthcare, menopause solutions, female oncology, and general healthcare**, FemTech seeks to fulfil unmet women's needs. The FemTech market includes a wide range of wearable and clinical devices, diagnostic appliances, products, platforms, software, apps, or services.

FemTech has only been around for a couple of years; however, the issues it is facing have been unresolved for decades. Being a distinct form of healthcare, female healthcare has gone through **several phases of development**:



Source: Media overview

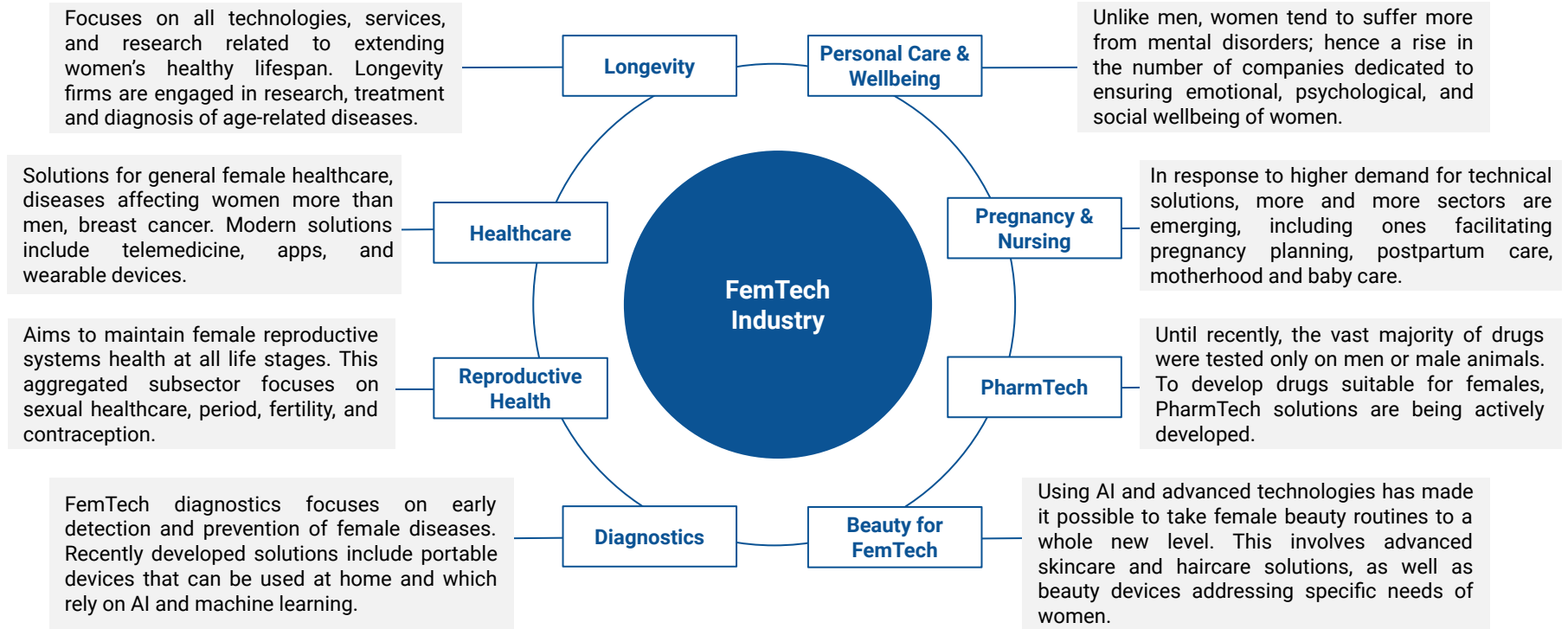
FemTech Milestones



As it evolved, FemTech has ceased to be a merely reproductive concept and become one that encompasses a wide range of health issues disproportionately affecting women (e.g. Alzheimer's, immunodeficiencies or pain management solutions).

Source: Media overview

The FemTech Industry



Source: Media overview

FemTech Industry: At a Glance



1550

Companies



1000

Investors



14

Subsectors



30

R&D
Centers



\$16B

Total Funding
Amount



1000+

Number of
Investments



48%

Covered by Three
Subsectors



50

Influencers

The FemTech Industry can be divided into **14 subsectors** covering all aspects of women's health ranging from **Longevity, Pregnancy, Fertility** to **Mental Health** and **Pharmtech**. The report focuses on: **1,550 companies** in which a total of **\$16 billion** has been invested; **1,000 investors** that have invested in **more than 500 FemTech companies**; **30 R&D centers**; **50 top influencers**. **Pregnancy, Longevity, and Fertility** are the **three largest subsectors** accounting for **48% of the entire industry**.

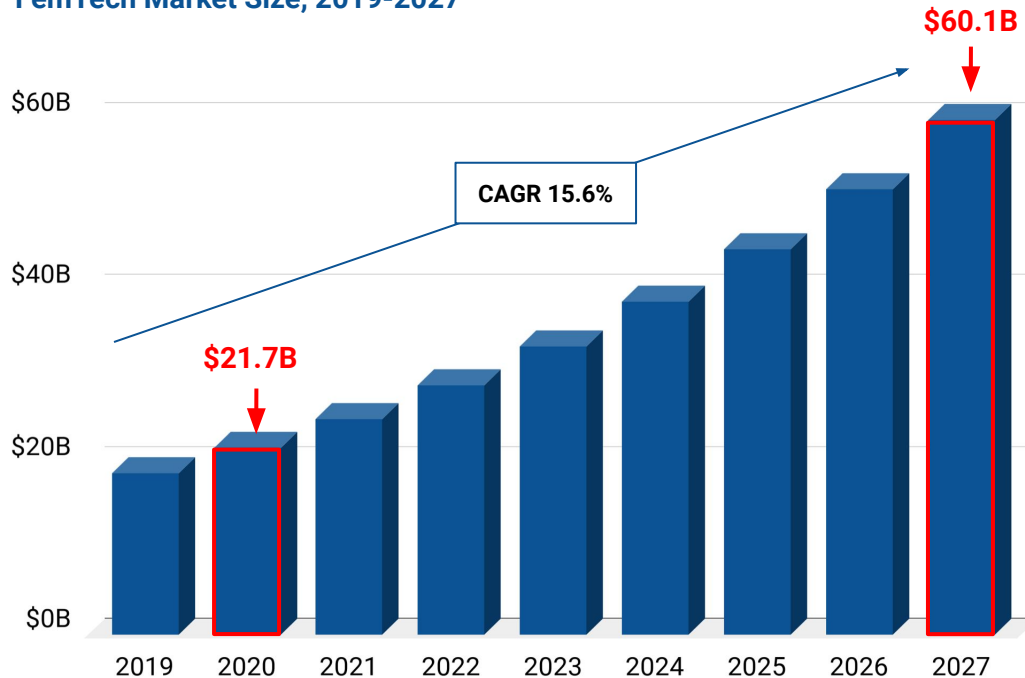
FemTech Industry: At a Glance

Top Region	Top Subsector	Top Product
North America	Pregnancy	Services
Nº1 Publicly Traded Company	Nº1 Investment Deal	Top FemTech Accelerator
\$4.75B Progyny	\$65.7M Sera Prognostic	FemTech Lab
Nº1 Company by Funding Amount	Nº1 Investor by Total Fund Raised	Top FemTech Events Organizer
\$2.48B Evofem Biosciences	\$5.1B Founders Fund	Women of Wearables

Note: top region, top subsector and top product type were identified based on the largest number of FemTech companies.

FemTech Market Size

FemTech Market Size, 2019-2027



Source: [Fortune Business Insights](#); Media overview

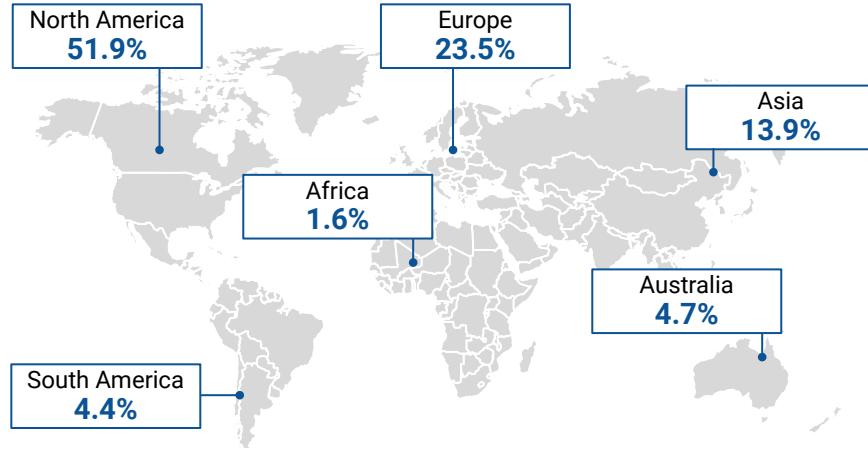
Valued at \$18.7B in 2019, the FemTech market is expected to grow to **\$60B by 2027**, at a CAGR of 15.6%. Despite increased interest from investors, the industry still remains underinvested; hence, it has a huge **growth potential**.

The reason female healthcare has garnered so much attention in recent years is that there has been a **shift in the sociocultural paradigm**. Thanks to that, many topics that were previously ignored can now be openly discussed.

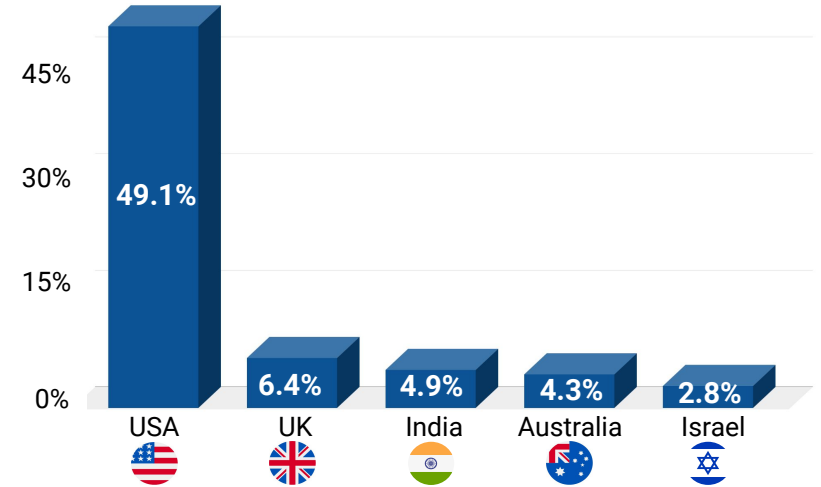
Increased awareness, early self-detection and better management of illnesses by women of all ages have resulted in an increase in **demand for technological solutions**. As of now, this demand hasn't been fully satisfied.

FemTech Companies: Regional Distribution

Distribution of FemTech Companies by Regions, 2021



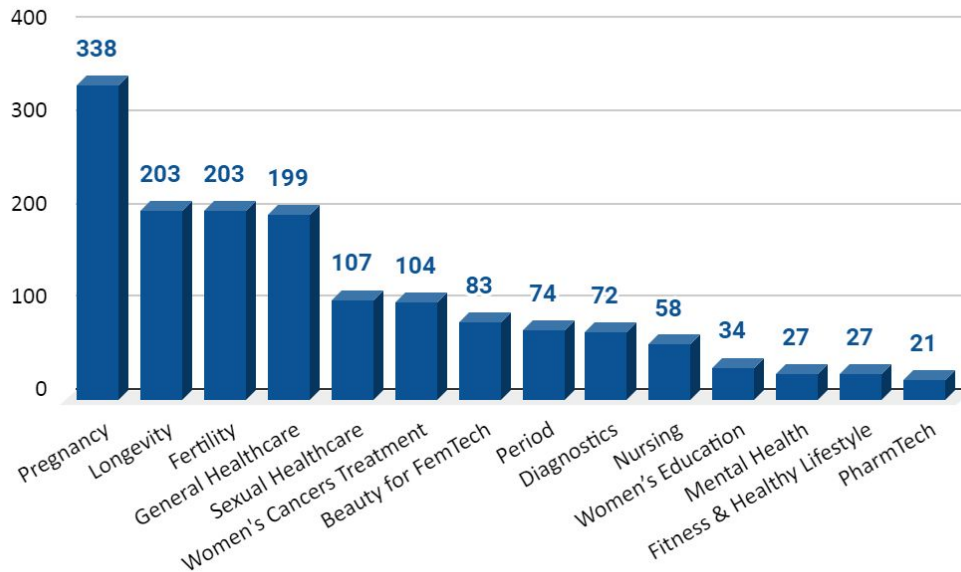
Countries with the Largest Number of FemTech Companies, 2021



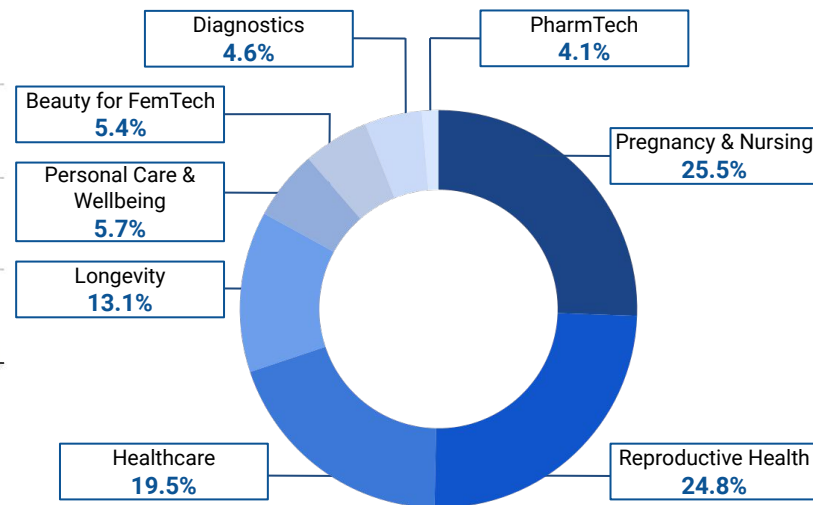
When it comes to FemTech companies, North America, and particularly the **US**, is the **undisputed leader**. Accounting for **nearly 52% of the total number** of FemTech companies, it beats other regions by a wide margin. **Europe** is second, at **24%**, followed by **Asia with 14%**. The **UK** and **Israel** are the two countries with the highest number of FemTech companies in their respective regions. **Asia's undisputed leader is India** which accounts for 5% of FemTech companies.

FemTech Companies by Subsectors Overview

Distribution of FemTech Companies by Subsectors, 2021



FemTech Companies by Aggregated Subsectors, 2021

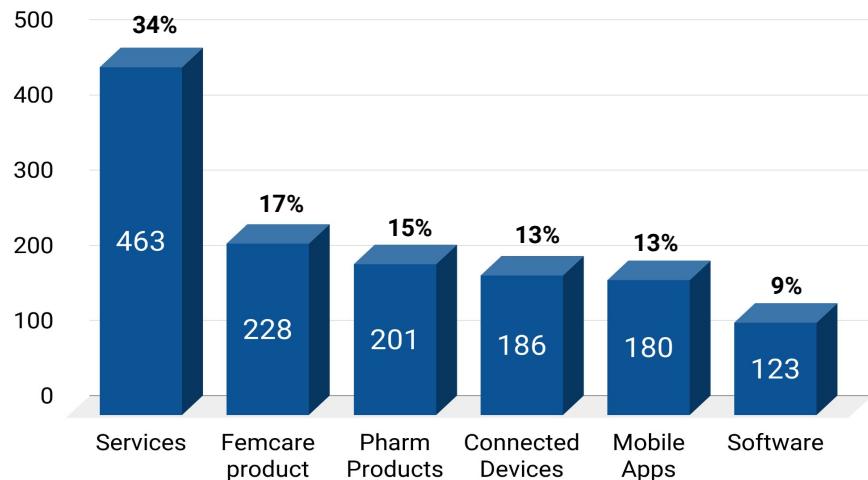


Accounting for **21.8% of the total market**, **Pregnancy** is the **largest subsector** of the FemTech Industry. It is followed by **Longevity** and **Fertility**, which account for **13.1%** each.

Pregnancy & Nursing is the largest aggregated subsector, followed by **Reproductive Health**, and **Healthcare**. Together, these **top 3 aggregated subsectors account for 70%** of the entire FemTech market.

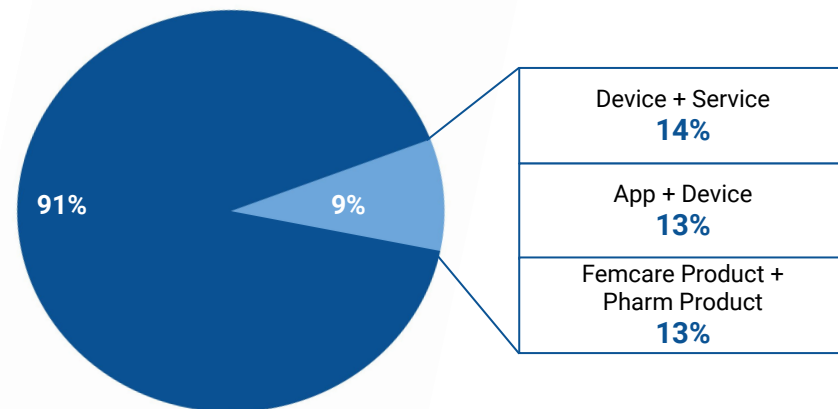
FemTech Companies by Product Overview

Distribution of Companies by Product in Absolute Values and Percentage, 2021



Companies with Multiple Products, 2021

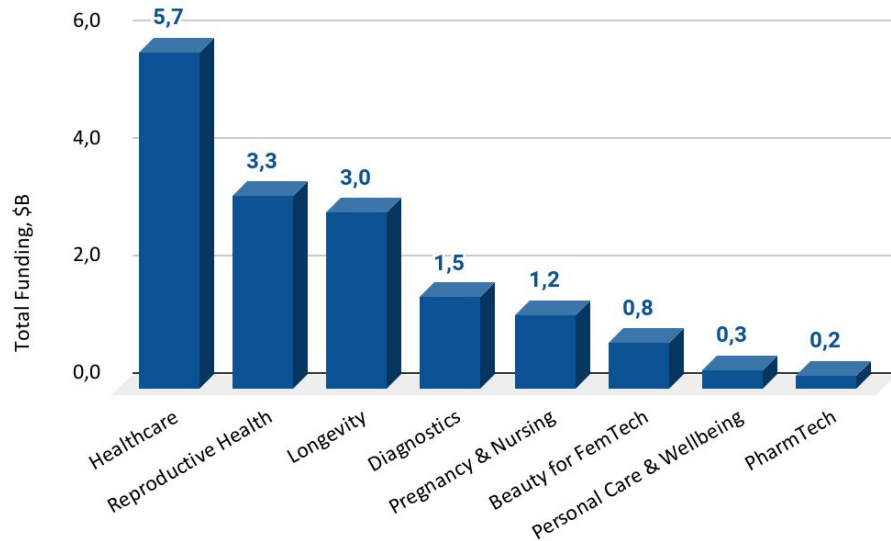
● One Product ● Multiple Products



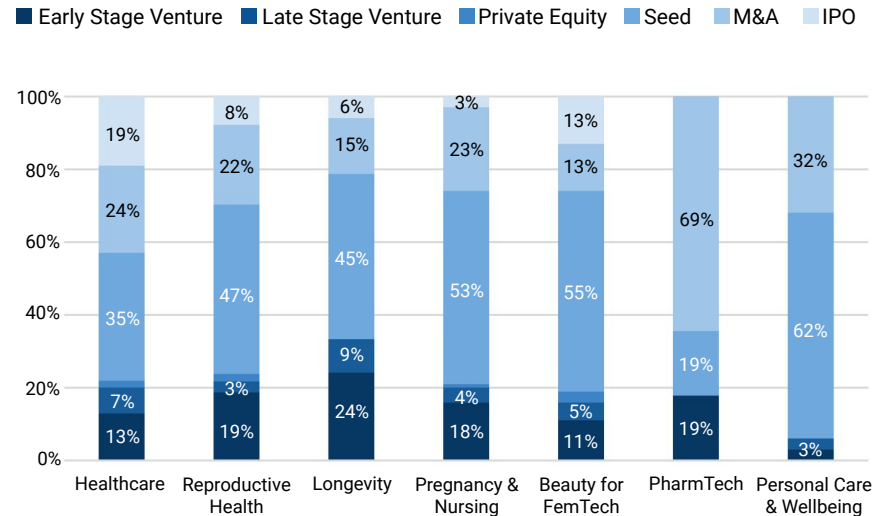
Classifying the FemTech market **by product types** and analyzing the companies' distribution, we see that **Services is the largest category** accounting for **34%** of the entire FemTech market. The other products are more or less evenly distributed. Interestingly, **91% of the companies supply one product**, while only 9% of them manufacture more than one product. The most popular combinations include Device and Service, App and Device, Femcare Product and Pharm Product.

