

Toyama Prefecture New Business Establishment Guide





Hachiro Nitta,
Governor of
Toyama Prefecture

Welcome Message

Toyama Prefecture, with its beautiful and rich nature, diverse history and culture, a tradition of craftsmanship and world-class technology, abundant water and low-cost energy, and the Sea of Japan coast's foremost collection of industrial manufacturers, has many excellent features within Japan and abroad that it can be proud of.

In addition, Toyama Prefecture is located in the heart of the Sea of Japan coast, connects to Tokyo via an approximately 2-hour ride on the Hokuriku Shinkansen, and has the comprehensive base port of Fushiki-Toyama Port, the Toyama Kito Airport with regular international routes, and a highway network extending to the three major metropolitan areas. This makes it "the crossroads of Hokuriku" that connects to various prefectures, regions, and the world in all directions through its network of land, sea, and air transportation and logistics infrastructure. New section of the Hokuriku Shinkansen Line between Kanazawa Station and Tsuruga Station is scheduled to open on March 16, 2024 and the subsequent extension of its service to Osaka Station, resulting in full operations of the Hokuriku Shinkansen Line, will increase this advantage even further.

In addition to preparing a system in which business locations are fully supported, our prefecture has developed an environment that encourages creating new industries and strengthening industrial competitiveness, such as facilities and systems supporting the development of technological advancements and human resources, and entry into new fields, as well as a system of collaboration between industry, academia, and the government.

We believe that within this industrial base, Toyama is fully equipped with all conditions necessary for business locations.

Currently as the social and economic environment is changing rapidly and significantly, we are living in an era where the future is uncertain and unpredictable.

We believe that aiming to boost a sense of "well-being" will vitalize the economy and society and lead to further growth in the coming era.

Our prefecture has set this as a pillar of its growth strategy, and the public and private sectors will work as "one team" on various policies such as industrial and human resource development, etc.

By attracting a variety of human resources to such Toyama, we are striving for the realization of "the spearheading well-being region, Toyama with interacting population of ten million people".

We would be very happy if we could forge Toyama's new future together with you.

We are sincerely looking forward to your choosing and establishing a location in Toyama.

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Few Earthquakes and Tsunamis

There are very few typhoons, earthquakes and tsunamis, so it is suitable for avoiding risk.

Number of earthquakes in the last 30 years (1993~2022)

Intensity 3 or higher: 32 times

Intensity 4 or higher: 6 times

(Least number of earthquakes in Japan)

(statistics by Japan Meteorological Agency)

Earthquakes that affected Toyama Prefecture (Earthquake Research Promotion Headquarters)

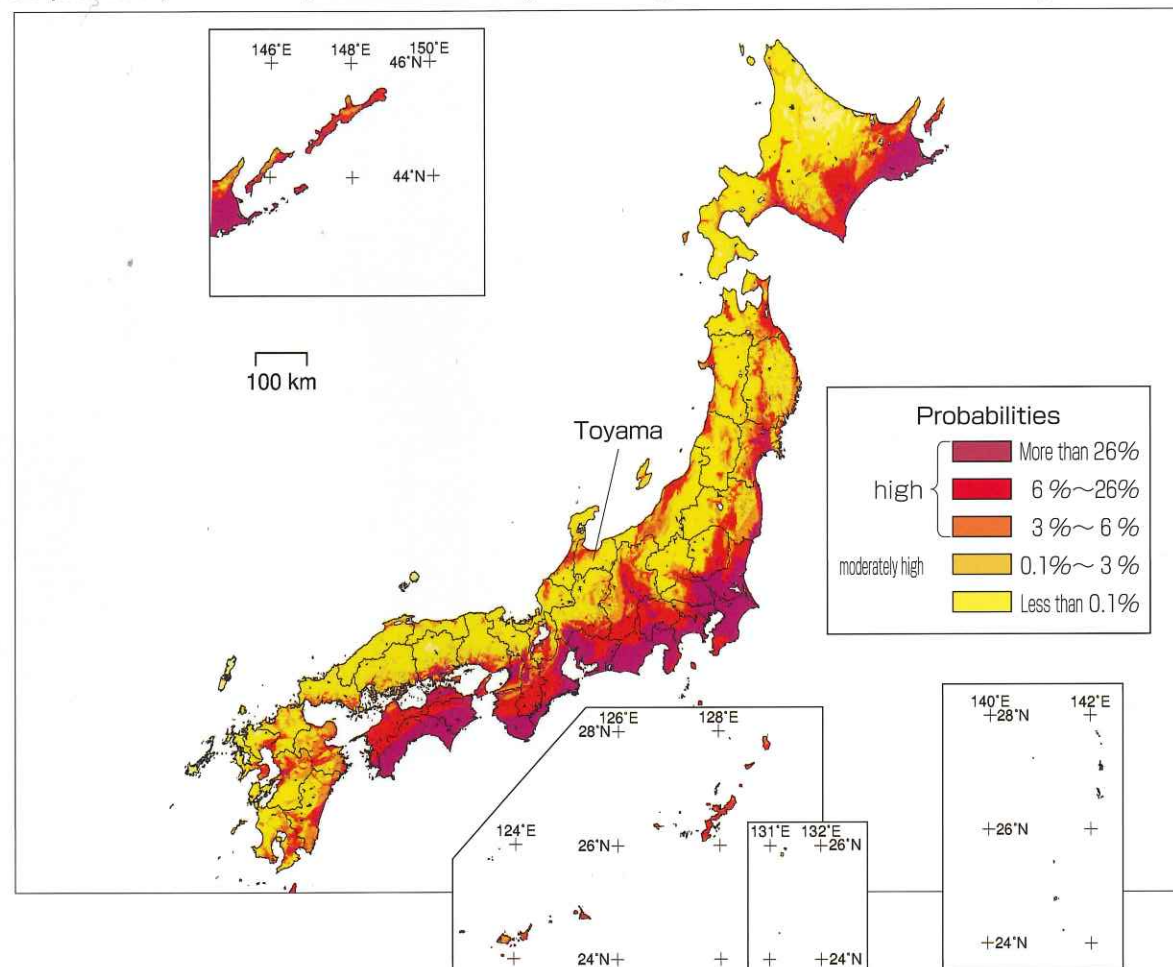
863... Etchu/Echigo... Main damage: Landfalls/Landslides

1586... Kinai, Tokai, Higashiyama, Hokurikuyodo... Main damage: Destroyed Kifune Castle

1858... Hida, Etchu, Kaga, Echizen... Main damage: Destroyed 1612 houses, landslides

1891... Nono Earthquake... Main damage: 2 houses totally collapsed

Earthquakes probability with intensity 6 or higher with in the next 30 years



The Headquarters of Earthquake Research Promotion: Distribution map of probabilities of earthquakes with intensity 6 or higher (within the next 30 years) Reference date: 1st January 2020

There is only an estimated 5.2% probability of an earthquake of intensity level 6 or higher occurring in Toyama City, the capital of Toyama Prefecture, within the next 30 years.

Tsunamis that have occurred in the past in Toyama Prefecture

- There has **only been one recorded** event of **a tsunami over 1 meter in height** since 684. It was in 1833 and was between 1 to 2 meters high.
- There has been **no tsunami damage** caused by earthquake since Japan began observing tsunamis in 1963.

June 1964 Niigata Earthquake M7.5... about 61cm

May 1983 Central Japan Sea Earthquake M7.7... 20cm

July 1993 Hokkaido Southeast Coast Earthquake M7.8... 11cm

March 2007 Noto Hanto Earthquake M6.9... 6 cm

July 2007 Niigataken Chuetsu-oki Earthquake M6.8... 5 cm

March 2011 the Pacific coast of Tohoku Earthquake M9.0... 9 cm

Although there are very few earthquakes and tsunamis in Toyama, we have been working on disaster prevention and mitigation measures such as conducting earthquake damage estimation surveys and tsunami simulation surveys as well as making public facilities earthquake resistant.

Few typhoons

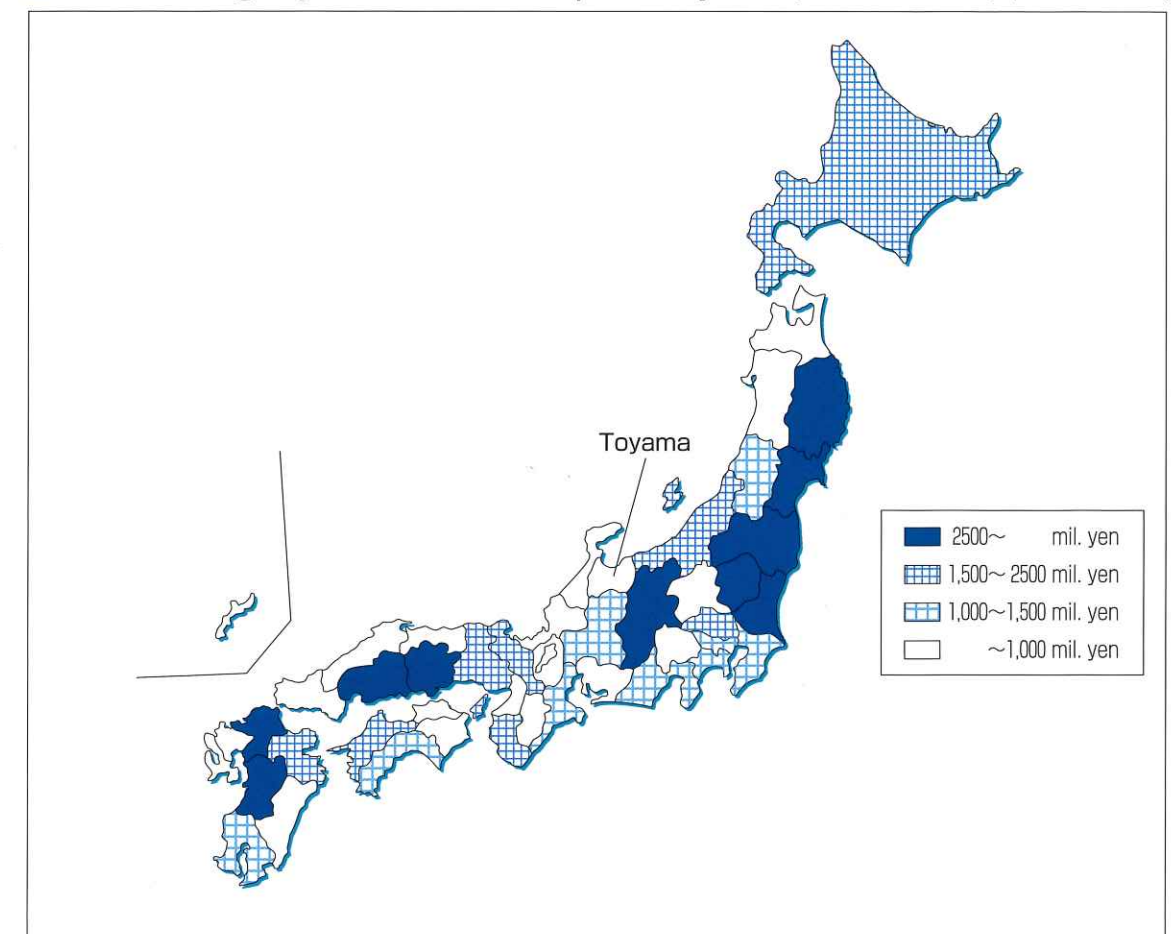


Toyama Prefecture is located in an area that is less likely to be affected by typhoons.

