

France is ranked seventh in the world for life expectancy at birth and is the top OECD country for access to healthcare, while costs per capita are well below the average for other OECD average.



350,000
PROFESSIONALS

France has a community-based healthcare system, with 350,000 healthcare professionals, of whom 218,300 are doctors, i.e. 3.4 doctors per 1,000 inhabitants. Community health services (37,000 medical practices, 36,000 dental surgeries, 23,000 pharmacies etc.) receive 260 million visits per year.



3,111
HOSPITALS

There are 3,111 hospitals in France - 1,416 in the public sector, 683 privately run non-profit hospitals and 1,012 private clinics. France is ranked fourth among OECD countries in the number of hospitals per inhabitant.



31.5%
IN 2016

In 2016, public spending on social protection was 31.5% of French GDP, compared with 25.3% in Germany, 21.5% in United Kingdom and 19.3% in the United States. France is ranked fourth in the world for medical devices and technology, covering products and equipment in a wide field ranging from syringes and in-vitro diagnostics to MRI scanners.

MEDICAL FACILITIES

— **There are over 1,340 medical equipment and facilities providers in France earning €28 billion in revenues.** Over half these providers are also engaged in R&D - 13% purely carry out research, while 60% have production facilities and 80% carry out sales and marketing. All told, nearly 85,000 people work in the French medical facilities sector, with 50% employed by foreign-owned subsidiaries. Ninety-two percent are SMEs. France exports €8 billion in medical devices per year.

— **For example, Besançon-based Alcis sells heart valves and catheters globally.** Alcis subsidiary Alseal, founded in 2009, has had its endovascular technology licensed in the United States and China. Today Alcis employs 25 people and posts revenues of US\$4 million, with US\$2.7 million earned in foreign markets such as China, the United States, Canada and Brazil.

PHARMA AND BIOPHARMA

— **France is the fifth largest world market and the second largest European market for medicines.** In 2015, revenues from pharmaceutical products exceeded €53 billion, nearly half of which came from exports. Close on 99,000 French people are directly employed by pharmaceutical companies, 42,000 of them in manufacturing operations. Fifty percent of the 20,000-people working in R&D are researchers, and the pharmaceutical industry has one of the highest R&D spends in the French private sector, accounting for 9.8% of revenues of all pharmaceutical companies.

€53
BILLION
REVENUES
IN 2015

— **Sanofi is the third largest healthcare firm in the world ranking 19th among multinationals for research spend.** One Sanofi product, Dengvaxia, is the world's first approved dengue vaccine, with 100 million doses produced each year in France.

THE "SILVER ECONOMY"

— **The "Silver Economy", all business activities serving senior citizens, has tremendous growth potential in France:** the market was already worth €92 billion in 2013, and revenues are expected to hit €130 billion by 2020, representing growth of over 5% growth per year.

The number of people aged 60 and over is due to rise from 15 million today to 20 million by 2030, while the number of people over 85 is expected to rise from the current 1.4 million at present to 4.8 million by 2050. France has a number of high-growth companies in the Silver Economy industry.

— **Kafe** provides services enabling isolated elderly people to remain independent; **VitalBase** has developed an automatic fall detector; **Sidonie** makes appliances to enable elderly people to continue to live in their own homes; and **Yumii** has designed a networking platform linking elderly persons living at home with their families, carers and doctors.

+5%
AVERAGE
ANNUAL
GROWTH
BY 2020

CYBERHEALTH

— **Sixty-seven percent of the general public and 81% of doctors in France think that connected healthcare offers better quality treatment possibilities,** while 23% of patients with chronic ailments already use connected medical facilities. Founded in 2015 by 59 startups across the country, France eHealth Tech, which now has more than 140 members, aims to promote and represent cyberhealth startups in dealings with government agencies and throughout the healthcare industry. Every year the prestigious MIT Technology Review showcases the innovative capacity of up-and-coming entrepreneurs, scientists and researchers in a variety of sectors. Ten French innovators were singled out in 2016, three of them in the Health Tech category: Doctolib, Instent and Millidrop.

— **A number of French startups have developed apps that improve dealings between patients and healthcare professionals.** Doctolib makes it easier to book online appointments; Instacare helps patients to see doctors within 24 hours; DoudouCare has perfected an online Q&A platform for children's health; and Epiderm offers a similar service for dermatological ailments.

SELECTED COMPANIES

• **Capsul Protect**, a Marseille-based startup, has developed a digital health booklet so that patients can always have their medical records close to hand; Paris-based **Liva** has made a bracelet with a unique diamond-engraved QR code containing health data; and **Auxivia**, another Paris startup, has invented smart glassware to measure liquids drunk by elderly people.

• The first "Consult-Station" in France was set up in Cluny (region Bourgogne-Franche-Comté) in 2014. These mini health centers were developed by **H4D**, a French startup, and can be used for remote video conferencing and to mitigate the problem of too few doctors in remote rural areas. By late 2016, over 20 of such stations had been introduced throughout France.

• In 2017, two French organizations were selected for a project to expand the Ridge hospital in Accra, Ghana. **Bouygues** is running construction while training will be carried out by staff from the French **AP-HP** hospital group.

• In 1990 Anglo-Swedish **AstraZeneca** set up operations in Dunkirk (Hauts de France region), where it now employs 450 people producing two asthma treatments. By 2016 the firm had invested €135 million in the site, which produces 90% of the firm's global needs for the asthma treatments.

• Finnish company **Polar** is developing heart rate monitors for sports enthusiasts to track their exercise, weight and heart beat. Polar subsidiary **Polar Electro France** is based in the Nouvelle Aquitaine region.