FemTech Aggregated Subsectors Funding

FemTech Aggregated Subsectors by Funding Amount, 2021



Major FemTech Aggregated Subsectors by Funding Status, 2021

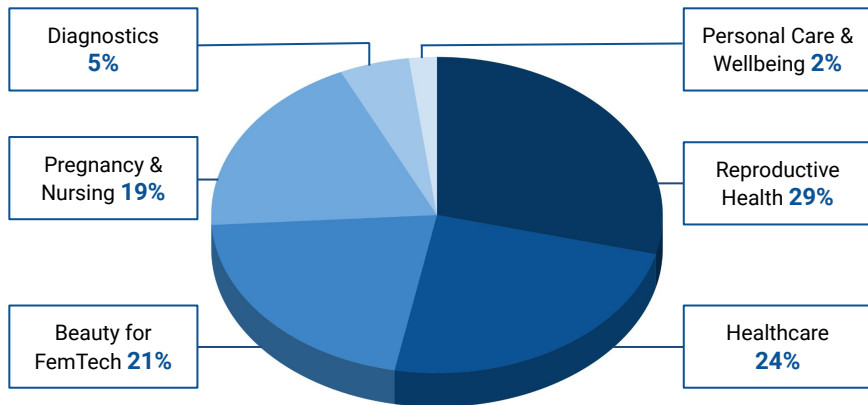


Comprised of General Healthcare and Women’s Cancers Treatment (about 300 companies totally), **Healthcare** aggregated subsector receives the **highest share of the total FemTech funding** – **35.6%**. Being the second largest aggregated subsector by the number of companies (384), **Reproductive Health** is also on the second place in terms of funding (20.3%). **Longevity** has 18.7% of the total industry funding, having about 200 companies. Despite having 88 companies, Personal Care & Wellbeing is one of the least funded aggregated subsectors. In terms of the funding status, **Seed is the most popular** type, followed by M&A and Early Stage Venture.

FemTech Subsectors Using AI

FemTech Aggregated Subsectors Using AI, 2021

In total, 6% of FemTech companies use AI



Of the six aggregated subsectors **using AI**, **three account for 74%** of all AI technologies used in FemTech. Being the second in terms of funding and by the number of companies, **Reproductive Health** has the highest number of companies using AI. Reproductive Health is followed by **Healthcare** and **Beauty for FemTech**, accounting for **24%** and **21%** respectively. Personal Care & Wellbeing aggregated subsector has the lowest number of companies using AI.

Diagnostics

Using AI technologies and big data to better identify health problems faced by women; providing personalized solutions in a matter of seconds.

Personal Care & Wellbeing

Making healthcare and emotional well being highly personalized through the use of AI and machine learning to provide solutions specifically addressing the problem.

Pregnancy & Nursing

Connecting trusted experts to ensure that women receive full and high-quality care; providing personalized advice during pregnancy.

Reproductive Health

AI-powered companies have developed a better understanding of reproductive health at all stages, which helps to monitor cycles and fertility windows.

Beauty for FemTech

By using AI, beauty tech companies are able to provide women with personalized offers and care, according to their needs.

Healthcare

AI-based technologies provide care coordinators and 24/7 telemedicine access to a range of women's healthcare problems.

FemTech Companies Using AI



Austria



SteadySense

Subsector: Fertility
Product: Connected Device



Scarletred Holding

Subsector: Beauty for FemTech
Product: Mobile App



France



Apricity

Subsector: Fertility
Product: Mobile App



Fizimed

Subsector: Sexual Healthcare
Product: Mobile App, Connected Device



United Kingdom



Kheiron

Subsector: Women's Cancers
Product: Software



Nurturey

Subsector: Pregnancy, Nursing
Product: Mobile App



USA



Flo Health

Subsector: Period
Product: Mobile App



Bloomlife

Subsector: Pregnancy
Product: Connected Device



Israel



Nuvo Group

Subsector: Pregnancy
Product: Mobile App



Gina Life

Subsector: General Healthcare
Product: Software



Estonia



Haut.AI

Subsector: Longevity
Product: Mobile App



Velmio

Subsector: General Healthcare
Product: Mobile App

Source: Companies' websites; Media overview

Investments Landscape Overview

The fact that FemTech presents a viable investment opportunity can be explained by an **ongoing upward trend in diversity and recognition of the importance of preventive health** and personalized medicine. Also, personalized wellness and consumer healthcare technology have recently been among the top-five investment areas in digital health.

Let's have a look at some of the **key aspects** of FemTech investments.

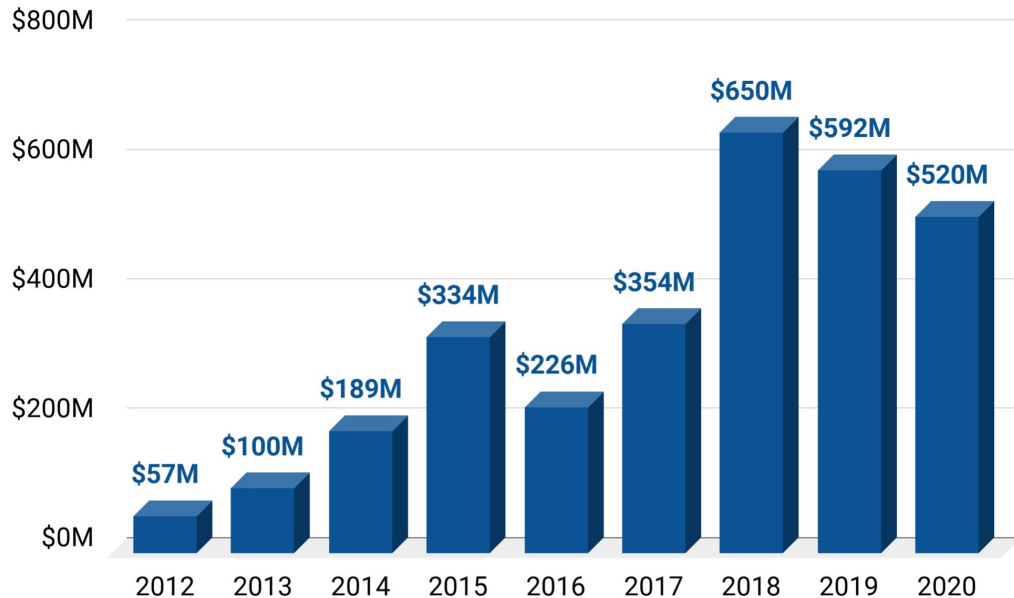
The vast majority of decision-makers in the FemTech Industry are men. Only **17% of startups have at least one female** founder, and only **14% of VC investment** goes to women-led startups. Almost **90%** of investment **decision-makers are male**. Under such circumstances, conveying the needs of women and unleashing the full potential of the market is a big challenge.

M&A is most common among startups operating in the general health & wellness category. Only two companies were acquired in 2020, while as many as six were acquired in 2019. Five of the six acquired companies and the two M&A deals took place in the **general health & wellness subsegment**. One of the largest deals involved the acquisition of Procter & Gamble for **\$100 million in February 2019**.

There has been an increase in funds committed exclusively to funding women's health enterprises. In response to the **lack of financing** from traditional investment funds, niche funds, often led by women, have been emerging. **Portfolia**, a venture platform financed almost exclusively by female investors, announced the creation of a **new fund that would focus exclusively on FemTech**. Another example is **Astarte Ventures** which invests in companies focusing on the **health and wellbeing of women** and children.

Investments Landscape Overview

Global VC Investment in FemTech, 2012-2020



Source: Pitchbook data; Media overview

As of now, only **4% of tech investment** in life science target health tech solutions for women.








In **2020**, a total of **\$520M of VC capital** was invested in FemTech, a slight decrease from 2019's \$592M.

One of the reasons why the industry isn't getting significant VC funding is the poor track record of sizable exits.

Only **five FemTech exits** took place in 2020, with two companies acquired by Bayer (ETR:BYN), and six completed in 2019.

Nevertheless, overall VC investment in FemTech startups has **grown tenfold** since 2012.

Top Recent M&A Deals in FemTech

Company	Description	Acquirer	Exit Value
 KaNDy THERAPEUTICS	KaNDy Therapeutics is a biotech company focused on the treatment of menopausal symptoms.	Bayer (ETR: BAYN)	\$425M
 care/of	Care/of provides direct-to-customer monthly subscription of personalized vitamins and supplements.	Bayer (ETR: BAYN)	\$157M
 L.	This is L. is a manufacturer and distributor of award-winning organic female personal care products.	Procter & Gamble (NYSE: PG)	\$100M
 acessa HEALTH	Acessa health is a biotech company that develops a minimally invasive solutions to treat uterine fibroids.	Hologic (NAS: HOLX)	\$80M
 Cellapy	Cellapy's services mainly focus on skincare products, anti-ageing creams, moisturizers, and lotions.	ABLE C&C (KRX: 078520)	\$59M
 lucina	Thomas Medical is a device manufacturer for women's OBGYN, surgical, and fertility products.	MedGyn	N/A
 THOMAS MEDICAL	Lucina is a maternity analytics platform for prioritizing at-risk pregnant mothers.	Unified Women's Healthcare	N/A

Top Investment Deals in FemTech in 2020

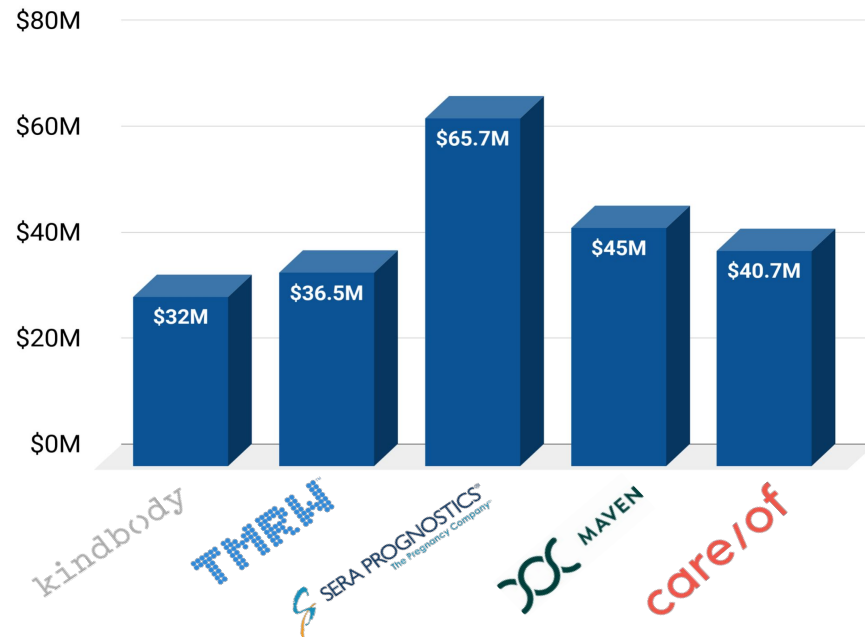
In 2020, a total of **\$376.2 million** was invested in FemTech startups.

Some of the major deals included:

- **Kindbody** – **\$32M**, a company offering **gynecology, fertility, and family-building care** in modern, tech-enabled clinics (Series B round);
- **TMRW Life Sciences** – **\$36.5M**, the world's first and only **automated platform** for the safe management and care of the **frozen eggs and embryos** used in IVF (Series B round);
- **Sera Prognostics** – **\$65.7M**, the developer of the **PreTRM test**, an innovative blood test that predicts an **expectant mother's risk of premature birth** (Series D round);
- **Maven Clinic** – **\$45M**, helps companies retain diverse talent, improve health outcomes, and **reduce maternity and fertility costs** (Series C round); and
- **Care/of** – **\$40.7M**, provides a monthly subscription of **personalized vitamins** (Series D round).

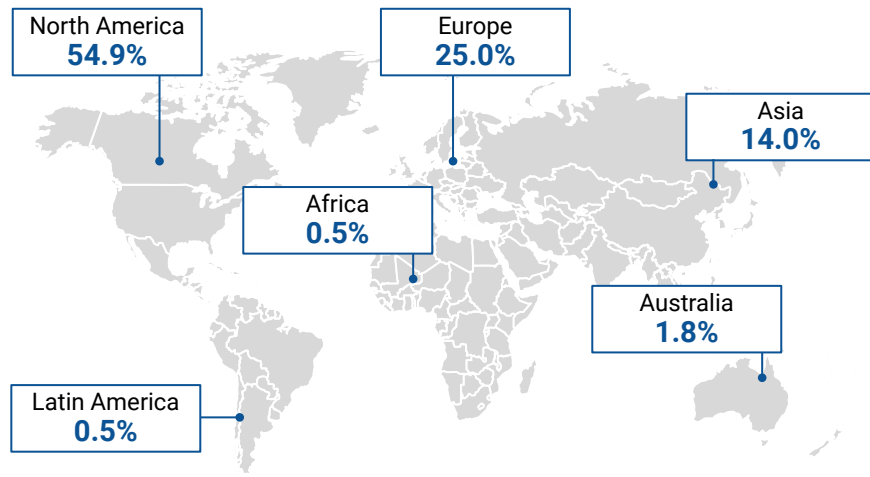
Source: Media overview

Top-5 Investment Deals

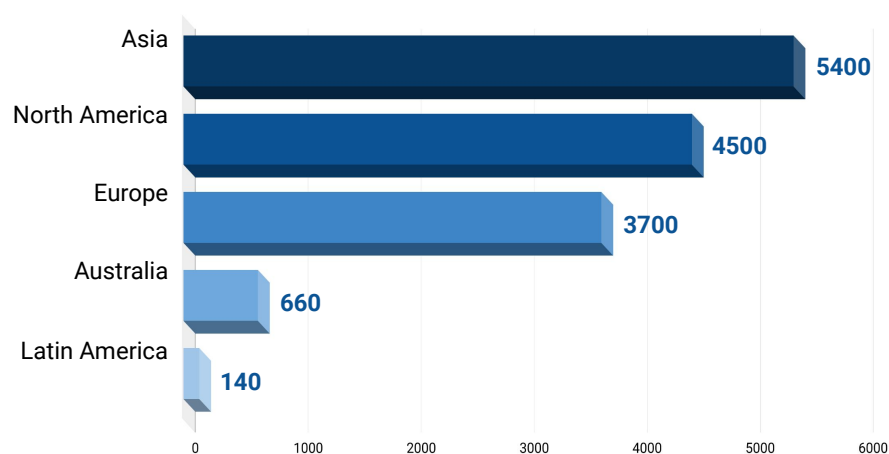


FemTech Investors Distribution by Region and Funding

Distribution of FemTech Investors by Region, 2021



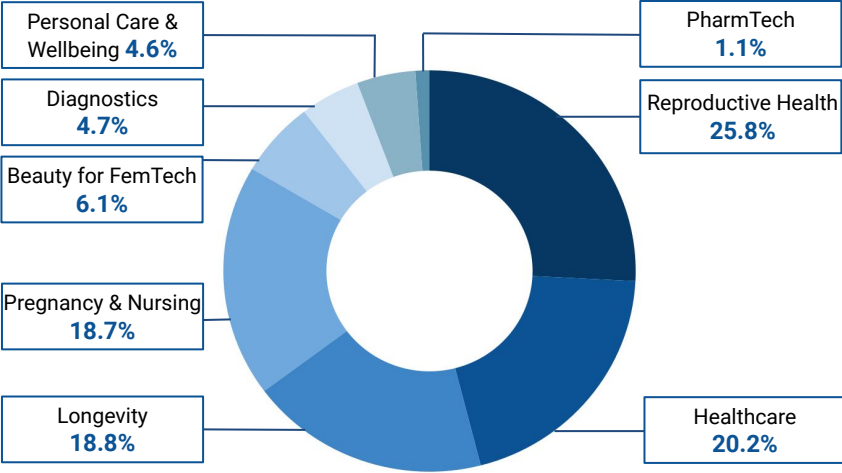
FemTech Investment by Region, \$M, 2021



Accounting for nearly **55%**, North America, and more specifically, the **US**, is the **leader in the number of FemTech investors**. **Europe** is second at **25%**, while Australia, Africa, and South America jointly account for only **2.8%**. Despite having only **14%** of FemTech investors, **Asia** can boast the **largest share of Investment (\$5.4B)**. There is a **huge gap** between investments in the top and bottom regions, such as Australia, Latin America, and Africa.

FemTech Investors Distribution by Aggregated Subsectors

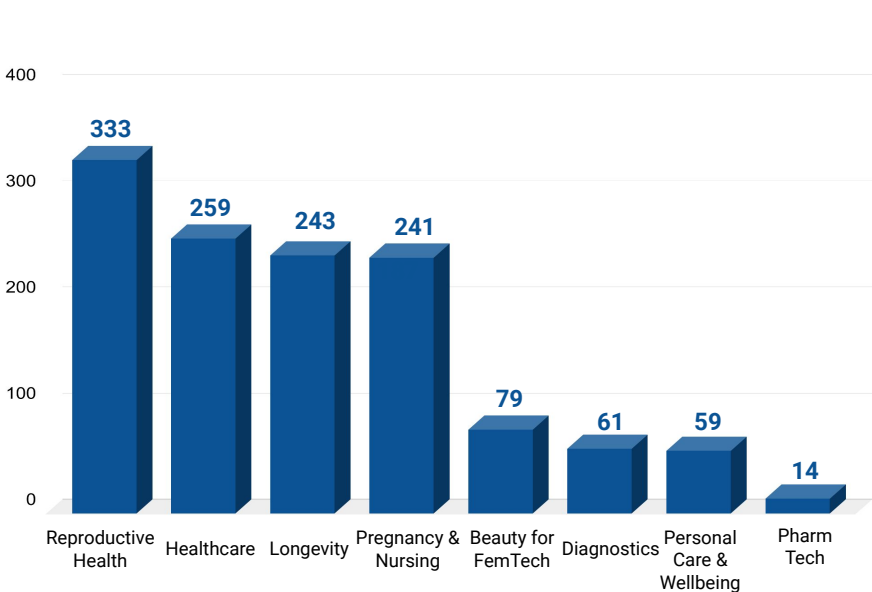
FemTech Investors by Aggregated Subsectors in %, 2021



Investors split in %



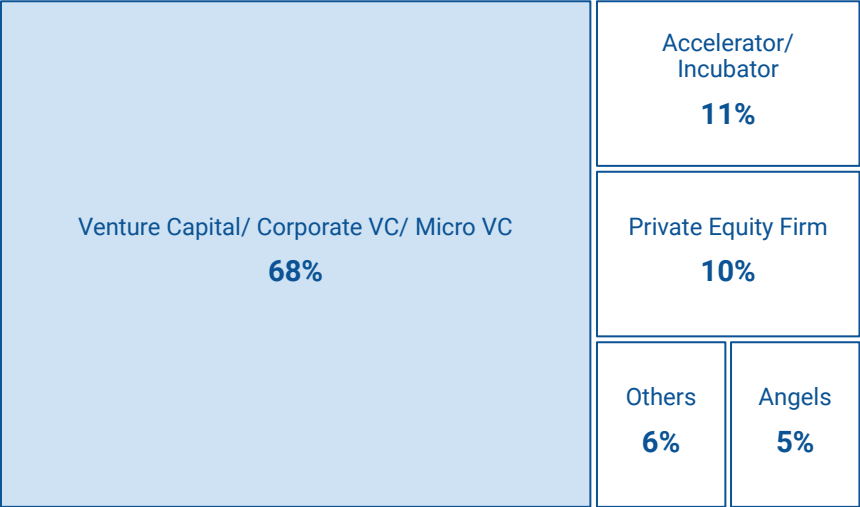
Number of FemTech Investors by Aggregated Subsectors, 2021



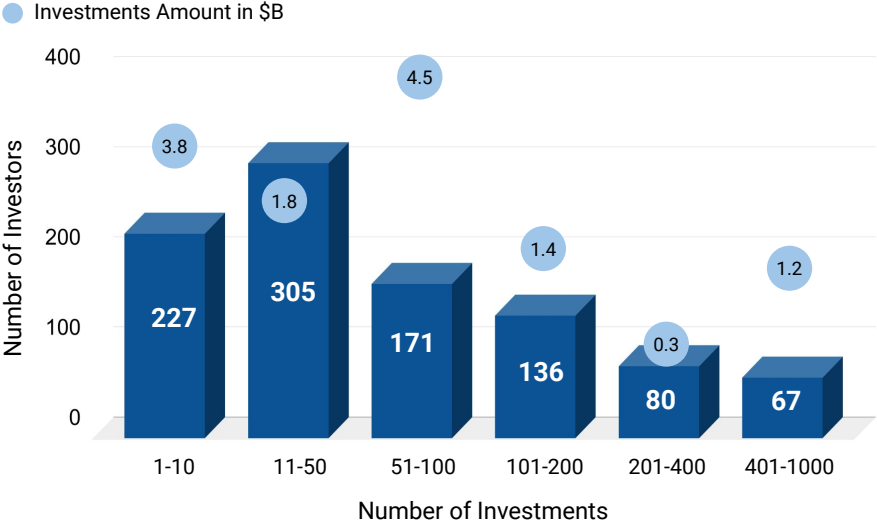
FemTech **investors** mainly **invest in Reproductive Health (25.8%)**. **Healthcare** and **Longevity** are the next largest aggregated subsectors in terms of investment (20.2% and 18.8% respectively). PharmTech has the lowest number of investors (1.1%). More than 40% of investors **invest in multiple subsectors**. The distribution of investors corresponds to the percentage share; out of the total number of investments, 333 were made in Reproductive Health (and more specifically, in Fertility, Period, and Sexual Healthcare).