In 2016, six typhoons (the 2nd most in history) including typhoon no. 10 that caused great damage to Hokkaido and Tohoku swept across Japan. These typhoons caused major damage to various places in the country but there was very little damage in Toyama Prefecture.

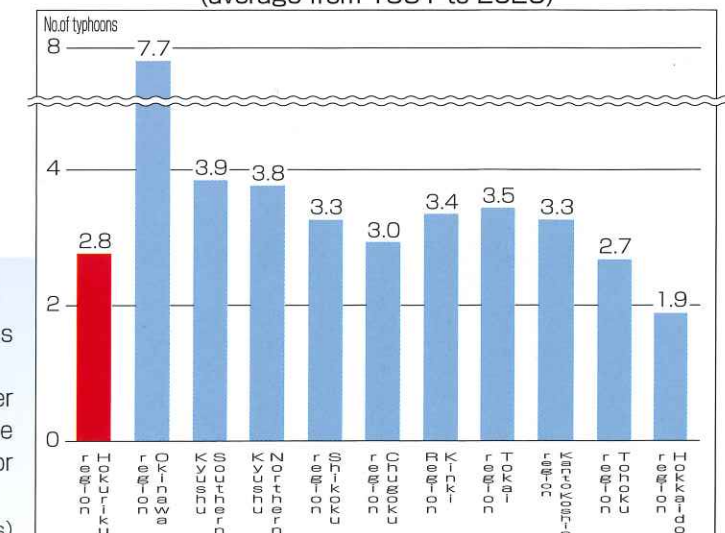
floodwater control, sand erosion control, and forest management for the creation of a disaster-proof prefecture.

Water Damage by Prefecture in the past 10 years (2011~2020) (Price as of 2015)



Source: Ministry of Land, Infrastructure, Transport and Tourism, Statistics of Floodwater Damage

Normal value of the number of approaching typhoons (average from 1991 to 2020)



Number of typhoons approaching the Hokuriku region*

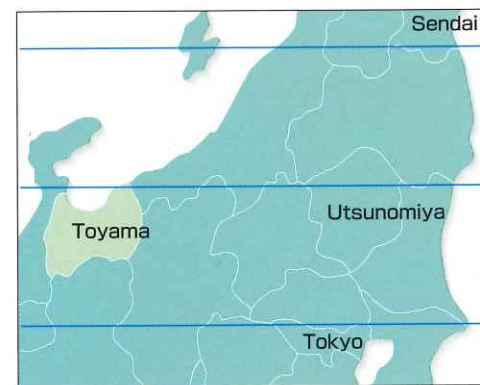
The Hokuriku region is a region where the number of typhoons approaching is very small.

*What is the number of typhoons approaching? The number of typhoons whose center is within 300 km from any of the meteorological offices in each region, regardless of whether or not the typhoon has landed.

(Japan Meteorological Agency: Typhoon Statistics)

Little Snow

Toyama often has the reputation that winter binds the prefecture in snow. However, Toyama is located on the same latitude as the Northern Kanto region. Compared to the Tohoku region, it is located in the south, and is relatively warm in the winter. Moreover, the amount of snowfall is decreasing year by year.



City of Toyama in Winter
(Taken in December 2023)

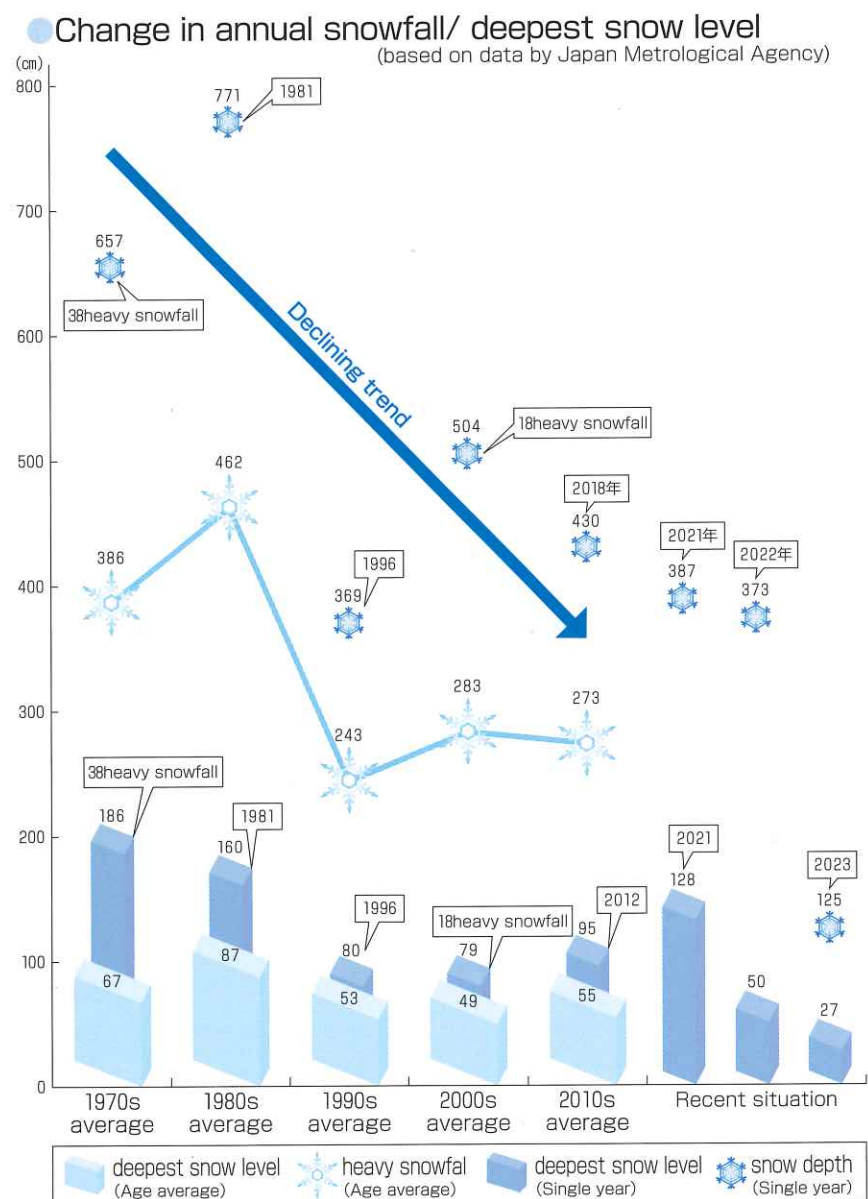
There are quite a few years in which one can play golf in January on the plains.



View of the Tateyama Mountain Range from City of Toyama



In front of Toyama Station



To a more snow-resistant Toyama

In 2021, Toyama Local Meteorological Observatory recorded a snowfall exceeding 100 centimeters for the first time in 35 years. Toyama Prefecture so far has been taking countermeasures against snow damages by improving the systems of snow removal from the streets and installing snow-melting pipes.

Preparing for such disaster-level heavy snowfall as in that year, we have further strengthened the snow clearance systems by boost-ing our information dissemination capabilities toward prefectural residents, installing more cameras in the major intersections, and utilizing AI to grasp the traffic-jam conditions.



Flexible and agile snow removal

Good-quality and abundant water resources

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Toyama is blessed with high quality water, and eight of its water sources were designated among the 100 best waters and the 100 best "Heisei" waters in Japan by the Ministry of the Environment, which is the highest number in any single prefecture in Japan. The amount of rain and snow that fall annually in the Tateyama Mountain Range is over 5,000 mm, one of the highest in the world. It is a constant water resource benefiting people's lives and industry throughout the year.

Groundwater

The abundant supply of groundwater is used for many purposes, including factories.

Industrial Water

Toyama's high quality abundant supply of water is also used for industrial water.

- Since the water source is clean rivers and groundwater, we provide high-quality industrial water at a low price. Toyama Prefecture (Western part) 22 yen/m³, National average 28.71 yen / m³ (as of 1st April 2022) Simple average tariff comparison (excluding tax) of prefectural businesses (122 businesses) that use dams and surface water as water sources

- There is no concern over control of the water supply even during the dry season of summer.



Kurobe River delta with abundant groundwater (over 300,000 metric tons per day) and firm ground (N figure over 50)

Electricity

Toyama Prefecture and Hokuriku Electric Power Company have started a new electricity rate menu in order to contribute to creating the future of Toyama based on "the Comprehensive Partnership Agreement on Creating the Future of Toyama". Supply period: Up until March 31, 2025.



