

Our mission is to strive for creating
a future where people can live
in good health.

- October 2, 2020 Company Information Session -



株式会社 データホライゾン

DATAHORIZON Co., Ltd.

1. Management Philosophy, Company Profile

1.(1) Management Philosophy

Management Philosophy

Thanking for everything, feeling grateful for all favors, and being moved by surroundings, we will keep striving to contribute to the development of the society and the conservation of the environment in the future through creating the flow of impressing beyond the expectation of people related.

経営理念

私たちは感謝・感恩・感動の

三感を源にして

縁ある方々の期待を超える

感動の流れを生み出し

社会の進化と未来の環境に

貢献し続けます

Under our management philosophy, our basic policy is set to create changes in the market by developing new products and services and stay at the forefront in changes, by taking advantage of the characteristics of a system developing company that can develop new business without large capital investment.

Today, Japan is confronting problems such as rising medical expenses, a declining population, and an aging society with a low birthrate. Through its medical-related products and services, Our Group aims to contribute not only to optimize Japan's medical expenses but also to improve the quality-of-life of the people.

1.(2) Company Profile

Company name	DATAHORIZON Co., Ltd.
Establishment	March 25, 1982
Hiroshima Head Office	Hiroshima Mixis Building, 1-21-35 Kusatsu Shinmachi, Nishi-ku, Hiroshima City
Business Description	Medical related information services
Number of employees	162 (as of March 31, 2019)

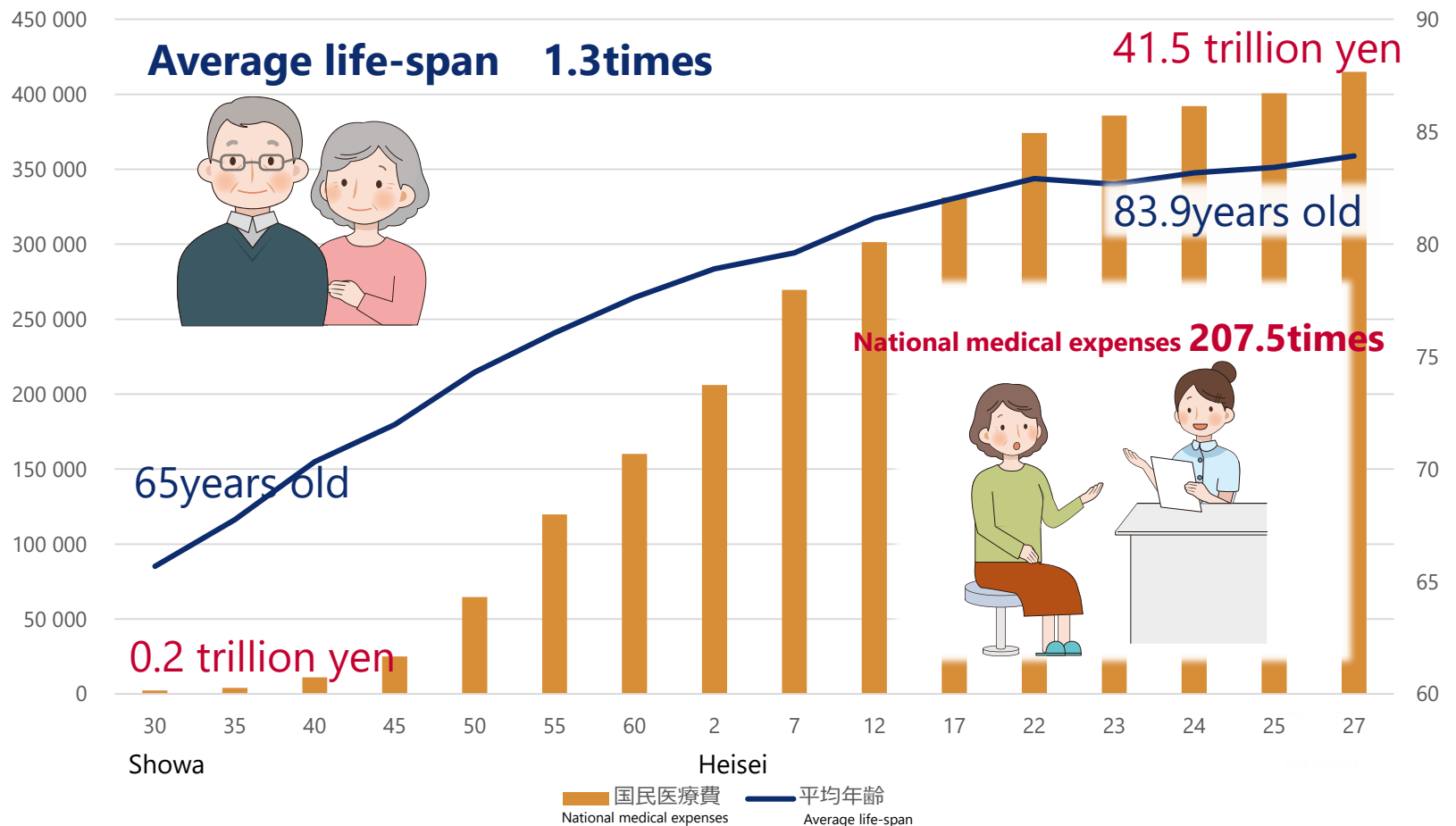
1.(3) Current State of Healthcare in Japan, Part 1

Do you know?