Distribution of FemTech Investors by Type and Number of Investments

FemTech Investors Share by Types, 2021



Distribution of Investors by Investments, 2021



Venture capital (VC) firms, including **Corporate VC** and **Micro VC**, account for **68% of all investors**. Other investors include Accelerators/Incubators, Private Equity Firms, and Angels. With a total investment of **\$1.8 B**, FemTech Investors mostly have **11-50 investments** in their portfolios. At **\$4.5 B**, investors with **51-100 investments** have the highest value of investments. **71% of investors** have **fewer than 100 investments** in their portfolios.

Investors Exclusively Focused on FemTech

1

PORTFOLIA

The Portfolia FemTech Fund focuses on emerging technologies, products and services improving women's health and wellness throughout their lives.

2

 **Avestria**

Avestria Ventures Management, LLC operates as a venture capital firm. The Company invests in early stage women's health and life science companies.

3

 **STEELSKY
VENTURES**

SteelSky Ventures is an early stage fund investing in the future of Women's Health. The fund is focused on investing in high growth companies that significantly improve access, care and outcomes in women's health.

4

 **Astarte**

Astarte Ventures is the first venture fund dedicated exclusively to the health and wellbeing of women and children, with a primary focus on early intervention and prevention measures.

5

 **FF**

Female Founders Fund is a seed stage venture fund that invests exclusively in female-founded companies. The focus areas are e-commerce, media, platforms, advertising and web-enabled services.

6

 **Rhia
VENTURES**



















Rhia Ventures is an investment fund and incubate programmatic initiative. Rhia Ventures invests in reproductive healthcare solutions that empower women.

7

 **THE CASE FOR
HER**

The Case for Her is a philanthropic investment portfolio addressing the key women's health issues of menstruation and female sexual health through grants, investments, conventions, and advocacy.

FemTech Accelerators

1		FemTech Lab	11		XLerateHealth
2		FemTech Program at Station F	12		P4 Precision Medicine Accelerator
3		GUILD ACADEMY – FemTech	13		DayOne
4		AXA & 50in Tech	14		Nex Cubed
5		EVE FemTech Hub	15		Startupbootcamp
6		JLABS	16		Scale Los Angeles
7		DigitalHealth.London	17		Startup Creasphere
8		Bayer G4A	18		UnitedHealthcare Accelerator
9		Springboard's Health Innovation Hub	19		The New York Digital Health Innovation Lab
10		Dreamit	20		Rockstart Health

Longevity in FemTech

2021 / Q2

Longevity in FemTech

Being an important part of the FemTech Industry, **FemTech Longevity** focuses on technologies, services, and research related to **extending women's healthy lifespan**. FemTech Longevity companies are engaged in **research, treatment, and diagnosis of age-related diseases**, as well as research in the field of **regenerative medicine**. They also provide information, medical, and psychological assistance to women seeking to live longer and happier lives.

By focusing exclusively on female health, a tech sector will inevitably acquire special significance for areas inextricably linked to the aging process (e.g. effects of menopause). Hence, FemTech has formed a synergetic connection with the Longevity Industry. The FemTech sector was popularized after the creation of the Centre for Female Reproductive Longevity and Equality at the Buck Institute for Research on Aging – a center for FemTech in all but name.

In the years **2015-2020**, women's life expectancy averaged **83.4 years**

In all parts of the world, **women on average live longer** than men.

Men's life expectancy is almost **7%** (or about **8 years**) less than women's.

It may seem that the difference in life expectancy between women and men can be explained only by **biological reasons**. However, women actually **face a lot more difficulties on their way to longevity**. The high mortality rate among mothers is reason enough for men to be seriously concerned. Women's health is also strongly affected by **social background** (employment, income level, family responsibilities) and environmental conditions.

Source: Companies' websites; Media overview

Longevity in FemTech

The rise of the FemTech Longevity sector may partly be the result of the increasing lag between female healthspan (the number of years free from chronic, degenerative age-related disease) and their rising lifespans. Females have higher average lifespans and life expectancies than men. However, the number of years spent suffering from age-related diseases like dementia is also higher.

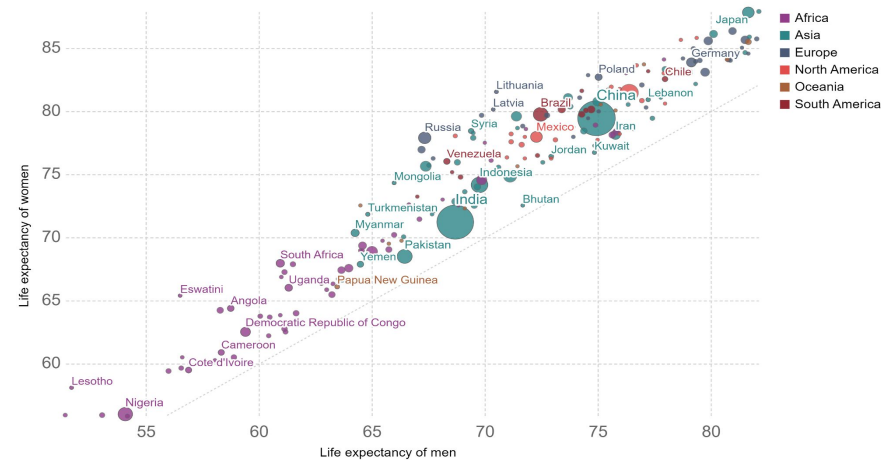
This creates an unmet need for products and services aiming to maximize female healthspan that the rising FemTech Longevity sector is striving to fulfill. As population aging continues to steepen, and the proportion of individuals above the age of 60 continues to rise, the available market for FemTech Longevity companies rises proportionally.

The chart above shows life expectancy at birth for men and women. As we can see, all countries are above the diagonal parity line – this means in all countries a newborn girl can expect to live longer than a newborn boy. Interestingly, this chart shows that while the female advantage exists everywhere, the cross-country differences are large. In Russia, women live 10 years longer than men; in Bhutan, the difference is less than half a year.

Source: Companies' websites; Our World in Data

Life Expectancy of Women vs Life Expectancy of Men, 2020

In countries that lie above the grey line the life expectancy of women is higher than for men.



Source: UN Population Division (2019 Revision)

Note: Shown is the period life expectancy at birth measured in years.

CC BY

Longevity in FemTech

MENTAL HEALTH

In general, women do not experience more emotional disorders than men. At the same time, they are **more susceptible to anxiety and depression**.

According to the World Health Organization, about **10%** of pregnant women and about **13%** of postpartum women experience **mental health problems, the most common of which is depression**.

Unfortunately, few women today are aware of the existence of companies that can help them deal with pregnancy-related challenges. **PANDAS and BenefitBump** are only two examples from the long list of such companies.

BREAST CANCER TREATMENT

Breast cancer is the most diagnosed disease and the leading cause of cancer-related deaths worldwide. Hence, the **longevity** of women depends on the early diagnosis and successful treatment of breast cancer.

Ribociclib, also known as **Kisqali**, is a medicine developed by two biotechnological companies - **Novartis and Astex Pharmaceuticals**. It is used to treat oestrogen receptor positive, HER2 negative, and metastatic breast cancers. CDK inhibitors **prevent the growth and division of cancer cells** by inhibiting kinases, enzymes that catalyze the transfer of phosphate groups from one molecule to another.

MENOPAUSE SOLUTIONS

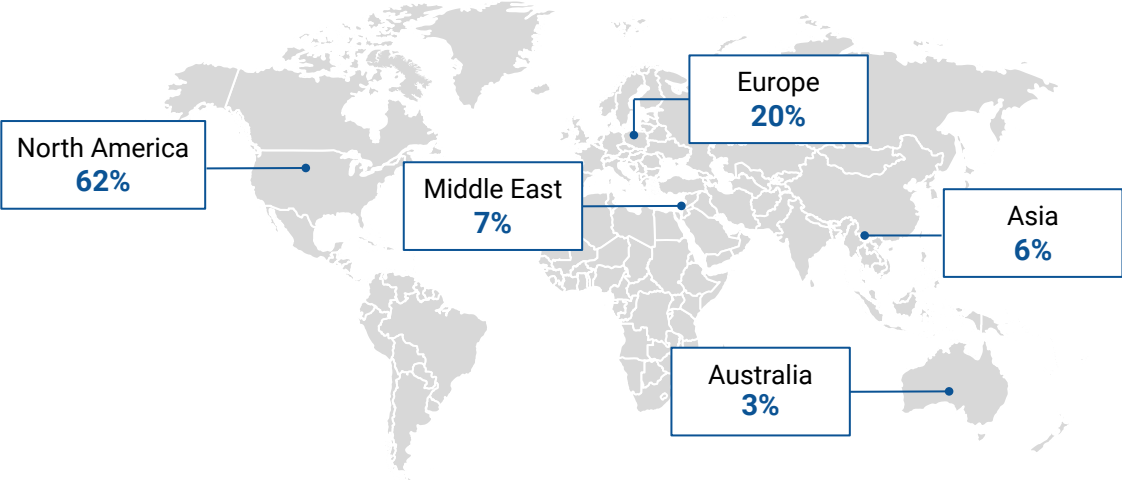
It is a well-known fact that **menopause** can cause an increase in the accumulation of abdominal adipose tissue. **Aging** can also trigger weight gain which can increase the risk of development of serious diseases, such as **cancer, hypertension, type 2 diabetes, stroke, and osteoarthritis**.

In the past two decades, evidence of the benefits of **calorie restriction for longevity** in women has begun to emerge. It has been found that calorie restriction without malnutrition can improve the situation with **markers of aging** and age-associated diseases, such as Type 2 diabetes, cardiovascular diseases, cancers, and neurological disorders.

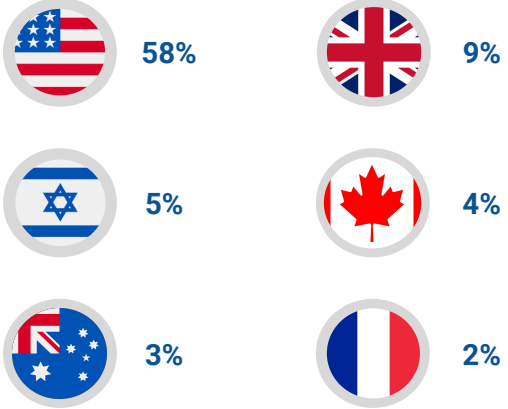
Source: Companies' websites; Media overview

FemTech Longevity Companies Regional Distribution

Distribution of FemTech Longevity Companies by Major Regions, 2021



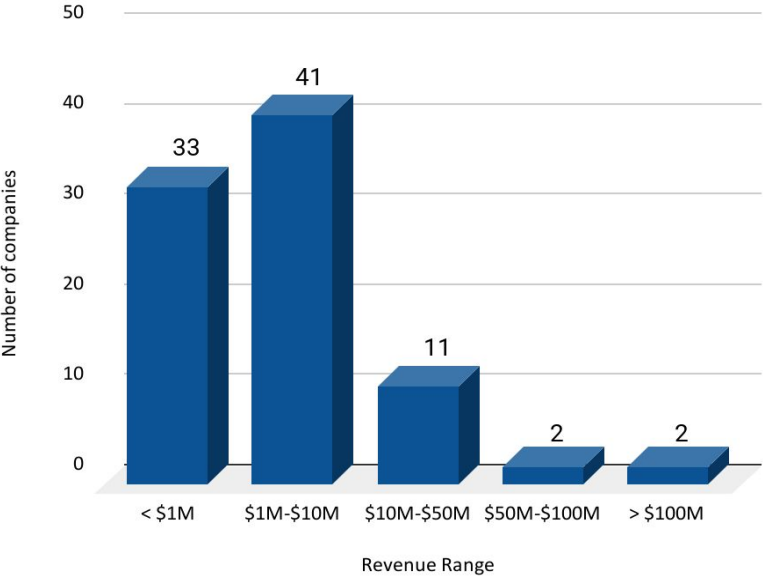
Leading Countries by Share of Longevity Companies, 2021



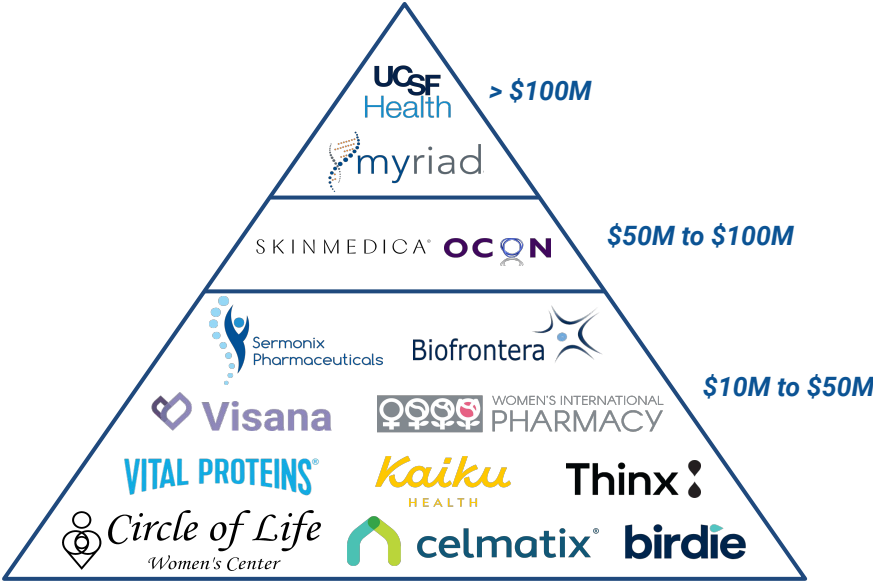
Geographically, the vast majority of companies in the FemTech Longevity subsector are based **in North America**, particularly in the United States, where **58%** of companies are located, and Canada at 4%. **Europe** is the second-largest region, with a 20% share, led by United Kingdom. Israel leads the **Middle East** region in the number of companies. Asian countries and Australia are somewhat less represented by FemTech Longevity subsector.

FemTech Longevity Companies by Revenue Overview

Distribution of FemTech Longevity Companies by Revenue, 2021



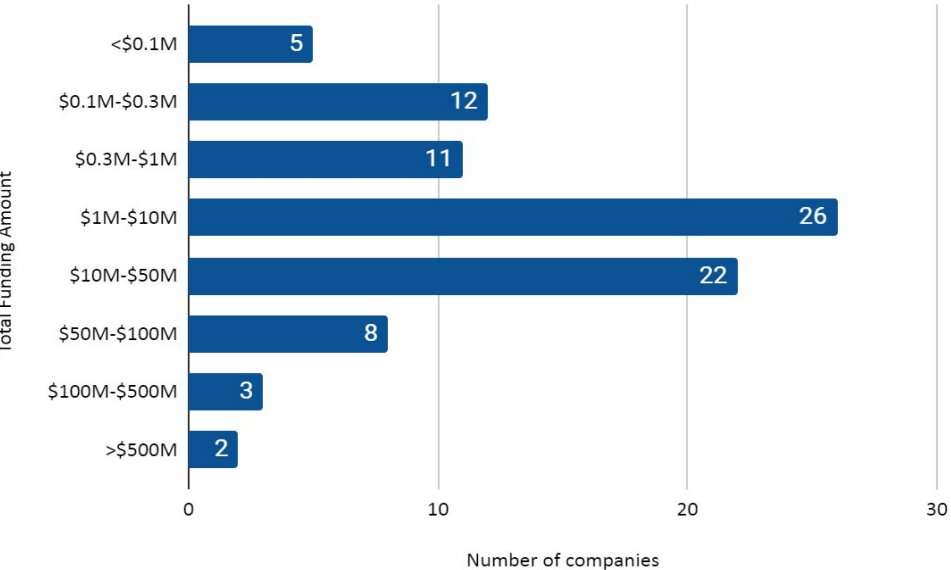
Top FemTech Longevity Companies by Revenue, 2021



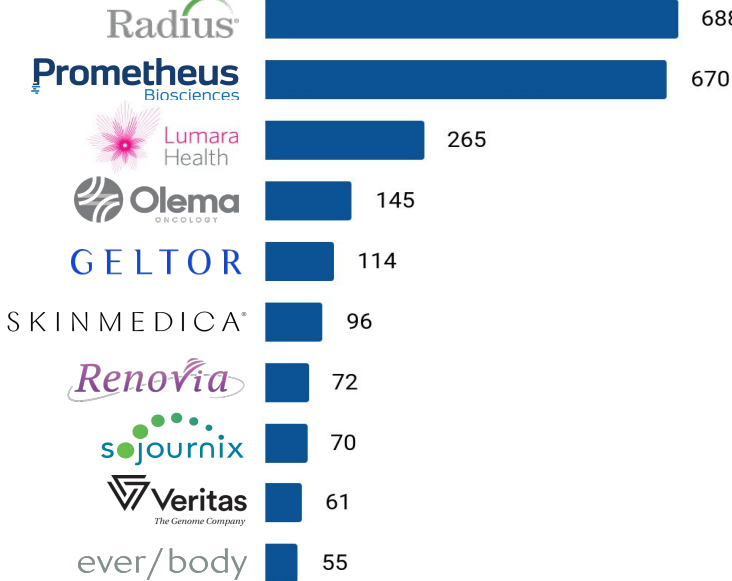
The largest number of companies comprising **46%** out of total in the FemTech Longevity subsector show revenue, estimated in the range of **\$1M-\$10M**. The revenue of about **37%** of companies does not exceed \$1M, while **17%** of players have revenue as high as **\$10M or more**.

Longevity in FemTech: Companies Funding

Distribution of FemTech Longevity Companies by Funding Amount, 2021



Top 10 Companies by Total Funding Amount (\$M), 2021



Funding of companies in the FemTech Longevity subsector totaled **over \$3B** in 2021, with **75% falling to the top 10 market players**. In fact, 40% of funding was made through M&A, 28% from IPO, and 21% from VC.

The Future of FemTech Longevity

Given the recent increase in the number of FemTech companies with a **core Longevity component**, we predict a **rise in the number of FemTech companies focused on Longevity** in particular.

Thus far, these have tended to concentrate mainly on **fertility issues**, since Longevity in fertility, given the present state of regenerative medicine, is a low hanging fruit and the next **great step for FemTech**. Whereas other aspects of age-related dysfunction in female-specific bodily processes depend on a complex system of tissues and organs – such as **menopause-related hormonal imbalances**, for example – for the most part, **female age-related infertility** comes down to a decline in the function of ovarian cells.

Progress in **biomedicine**, especially in the use of **gene therapies** and **stem cell therapies** to reverse aging in entire biological systems such as the endocrine system, will bring an ever **wider range of age-related issues** under FemTech's purview.

We should expect to see a female-centric healthspan extending sector emerge naturally in the course of the following pursuits:

Finding geroprotectors that appear to have differential effects in men and women

Finding interventions (such as geroprotectors and gene therapies) that upregulate genes associated with women's higher life expectancy

Source: Companies' websites; Media overview

The Future of FemTech Longevity

A great deal of **future FemTech** will take the form of **AI-powered software** as a service (SaaS), including courses of monitoring and advice particularly reliant on deep learning, such as that developed by **Haut.AI**.