The sluice gate of Nakayama Dam



The penstock and the power plant building of the Onagatani No.3 Power Plant

Discount Support Menu

Toyama Future Investment Support Electricity	Toyama Migration Support Electricity
In order to achieve the goals of "Regional Revitalization and Spreading Attractiveness of Toyama Prefecture", we will supply electricity at a discount from the standard rate.	
Eligible business: Those businesses that 1. transfer the headquarters 2. upgrade the function of the headquarters 3.invest in equipment and 4. build new factories	Eligible household: Those households who move to Toyama, or make a UIJ turn to Toyama
Discount rate: Up to 300 yen (tax included) per 1kW for the increased consumption of electricity for one year	Discount rate: 5% from the electricity rate (1% in case of all - electric house) for one year

This device will hopefully promote the business location and migration of households.

CO₂ Free Menu

Toyama Water Village Electricity

Businesses in Toyama working on reduction of carbon dioxide emissions can be issued certificate that they are using electricity generated by Toyama Prefectural Hydroelectric Power Plant that is CO ₂ free.
Eligible business: The businesses in Toyama Prefecture that receive power at high voltage or higher.
As for emission factor: It is possible to certify that it is net zero emission.
Added unit price: 2.20 yen (tax included) per 1 kWh will be added to the electricity rate.

This leads to enhancing enterprise value through consideration for local environment, and local production for local consumption.

Asahi SOFT DRINKS Co., Ltd (Hokuriku Factory) President Mr. Taichi Yoneme Hokuriku Factory Manager Mr. Koji Morimoto

The Hokuriku Plant is located in the Kurobe River Alluvial Spring, which originates in the Northern Alps, and is focusing on wastewater treatment using biotechnology so that its famous water can be cleaned and be returned to its origin. Our product uses water from the "Top 100 Sources of Water" certified by the Ministry of Environment and so we believe that we offer our customers reliable and safe products.

We also support activities for healthy forestation that Toyama Prefecture has long worked on. And we have won "Water and Green Forest Award" this year, 2023. We will surely continue to offer good products in Toyama Prefecture with high-quality water and rich greenery.



Asahi Soft Drinks Co., Ltd. (Factory)

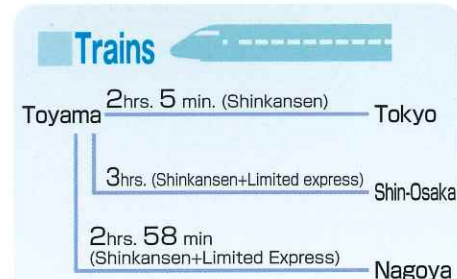
WOOKE Co., Ltd.

President Mr. Yoshifumi Hanabata

Since the start of operations in 2009, we use carefully selected rice such as "Koshihikari made in Toyama Prefecture" and the ultra-soft water of the "Kurobe River Alluvial Spring Water Group" which was selected as one of the 100 Selected Waters, we manufacture non-additives aseptic-packed rice. In addition, we are the first in the packaging rice industry to acquire the international certification standard "SQF Code" and enhance the quality control system to deliver delicious and safe products to everyone. With the expansion of the factory in April 2019, the production volume has increased, and we are strengthening sales not only in Japan but also overseas such as in Europe and Asia, and we will continue to promote "Koshihikari made in Toyama Prefecture" to the world.



WOOKE Co., Ltd. Toyama Nyuzen Factory



- *Lists the shortest time for that route.
- *The time has been calculated by the prefectural government based on data from the Ministry of Land, Infrastructure, Transport and Tourism.

Toyama 4hours 50 min. Tokyo
4hours 15 min. Osaka
3hours Nagoya

- Good Access to Major Cities



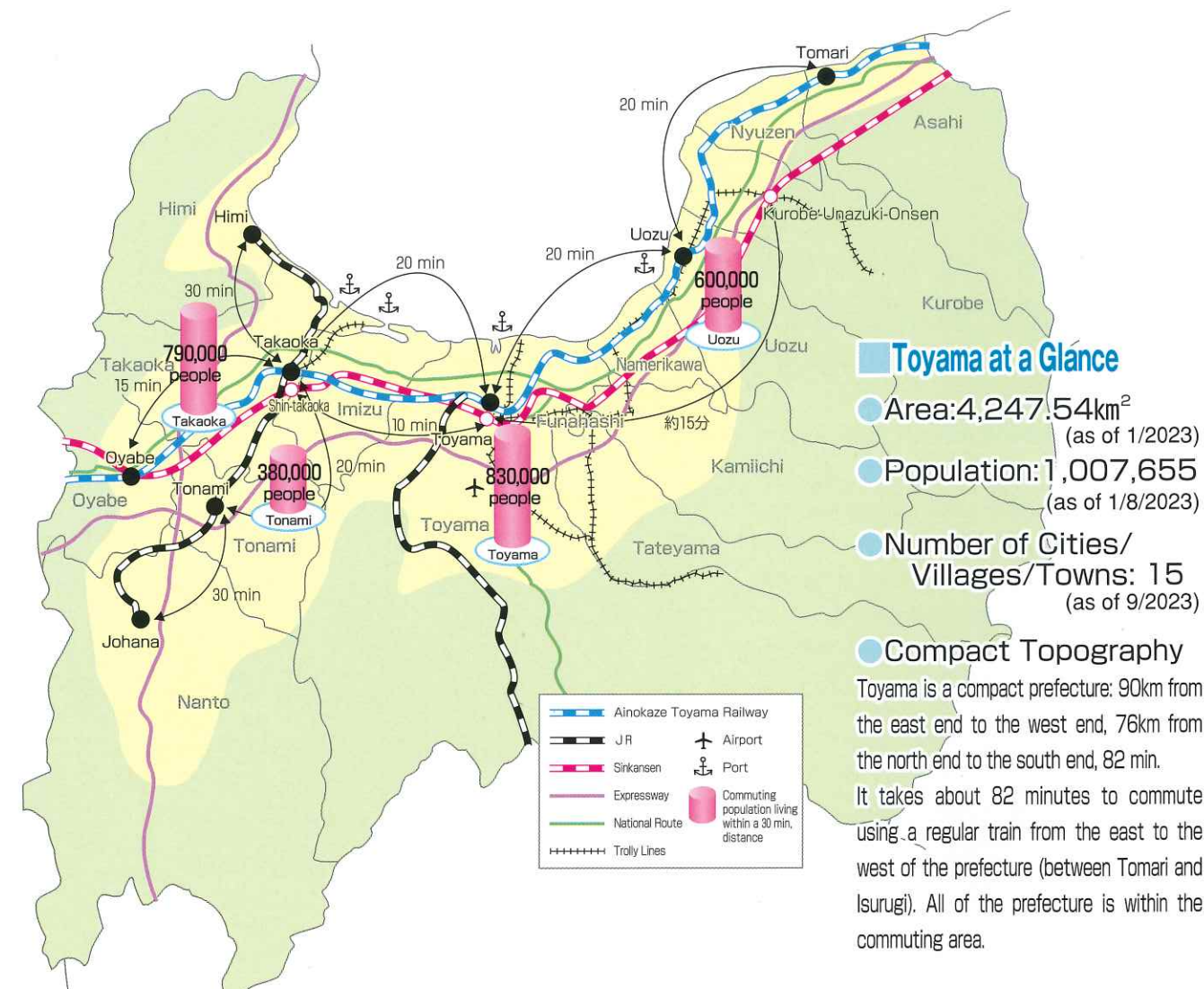
Domestic flights

Toyama Approximately 60min. (3 flights/day) Tokyo

90min. (1 flight / day) Sapporo

Toyama	2h and 15min (3 flights/week)	Dalian
	Out of service at present.	Seoul
	3hrs. (2 flights/week)	Shanghai
	3hrs. 5min (4 flights/week)	Taipei

Tokyo
Haneda Airport
approx 60min
Toyouma Kinokuni Airport
approx 15min
Toyouma city centre



*Eligible areas: Toyama, Takaoka, Imizu, Uozu, Himi, Namerikawa, Kurobe, Tonami, Oyabe, Nanto, Kamiichi, Nyuzen, Asahi

Gateway to the Japan Sea Region

The region surrounding the Sea of Japan makes up "the Northeast Exchange Area." Toyama, as the hub for the Northeast Exchange, has great airways/seaways to the opposite shore from Toyama Kitokito Airport and Fushiki-Toyama Port.