Average life-span and National medical expenses in Japan

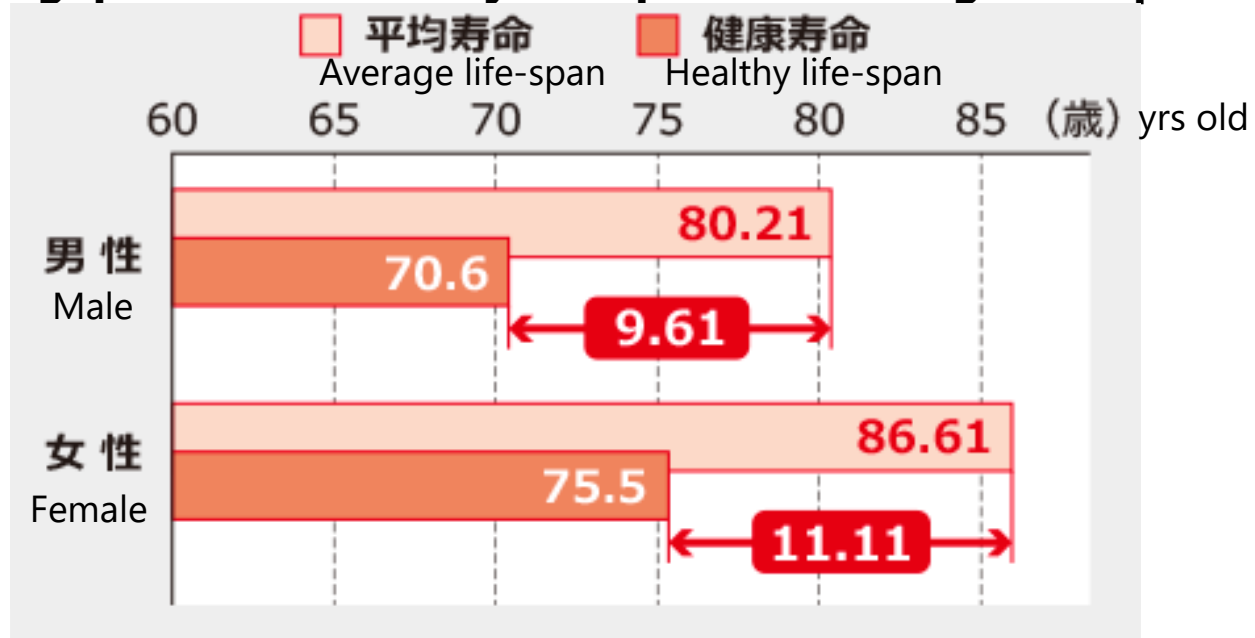
(100 million yen)

(Age)



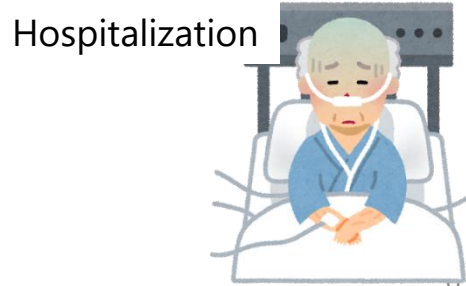
1.(3) Current State of Healthcare in Japan, Part 2

Do you know?

The gap between healthy life-span and average life-span

(平均寿命：2013年「簡易生命表の概況」、健康寿命：2014年版厚生労働白書より)

The gap is a “period of unhealthiness” with restrictions on daily life.



➡ Quality-of-life
will be lowered

1.(4) Main Business

Through medical-related products and services.

Optimizing Japan's Medical Expenses

Contributing to promote quality-of-life of the people

My medical bills have been reduced!



I can control my diabetes!



2.(1) What is a Rezept (Health Insurance Claim)

Medical expenses are calculated in every medical institution in Japan and represented amounts of money by "points." Rezept is a health insurance claim that shows the details of a patient's medical treatments and corresponding expenses (currently 1 point = 10 yen) in a month. Medical institutions are required to submit this claim to the insurer to receive the payment.