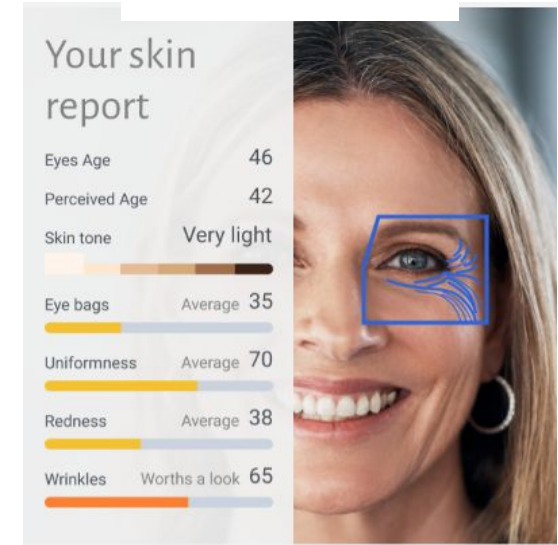
Their product is a form of **deep learning-powered SaaS for skincare**. They help clients develop new skincare strategies, selecting for them skin care treatments for their **individual skin type, climate, health status, geography, and other parameters**, to personalize the treatments for each individual. The software tracks and updates these parameters over the years, to help aging skin retain a youthful look.

They also create an **interaction between business and customers**, facilitating R&D by feeding back data from **100,000 skin images** to the company for further deep learning and consequently more accurate and efficient skin care regimes. It is expected that information collected from individual users of such services will provide researchers with **large databases of metrics**, offering the potential for doctors to better understand a wide range of aspects of women's health as they age.

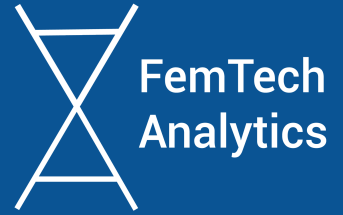
However, for **serious kinds of female age-related disease** such as **breast cancer**, such kinds of data analytics would need huge amounts of authentic patient data from patients in **different countries and diverse racial and genetic backgrounds**, for deep analysis and the creation of different patterns for successful detection.

Source: Companies' websites; Media overview

Haut.AI



- **Scientifically-backed accuracy**
- **Simple yet might API**
- **Powerful tool**



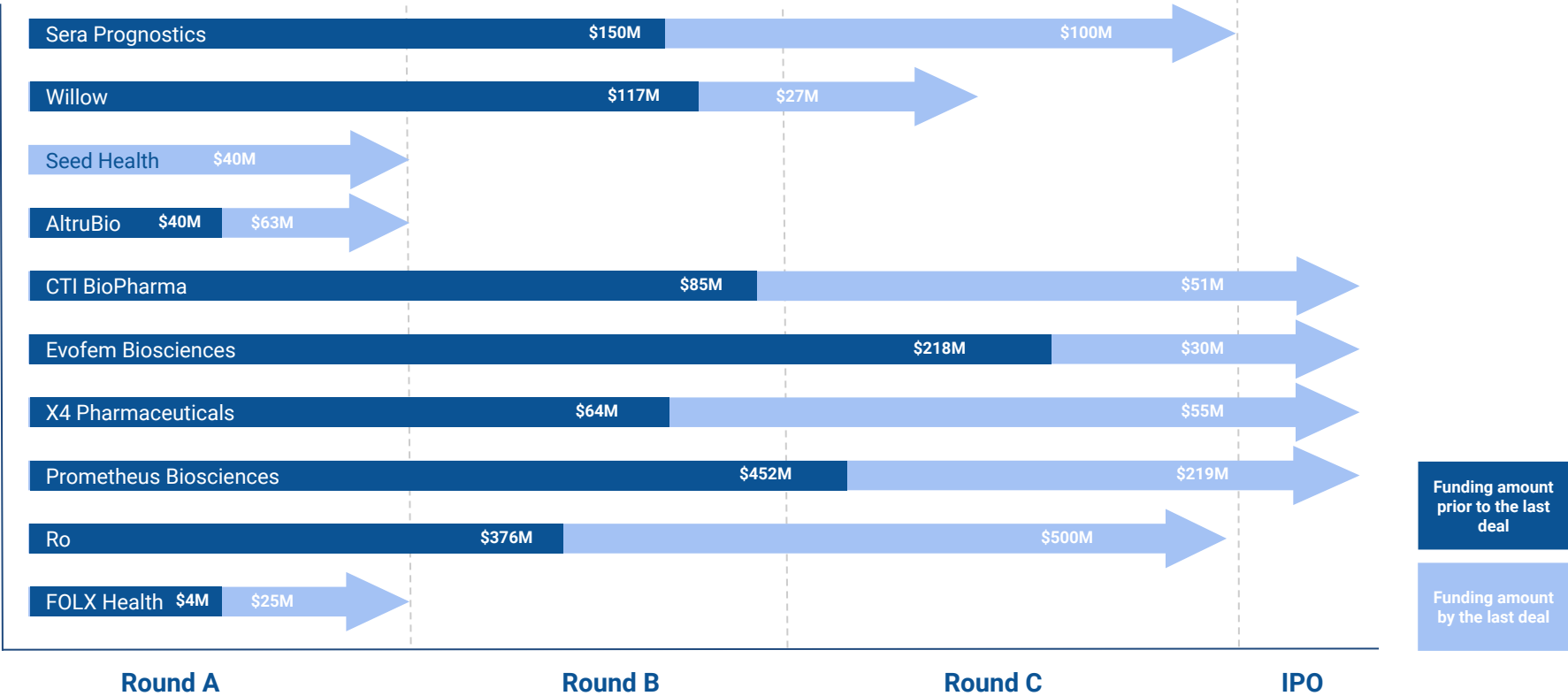
Leading Companies in the FemTech Industry

2021 / Q2

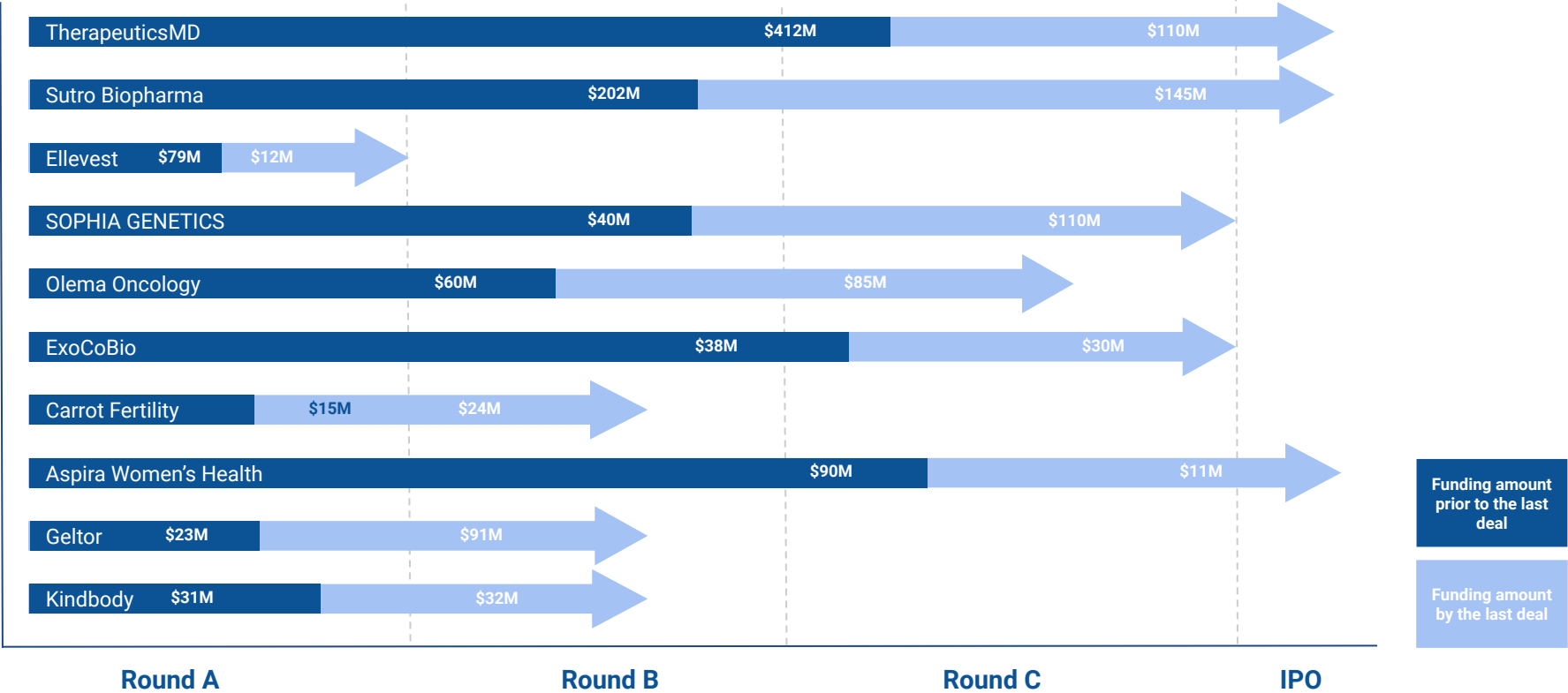
FemTech Companies by Estimated Revenue, 2021



Top Companies by Investments and Investment Stage



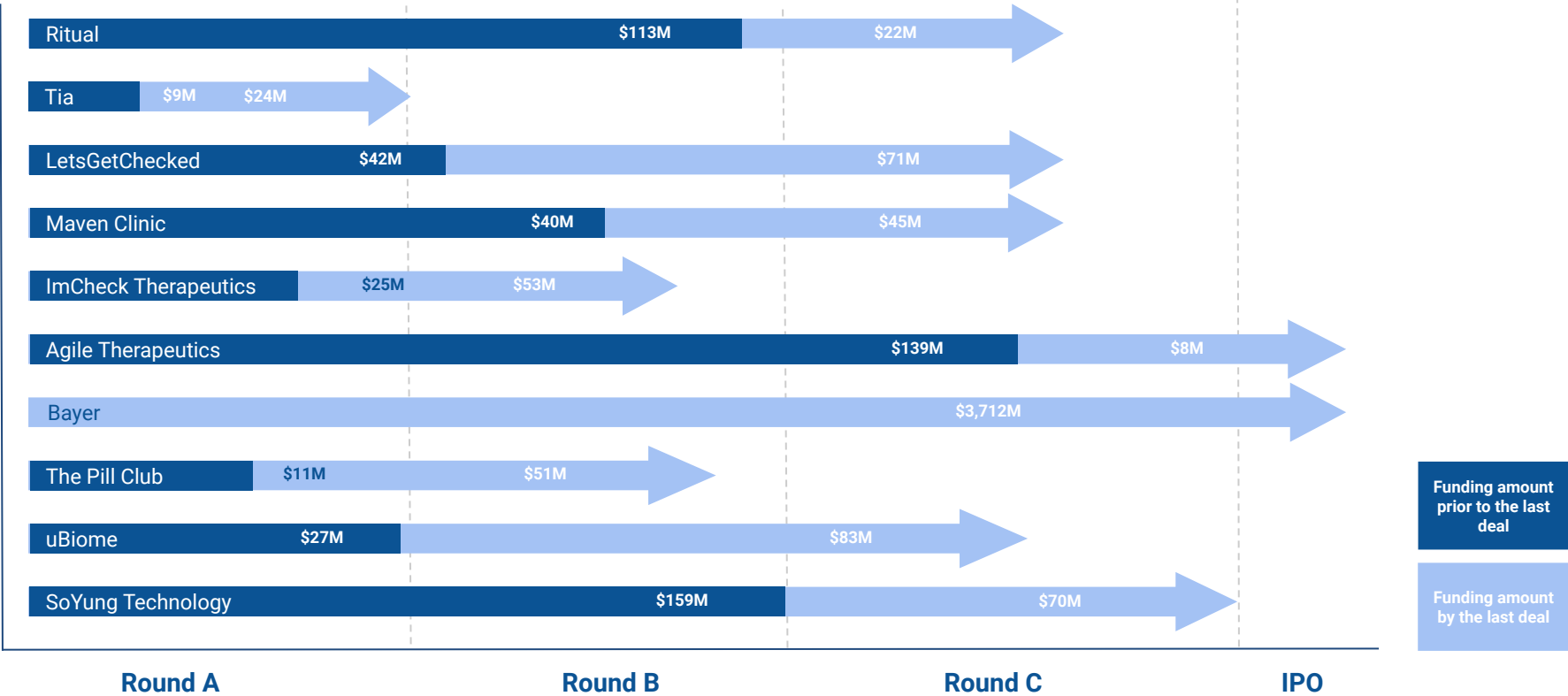
Top Companies by Investments and Investment Stage



Funding amount prior to the last deal

Funding amount by the last deal

Top Companies by Investments and Investment Stage



20 FemTech Companies Profiles*

Ava



Ava helps women track physiological signs of fertility. By wearing a special bracelet during sleep, they can monitor their health, detect a fertility window, and track pregnancy. After identifying nine different physiological signals of fertility, the bracelet determines five most fertile days within a cycle and informs the wearer of it via an app in real time.

Web Site: www.avawomen.com

Category: Fertility, Pregnancy

Founded in: 2014

Based in: Zurich, Switzerland

Funding Status: Early Stage Venture

Total Funding Amount: \$ 42.4 M

Clue



Clue is a FemTech app that helps people who menstruate keep tabs on their cycles, educating them about their bodies in the process. Being free and AI-driven, the app can be used to track periods and ovulation. Its special algorithm makes it possible to determine when each of these windows is available in a given month.

Web Site: helloclue.com

Category: Period

Founded in: 2012

Based in: Berlin, Germany

Funding Status: Early Stage Venture

Total Funding Amount: \$ 29.6 M

Investors



VENTURE
KICK



Investors



FJ LABS

*Here and after in this chapter: information assembled for 20 players in their specific category as the examples.

20 FemTech Companies Profiles

Tempdrop

Tempdrop



Tempdrop uses body temperature to help women track their cycles. A tracker, which fits in the armpit overnight, has two temperature sensors and a motion sensor. Designed to identify patterns in body temperature during sleep, it even works for women that have trouble sleeping, suffer from irregular cycles, or experience PCOS.

Web Site: www.tempdrop.xyz

Category: Fertility

Founded in: 2012

Based in: Israel

Funding Status: Accelerator / Incubator

Total Funding Amount: \$ 25.3 M

Investors



VERTICAL ENGINE
www.verticalengine.co



Elvie

elvie

Elvie develops wearable breast pumps and smart pelvic floor trainers. Being small, light, portable, and silent, its Elvie Pump represents the next generation of such devices. Elvie Trainer tackles the surprisingly common problem of a weak pelvic floor.

Web Site: www.elvie.com/en-gb

Category: Nursing, Sexual Healthcare

Founded in: 2013

Based in: London, United Kingdom

Funding Status: Early Stage Venture

Total Funding Amount: \$ 53.8 M

Investors



octopus
ventures

NJFCAPITAL
Venture capital arm of NJF Holdings

20 FemTech Companies Profiles

Natural Cycles



Natural Cycles is the first FDA-cleared contraceptive app that spearheads the development of digital contraception. Its mission is to pioneer women's health through research and passion. It achieves this by informing women of the need to take charge of their health. Natural Cycles can also be used to plan a pregnancy.

Web Site: www.naturalcycles.com

Category: Fertility

Founded in: 2013

Based in: Stockholm, Sweden

Funding Status: Early Stage Venture

Total Funding Amount: \$ 37.5 M

Investors



IEQT
VENTURES

e.ventures

Flo Health



Flo Health is the developer of Flo, an AI-driven app informing women of every stage of their reproductive cycle. It also helps them predict menstruation, as well as prepare for conception, pregnancy, early motherhood, and menopause. Using Data Science and AI, Flo delivers the most personalized content and services.

Web Site: flo.health

Category: AI for FemTech

Founded in: 2013

Based in: San Francisco, United States

Funding Status: Early Stage Venture

Total Funding Amount: \$ 25.5 M

Investors



FLINT
CAPITAL



ELYSIUM
VENTURE CAPITAL

20 FemTech Companies Profiles

Inne



Inne is a Berlin-based biotech startup that aims to build a hormone-based mini lab for women. It strives to make natural contraception more convenient and accurate. By using advanced biochemistry methods and a hormone-tracking app, Inne tries to understand how hormones affect a woman's fertility.

Web Site: www.inne.io

Category: Fertility

Founded in: 2016

Based in: Berlin, Germany

Funding Status: Early Stage Venture

Total Funding Amount: \$ 8.0 M

Investors



BLOSSOM

Woom



WOOM is a mobile application that helps reduce the time of conception through the body's self-knowledge and habits of life. It provides its users with an ovulation and fertility calendar which helps them determine fertile windows and the probability of pregnancy for each day of their cycle.

Web Site: www.woomfertility.com

Category: Fertility, Period

Founded in: 2015

Based in: Madrid, Spain

Funding Status: Early Stage Venture

Total Funding Amount: \$ 4.4 M

Investors



BRIGHTCAP
VENTURES

BEGIN
CAPITAL

Seed
Rocket

20 FemTech Companies Profiles

Kindbody

kindbody

Kindbody is a company that provides a full range of women's health, fertility and wellness services to companies and individual patients. They include a blood test, an ultrasound of the client's ovaries, a medical history review, a consultation with a fertility specialist, and a personalized plan.

Web Site: www.kindbody.com

Category: Fertility, Pregnancy

Founded in: 2018

Based in: New York, United States

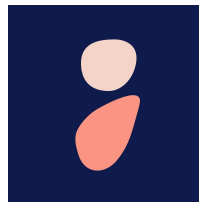
Funding Status: Early Stage Venture

Total Funding Amount: \$ 63.3 M

Investors



Grace Health



Grace Health maintains a full-scale digital health platform which women from developing countries can access via an intelligent chatbot and mobile app. Given the fact that over 80% of women own a smartphone, Grace Health is leading the way in transforming healthcare online.

Web Site: www.grace.health

Category: General healthcare

Founded in: 2017

Based in: Stockholms, Sweden

Funding Status: Early Stage Venture

Total Funding Amount: \$ 2.5 M

Investors



20 FemTech Companies Profiles

Next Gen Jane



NextGen Jane is a data-driven women's health company providing women with a smart tampon system that tracks biological changes caused by diseases. The company's smart tampon platform allows its users to conveniently mail-in cells from the reproductive tract that are shed during menstruation.

Web Site:	www.nextgenjane.com
Category:	Diagnostics
Founded in:	2014
Based in:	Oakland, United States
Funding Status:	Early Stage Venture
Total Funding Amount:	\$ 11.3 M

Investors



Liminal*

Renovia



Renovia develops digital therapeutics for women with urinary incontinence and other pelvic floor disorders. Thanks to its non-invasive and drug-free treatment, Renovia can visualize pelvic movement in real time during pelvic floor muscle training.

Web Site:	renoviainc.com
Category:	Sexual Healthcare
Founded in:	2016
Based in:	Boston, United States
Funding Status:	Late Stage Venture
Total Funding Amount:	\$ 72.0 M

Investors



COORMORANT ASSET MANAGEMENT



20 FemTech Companies Profiles

Bellabeat



Bellabeat creates innovative products that help women easily track their health at different stages of their lives. The company's mission is to collect data on women's activity, sleep, and reproductive health. Using this data, it will create a unique algorithm alerting women of a time when they're more susceptible to stress.

Web Site:	www.bellabeat.com
Category:	General Healthcare, Emotional Wellbeing
Founded in:	2013
Based in:	San Francisco, United States
Funding Status:	Late Stage Venture
Total Funding Amount:	\$ 18.8 M

Investors



Y Combinator



Willow



Founded in 2014, Willow is a Silicon Valley-based company that focuses on improving the lives and health of women. Its all-in-one breast pump that fits inside a bra has brought about a revolution in breastfeeding. Its main advantages include mobility, quietness and resilience to spillovers.

Web Site:	www.willowpump.com
Category:	Nursing
Founded in:	2014
Based in:	Mountain View, United States
Funding Status:	Early Stage Venture
Total Funding Amount:	\$ 144.0 M

Investors

NEA



puravida
INVESTMENTS



endeavour vision

20 FemTech Companies Profiles

Advantia Health



Advantia Health is an integrated healthcare delivery company that helps women manage their health, as well as the health of their families. By using modern technology and highly efficient outpatient facilities, the company provides its clients with high-quality care. It also provides them with a wide range of services, including telemedicine.

Web Site: www.advantiahealth.com

Category: General Healthcare

Founded in: 2014

Based in: Arlington, United States

Funding Status: Venture

Total Funding Amount: \$ 49.7 M

Investors

DEERFIELD



LFC

OvuSense (Fertility Focus)



OvuSense helps women predict a fertility window and absence of ovulation. By providing married couples with user-friendly information, OvuSense helps them determine the best time for a sexual intercourse and the need for fertility treatment. It also enables them to determine the optimum timing for intrauterine insemination treatment

Web Site: www.ovusense.com

Category: Fertility

Founded in: 2005

Based in: Warwick, United Kingdom

Funding Status: Debt Financing

Total Funding Amount: \$ 10.3 M

Investors



20 FemTech Companies Profiles

Gennev



Gennev is a digital health company that provides women suffering from hormone-driven symptoms (e.g. hot flashes, insomnia, anxiety, and loss of libido) with easy access to information, health providers and community. Gennev maintains an online platform where they can learn about available solutions and get recommendations for symptom relief.