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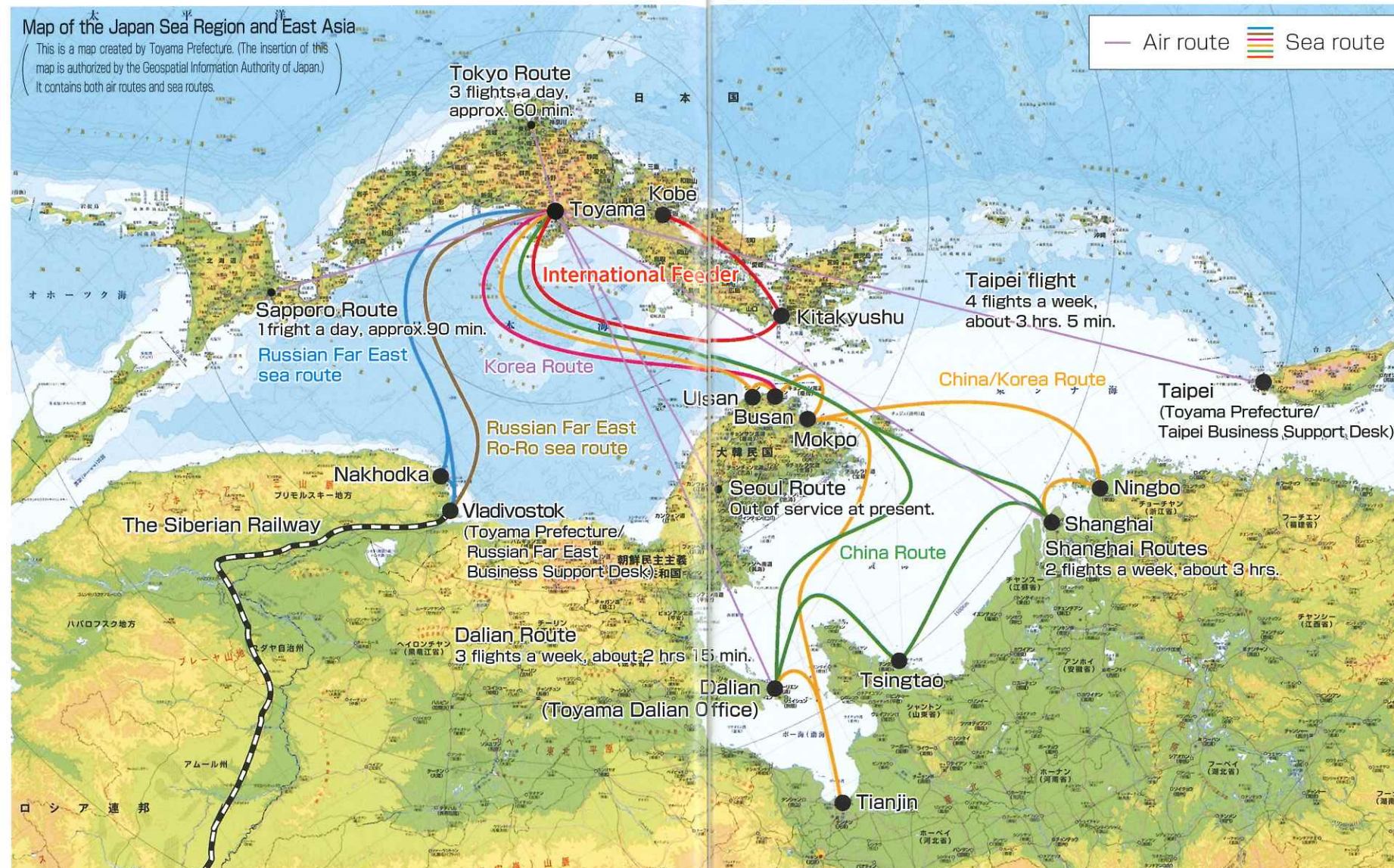
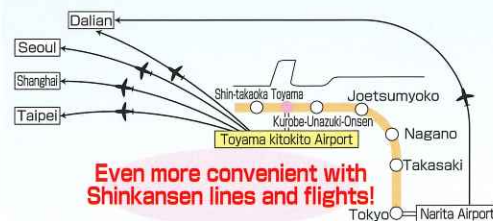


Toyama Kitokito Airport (Hida-Takayama)

As a locally managed airport, we take pride in managing and operating four top-class international regular routes which are the routes to Seoul Incheon International Airport, Dalian Zhoushuizi International Airport, Shanghai Pudong International Airport, and Taiwan Taoyuan International Airport.

Did you know?:

Toyama to the Northeast Asian countries
Located close to the centre of Toyama city (15 min. by car), if you are traveling from Joetsu area to the Northeast Asian countries such as China and Korea, it is much closer to use Toyama Airport via Toyama City than to use Narita International Airport via Tokyo.



<Airways>Regular International Routes: Operations to 4 cities Regular Domestic Routes: Services to 2 cities
International charter flights have been in service 20 flights in 2019 (22 flights in 2018, 25 flights in 2017) Due to the influence of the new coronavirus infection, etc., the service may be suspended.
<Seaways>Regular International Sea Routes: 6 routes (China, Korea, China/Korea, Russian Far East, International Feeder, Russian Far East RORO)
(Busan 5 vessels/ week, Ulsan 3 vessels/ week, Gwangyang 3 vessels/ week, Dalian 2 vessels/ week, Qingdao 2 vessels/ week, Shanghai 2 vessels/ week, Tianjin 2 vessels/ week, Ningbo 1 vessel/ week, Vladivostok 16 vessels/ month, Regular Service to Nakhodka - twice a month, Regular Service to Kobe - once a week, Regular Service to Kitakyushu - once a week) As of August 2023

16 services/month (2 container vessels/14 RORO vessels) making port calls which is the largest in Japan.

Toyama Logistics Strategy: promoting efficiency in logistics

We will promote economic globalization, active trades in Asia, and improve the function of Toyama as a logistics hub in the Japan Sea region.

We strongly support the business of shippers and logistics companies based in Toyama with our incentive systems for shipper companies and subsidies for logistics facilities.

Scheduled services to the Russian Far East

Fushiki Toyama Port is the only port on the Sea of Japan side that has a regular container route to the Russian Far East. It also has a regular RORO ship route to Vladivostok Port.



Fushiki-Toyama Port A Japan Sea Integrated Hub Port

"International hub port" Fushiki Toyama Port is a port that serves as a base for the international maritime freight transport network and is an international trading port that plays a central role in the Trans-Japan Sea exchange. In November 2011, it was selected by the national government as a "comprehensive base port" leading all other ports on the Sea of Japan side.

Well-developed Port Facilities
19 berths of large (public) quays with a depth of 10 m or more in the three districts of Shinminato, Fushiki, and Toyama

Shinminato Area Multi-purpose International Terminal (Container Terminal)

- Container yard of about 13 ha
- Gantry cranes, transfer cranes equipped
- Equipped with outlets for refrigerated containers to accommodate electronic parts, and food and pharmaceutical products that require refrigeration or freezing.

Fushiki-Area Multi-purpose International Terminal

- Large-size cranes that handle 500t cargo per hour

The rate of increase of the container handling capacity since the container terminal began its operations.

2002→2021
Fushiki-Toyama Port 1.94times (3.5%/year)
Japan 1.47times (2.0%/year)
• Growth rate above the national average

Shinminato Area: Strengthening the functions of the International Distribution Terminal

To respond to the increasing volume of containers handled and the increase in the size of vessels, we expanded the container yard and extended the quay. This will enable simultaneous berthing and simultaneous cargo handling of two 12,000-ton class container vessels. This allows quicker and more efficient cargo handling.

And we replaced an aging gantry crane and started the operation using a new one in September, 2023.



Established Business Support System in Each Region

In 2004, we established the "Toyama Prefecture Dalian Office" in Dalian City, Liaoning Province, China, as a base for making business exchanges with countries within the Sea of Japan region. We also aim to do various exchanges such as tourism, academic, and cultural exchanges.

In order to support global business expansion of the companies in Toyama Prefecture, we set up "Toyama-Far East Russia Business Support Desk" in Vladivostok, Russia in May, 2010, "Toyama-Bangkok Business Support Desk" in Bangkok, Thai in December, 2012, "Toyama-Taipei Business Support Desk" in Taipei, Taiwan in January, 2013, "Toyama-Ho Chi Minh Business Support Desk" in Ho Chi Minh, Vietnam in October, 2022, and "Toyama Desk" in Hanoi, Vietnam in July, 2023.

An Industrial Center on the Japan Sea

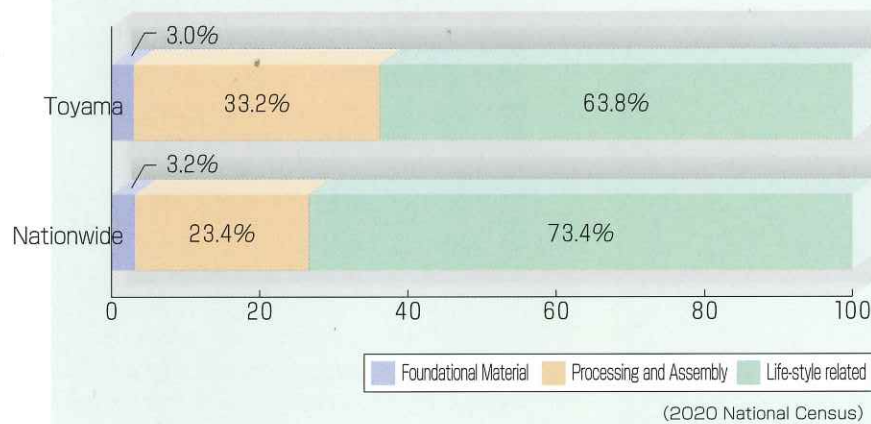
Since the Taisho Era, we have had chemical and spinning industries due to abundant water and low-cost electricity. After World War II, metal and machine industries gathered in Toyama, based on the National New Industry City Plan. In recent years, industries regarding electric parts, devices, and materials have been flourishing. The long-running companies started new business in electric industry material, while companies outside of Toyama have started new business in Toyama.

Today, Toyama is the #1 industrial center on the Japan Sea side.

Distinctive Characteristics of Industry in Toyama Prefecture

A prefecture that values manufacturing: Toyama

Toyama is very conscious about manufacturing. Processing and assembly type industries are at the forefront in Toyama, and one of the best in Japan, based on the ratio of employed workforce by industry



Number One Industrial Center on the Japan Sea Side

Shipment Value of Products per Person (2020)

Toyama 3.53 million yen
Nationwide 2.39 million yen

Added Value per Person (2020)

Toyama 1.25 million yen
Nationwide 0.77 million yen

※Value Added
=Production-(Materials + Depreciation+Domestic Consumer Tax)
Ministry of Economy Trade and Industry (METI): Economic Census (2020 results)
Ministry of Internal Affairs and Communications: Population Estimation (as of October 1, 2020)

List of High-tech Industries

- Industrial Robots
- Automobile bearing
- Watertight and airtight fasteners
- Valve gating parts for automobiles
- Solar Cell Wafer Slicing Equipment
- Water-jet Machining, Atomization Equipment
- Machine tools, machining centers
- Switching power supply for computers and other devices
- Super sized resin molding systems
- Electric coating, special surface treatment
- Relaxation robots
- High functional condenser
- Liquid crystal panel display parts
- Lithium-ion battery materials
- Biomass nanofibers
- Sensors for robot control
- Oxygen Supply Hose for Astronauts



A Number of "Only One" Companies

- High-speed Communication, High-function Smartphone parts (100% share in the world)
- Shock Sensors for personal computers (100% share in the world)
- Camera lens attachment / detachment part (90% share in the world)
- Ceramic filters and oscillators (75% share in the world)
- CMOS camera module (90% share in Japan)
- Laminated Resin Glass (70% share in Japan)
- Glass bending processing (70% share in Japan)
- Automatic packaging machine (film packaging) (70% share in the world)
- Pressure resistant hose (72% share in Japan)

Source: Hokuriku Economic Federation "Hokuriku's top 150 shares" and others

Toyama is a manufacturing prefecture that is strong in processing and assembly type industries. Such industrial concentration contributes to high residents income and the great living environment in Toyama.