As shown in the image on the right, the claim form contains information such as the patient's name, the name of the injury or disease, the medical treatment provided, and the drugs prescribed. We use these claim forms and analyze to provide a variety of services for insurers to optimize medical expenses and improve the quality-of-life of patients.

		保険	123456	
		記号・番号	234	456789
氏名	レセプト太郎 男 昭和 38.04.01 生		広島市西区草津新町1-21-35 データホライズンクリニック 082-279-〇〇〇〇	
傷病名	(1) 高血圧症(主) (2) 睡眠時無呼吸症候群 (3) アレルギー性鼻炎 (4) 脂質異常症 (5) 肥満症	診療開始日	(1) □年×月○日 (2) □年○月×日 (3) □年△月×日 (4) ○年×月△日 (5) ○年×月□日	
11 初診		×○□	〇〇錠 20mg	4 × 10
12 再診			××錠 5mg	7 × 10
13 医学管理		○□×	△△錠 20mg	28 × 10
14 在宅			調剤料(入院)	7 × 2
20 投薬	21 内服調剤	□○△	調剤基本料(入院)	42 × 1
	23 外用調剤	○△□	終夜睡眠ポリグラフィー	
	25 処方		(携帯用装置使用以外)	3,300 × 1
30 注射			脳波検査判断料	140 × 1
40 処置			一般病棟特別入院基本料	
50 手術			一般病棟入院期間加算(14日以内)	
60 検査			(特別入院基本料等)	875 × 2
請求点		5,660	3級地地域加算	12 × 2

2.(2) Three Challenges in Analyzing Health Insurance Claim Data

Because health insurance claims are medical fee bills prepared for insurers, they do not fit to be utilized as a database to analyze the healthcare status of patients, as they are.

There are three major challenges in analyzing rationally and accurately.

① Unable to determine medical expenses for each disease

Since the details of treatment and expense in the column of description are not linked to the name of the disease in the column of injury and illness names, the medical expenses for each disease can not simply be obtained.

② Unable to segregate the diseases currently being treated from all diseases in the column of injury and illness names

Approximately 40% of the diseases listed in the column of injury and illness names are past diseases for which treatment has been completed or has been discontinued. Medical institutions are apt to hesitate to update the names of past diseases once they have been listed in a health insurance claim.

③ Unable to distinguish the severity level of the disease

Only names of diseases and treatments are described in a health insurance claim and the severity level of the disease is not specifically listed. It is not possible to plan and provide healthcare instruction services to patients without knowing their severity level of the disease.

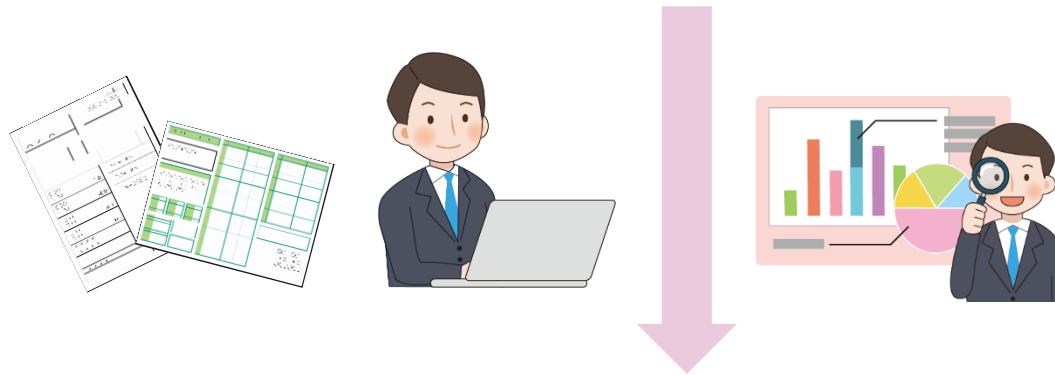
- Since 1996 when most health insurance claims were printed in papers, we have been enforcing our technology and solving encountered challenges. In the process of technical development we have obtained patented know-how and technology for analysis of the claim data. We have been providing products and services to clients with a high degree of accuracy.

- Facing problems of rising medical expenses due to early emerging super-aged society and advancing medical technology, the demand for our products and

Summary

After all, what does Data Horizon do?

We analyze the health insurance claim data and medical checkup data received from the insurer, identify the insurer's problems and provide support to resolve those problems.



Optimizing Japan's Medical Expenses
Contributing to promote quality-of-life of the people



- Job Title : IT engineer
- Required experience : program development
data processing
- Required Capabilities : This job requires fluency in Japanese
- Basic salary : 193,000yen, bonus will be paid separately.
- Holidays and vacations : 2 days off per week
- Locations : Hiroshima-city