Web Site: www.gennev.com

Category: Menopause Solutions

Founded in: 2015

Based in: Seattle, United States

Funding Status: Seed

Total Funding Amount: \$ 4.5 M

Investors

BLUERUN
VENTURES



MAVEN
VENTURES

Haut.AI

Haut.AI

Haut.AI is an innovative SaaS product that automates the collection of high-quality skin data and helps skincare brands build interactive product recommendations on e-commerce platforms. It facilitates R&D, provides essential tools for building skin analysis apps, and allows brands to have a better understanding of their clients' needs.

Web Site: haut.ai

Category: Beauty for FemTech

Founded in: 2018

Based in: Tallinn, Estonia

Funding Status: Early Stage Venture

Total Funding Amount: N/A

Investors



European Union
European Regional
Development Fund

20 FemTech Companies Profiles

Glow



Glow is a fertility app that crunches vast quantities of data to help users take control of their reproductive health. It helps women track their cycles and get the most accurate fertility predictions. It also assists women in many phases of their reproductive journey, such as avoiding pregnancy, conceiving, pregnancy, and postpartum.

Web Site: www.glowing.com

Category: Fertility, Pregnancy

Founded in: 2013

Based in: San Francisco, United States

Funding Status: Late Stage Venture

Total Funding Amount: \$ 23.0 M

Investors



The Pill Club



The Pill Club is the first all-in-one healthcare service delivering birth control across the US. Backed by Stanford physicians, Being a telemed service, it promotes a healthy lifestyle by providing birth control, emergency contraceptives, and free gifts.

Web Site: thepillclub.com

Category: Fertility

Founded in: 2014

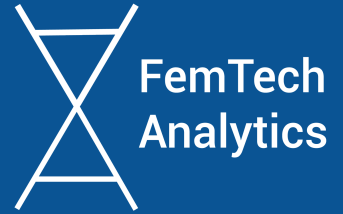
Based in: Redwood City, United States

Funding Status: Late Stage Venture

Total Funding Amount: \$ 61.7 M

Investors






















Leading Investors in the FemTech Industry

2021 / Q2

Leading FemTech Investors

Investor Name	Investor Type	Investment Stage	Total Fund Raised	Number of Investments
 FOUNDERS FUND	Venture Capital		40%	9%
 ARBORETUM VENTURES	Venture Capital		5%	1%
khosla ventures	Venture Capital		23%	13%
 SLOW VENTURES	Micro VC		3%	6%
interwest partners	Venture Capital		5%	6%
 Union Square Ventures	Venture Capital		15%	5%
 ASTIA ANGELS	Angel Group		1%	1%
CATALYST HEALTH VENTURES	Venture Capital		1%	1%
 Combinator	Accelerator		5%	52%
 BOX GROUP	Micro VC, VC		3%	7%

Notes:

- a) The list of top 10 investors is based on weighted financial performance and FemTech share in total number of investments;
- b) Pie charts show stage(s) at which an investment is made, i.e., clockwise: 1st quarter - seed and start-up, 2nd quarter - early stage, 3rd quarter - growth stage, 4th quarter - late stage;
- c) Filled in is considered as blue;
- d) Investors' share in Total Fund Raised and Number of Investments are calculated based on the assumption that these 10 investors account for 100%.

Founders Fund

Investor Type: Venture Capital

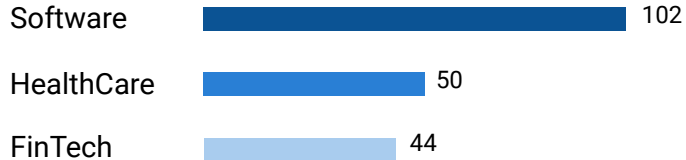
Total Fund Raised

\$ 5 100 000 000

Number of Investments

655

Investment Industries by Number of Investments:



Headquarters:

San Francisco,
California, United States

Foundation Date:

2004

Number of employees:

11-50



FOUNDERS FUND

Founders Fund is a San Francisco-based venture capital company that invests in companies creating revolutionary technologies. It has invested in a wide variety of sectors, including health, artificial intelligence, and advanced computing.

www.foundersfund.com

Investment Stages



Invested in



Med Tech
Solutions



Arboretum

Investor Type: Venture Capital

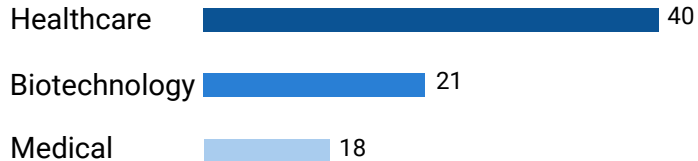
Total Fund Raised

\$ 610 000 000

Number of Investments

79

Investment Industries by Number of Investments:



Headquarters:

Ann Arbor, Michigan,
United States

Foundation Date:

2002

Number of employees:

1-10



Arboretum Ventures is a Michigan-based venture capital firm that invests in the healthcare sector. The company focuses on medical services, medical devices, diagnostics, healthcare information technology, therapeutics, technology-based healthcare services, and life science tools.

www.arboretumvc.com

Investment Stages



Invested in



Khosla Ventures

Investor Type: Venture Capital

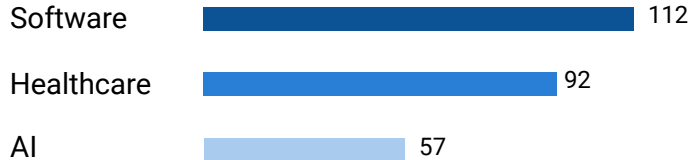
Total Fund Raised

\$ 2 900 000 000

Number of Investments

903

Investment Industries by Number of Investments:



Headquarters:

Menlo Park, California,
United States

Foundation Date:

2004

Number of employees:

51-100

khosla ventures

Khosla Ventures is a venture capital firm investing in consumer goods, enterprise, education, advertising, health, financial services, semiconductors, big data, agriculture, food, sustainable energy, and robotics.

www.khoslaventures.com

Investment Stages



Invested in

NAKED POPPY **mirvie** Daye

Slow Ventures

Investor Type: Micro Venture Capital

Total Fund Raised

\$ 430 000 000

Number of Investments

454

Investment Industries by Number of Investments:



Headquarters:

San Francisco,
United States

Foundation Date:

2009

Number of employees:

1-10



Slow Ventures invests in technology-driven companies and companies operating on the cutting edge of science, society, and culture. Slow provides their founders with the resources, connections, experiences, and empathy required to build strong and sustainable companies.

www.slow.co

Investment Stages



Invested in



InterWest Partners

Investor Type: Venture Capital

Total Fund Raised

\$ 650 000 000

Number of Investments

419

Investment Industries by Number of Investments:



Headquarters:

Menlo Park, California,
United States

Foundation Date:

1979

Number of employees:

1-10

interwestpartners

InterWest is a venture capital firm investing in companies through a full range of venture investment stages. It primarily invests in healthcare, biotech, and software companies.

www.interwest.com

Investment Stages



Invested in



SERA PROGNOSTICS[®]
The Pregnancy Company[™]

Union Square Ventures

Investor Type: Venture Capital

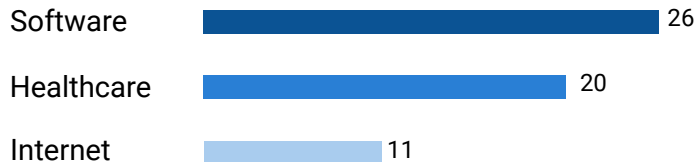
Total Fund Raised

\$ 1 900 000 000

Number of Investments

336

Investment Industries by Number of Investments:



Headquarters:

New York,
United States

Foundation Date:

2003

Number of employees:

11-50



Union Square Ventures

Union Square Ventures is a private equity and venture capital firm focusing on early-stage, growth capital, late-stage, and startup financing. Investing mostly in the Internet and healthcare, it primarily focuses on applications and online services that can be used to create large networks.

www.usv.com

Investment Stages



Invested in



Astia Angels

Investor Type: Angel Group

Total Fund Raised

\$ 100 000 000

Number of Investments

53

Investment Industries by Number of Investments:

Healthcare  14

Biotechnology  7

Medical Device  6

Headquarters:

San Francisco,
United States

Foundation Date:

2013

Number of employees:

1-10



Astia Angels is a global network of both female and male angel investors that invest in high-growth companies.

astia.org/astia-angels

Investment Stages

Start-up



Seed Stage



Early Stage



Growth
Stage



Late Stage

Invested in



Catalyst Health Ventures

Investor Type: Venture Capital

Total Fund Raised

\$ 155 200 000

Number of Investments

43

Investment Industries by Number of Investments:



Headquarters:

Braintree,
United States

Foundation Date:

1998

Number of employees:

1-10

CATALYST

HEALTH VENTURES

Catalyst Health Ventures is an early-stage venture capital firm investing in technology solutions applied in the health care and life science industries. At the core of its strategy is a hands-on approach to working with management and syndicate partners.

www.catalysthealthventures.com

Investment Stages



Invested in



Y Combinator

Investor Type: Accelerator

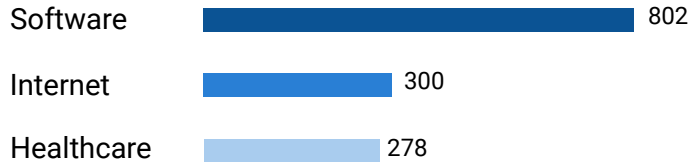
Total Fund Raised

\$ 700 000 000

Number of Investments

3 759

Investment Industries by Number of Investments:



Headquarters:

Mountain View,
United States

Founded Date:

2005

Number of employees:

N/A



Y Combinator is a startup accelerator that invests in a large number of startups. According to its funding model, it invests a small amount of money (\$150k) in a large number of early-stage startups twice a year.

www.ycombinator.com

Investment Stages



Invested in
adyn



Box Group

Investor Type: Micro VC, Venture Capital

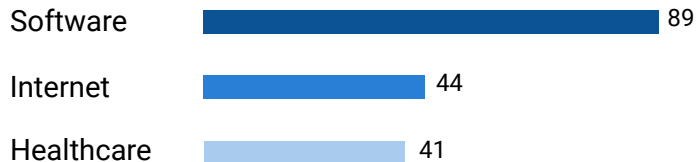
Total Fund Raised

\$ 330 000 000

Number of Investments

479

Investment Industries by Number of Investments:



Headquarters:

New York,
United States

Foundation Date:

2009

Number of employees:

1-10



BoxGroup is an early-stage investment fund investing in consumer, enterprise, fintech, healthcare, and life science industries. It also invests in early-stage industries (as early as pre-seed and as late as Series A rounds).

www.boxgroup.com

Investment Stages



Invested in

by Humankind



Top Publicly Traded Companies

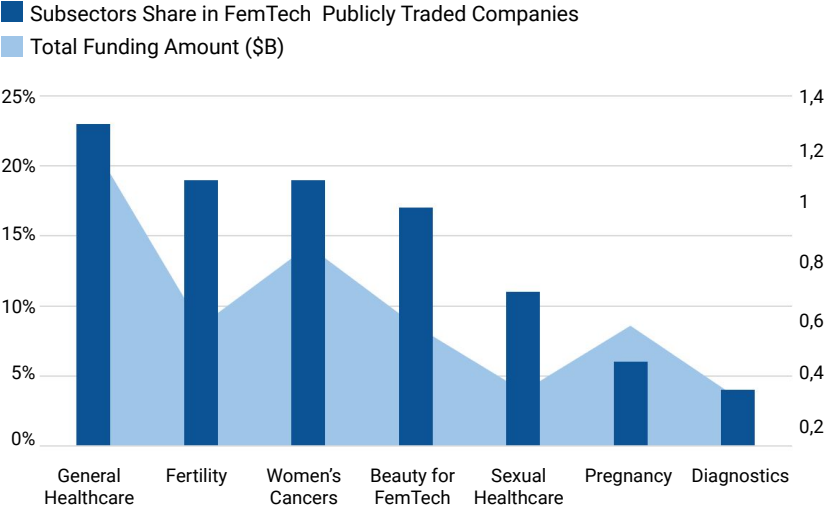
2021 / Q2

Top 10 Publicly Traded Companies by Capitalization, 2021

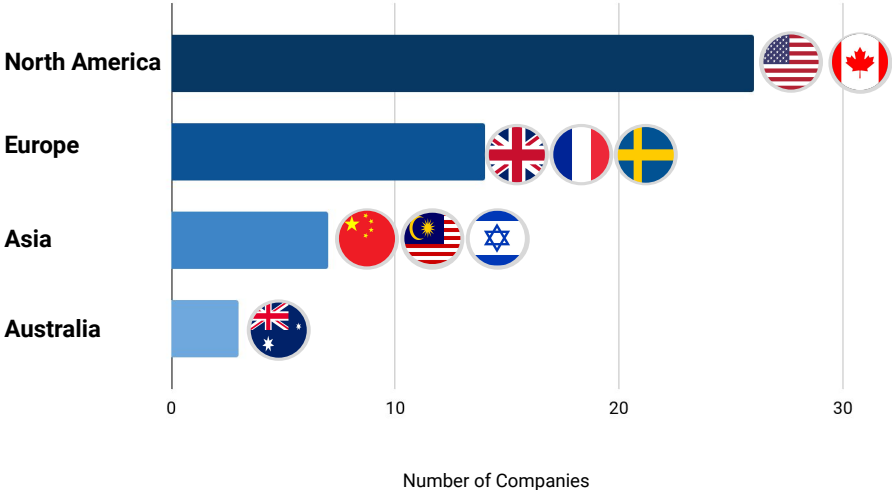


Publicly Traded Companies at a Glance

Publicly Traded Companies Subsectors and Funding Amount, 2021



Publicly Traded Companies Regional Distribution, 2021



Having the highest share of Publicly Traded Companies, **General Healthcare** is followed by the Fertility, Women's Cancers Treatment, and Beauty for FemTech subsectors. As can be seen in the above diagram, the number of companies does not entirely correlate with the funding amount. Pregnancy is funded relatively better, while Fertility and Sexual Healthcare get less funding.

FemTech Publicly Traded Companies by Categories

Healthcare



Reproductive Health



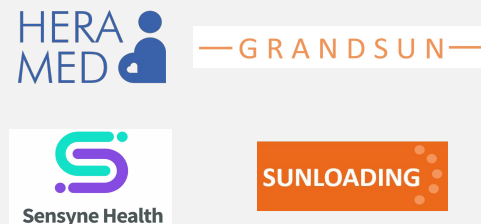
Beauty for FemTech



Diagnostics & PharmTech



Pregnancy & Nursing

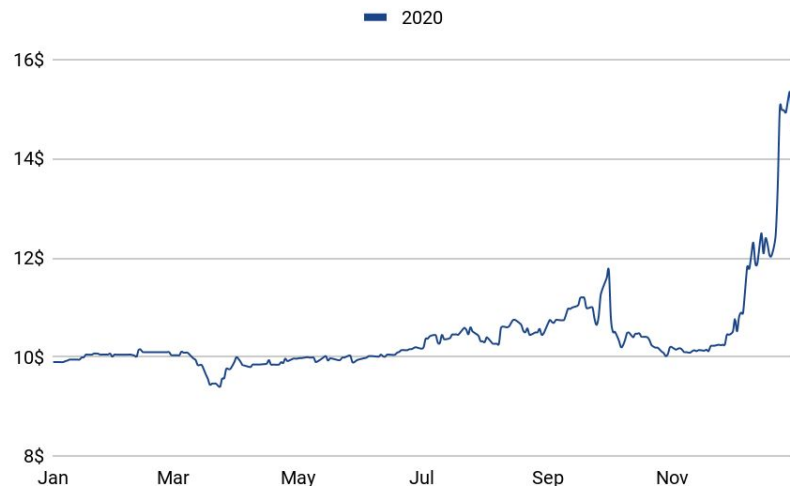


FemTech: Recent IPOs

The majority of IPOs were launched in **the US (60%)**. Ten recent IPOs **raised \$1B+** totally, led by Hims & Hers with the largest amount so far. Overall, **financial indicators** suggest poor performance of the majority of listed companies, the only exception being **Progyny** (Reproductive Health), **InMode** (Beauty for FemTech), and **SoYoung Technology** (Beauty for FemTech), all of which have shown **stable results**.

Name	Country	Funding Amount, \$M	IPO Date	Money raised at IPO, \$M	Capitalization, \$M	ROA	ROE	Profit Margin	Operating Margin	EV/ EBITDA	Net Income, \$M
Hims & Hers	USA	158.0	21.01.21	280.0	2070.0	-9.92%	-24.15%	-12.18%	-10.18%	-177.5	-18.1
Olema Oncology	USA	145.0	23.11.21	240.0	968.3	-7.85%	-13.13%	0%	0%	-35.67	-23.9
Progyny	USA	116.0	24.10.19	130.0	4750.0	5.46%	33.04%	13.47%	5.12%	248.5	46.5
InMode	USA	N/A	08.08.19	70.0	3110.0	17.71%	34.47%	36.4%	35.34%	41.0	75.0
SoYoung Technology	China	229.0	02.05.19	179.0	901.5	-1.09%	0.19%	0.45%	-4.38%	37.1	5.8
Andina Gold	USA	0.1	29.03.19	N/A	17.7	-34.67%	-82.32%	0%	-836%	-2.5	-6.9
Predilife	France	N/A	21.12.18	4.1	24.6	-73.88%	0	0%	-6086%	-10.9	-1.9
HeraMED	Israel	N/A	12.12.18	4.3	24.6	-63.46%	-153.16%	0%	-8733%	-6.4	-3.4
Sutro Biopharma	USA	347.0	26.09.19	85.0	910.1	-16.15%	-14.95%	-75.2%	-166.5%	-8.8	-32.1
Sensyne Health	UK	3.7	16.08.19	76.0	276.9	-29.91%	-59.71%	0%	-598.9%	-10.8	-25.8

Stock Price History



hims & hers

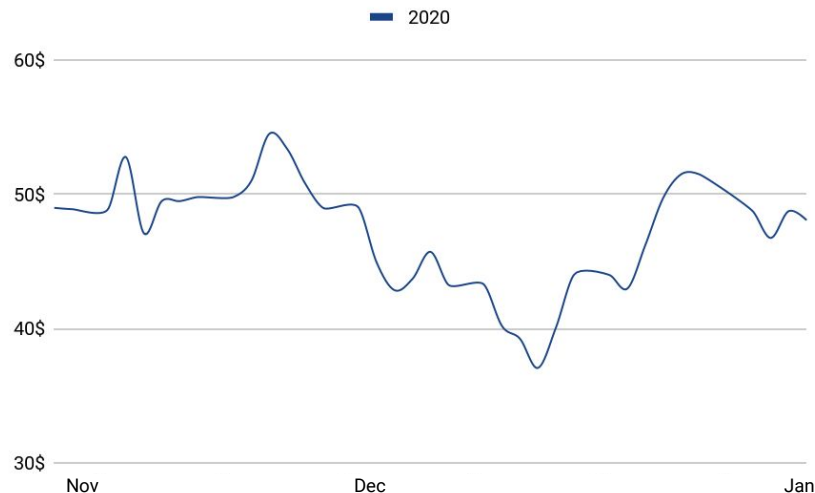
Headquarters:	San Francisco, United States
Founded in	2017
Number of Employees:	251-500
FemTech Subsector:	General Healthcare
FemTech Product:	Services

By connecting consumers with licensed medical professionals, Hims & Hers makes it possible for the former to get quality health and wellness care. The company's mission is to eliminate stigmas and provide people with easier access to treatment for conditions impacting their daily lives. Thanks to the company's telemedicine approach, its customers can save money on diagnosis and treatment.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
HIMS	0.32%	2.29%	56%	2.5