Amount of money by industry, such as shipment value of manufactured goods

Top 5 Industries in Toyama Prefecture for Manufacturing Shipment Value

Rank	Industry	Value (hundred-million yen)
1st	Chemical Products	7,823
2nd	Production machines	4,574
3rd	Metal Products	4,027
4th	Nonferrous Metal Products	3,561
5th	Electric parts and devices	3,006
Total Shipment Value		36,518

Source: Ministry of Economy, Trade and Industry Economic Census (2020 results)

Marubeni Co., Ltd. Hokuriku Branch Manager Mr.Masahiro Uegaki

Toyama Prefecture is one of the leading industrial clusters on the Sea of Japan side and has many production bases for the manufacturing industry with high industrial strength, as well as an energy supply area with abundant natural resources.

After the Hokuriku Shinkansen Line is extended to Tsuruga in the spring of 2024, access to the Kansai District will be improved where subsequent expansion of business opportunities is expected.

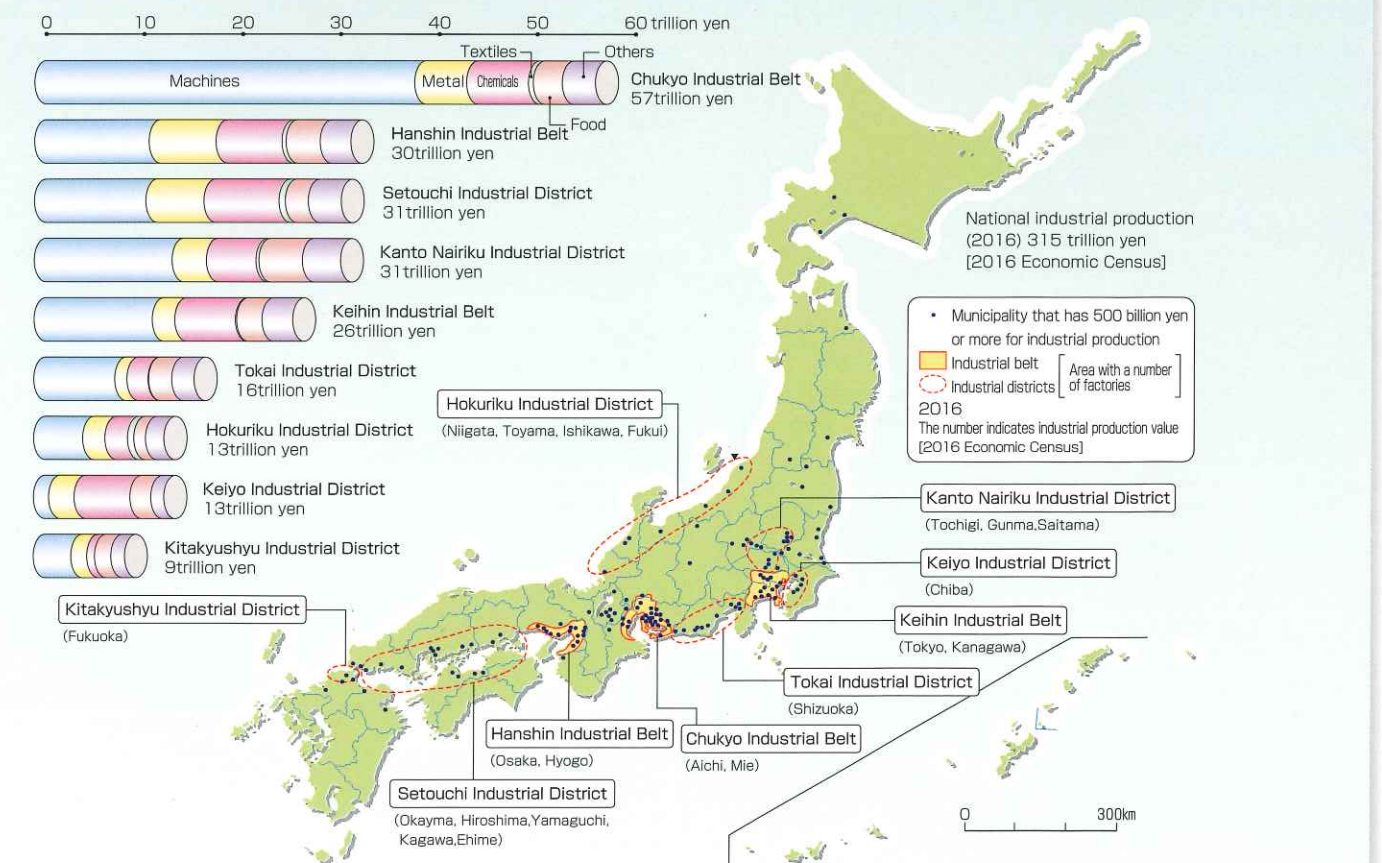
Utilizing domestic and overseas networks as a general trading company, while strengthening cooperation between group companies, we will promote the provision of useful services and the development of new businesses, and strive to contribute to the further development of Toyama Prefecture.



Marubeni Corporation (Tokyo Headquarters)

Do you know the industrial districts of Japan? (From a textbook for elementary school (Grade 5))

Toyama Prefecture is home to a wide range of manufacturing and has become the heart of the Hokuriku Industrial District. With the per capita value of manufactured shipments and the amount of value added in Toyama significantly exceeding the national average, it has become one of the most successful prefectures on the Japan Sea side in attracting industry.

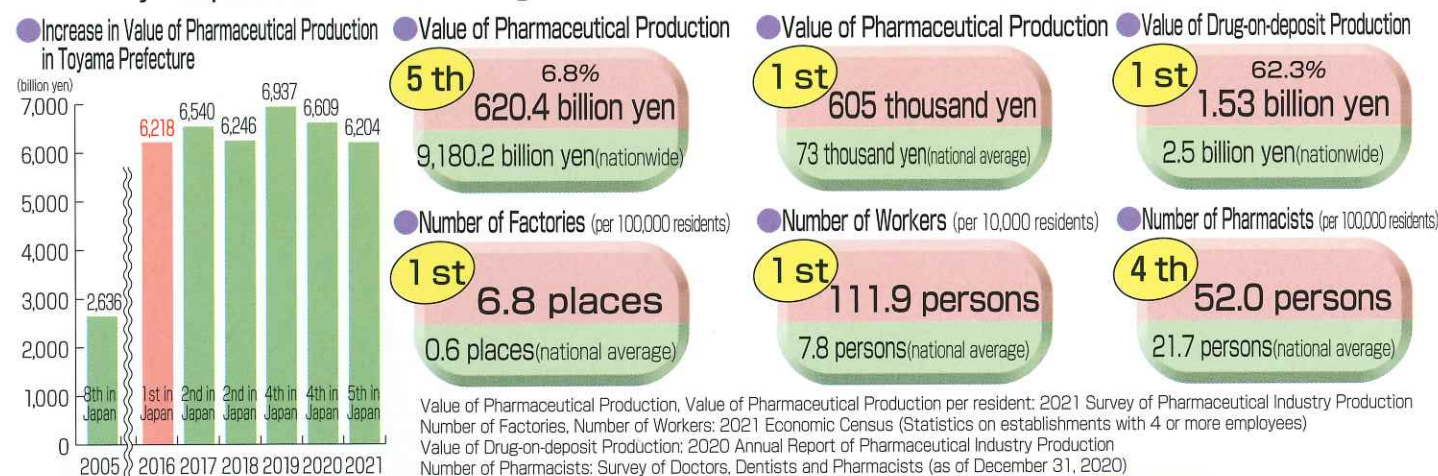


(Tokyo Shoseki Co., Ltd. 2020 edition: New Society 5)

Pharmaceutical Manufacturing Industries (Toyama, the Medicine Capital)

Medicine of Toyama: Ranked 1st in Pharmaceutical Production Value in Japan

Toyama Prefecture's pharmaceutical production value in 2021 was 620.4 billion yen. The value of drug production per population, the number of manufacturing sites, and the number of manufacturing employees are the highest in Japan. This is why this prefecture is known throughout the country as "Kusuri no Toyama" (Toyama, the Medicine Capital).



Toyama has a high reputation as a manufacturing base for pharmaceutical products

Around 80 manufacturers and over 100 factories for new drug development, generic medicine, general medicine, and drug-on-deposit are concentrated in Toyama Prefecture. They possess high technologies for the manufacturing of special medicine such as fomentation, ointment and eye lotion. Additionally, there are many related surrounding industries such as packaging containers, packaging, and printing, and **many storage facilities support GMPs for pharmaceuticals**. In the prefecture pharmaceutical industry, logistics is being streamlined through joint logistics projects.

"Pharmaceutical Valley TOYAMA" Creation Consortium

This consortium was established in June 2018 and was adopted in October of the same year by the national "Local Universities and Local Industries Creation Project". This consortium, in close collaboration with industry, academia and local government, and through developing human resources and R&D in the pharmaceutical field, is working toward promoting pharmaceutical industry in Toyama and producing specialized human resources who would carry on Toyama's medicinal tradition.