Olema Oncology

Stock Price History



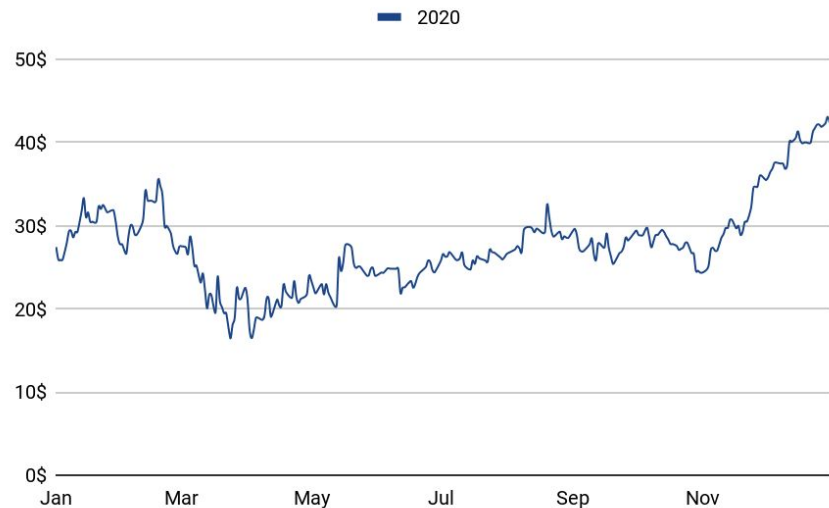
Headquarters:	San Francisco, United States
Founded in	2007
Number of Employees:	11-50
FemTech Subsector:	Women's Cancers Treatment
FemTech Product:	Pharm Product

Olema is a preclinical biotechnology company developing drugs for the treatment and prevention of estrogen receptor (ER) positive breast cancer. The company focuses on the development and commercialization of targeted therapies for women's cancers. Its goal is to transform the care for pre- and post-menopausal women living with cancer through the development of effective therapies.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
OLMA	0.56%	6.8%	60.4%	0.968

Progyny

Stock Price History

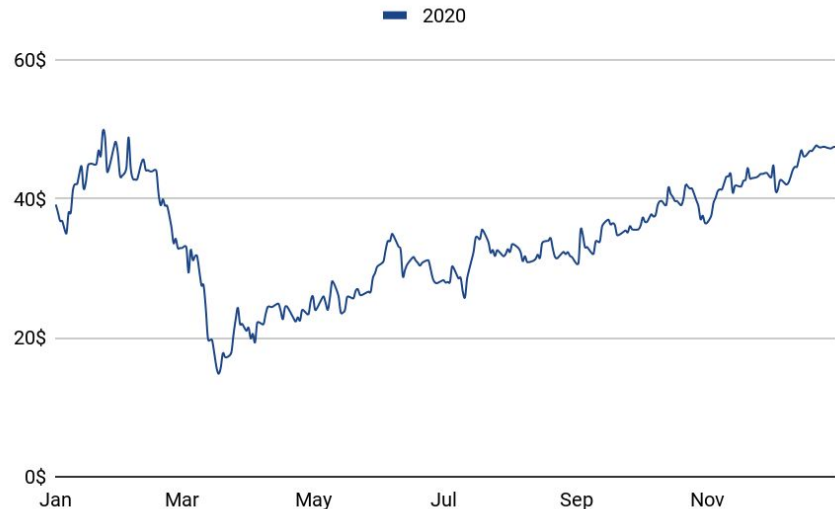


Headquarters:	New York, United States
Founded in	2008
Number of Employees:	101-250
FemTech Subsector:	Fertility
FemTech Product:	Software, Service

Progyny is a fertility benefits management company that combines clinical and emotional guidance and support with science, technology, and data to provide comprehensive, inclusive, and effective value-based fertility solutions for self-insured employers. Progyny's benefit plans are designed to improve outcomes, as well as reduce the time required to conceive and reduce fertility-related costs.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
PGNY	0.44%	5.1%	89%	4.75

Stock Price History



Headquarters:	Lake Forest, United States
Founded in	2008
Number of Employees:	251-500
FemTech Subsector:	Beauty for FemTech
FemTech Product:	Connected Devices

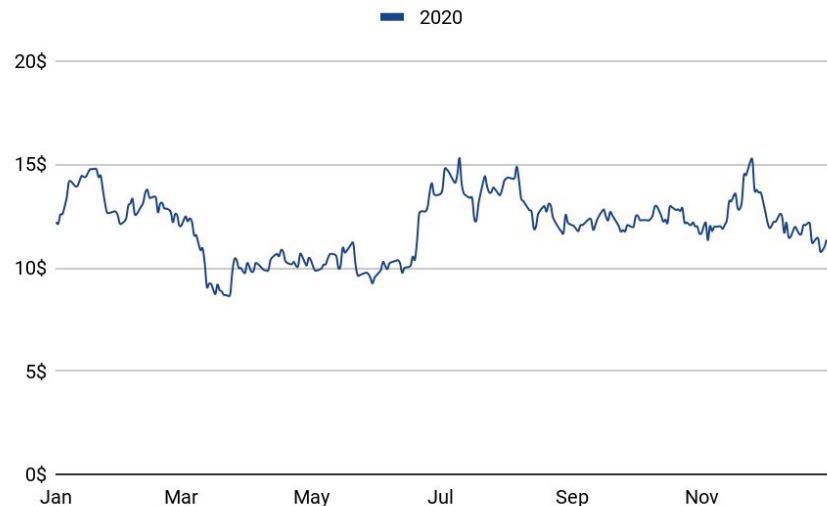
InMode develops, manufactures, and markets platforms that harness novel radio-frequency (RF) technology, which consists of minimally invasive, surgical aesthetic and medical treatment platforms for face and body contouring, medical aesthetics, and women's health.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
INMD	0.11%	7.34%	N/A	3.11

SoYoung Technology



Stock Price History



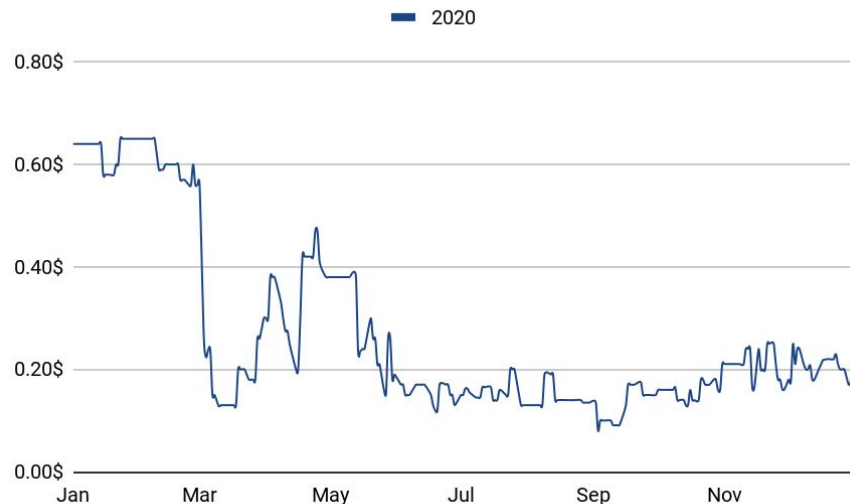
Headquarters:	Beijing, China
Founded in	2013
Number of Employees:	501-1000
FemTech Subsector:	Beauty for FemTech
FemTech Product:	Mobile App, Device

This Beijing-based company has developed SoYoung, an app designed to sustain women's beauty (as of now, it has been downloaded 10 million times). Its goal is to enlist 200 clinics and thousands of plastic surgeons to its platform within three years as the cosmetic industry in China faces fewer policy restrictions than traditional medical procedures, such as heart operations.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
SY	0.3%	3%	127%	0.901

Andina Gold

Stock Price History

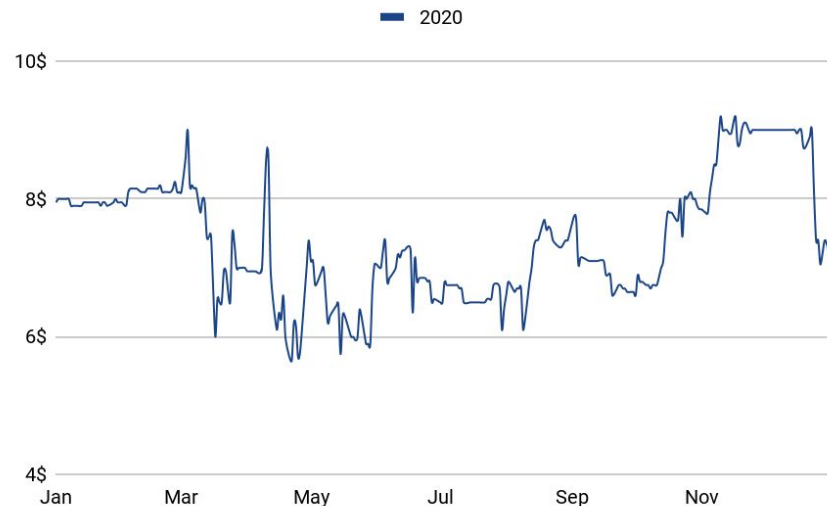


Headquarters:	Englewood, United States
Founded in	2011
Number of Employees:	51-100
FemTech Subsector:	PharmTech
FemTech Product:	Pharm Product

Andina Gold offers cannabinoid products that can be used for athletic recovery, women's wellness, and personal care. The company's goal is to become the number one CPG company in the US.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
AGOL	0.51%	17%	N/A	0.178

Stock Price History



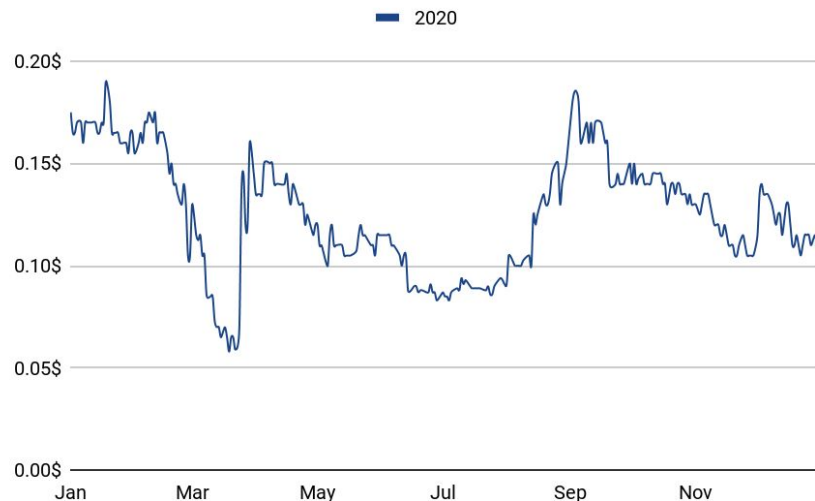
Headquarters:	Villejuif, France
Founded in	2004
Number of Employees:	1-10
FemTech Subsector:	Women's Cancers Treatment
FemTech Product:	Devices, Software

Predilife has developed MammoRisk, a personalised breast cancer screening solution. By combining medical imaging (using PrediLife's proprietary DenSeeMammo software for measuring breast density) with Big Data and statistics, it provides its users with a polygenic risk score based on patient-related data and genetic profile.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
ALPRE.PA	0.1%	0.92%	N/A	0.246



Stock Price History



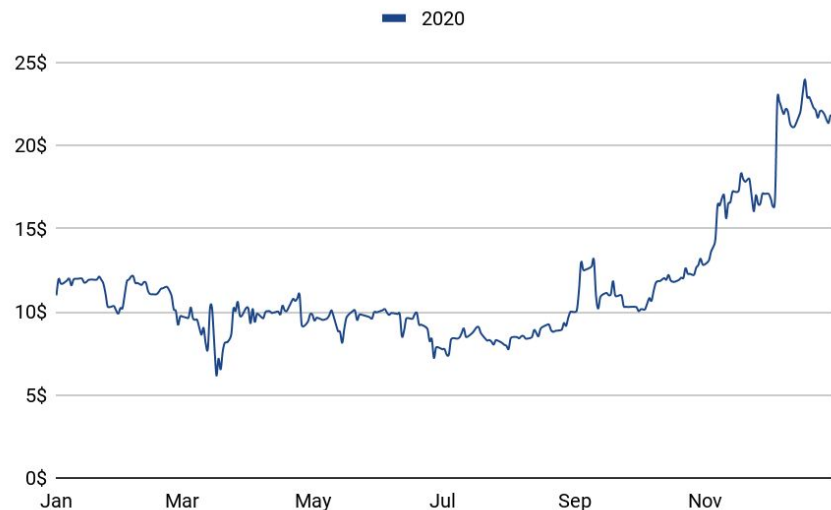
Headquarters:	Netanya, Israel
Founded in	2011
Number of Employees:	1-10
FemTech Subsector:	Pregnancy
FemTech Product:	Mobile App, Connected Device

HeraMED is a technology start-up developing innovative mHealth pregnancy monitoring solutions. The company has recently developed a first ever medical-grade, smartphone- based fetal wellness monitor for home use.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
HMD.AX	0.17%	3%	N/A	0.246

Sutro Biopharma

Stock Price History



Headquarters:	San Francisco, United States
Founded in	2003
Number of Employees:	51-100
FemTech Subsector:	Women's Cancers Treatment
FemTech Product:	Pharm Product

Sutro Biopharma is a clinical-stage drug discovery, development, and manufacturing company that develops next-generation protein therapeutics for cancer and autoimmune disorders. It achieves this through its proprietary cell-free protein synthesis platform. It also provides products used for the treatment of ovarian and endometrial cancers.

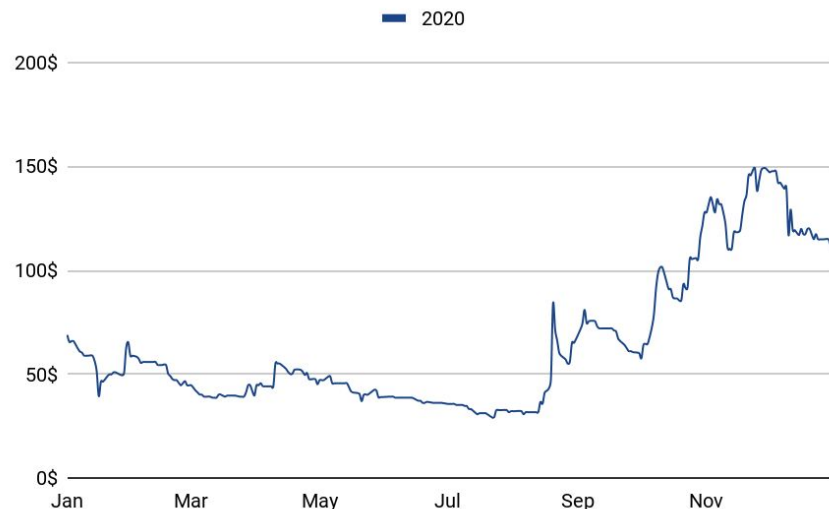
Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
STRO	0.46%	3.8%	408%	0.91

Sensyne Health



Sensyne Health

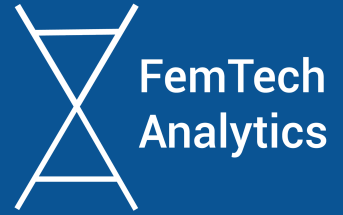
Stock Price History



Headquarters:	Headington, United Kingdom
Founded in	2018
Number of Employees:	101-250
FemTech Subsector:	Pregnancy
FemTech Product:	Mobile App

Developed by Sensyne Health, GDM-Health app is part of a system that helps clinicians manage diabetes during pregnancy. The system includes an app that wirelessly sends data from a blood glucose monitor to a webapp dashboard. By using the web-app dashboard, clinicians can monitor blood glucose in real-time and proactively manage their patients' condition.

Ticker	Mean Daily Return	Volatility of Daily Returns	Growth after IPO	Capitalization (\$B)
SENS.L	0.45%	33.5%	4.86%	0.278



Top FemTech Influencers

2021 / Q2

List of Top 50 FemTech Influencers

Name	Role	Name	Role
Sophia Ononye-Onyia	CEO @SophiaFirm	Therese Mannheimer	CEO @GranceHealth
Marija Butkovic	CEO @Women_Wearables	Eirini Rapti	CEO @Inne
Holly Rockweiler	CEO @Madorra	Michelle Kennedy	Founder of Peanut
Cindy Gallop	CEO, MakeLoveNotPorn	Brittany Barreto	Co-founder of FemTech Focus
Estrella Jaramillo	Women's health advocate	Elina Berglund Scherwitzl	Co-founder of Natural Cycles
Rachel Braun Scherl	Author, Orgasmic Leadership	Lea von Bidder	Co-founder and CEO @Ava
Gina Bartashi	CEO @KindBody	Alyssa Atkins	Founder of Lilia
Sophia Bendz	Angel investor	Billie Quinlan	Founder and CEO @Ferly
Jill Angelo	CEO @MyGennev	Aashima Gupta	Director of Global Healthcare Solutions
B�er�nice Magistretti	Angel investor	Jordana Kier	Co-founder of Lola
Nuala Murphy	Women Health Advocate	Ann Garnier	Founder of Lisa Health
Trish Costello	CEO @Portfolia	Kim Palmer	Co-founder of Clementine App

Source: Women of Wearables

List of Top 50 FemTech Influencers

Name	Role	Name	Role
Nicole Leeds	CMO @Clue app	Tania Boler	CEO @Elvie
Liz Klinger	CEO @Lioness	Chia Chia Sun	CEO @Damiva
Ida Tin	Co-founder of Clue app	Laurence Fontinoy	CEO @Woom
Meika Hollender	Co-founder of Sustain	Jennifer Tye	COO @Glow
Aagya Mathur	Founder of Aavia	Sylvia Kang	Co-founder of Mira
Piraye Beim	Founder and CEO @Celmatic	Amy Domangue	Co-founder and CEO @Jessie
Ridhi Tariyal	CEO and co-founder of NextGen Jane	Mylene Yao	Co-founder and CEO @Univfy Inc.
Tanvi Johri	Co-Founder and CEO @Carmesi	Nicole Dahlstrom	Co-founder of FemTech Collective
Yanghee Paik	CEO and co-founder of Rael	Reenita Das	Author of the Rise of SHEconomy
Wan Tseng	Founder of Wisp	Debra Duke	Founder and CEO of MenoGeniX
Saundra Pelletier	CEO @Evoform Bioscience	Cecile Real	CEO @Endodiag
Flavia Wahl	CEO @iBreve	Amy McDonough	Strategy @Fitbit Health Solutions

Source: Women of Wearables

FemTech Influencers

Sophia Ononye-Onyia



Ms Ononye-Onyia is a founder and CEO of Sophia Consulting, a New York-based life science marketing and communications consultancy whose aim is to amplify scientific innovation in healthcare.

Marija Butkovic



A lawyer, entrepreneur, innovation consultant, and feminist, Marija is a co-founder and CEO of Women of Wearables, a global company aiming to support and mentor women.

Holly Rockweiler



Ms Rockweiler is a CEO and co-founder of Madorra, a medical device company dedicated to creating solutions improving the quality of women's life after menopause.

Cindy Gallop



A brand and business innovator, consultant, coach, and keynote speaker, Cindy Gallop pushes for a gender-equal, diverse, and inclusive workplace. She also strives for young women to be more sex-educated.

Estrella Jaramillo



Ms Jaramillo has led the US expansion of B-wom, a women's digital health solution. She's also a FemTech Contributor for Forbes where she writes about women's health and gender equality.

Rachel Braun Scherl



Rachel is a reputed authority in leadership, entrepreneurship and women's health. She's also a fearless advocate and market-maker in the multibillion-dollar global women's sexual health marketplace.

FemTech Influencers

Gina Bartashi



In 2018, Gina launched Kindbody, a project aimed at substantially increasing women's access to healthcare, improving their experience and outcomes and lowering costs.

Sophia Bendz



An active angel investor, Sophia is particularly interested in FemTech. Her angel investments include Clue, Grace Health, Daye, O School, and Boost Thyroid.

Jill Angelo



Being a CEO and founder of Gennev, Jill sees its mission in empowering women to take control of their health. Her first-ever online clinic provides them with access to free education, menopause coaching, and wellness products.

B er nice Magistretti



A tech journalist that has gone into VC investment. She writes about "Tech That Matters," focusing on FemTech and accessibility. Ms Magistretti is also passionate about women's health, social impact, and consumer products in the fashion and beauty industries.

Nuala Murphy



Being a women's health advocate, Nuala is also a founder and CEO of Moment Health, a technology company with a groundbreaking digital solution for the prevention and treatment of women's mental health problems.

Trish Costello



Ms Costello is a founder and CEO of Portfolia, venture funds focusing on high-return areas, including women's health, active aging, enterprise, AI, consumers, food, AgeTech, POC/Inclusion, and climate.

FemTech Influencers

Ida Tin



A co-founder and CEO of Clue, the most trusted female health app. Clue enables women and people with menstrual cycles to make good choices for themselves and live their lives to the fullest.