Yuskin Pharmaceutical Co., Ltd. (Toyama Factory)
Kazuyoshi Nowatari, President

Our company manufactures and sells pharmaceuticals, quasi-drugs, and cosmetics. To improve the sales, we had wanted to expand our factory in Yokohama but we decided that it was difficult so we relocated our factory to Toyama. The factory started full-scale operations in 2016. The decision to transfer functions to Toyama Prefecture was based on the low incidence of earthquakes, floods and other natural disasters, and the prefecture's active promotion of pharmaceutical industry businesses. With Yuskin Pharmaceutical Co., Ltd. (Toyama Factory) its long history of pharmaceutical manufacturing and sales, Toyama is the perfect environment for companies in the industry. The prefecture has excellent pharmaceutical material manufacturers as well as outstanding education and research institutions, which provides the infrastructure our business requires. In addition, because our headquarters are located in Kawasaki, Kanagawa, the new Hokuriku Shinkansen makes transport between Toyama and Kanagawa easier, making the transfer even more attractive. In February 2018, we relocated a distribution center from Kawasaki to the site of the Toyama Plant, consolidating all production and distribution bases in Toyama Prefecture. With Toyama as our production base, we will aim for further development in the future.

Active Pharma Co., Ltd. (Toyama Yatsuo Factory)
President Mr. Kazuhiko Terada

We develop, manufacture and sell drug substances. We are manufacturing drug substances at the Toyama Yatsuo Factory, which was built in the Toyama Yatsuo Core Complex in 2014. Toyama has traditionally had a close relationship with the pharmaceutical industry and has a large number of research institutes, including the Pharmaceutical Affairs Research and Development Center, which makes it very attractive. To take advantage of Toyama's favorable business environment, we set up a development center (research, quality control, quality assurance department) in the Toyama Yatsuo Plant and a new small-quantity synthesis building as well as expanding the raw material/product warehouse in May 2020 with the aim of accelerating R & D speed and tightening the quality control system. As a result, we have been able to build and maintain a system that can stably supply higher-quality drug substances. We will continue to march forward and strengthen our business foundation with Toyama as our production and development base, and aim to become a "special company" for our customers.

In Toyama, manufacturers of specialized agents, generic drugs, self-medication products, drug-on-deposit products, pharmaceutical ingredients as well as manufacturers that focus on new drug development, and related industries such as packages and package printing accumulate, which makes up "Toyama, the Medicine Capital"



Major pharmaceutical-related companies

Company Name	Location/Main	Products	Company Name	Location/Main	Products
Pharmaceutical product manufacturers					
ActivePharma Co., Ltd.	Toyama City	drug substances	Fuji Chemical Industry Co., Ltd.	Kamichi Town and Namerikawa City	Powders, drug substances, pharmaceutical additives
Astellas Pharma Inc.	Toyama City and Takaoka City	drug substances, pellets, injection solutions	Fuji Pharma Co., Ltd.	Toyama City	Injection agents
Alps Pharmaceutical Industry Co., Ltd.	Takaoka City	API (crude drug extract)	FUJIFILM Toyama Chemical Co., Ltd.	Toyama City	Antibiotic preparations, Chemotherapeutic agent
IKEDAMOHANDO CO., LTD.	Kamichi Town	Ointments, Creams	FUJIYAKUHIN Co., Ltd.	Toyama City	Injection agents
Otsuka Pharmaceutical Factory, Inc.	Imizu city	Intravenous solutions	Vessel Co., Ltd.	Tateyama City	In-vitro diagnostic drugs, medical devices
KATAYAMA SEIYAKUSYO Co., Ltd.	Toyama City	drug substances, intermediates	Maeda Pharmaceutical Industry Co., Ltd.	Toyama City and Tateyama Town	Drycoat tablets, multilayer tablets, extended preparations, liquid preparations, hybrid types
Kitanihon Pharmaceutical Co., Ltd.	Kamichi Town	TCM products (traditional Chinese medicine)	Meiji Yakuhin Co., Ltd.	Toyama City	Internal solid preparations, liquid preparations
KYUKYU PHARMACEUTICAL CO., LTD.	Imizu city	Pharmaceutical oral film products	Yuskin Pharmaceutical Co., Ltd.	Toyama City	Creams, liquid preparation
KYOWA PHARMA CHEMICAL CO., LTD.	Takaoka City	drug substances, intermediates, Extracorporeal diagnostic agents	Yoshindo Inc.	Toyama City	drug substances, Production from drug substance to pharmaceutical products
KYORIN Pharmaceutical Facilities Co., Ltd.	Nanto City	Pharmaceutical eye -drops	LEAD CHEMICAL Co., Ltd.	Toyama City and Kamichi Town	Self-medication products
Kracie Holdings, Ltd.	Takaoka City	TCM products (traditional Chinese medicine)	Other Pharmaceutical-Related Companies		
Kokando Co., Ltd.	Toyama City and Namerikawa City	Household drugs, OTC drugs	IZAK CO., LTD.	Uozu City/Namerikawa City and Toyama City	Paper boxes/ cardboard boxes
Kongo Chemical Co., Ltd.	Toyama City	drug substances, intermediate	ASAHI PRINTING CO., LTD.	Toyama City	Packages/cases
SANYO CHEMICAL LABORATORY CO., LTD.	Toyama City	drug substances, intermediate	AMNOS Co., Ltd.	Asahi Town	Hyper-dry amnion
CMIC CMO Co., Ltd.	Imizu city	Ointments, gel drugs, liquid drugs for external use, suppository, dentifrice	IWAKURO Mfg. CO., LTD.	Imizu city	Pharmaceutical machines/ physical and chemical machinery and appliances
JAPAN MEDIC Co., Ltd.	Toyama City	Ointments, liquid preparations	KITANO Co., Ltd.	Toyama City	Packages
JUZEN CHEMICAL CORPORATION	Toyama City	drug substances, intermediate	KUROKAWA Corporation.	Toyama City	Pharmaceutical machines/ physical and chemical machinery and appliances
Daiichi Yakuhin Kogyo Co., Ltd.	Toyama City	Tablets, granules, capsules	Kobayashi Pharmaceutical Plax Co., Ltd.	Toyama City	Packages for medicine/ cosmetics
taikyo pharmaceutical co., ltd.	Toyama City	Adhesive skin patches, drug-on-deposit products	SAITO SEISAKUSHO CO., LTD.	Toyama City	Packages
Daito Pharmaceutical Co., Ltd.	Toyama City	drug substances, OTC drugs, Production from drug substance to pharmaceutical products	sakura-paxx Co., Ltd.	Toyama City	Paper boxes/ cardboard boxes
DAIWA Pharmaceutical Co., Ltd.	Toyama City	Liquid preparations, creams	SHIOTANI GLASS CO., LTD.	Tonami City	Packages
Tateyamakasei Co., Ltd.	Imizu city	drug substances, intermediate	Shohoku Laminar Co., Ltd.	Toyama City	Packages/cases
Tateyama Pharmaceutical Factory Co., Ltd.	Tateyama Town	Pharmaceuticals (External use)	Shirouma Science Co., Ltd.	Nyuzen Town	Containers for medical supply, Medical instrument
Teika Pharmaceutical Co., Ltd.	Toyama City	Eye-drops, adhesive skin patches, ointments, liquid preparations	Zeon Medical Inc.	Takaoka City	Medical instruments
TOA Pharmaceuticals Co., Ltd.	Toyama City	Transcatheter, transpulmonary DPI drug, Drugs for general use	Taiyopackage Inc.	Toyama City and Tateyama Town	Packages/cases
Tosoh AIA, Inc.	Toyama City	Extracorporeal diagnostic agents	TAKEUCHI PRESS INDUSTRIES CO., LTD.	Toyama City and Namerikawa City	Packages
Toyama Kobayashi Pharmaceutical Co., Ltd.	Toyama City	Self-medication products	TOYAMA SUGAKI Co., Ltd.	Toyama City and Tateyama City	Packages/cases
Toyamagumi Pharmaceutical Co., Ltd.	Toyama City	Drugs for general use	TOYAMA YOSEIYA Co., Ltd.	Toyama City	Packages
Nichi-ko Pharmaceutical Co., Ltd.	Toyama City and Namerikawa City	Ethical drugs, jelly preparations, sustained release preparations	Nippo CO., LTD.	Toyama City	Drug instructions
Nitto Medic Co., Ltd.	Toyama City	Eye -drops, eye ointment	Hanagata Corporation	Toyama City	Pharmaceutical machines/ physical and chemical machinery and appliances
NIPPON GENE CO., LTD.	Toyama City	Extracorporeal diagnostic agents	Hanshinkasei Co., Ltd.	Toyama City	Packages
Nihon Medi-Physics Co., Ltd.	Oyabe City	Radioisotope drugs for PET	Vessel Japan Co., Ltd.	Tateyama City	Chemical products container
PANAKEIA SEIYAKU Co., Ltd.	Takaoka City	Health drinks	Hokuriku Mori Shigyo Co., Ltd.	Oyabe City	Paper boxes/ cardboard boxes
Pharmapack Co., Ltd.	Toyama City	Eye drops, liquids for external use	Hoshina Corporation.	Namerikawa City and Toyama City and Takaoka City	Paper boxes/ cardboard boxes
			MORISEIKO CO., LTD.	Takaoka City	Medical Equipment/ Electronic Devices

(listed in Japanese alphabetical order.)

FUJIFILM Toyama Chemical Co., Ltd. (Toyama First Factory, Toyama Second Factory) Company President Mr. Mitsuhiro Sato

Our company has built a manufacturing plant of drug formulation, using our own drug delivery system technique of lipid nanoparticles and liposome that are also used for producing mRNA vaccine against COVID-19. We have decided to establish the manufacturing base in Toyama because 1. we can utilize our production know-how most effectively here, 2. Toyama has the only one institute for pharmaceutical research in Japan, 3. there is close collaboration between industry, academia and local government here, 4. Toyama Prefecture is actively working on promotion for pharmaceutical industry, 5. there are abundant peripheral industries centering on pharmaceutical manufacturers such as packaging containers and package printing industries, which make convenient and easy collaboration possible. We are determined to contribute to further development of medicine by supplying the formulations using our technologies, from Toyama to the whole world in order to help as many patients as possible.