Nicole Leeds



Nicole cares deeply about better access to healthcare, and especially women's healthcare. She is responsible for Clue's newest feature: Clue Birth Control, an FDA-approved digital contraceptive.

Aagya Mathur



Ms Mathur is a co-founder of Aavia, a start up that has revolutionized a birth control experience by creating the first ever smart Pill sleeve.

Therese Mannheimer



Ms Mannheimer is a founder and CEO of Grace Health, a health-tech company focused on developing scalable and user-friendly healthcare services to women online.

Eirini Rapti



Ms Rapti is a founder and CEO of Inne, a company whose mission is to help women 'tune into' their bodies and make informed decisions about their fertility, sexuality and overall health.

Michelle Kennedy



Ms Kennedy is a founder of Peanut app, a first ever social network enabling women at a similar stage in life to connect with one another. Peanut's mission is to provide a safe space for women where they can gain friends, find support and learn.

FemTech Influencers

Brittany Barreto



A geneticist who has launched a first ever DNA-based dating app (Pheramor). She's also advancing women's health and wellness via FemTech Focus, a podcast with over 100 episodes.

Elina Berglund Scherwitzl



Dr. Scherwitzl is a CEO and co-founder of Natural Cycles, the world's first and only app to be certified as a contraception in Europe and the US. Her mission is to use her research and passion to improve women's health.

Lea von Bidder



Ms Bidder is a co-founder and President of Ava Science, a company that manufactures sensor bracelets. The bracelets provide women with an easy and accurate way of monitoring their menstrual cycle and identifying days when they are fertile.

Alyssa Atkins



Ms Atkins is a CEO and founder of Lilia, a place for people with ovaries to get guidance and customized answers about egg freezing, easily & all in one place.

Billie Quinlan



Ms Quinlan is one of the co-founders of Ferly, a project aimed at improving sexual wellbeing and driving radical transformation of society's relationship with sex. Billie is passionate about all things related to women and their wellbeing, as well as modern technology.

Aashima Gupta



Ms Gupta is a Director of Global Healthcare Solutions at Google Cloud. She sees her mission in contributing to fast digital transformation of the healthcare industry via the use of Cloud, AI, APIs and mobile solutions.

FemTech Influencers

Jordana Kier



Ms Kier is a co-founder of LOLA, the first lifelong brand for a woman's body. She aims to approach women's reproductive health through a product and a community supporting things that are not not openly talked about.

Ann Garnier



Ms Garnier is a founder of Lisa Health, a digital app for midlife women which can help them navigate through their menopause and midlife health challenges.

Kim Palmer



Ms Palmer is a co-founder of Clementine, a confidence app designed to help working women battling anxiety and low self-esteem to sleep better and feel more confident.

Laurence Fontinoy



Ms Fontinoy is a CEO and co-founder of Woom, a data science driven app for women's and reproductive health that enables women to maximize their chances of pregnancy.

Tania Boler



Ms Boler is a co-founder and CEO of Elvie, a company that developed Elvie Trainer, an award-winning Kegel trainer for a stronger pelvic floor, and Elvie Pump, the world's first silent wearable breast pump.

Sylvia Kang



Ms Kang is a co-founder and CEO of Mira, a company that produces palm-sized devices tracking cycles, predicting and monitoring ovulation, measuring ovarian reserve, and detecting menopause.

FemTech Influencers

Liz Klinger



A co-founder and CEO of Lioness, Ms Klinger is also a co-inventor of the Lioness Vibrator, the first and only vibrator that improves one's orgasm.

Meika Hollender



Ms Hollender is a co-founder and President of Sustain, one of the leading producers of all-natural, vagina-friendly sexual wellness and reproductive health products.

Piraye Beim



Ms Beim is a founder and CEO of Celmatix Inc, a preclinical-stage women's health biotech company focusing on ovarian biology and addressing areas of unmet needs.

Ridhi Tariyal



Ms Tariyal is a CEO and co-founder of NextGen Jane, a provider of genomics-based personalized solutions helping women track their health. The company has also created a tampon that monitors diseases affecting fertility.

Tanvi Johri



Ms Johri is a co-founder and CEO of Carmesi, a women's hygiene company that offers all natural and biodegradable sanitary pads and panty liners. She's also an ardent advocate of women's healthcare.

Yanghee Paik



Ms Paik is a co-founder and CEO of Rael, a company that empowers women to make healthier choices for their skin and bodies through using natural personal hygiene products which are available all over the world.

FemTech Influencers

Wan Tseng



Ms Tseng is a FemTech entrepreneur, designer and founder of Wisp, a company whose mission is to empower women by unlocking their sensuality through design and technology.

Sandra Pelletier



Ms Pelletier is a CEO of Evofem Bio science, a clinical-stage biopharmaceutical company developing innovative products for treatment of women's sexual and reproductive disorders.

Flavia Wahl



Ms Wahl is an entrepreneur, passionate yogi, FemTech enthusiast, and CEO of iBreve, a company that has developed a wearable device instantly fighting stress in a simple and natural way.

Debra Duke



Ms Duke is a founder, President and CEO of MenoGeniX, a biotechnology company focusing on treating hot flashes and other menopausal symptoms.

Cecile Real



Ms Real is a CEO of Endodiag, a biotechnology company that specializes in the development of products and services aimed at improving the diagnosis of endometriosis.

Amy McDonough



Ms McDonough works at the Strategy & Operations Department of Fitbit Health Solutions, a company developing highly engaging and personalized healthcare solutions, such as wearable devices for self tracking, health coaching, and virtual care.

FemTech Influencers

Chia Chia Sun



A pharmaceutical business executive with extensive research & development experience, Ms Sun is now CEO of Damiva, a women's health company manufacturing all-natural products for menopausal health.

Jennifer Tye



Ms Tye is a Chief Operating Officer at Glow, a company developing personal health solutions that help people manage their health better. Glow has developed four apps designed to monitor various conditions in women, ranging from periods to parenting.

Amy Domangue



Being an expert in women's healthcare marketing and innovation, Ms Domangue is also a CEO and co-founder of Jessie, an online platform that streamlines access to women's digital health services.

Mylene Yao



Ms Yao is a co-founder and CEO of Univfy Inc., a predictive analytics company that uses machine learning to help women access in vitro fertilization (IVF) treatments and thus build healthy families.

Nicole Dahlstrom



Ms Dahlstrom is a co-founder and COO of FemTech Collective, a company that offers products and services to female-focused health technology startups. With their help, they can overcome barriers to success and connect communities.

Reenita Das



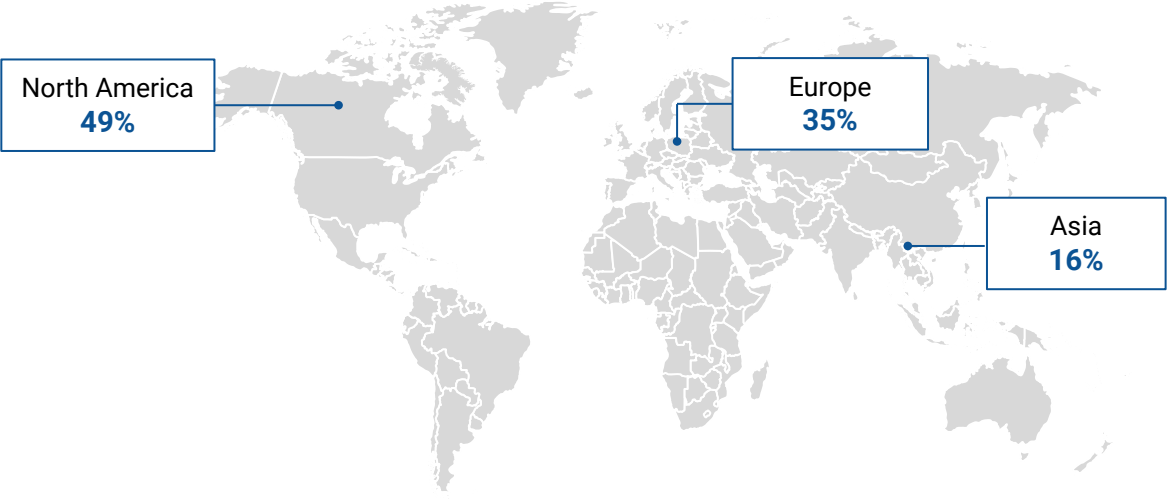
A healthcare evangelist and strategist, Ms Das was voted one of the top 100 women in Healthtech and FemTech. She's also an author of the book called "The Rise of SHEconomy: Female Economic Power".

Leading Laboratories and R&D Centers

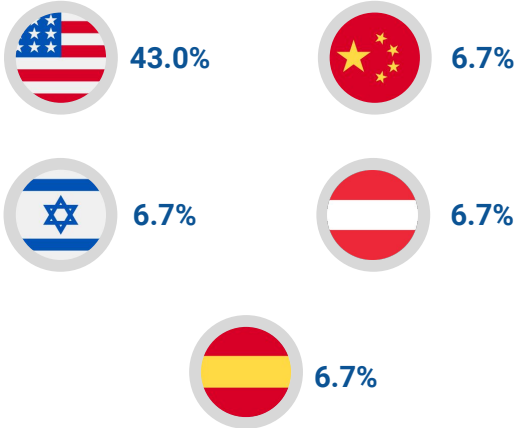
2021 / Q2

FemTech R&D Centers Regional Distribution

Distribution of FemTech R&Ds and Labs by Region, 2021









Leading Countries by R&D Centers, 2021









Mainly **located in North America** (especially in the US), FemTech R&D centers there account for almost **50% of all R&D centers worldwide**. **Europe** (and more specifically, Austria, Spain, Ukraine, France, and Hungary) has the second-largest concentration of FemTech R&D centers (35%), while **Asia** (and more specifically, Turkey, India, Singapore and China) is the third (16%). Israel accounts for 6,7% of all FemTech R&D centers worldwide.






FemTech R&D Centers

		
<p>HQ: Orangeburg, New York, US</p> <p>Founded by Julius Zecchino in March 2014, BioMimetic Laboratories uses biomimetic technologies to transform natural anti-aging solutions into skincare products.</p>	<p>HQ: Vienna, Austria</p> <p>BIRD-C (Biotech Innovation Research Development and Consulting) is an R&D biotechnology company with years of experience in the field of treatment of infectious diseases. Using its BG platform technology (Bacterial Ghosts Cancer Immunotherapy or BGCI), it has recently launched its own tumor treatment therapy.</p>	<p>HQ: Waxhaw, North Carolina, US</p> <p>Incorporated in November 2010, CanDiag, Inc. operates under the auspices of the University of North Carolina Charlotte (UNCC). The founders of CanDiag are Dr. Pinku Mukherjee and Irwin Belk, Endowed Professor for Cancer Research,. They hold an exclusive license to a patented tumor antibody technology used to develop a blood test for early detection of breast cancer.</p>
		
<p>HQ: Barcelona, Catalonia, Spain</p> <p>Barcelona-based Chemotargets company focuses on the development of small molecule pharmaceuticals and cosmeceuticals. Founded in 2006, it's a spin-off of Systems Pharmacology lab that operates under the auspices of the Hospital del Mar Medical Research Institute (IMIM).</p>	<p>HQ: New Orleans, Louisiana, US</p> <p>Founded in 1983, DEKK-TEC has used government and private funding to effectively research and develop new therapies for the treatment of cancer, pre-cancerous lesions, and women's health issues.</p>	<p>HQ: Montclair, New Jersey, US</p> <p>Regarded as a leading CRO in women's health and reproductive endocrinology/infertility, DSP has conducted 80% of all infertility studies in the US over the past 14 years.</p>







FemTech R&D Centers

 DUCHESNAY USA		
<p>HQ: Blainville, Quebec, Canada</p> <p>Duchesnay officially assumed its new mission with the founding of the Louis-Boivin Family Pharmaceutical Chair on Medications, Pregnancy and Lactation at the Faculty of Pharmacy at the Université de Montréal. Since then, it has devoted a significant portion of its annual budget to funding research into drugs used during pregnancy.</p>	<p>HQ: Almere, Flevoland, The Netherlands</p> <p>Emotional Brain is a scientific research company engaged in the development (and implementation) of intelligent reasoning programs and medications aimed at developing a personalized approach to healthcare. It is the most authoritative R&D center known for the development of two new “on demand” medicines for Female Sexual Interest Arousal Disorder (FSIAD).</p>	<p>HQ: Istanbul, Turkey</p> <p>Genz is a biotech R&D company developing novel diagnostic solutions for complex diseases, such as cancer and Covid-19. To date, Genz has received 4 R&D grants and approval of the Turkish Ministry of Health for 3 genetic tests.</p>
		
<p>HQ: Denver, Colorado, US</p> <p>IMPACT Network is a nonprofit organization improving marijuana policy and accelerating cannabinoid therapeutics for women worldwide. IMPACT Network will soon be launching its first ever large-scale clinical study into cannabis and women's health.</p>	<p>HQ: San Jose, California, US</p> <p>Innovium claims “A breakthrough treatment in reversing menopause and restoring female fertility is showing novel impacts on mitigating the effects of the aging process.” Preliminary results indicate improved follicle response, live births, pregnancy, positive IVF, increased egg quality and quantity, and substantial improvement of overall physical health.</p>	<p>HQ: Salt Lake City, Utah, US</p> <p>JBR Clinical Research has over 30 years of experience in pain management protocols, vaccine testing and various other studies across phase I-IV. It has two facilities located near Salt Lake City (Utah, US).</p>







FemTech R&D Centers

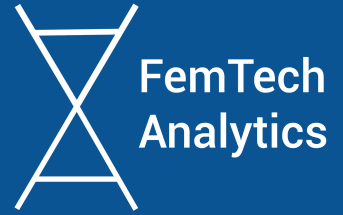
		
<p>HQ: Pittsburgh, Pennsylvania, US</p> <p>The Jewish Healthcare Foundation is a grantmaking foundation with three operating arms: Pittsburgh Regional Health Initiative (PRHI), Health Careers Futures (HCF), and the Women's Health Activist Movement Global (WHAMglobal).</p>	<p>HQ: Singapore, Central Region, Singapore</p> <p>Maccine is an established preclinical research organization providing innovative discovery support and regulatory safety assessment services. OMaccine has developed a portfolio of in vivo assays in key therapeutic areas, including Neurology, Psychiatry, Metabolic Disorders, Pain & Inflammation, Oncology, Musculoskeletal Disorders, and Women's Health.</p>	<p>HQ: Pittsburgh, Pennsylvania, US</p> <p>The largest research institute in the U.S. dedicated to women's health and reproductive biology, HIV protection. and therapies capable of preventing the recurrence of ovarian cancer.</p>
		<p><i>Reproductive Research Technologies</i></p>
<p>HQ: Haifa, Israel</p> <p>NanoPaz Pharma specializes in research, development, and testing of innovative treatments and products improving women's health. Founded it on June 1, 2010, Baram Paz is headquartered in Haifa, Israel.</p>	<p>HQ: Chicago, Illinois, US</p> <p>The OB/GYN Research laboratory is part of Sonya Hanko Wyatt Molecular Biology Laboratory. Established in 1989, OB/GYN Research at Cannon Research Center aimed to investigate the molecular basis and epidemiology of HPV in cervical cancer. Since 1996, the laboratory has mainly focused on Gynecologic Oncology.</p>	<p>HQ: Houston, Texas, US</p> <p>Reproductive Research Technologies is a life sciences company investing in and managing the development, production, and marketing of early stage medical device technologies and IP related to women's healthcare. Founded in 2004, Reproductive Research Technologies is headquartered in Houston.</p>

FemTech R&D Centers

		
<p>HQ: Salt Lake City, Utah, US</p> <p>Taueret Laboratories focuses on clinical and research work in the field of human infertility and genetic conditions affecting women and children. Performed at its CAP and CLIA facilities, it conducts testing with the help of state-of-the-art instrumentation.</p>	<p>HQ: New Delhi, India</p> <p>The Naz Foundation Trust, (or Naz India) is a New Delhi-based Non-Governmental Organization (NGO) that has been dealing with HIV/AIDS and sexual health issues since 1994.</p>	<p>HQ: Washington, District of Columbia, US</p> <p>The Society for Women's Health Research (SWHR) is a non-profit organization dedicated to improving women's health through science, policy, and education. The SWHR is also a recognized leader in research into sex differences.</p>
		
<p>HQ: Ann Arbor, Michigan, US</p> <p>Based in Ann Arbor, Michigan, Therapeutic Systems Research Laboratories (TSRL), Inc. is a private, female-owned, pre-clinical accelerator that creates companies developing infectious disease therapeutics and improves existing drugs. Potential indications include influenza, HSV, VZV, CMV, EBV, poxvirus, HPV, Adenovirus, and RNA viruses.</p>	<p>HQ: Kyiv, Ukraine</p> <p>The Ukrainian Institute for Sexology and Andrology specializes in research and treatment into urology and gynecology.</p>	<p>HQ: Terrassa, Catalonia, Spain</p> <p>Created by scientists from Plant Biotechnology: Production of Phytomedicines, Phytore Biotech operates under the auspices of the Faculty of Pharmacy at the University of Barcelona (Universitat de Barcelona).</p>

FemTech R&D Centers

		
<p>HQ: Boston, Massachusetts, US</p> <p>The Wyss Institute for Biologically Inspired Engineering uses Nature's design principles to develop bioinspired materials and devices that will transform medicine and create a more sustainable world.</p>	<p>HQ: Port Saint Lucie, Florida, US</p> <p>VGTI Florida studies the human immune system, as well as mechanisms responsible for our body's response to pathogens and cancer. It also develops new vaccines and treatments for fighting HIV/AIDS, breast and ovarian cancer.</p>	<p>HQ: New York, US</p> <p>ARIUS Research, Inc., is a biotechnology company, engaged in the development of antibody therapeutics for breast, prostate, ovarian, colorectal, pancreatic and lung cancers, leukemia, and melanoma.</p>
		
<p>HQ: Limoges, Limousin, France</p> <p>Oncomedics is a biotechnology company that specializes in personalized cancer treatment and development of a customized diagnosis system. It also evaluates novel anti-tumor agents during pre-clinical and clinical screening.</p>	<p>HQ: Innsbruck, Tirol, Austria</p> <p>Founded in 2000, Vivateq Biotechnology GmbH researches E-binding protein AFAMIN and explores diagnostic and therapeutic applications of this biomarker in cancer and infertility, as well as pregnancy complications, metabolic, cardiovascular and neurodegenerative diseases.</p>	<p>HQ: Beijing, Beijing, China</p> <p>Jabrehoo focuses on clinical transformation and innovative research and development in the field of assisted reproduction and genetics. It also provides one-stop solutions for reproductive genetics.</p>



Top FemTech Events and Conferences

2021 / Q2

Top FemTech Events in 2020



Women of Sextech Virtual Conference

May 2

The conference sought to raise awareness and demonstrate the impact of COVID-19 on human sexuality. Participants also spoke about other topics like IVF and PGT and how they could be used to promote health and wellness.



101 Best Practices for FemTech

May 27

The session covered user research practices that can help FemTech companies get to know their users better. It also covered the high-level strategy of developing a user research process through cost-effective methods.



FemTech Forum 2020

June 25

The 1st global virtual conference about FemTech that brought together some of the most inspiring FemTech founders, innovators, investors, and influencers. They spoke on a wide range of topics, including fertility, sexual health, products for modern women, and the gender gap in medical research.



Boosting Women Founders

July 27

The panel discussed obstacles for women founders seeking to get funding, especially in healthcare tech, wearables, and sextech. Also covered was the role of female communities in providing funds and supporting women founders.








Wellness & Selfcare Summit



September 4

The Future of FemTech Wellness & Self-Care Summit was a one-day event for leaders in women's health who wanted to invest time and energy into feeling their absolute best. The event was designed to lift spirits, engage mind, nourish body, and feed the soul.

Top FemTech Events in 2020

 <h3>The Future of Women's Health</h3>	 <h3>Women's Health Innovation Summit</h3>	 <h3>Sex, Fertility & Contraception: What's Next?</h3>	 <h3>The Most Important Trends in Women's Health</h3>	 <h3>Why FemTech Is Ready for Innovation</h3>
September 10	September 14-22	October 28	November 5	December 8
<p>Virtual panel discussion, dedicated to the use of technology for women's health, innovations, and what the future holds for the rising industry. Other topics included fertility, menstrual care, nursing solutions, pregnancy, and sexual health.</p>	<p>This was a forum for pharm and medical device startups, companies, investors, doctors, and researchers. Its goal was to strengthen and advance research, investment and partnerships for the sake of improving the quality of healthcare for women worldwide.</p>	<p>The event covered a wide range of topics, including the importance of opening a conversation about Sex, fertility & contraception, fundraising and investment in sextech and FemTech, and innovative products and solutions promoting female health.</p>	<p>Held as a round table discussion, the event brought together women's health medical professionals. It was led by Portfolia which is pioneering the next wave of FemTech. Areas of innovation and new products experiencing rapid growth were also discussed.</p>	<p>Moderated by Alice Zheng, leader of McKinsey's knowledge center on women's health, the event was dedicated to the intersection of venture capital and women's health. It also looked into trends and opportunities in a previously overlooked segment of the health care.</p>

Top FemTech Events in 2021

 Health Tech 2.0	 2021 Women's Health Innovation Forum	 Online Conference "International Women's Day"	 Advancing Health Outcomes for Women Briefing	 Fertility Innovation Summit
January 28	February - October	March 5	March 17	April 20
Health Tech 2.0 is a global virtual event bringing together health tech leaders, innovators, founders, influencers and investors. It covers a wide range of topics, including AI, wearables, emotional health, women's health, beauty tech and a lot more.	A series of discussions and presentations highlighting opportunities for investment in research and innovation in the field of women's health. These events help shed light on innovative solutions and address unmet women's needs.	The goal of the event was to move beyond discussion of challenges within the industry. Instead, the focus was on upskilling and creating practical solutions capable of making the growing Women's HealthTech ecosystem a success on a global scale.	Springboard Enterprise and Women's Health Innovation Coalition held a virtual briefing on biological and genetic differences impacting women's health, underrepresentation of women and minorities in research, and investment and innovation that impact women.	The summit was focused on harnessing innovation through partnership, investment, and collaboration. It also aimed to improve women's understanding and control over their reproductive health through education, advanced clinical research, and innovative technologies.

Top FemTech Events in 2021



**HealthTech
and
FemTech**

May 19

WoW Members' Meet & Greet – HealthTech and FemTech was an informal online meetup during which HealthTech and FemTech professionals could meet online, share their experiences, ask for help and connect with like-minded people.



**FemTech
Fundamentals**

May 12-26

Expert series on all things in FemTech and business. The range of topics including digital marketing, fundraising, FDA regulations, and sales strategies have been covered with specific attention to the unique challenges as well as opportunities FemTech companies are facing.



**ETH Zurich
FemTech
Summit**

May 26-27

During the summit, its participants have been discussing a connection between gender and effective therapy, ways of bridging missing data gaps, innovative screening, symptom tracking, personalized contraception, fertility, and the future of pain.



**Transforming
Women's
Health 2021**

June 10-12

Held as a livestream, the event was focused on enabling healthcare providers to improve care of female patients by presenting emerging scientific and clinical evidence related to medical conditions that are unique to women, occur more frequently in women or manifest themselves differently in women.



**Women 40+
Innovation
Summit**

June 22

The event organized for the leading entrepreneurs, practitioners, and industry leaders committed to investing in better health solutions and outcomes for women after 40.

Top FemTech Events in 2021



**Global
Congress on
Women's
Health &
Wellness**

June 24-25

This event provides experts with an opportunity to share their research findings and advances in Women's Health and associated fields. It also covers the most relevant topics in women's healthcare and technology.



**FemTech
Fundraising
Summit**

July 26-30

Series of events organized to look into different fundraising options for FemTech startups. VC, angel investing, and equity crowdfunding experts will be holding practical sessions and panel discussions.



**Women's
Health
Innovation
Summit**

September 14-15

Being the FemTech sector's leading platform, it's dedicated to tackling unmet needs and championing innovative approaches and solutions. The focus is not on female-only health challenges, but also on female-prevalent diseases.

**WOMEN
HEALTH-2021**

**Women
Health
Science
and Care**

September 24-25

A two-day congress providing obstetricians, gynaecologists, physicians, surgeons, oncologists, and researchers with a chance to meet one another on a global platform.



**Female
Health
Empowerment**

November 25

The goal of the event is to discuss the role of FemTech in female health empowerment. Its participants will be holding practical sessions designed to track empowerment progress in women's healthcare.

FemTech Market Trends Overview

2021 / Q2

Key Market Trends

PERSONALIZATION

Currently, the FemTech Industry, includes personalized and female-oriented approaches to health & disease management, with a focus on heart health, pain management, and diabetes and weight management.

ENDOMETRIOSIS

Endometriosis is a health disorder that affects one in every 10 women. Within the next several years, the global market is expected to reach \$2.3 billion in size. That has already led to the emergence of numerous endometriosis-focused startups.

IN-HOME TESTING

Due to an increase in women's healthcare awareness, there is a growing demand for early disease detection. The development of portable devices that can be used at home, as well as software the analysis of health indicators, is a noticeable trend on the market.

MENOPAUSE

Until recently, the menopause solution market has remained underdeveloped. However, as the number of women approaching the age of menopause is steadily increasing (due to the so-called Silver Wave), it is beginning to attract more attention.

FERTILIZATION

Innovative FemTech technologies have led to an increase in demand for embryo scanning, egg storage, and other forms of assisted reproduction. A number of startups are currently entering the fertility market.

AI FOR FEMTECH

The application of AI is a noticeable trend in a number of FemTech sub-categories (e.g. beauty for FemTech, diagnostics, sexual and general healthcare, and fertility solutions).

TRACKING APPS

Since Clue, the first ever period and ovulation tracker, became available, there has been a growing demand for various apps dedicated to tracking menstrual cycles, menopause, and different stages of pregnancy.

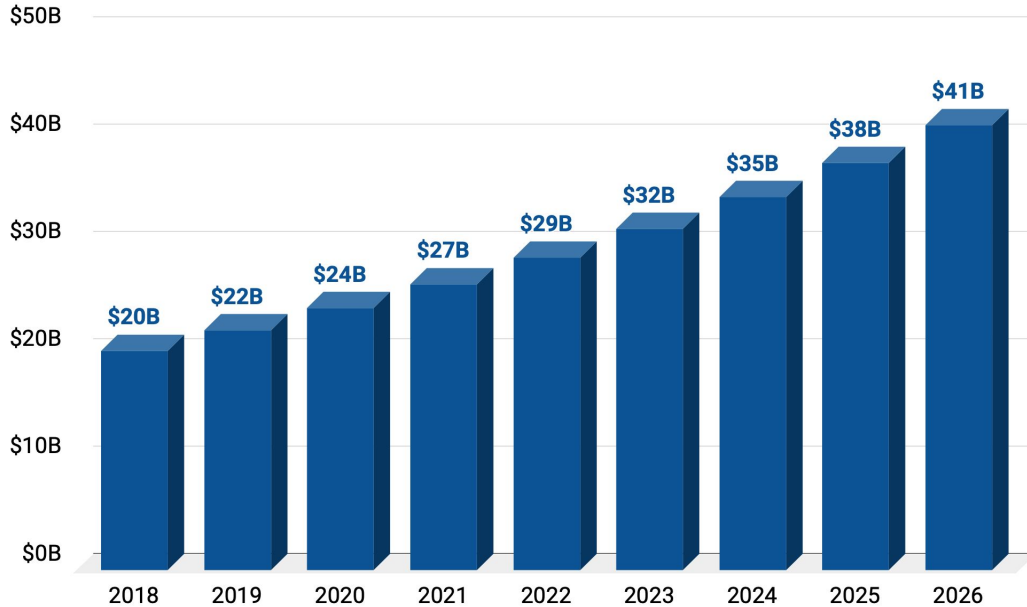
WEARABLE DEVICES

By 2025, the device segment of the FemTech market is expected to reach 16%. Companies are focusing on the development of innovative technologies, such as breast pumps and pelvic floor exercise devices.

Source: Media overview

Key Market Trends: Reproductive Health

Global Fertility Services Market, 2018-2026



Source: Forbes; Media overview

The global fertility services **market is expected to almost double by 2026**, becoming a **\$41.4 billion industry**.

The biggest cause of the current trend is that women are more likely to choose having a baby at a later age. The **mean age of women giving birth** to their first child was **29.4 years** in 2019 in Europe.

A growing number of people are also experiencing trouble conceiving, and therefore the market for fertility services has continued to grow.

Latest technologies implemented:

- In vitro fertilization (IVF)
- Egg freezing
- Blood-based hormone home tests
- Saliva home test for ovulation.

Key Market Trends: Menopause Solutions

85% of women
are experiencing a
menopause-related symptom

1 billion of women
will be experiencing menopause by
2025

93% of menopausal women
are interested in non-invasive tech
solutions

Menopause Solutions stands out as one of the most significant trends in the FemTech Industry. There are a variety of treatments currently available to relieve **symptoms of menopause** – from hot flashes, night sweats, weight gain to insomnia – including hormone replacement therapy and supplements. Menopause often accompanies other diseases; low levels of estrogen and other changes related to aging can raise your risk of heart disease, stroke, and osteoporosis. Many women are looking for **alternative digital solutions**, as for now the most common treatment is still **hormonal replacement therapy (HRT)**, which may cause side effects.

Latest technologies implemented:

- Wearables to manage the symptoms
- Symptom tracking apps
- Telemedicine and digital therapeutics
- Pharmtech for alternative therapy

Source: Media overview

Key Market Trends: Wearables

Worldwide shipments of **wearable devices reached \$153.5 million** in the fourth quarter of 2020 (Q4 2020), a year-over-year **increase of 27.2%**. The growing demand for direct-to-consumer devices in FemTech, such as wearables, is caused by the overall comfort and reduced side effects from their utilization. **Smart wearable devices allow females** to measure variable biomarkers and body performance; track their monthly cycles, including ovulation and periods; and test their urine or breast milk.

The company Elvie offers pelvic floor muscle exercise programs to women who experience bladder control problems or want to improve their pelvic health for better intimacy or faster postnatal recovery. **The Elvie Trainer is an app-connected pebble-shaped pod.**

One of the solutions for physical and mental wellbeing is various smartwatches and smart bracelets. The **Bellabeat wellness tracker** can monitor health, fitness, menstrual cycles, sleep patterns, meditation, and stress levels, and provide analyzed data and personalized content, helping women understand themselves better.

Among a number of devices helping women in their **postpartum period and baby care startups are the different types of wearable breast pump.** For example, the **Willow wearable breast pump** fits inside a woman's brassiere, works with an app, and promises a no-spill hands-free pumping experience.

Key Market Trends: Tracking Apps

\$3.9 Billion

Women's health app market size
by 2026

Asia Pacific

is expected to showcase the fastest
growth rate till 2026

Key players

in the tracking apps market are
Flo, Clue, and Eve

The trend of tracking apps has included the development of apps for tracking ovulation and periods, pregnancy, or menopause symptoms; and apps for general physical or mental wellness and female disease management. All of these solutions are helping women to better understand and take care of their bodies and their cycles. By tracking symptoms, they can identify irregularities and spot any potential concerns.

The menstrual health applications segment held the largest market share in 2020. Period apps are able to track ovulation and guide women who are trying to conceive or avoid pregnancy. Some widely known examples include Clue, Glow, Eve, Flo, Natural Cycles, My Calendar, and many others. Other top companies in this space, such as Cora, provide subscription services to deliver feminine hygiene products to customers' doorstep.

One of the **latest collaborations** in this sphere was between Clue and Fitbit's ionic sports watch. The joint project offers a first-period tracking app compatible with the Fitbit OS.

Source: Bloomberg, Media overview

FemTech Companies Representing Market Trend

AI for FemTech

Haut.AI

Haut.AI is an Estonian startup developing AI algorithms for the recognition of skin pathologies. Their developments are based on the algorithms of computer vision and machine learning, including deep learning. Haut.AI helps users to build new skincare strategies and transform and digitalize interactions between business and customer. It also facilitates R&D.

Web Site:	haut.ai
Category:	Beauty for FemTech
Founded in:	2018
Based in:	Tallinn, Estonia
Funding Status:	Early Stage Venture
Total Funding Amount:	N/A

Investors



Fertilization



Ivy Natal develops a process to create human egg cells from skin samples as a treatment for most cases of infertility. Many women cannot have children except through the use of donor eggs. Ivy Natal aims to allow these patients to have biological children for the first time, using a process that starts with a simple skin biopsy.

Web Site:	www.ivynatal.com
Category:	Fertility
Founded in:	2020
Based in:	San Francisco, United States
Funding Status:	Early Stage Venture
Total Funding Amount:	\$ 250 K

Investors



FemTech Companies Representing Market Trend

Wearable Devices

The logo for Alpha FemTech, featuring the word "alpha" in a lowercase, sans-serif font.

ALPHA FEMTECH is developing a wearable smart clothing concept to reduce menstrual pain by using micro-vibrations and regulating heat release to the body. The goal is to connect the physical prototype to various digital platforms in the future to fight menstrual poverty.

Web Site: alphaFemTech.com

Category: Period

Founded in: 2020

Based in: Budapest, Hungary

Funding Status: Early Stage Venture

Total Funding Amount: \$ 50 K

Investors



Endometriosis



DotLab, a women's healthcare technology company, is launching DotEndo, a breakthrough, non-invasive, blood test that aids in the diagnosis of active endometriosis. DotEndo measures biomarkers in the blood, which act as a unique signature to identify active endometriosis across all stages of the disease, regardless of hormones, cycle, or symptoms.

Web Site: www.dotlab.com

Category: Diagnostics

Founded in: 2016

Based in: San Francisco, United States

Funding Status: Early Stage Venture

Total Funding Amount: \$ 12.6 M

Investors



FemTech Companies Representing Market Trend

Tracking Apps



Breathe ilo is the world's first fertility tracker that uses breath analysis to identify a woman's ovulation pattern and fertile window. The breathe ilo is a small handheld device synced to an app that reads the breath's CO2 saturation to determine with considerable accuracy where a woman is in her cycle.

Web Site:	http://.breatheilo.com/
Category:	Fertility, Pregnancy
Founded in:	2014
Based in:	Graz, Austria
Funding Status:	Early Stage Venture
Total Funding Amount:	\$ 7.3 M

Investors



In-Home Testing



Fig Health is a healthcare company that offers direct-to-consumer at-home health screening and coaching, as well as supplements for women. Fig Health enables at-home biomarker testing, supercharging that with a community of fellow trackers.

Web Site:	https://www.fighealth.co/
Category:	General Healthcare
Founded in:	2020
Based in:	Singapore
Funding Status:	Early Stage Venture
Total Funding Amount:	N/A

Investors



FemTech Companies Representing Market Trend

Menopause Solutions



MyMenopauseRx is a telemedicine company improving the healthcare experience for women at midlife and menopause. It provides women with improved access to affordable menopause care, lab testing, education, and community. The company saves patients time and money without sacrificing quality.

Web Site:	http://www.mymenopauserrx.com
Category:	Menopause Solution
Founded in:	2021
Based in:	Wheaton, United States
Funding Status:	Early Stage Venture
Total Funding Amount:	N/A

Investors N/A

Personalization



Hyivy Health creates an intelligent and holistic pelvic rehabilitation device for the 1 in 3 women worldwide who will experience a pelvic health complication in her lifetime. The device provides the first quantifiable data set on the pelvic floor and three different therapies from multiple sensors and mechanical functions.

Web Site:	https://www.hyivy.com
Category:	Sexual Healthcare
Founded in:	2020
Based in:	Hamilton, Canada
Funding Status:	Early Stage Venture
Total Funding Amount:	N/A

Investors



Key Factors in the Development of the FemTech Market



As already mentioned, the FemTech market has great untapped **growth opportunities**. The above-presented factors will lead to the fulfilment of market potential in the near future. Despite the market share having enormous potential, women represent only half of the planet's population, and so far, the development of the FemTech market has occurred predominantly in the developed world. That is why it is crucial to make FemTech products and solutions **accessible** and **affordable**.

At the same time, working-age women spend 29% more per capita on healthcare than men and are 75% more likely to use digital tools for healthcare. **Customized revenue models** – for example, the renting of devices for a limited period of use – will stimulate this trend. Since 2016, a number of **government initiatives** have been launched to support modern digital applications for the treatment of conventional women's health issues.

Source: Media overview, Frost & Sullivan articles

Key Points and Conclusion

2021 / Q2

Key Points

State of FemTech

The market is developing very fast and is expected to grow at a CAGR of 15.6% by 2027

>1,500 companies, 1,000 investors, and 30 labs and R&D centers

In 2021, the funding of companies in the FemTech Longevity subsector exceeds \$3B that is about 20% in the entire industry

Progyny is the leading publicly traded FemTech company

North America is the largest FemTech market across all subsectors

Founders Fund is the leading investor in terms of total funds raised

Future Directions of Focus in FemTech

Reproductive Health will retain its leading position as the most vital for women

Increase in the number of menopause-focused companies as millennials are maturing

AI usage trend in FemTech companies for all subsectors and product types

Companies will concentrate more on developing personalized solutions for women's health issues

Women's health will be considered more from a psychological perspective

Accessibility and affordability for less developed regions will be of high importance

Source: Media overview

Major FemTech Market Development Drivers

More comprehensive understanding of women's health

Unmet needs in FemTech Longevity

Destigmatization and the power of community

Telehealth & digital therapeutics

The fact that **the total addressable market (TAM) for FemTech is over half of the world's population** shows that it has an extremely high market development potential. On the other hand, **women's health has been under-researched** for decades. Today, more and more research, new technologies, and development is being dedicated to female healthcare.

The growth of FemTech Longevity may partly be the result of the **increasing gap between female healthspan and women's rising lifespans**. The number of years spent suffering from age-related diseases is also higher than men have. This creates an **unmet need for products and services aiming to maximize female healthspan** that the rising FemTech Longevity sector is striving to fulfill.

The paradigm shift we are observing is helping the industry to thrive, and provides the basis for its future growth. Issues surrounding female health are becoming **less stigmatized**. Society is now ready to discuss topics related to periods, female sexual healthcare, and menopause.

The growing presence of **telehealth is allowing greater accessibility for women to healthcare services** at different stages of life. According to the latest research, working-age **women are 75% more likely to use digital tools for health** than men. This trend is well reflected in the FemTech Industry.

FemTech Future Prospects

Currently, the vast majority of FemTech companies are focusing on the Fertility and Pregnancy space; however, that's likely to change within the next decade. It is also expected that new and promising areas, such as Longevity, menopause, SexTech, therapy and breastfeeding will be experiencing rapid growth.

Here are the factors that can help determine the direction in which the industry will be headed.

- By 2025, **1.1 billion women** are expected to be **postmenopausal**. Currently, only 5% of startups are providing menopause solutions.
- The **service segment** is expected to expand. FemTech companies that provide services, will benefit from this global trend and are likely to increase in number.
- **Emerging global economies** will also speed up the spread of smart medical devices and wearables, including FemTech devices.
- **DNA testing** helping women determine the likelihood of breast and cervical cancer and other genetic diseases will be increasingly available.

\$892M
Menopause Solutions
Market by 2025

Digitization
Key Market Driver

North America
Most Promising Region

\$41B
Global Fertility Market
by 2026

\$28T
Women Consumer
Spending in 2025

Telehealth
Key Trend in Services
Segment

Conclusion

FemTech refers to a broad spectrum of **digital technologies dedicated to the improvement of women's health and wellbeing**. Its main goal is to satisfy unmet needs of women and develop technological solutions for **Longevity, pregnancy and nursing care, women's sexual wellness, reproductive system healthcare, menopause solutions, female oncology, and general healthcare**. The FemTech market includes wearable and clinical devices, diagnostic appliances, products, platforms, software, apps, or services.

In recent years, the **FemTech** Industry has **revolutionized perception** of women's healthcare and its importance. There has been an increase in R&D in previously unexplored areas, such as **menopause solutions, tracking apps, sexual healthcare, mental health**. Also, the number of **companies using AI** is growing and will continue to grow in the upcoming years.

The **main problem** of the FemTech Industry is the **lack of funding**. Only 4% of R&D expenditure is directed toward women's health. At the same time, people in **developing countries**, especially in those of them where women dominate, have little access to smartphones and new technologies. And that, in turn, results in poor quality of healthcare services.

Increasingly more investors have been turning their sights toward women's health startups recently. Also, a large number of **conferences and events dedicated to topics concerning women** have been initiated. This has resulted in much **higher awareness** of the industry and increased investment. **Positive externality** is a direct result of the development of the FemTech Industry: **women are becoming more accepted**, with their problems and desires being paid more attention to.

FemTech Analytics

Big Data Analytics to Advance Women's Health

Being a leading strategic and analytical intelligence agency, FemTech Analytics is focusing on the relatively 'young' FemTech market and its core subsectors, such as Longevity for women, Mental Health & Healthy Lifestyle, Reproductive Health, and General Healthcare.

FemTech Industry 2021 Report



View More

700 FemTech Leaders



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FemTech Overview in Interactive Charts



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FemTech Global Investment Digest



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