Asahi Printing Co., Ltd. (Toyama Factory) President Mr. Shigenori Asahi

Our company was founded in 1872, and our main business is the manufacture and sale of pharmaceutical-related printing packaging materials (packages, package inserts, labels, etc.) and cosmetic packaging materials. We also offer total proposals for packaging machines and packaging lines that focus on "packaging." In the printing packaging materials for pharmaceuticals and cosmetics, we have expanded the business scale with continuous technological innovation such as building a quality assurance system for manufacturing high-quality printing packaging materials and developing special printing technology. Currently our company is top-class regarding domestic market share. Since a stable supply of printing packaging materials for pharmaceuticals related to human life is required, we have realized a stable supply system of products by taking advantage of the location situation in Toyama prefecture where there are few disasters such as earthquakes. We will continue to walk with "Toyama, the city of medicine" and contribute to the development of the local economy.



Astellas Pharma Inc. (Technology Centre, Factory)

Our company has two offices in the prefecture. Both offices are responsible for manufacturing global prescription pharmaceuticals. They do not only manufacture products for Japan but also manufacture and ship many products for the overseas market. One of the offices is the "Toyama Technology Center" and it is a Bio-Lead base for the Astellas Group. In addition to functioning as a conventional factory, it also functions as a place for technology research. The biopharmaceutical building completed in 2019 manufactures drug substances for antibody drugs. Toyama is an ideal place for medicine manufacturers and strong support can be felt through industry-government-academia collaboration.

President Mr. Koji Nagao

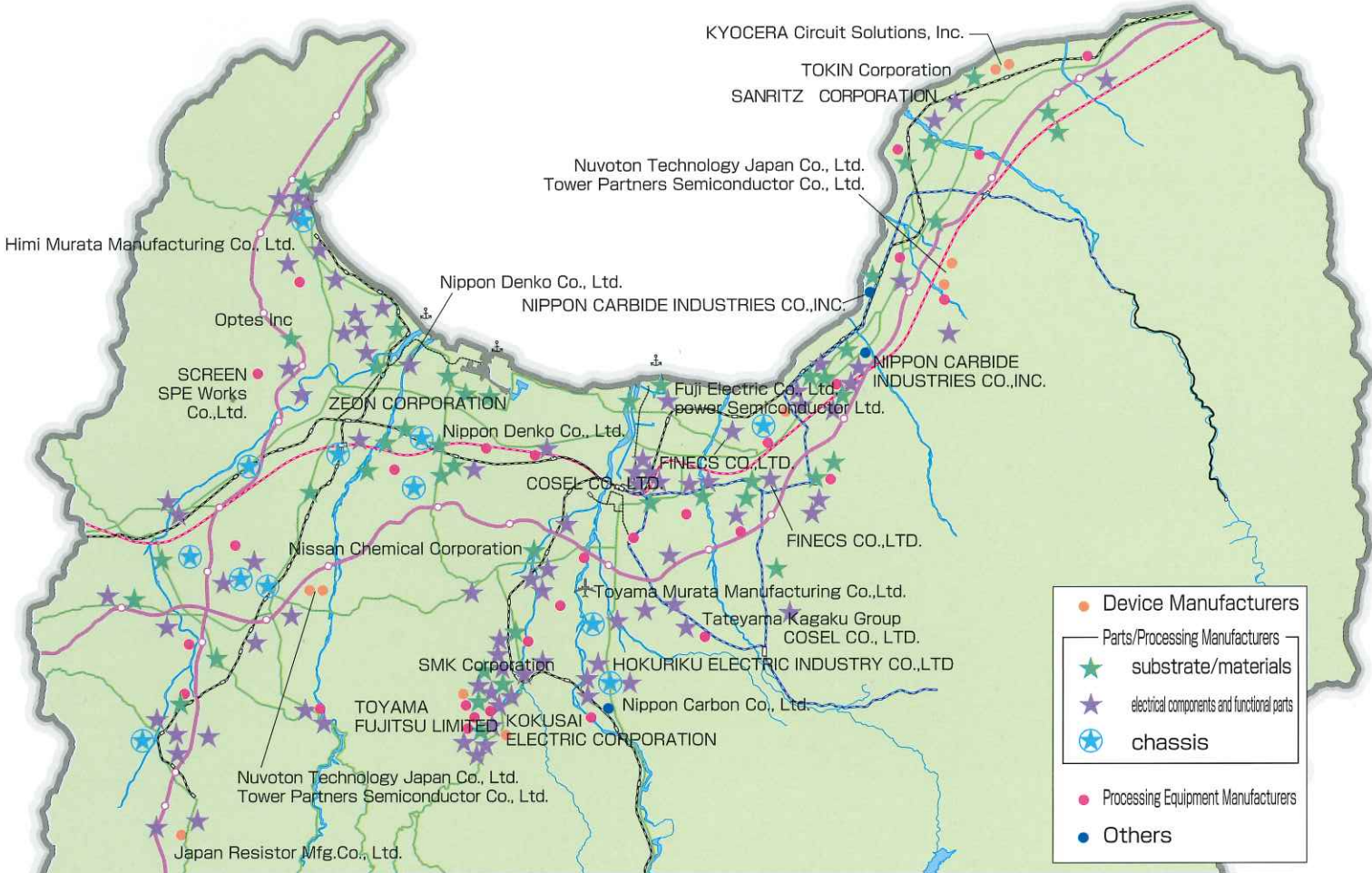


Technology Center (Toyama City) (Top)
 Takaoka Factory (Bottom)

Clusters of Electronic Device Industries

Toyama has a number of conditions which device manufacturers such as semiconductor manufacturers favor, such as high quality and abundant water, few natural disasters, and transportation accessibility. For IT-related manufacturers, there are many industry parts manufacturers whose products such as substrates, materials, electrical components and functional parts are used in products sold globally. We have a solid platform of parts supply and parts processing for device manufacturers.

A similar trend of forming "Electric Device Route" can be seen mainly in Toyama Prefecture alongside Niigata Prefecture, Ishikawa Prefecture, and Fukui prefecture.



ZEON Corporation (Factory, Research laboratory) Tetsuya Toyoshima, President
The Takaoka Plant and Himifutagami Plant of our company based in Toyama Prefecture have grown into major manufacturing bases producing high value-added products that represent our company such as optical film, special synthetic rubber, highly functional resin, semiconductor related products, medical equipment etc.
"ZEONOR FILM" which is the crystal of our hard work and our company original technology is now an indispensable product for optical displays such as TVs and smartphones as a global brand from Toyama. Under the motto of "Association with the people of Toyama", the ZEON Group will continue to contribute to the revitalization of local communities in Toyama.



Optical film "ZEONOR FILM"

Tower Partners Semiconductor Co., Ltd. [TPSCo] President Mr. Keiji Jono
Founded in 2014, Tower Partners Semiconductor has manufactured more than 850 million automotive IC chips in Uozu City for 40 years and Tonami City for 30 years since its predecessor era, Panasonic. We deliver assembly, inspection, and design services centered on wafer processes to domestic and overseas customers. In addition to in-vehicle products, our products are used in a wide variety of fields such as mobile devices, high-end cameras, and industrial devices. Toyama, with its solid ground with few natural disasters, abundant water resources, and good access to the Tokyo metropolitan area is an ideal environment for manufacturing. I genuinely believe that the reliable and sincere nature of Toyama people is indispensable for manufacturing high-quality semiconductor. I feel that it is a treasure trove of excellent human resources. We will continue to make efforts for the development of Toyama to play a part as a leading company in Toyama Prefecture.



Tower Partners Semiconductor Co., Ltd. [TPSCo]

IT industry leads innovation and frontier industry.
The integration forms "Electronic Device Road" with Toyama Prefecture as its center.



Main Electronic Device Industry-related companies

Corporation name	Location	Major products	Corporation name	Location	Major products
Electronic component / semiconductor / device manufacturer			Kokusai Electric Semiconductor Service Inc.	Toyama City and Kamiichi Town	Semiconductor manufacturing equipment and packaged devices for ultrasonic cleaners, etc.
AIZAWA MACHINING Co., Ltd.	Kurobe City	Precision component for LCD and semiconductor equipment	Sansho Giken Co., Ltd.	Toyama City and Kamiichi Town	Magnesium alloy parts for consumer electronics and automobile
ASAHI ELECTRONICS CO., LTD.	Asahi Town	Chip resistor	SANRITZ CORPORATION	Nyuzen Town	Plastic polarizing panel
SMK Corporation	Toyama City	Mechanism element for electronic equipment	Shikino High-tech Co., Ltd.	Uozu City	LSI design and semiconductor testing
TOKIN Corporation	Nyuzen Town	Devices for electrical machinery	Shikino Electroplating Corporation	Imizu City	Plating for semiconductor component
FCM CO., Ltd.	Toyama City	Electronic components and semiconductor components	Nippon Denko Co., Ltd.	Imizu City and Takaoka City	Materials for lithium ion battery, Alloy iron
KALVAon Co., Ltd.	Kurobe City and Nyuzen Town	Precision component for semiconductor equipment, vacuum device	SCREEN SPE Works Co., Ltd.	Takaoka City	Semiconductor manufacturing equipment
KYOCERA Circuit Solutions, Inc.	Nyuzen Town	Build-up substrates	Pacific Rundum Co., Ltd.	Toyama City	Grinding and abrasive materials, and high-purity ceramic products
COSEL CO., LTD.	Toyama City and Tateyama Town	Direct current stabilized power source equipment	TAKANO PRECISION INDUSTRY CO., LTD.	Toyama City	Precision press component
Japan Torx Co., Ltd.	Toyama City	Press components and micro switches	TAKAMATSU Plating Co., Ltd.	Toyama City	Electroplating
SENDAN ELECTRONICS MFG. CO., LTD.	Tonami City and Nanto City	Various electronic components	Tateyama Denka Co., Ltd.	Takaoka City and Imizu City	Electroplating
Takano Giken Co., Ltd.	Toyama City	Electronic components, Mechanism element for electronic equipment	DENGENSHA MFG. CO., LTD.	Imizu City	Resistance welding equipment
Tateyama Kagaku Group	Toyama City	Chip resistor electronic equipment	Tosoh zeolm Co., Ltd.	Toyama City	Synthetic zeolite
TOYAMA GIKEN Co., Ltd.	Toyama City	Connectors, terminals and contact pins	TOYAMA FUJITSU LIMITED	Toyama City	Software
Sumitomo Electric Toyama Co., Ltd.	Imizu city	Aluminum wires and rods, and electronic lead wires	Nissan Chemical Corporation	Toyama City	Electronic materials, chemical products and industrial chemicals
Toyama Murata Manufacturing Co., Ltd.	Toyama City	Piezoelectric ceramics electronic components	NIPPON CARBIDE INDUSTRIES CO., INC.	Uozu City and Namerikawa City	Functional products, electronic/optical products
Japan Resistor Mfg. Co., Ltd.	Nanto City	Hybrid ICs, electronic devices and resistors	ZEON CORPORATION	Takaoka City	Electronic materials, Optical materials, Synthetic rubber
Tower Partners Semiconductor Co., Ltd.	Uozu City and Tonami City	Semiconductor integrated circuits	Nippon Carbon Co., Ltd.	Toyama City	Artificial graphite electrode, lithium-ion battery material
Panasonic INDUSTRY Co., Ltd.	Tonami City	Semiconductor integrated circuits and capacitors for hybrid vehicles	Panasonic Ecology Systems Ventec co., Ltd.	Oyabe City	Motors for electrical appliances
Himi Murata Manufacturing Co., Ltd.	Himi City	Ceramic filter	KOKUSAI ELECTRIC CORPORATION	Toyama City	Semiconductor manufacturing equipment
FINECS CO., LTD.	Funahashi Village and Toyama City	Connectors and PGA pins	Hokuriku Electric Manufacturing Co., Ltd.	Namerikawa City	Transformer, Control panel
Fuji Electric Co., Ltd. power Semiconductor Ltd.	Namerikawa City	Various diode, Transistor	Hokuriku Orient Co., Ltd.	Toyama City	Wire harnesses, Control panel
HOKURIKU ELECTRIC INDUSTRY CO., LTD.	Toyama City and Tateyama Town	Sensor modules	Maxell Co., Ltd.	Toyama City	Lithium ion battery
HOKURIKU ELECTRONICS CO., LTD.	Toyama City	Components for connectors and variable resistors	Mitsubishi Chemical Corporation	Toyama City	Acrylic resin, Light guiding plate, Optical fiber
WACOH Corporation	Takaoka City	Tri-axial accelerometer	UNIZONE Co., Ltd.	Toyama City	Plating for electronic component and car component
Electronic material manufacturing and liquid crystal film manufacturing companies			Resonac Ceramics Corporation	Toyama City	Photocatalytic film materials and high-purity titanium oxide
KEC Corporation.	Toyama City	Switchboard, Control panel, Mechatronic machinery, Automatic system	RINKAGAKU KOGYO CO., LTD.	Imizu City	Inorganic phosphorus products

(listed in Japanese alphabetical order.)

Toyama Murata Manufacturing Co., Ltd. President Mr. Yoshihiro Nishida

In 2024, our company, having taken root in Toyama, will reach the 40th anniversary of its founding as one of the group businesses of Murata Manufacturing Co., Ltd. based in Kyoto. Blessed with Toyama Prefecture's comprehensive location: abundant water resources, electricity, convenient logistics and a good chance of hiring highly educated and talented personnel, about 2,000 employees design and produce electronic parts to be loaded into automobiles, household appliances, PC, AV equipment and smartphones. By further expansion of operation of "Manufacturing Human Resource Development Center" that we founded in Futagami, Takaoka in 2019, we will continue to contribute to the development of local economy, enhancing manufacturing capability, while responding flexibly to the rapid changing global electronic components industry.

Also we are determined to further contribute to Toyama Prefecture in various ways through efforts to realize a sustainable society related to RE 100 (international initiatives aiming to use 100% renewable energy for the electricity used in business activities) that the whole Murata group participated.



Toyama Murata Manufacturing Co., Ltd.

KOKUSAI ELECTRIC Corporation (Toyama Office) CEO President Mr. Fumiyuki Kanai

KOKUSAI ELECTRIC Group is a specialized manufacturer of semiconductor manufacturing equipment that is responsible for the evolution of semiconductors.

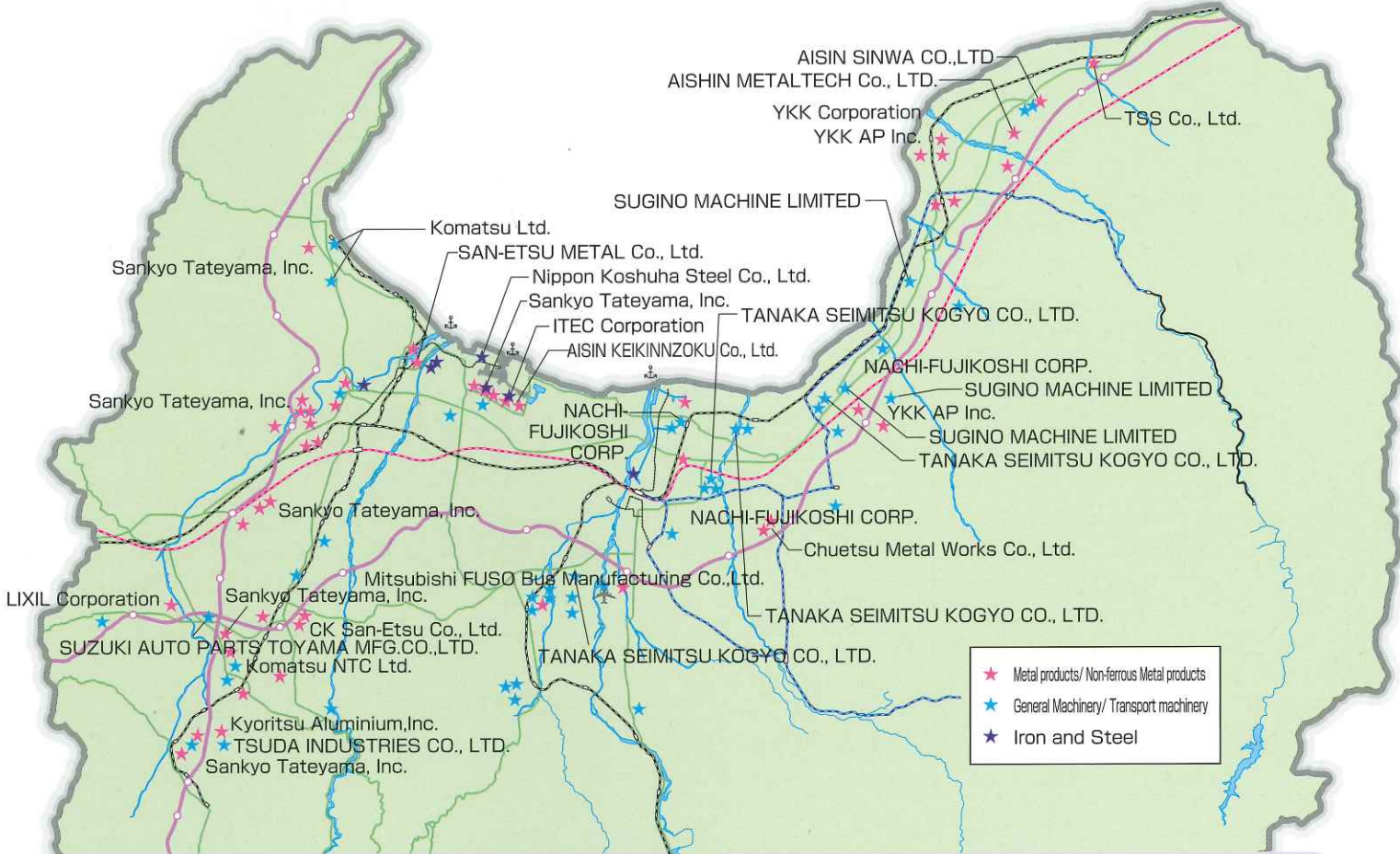
We receive a high evaluation from semiconductor device manufacturers of the whole world, developing business centered on processes of film formation and treatments (improving film quality) that is essential for making semiconductor devices. In addition to our main Toyama office, we are going to open Tonami Office (tentative name) in 2024 and try to respond to growing and diversifying needs, based on the trusted relationship with customers and partners. With our corporate slogan: "Creating a future through technology and dialogue", we will continue to try to realize a future where creation and innovation are born, from both sides of business activities and ESG: Environment, Society and Governance.



KOKUSAI ELECTRIC Co., Ltd. (Toyama Office)

Machine and Metal Industries

Accumulation of aluminum industry proceeds, taking advantage of copper/casting processing techniques which have been developed since the pre-War period. Toyama is Japan's best aluminum production region with a world-famous zipper manufacturer. There are many highly skilled machinery-related companies and excellent parts manufactures supporting the automobile industry, which form "Tokai-Hokuriku Machinery Road" that connects Toyama with machine -industry-oriented Chukyo-Tokai region.



Suzuki Motor Corporation (Factory)

Toshihiro Suzuki, Chairman & CEO

We founded Suzuki Auto Parts Toyama MFG. Co., Ltd. in Toyama Prefecture in 1988. Leveraging the strength of Toyama, a manufacturing prefecture, we are now producing precision engine parts of aluminum and iron, by an integrated manufacturing system from materials to painting, plating, processing, and assembly. By utilizing the accessibility and convenience of the Tokai-Hokuriku Expressway, we hope that the connection between the Chukyo and Tokai regions and Toyama Prefecture will become even stronger.



Suzuki Motor Corporation (Factory)

BBS Japan Co., Ltd.

President Mr. Hidetaka Kita

We developed the world's first aluminum wheel for automobiles using forging technology in 1983 and were the first company in the world to succeed in the mass production of forged aluminum wheels. Since then, we have made the world's first attempts such as developing racing wheels for forged magnesium F1 and manufacturing extra super duralumin wheels. With this unique forging technology, we deal with world-famous automobile manufacturers and provide wheels for major races. Wheels made here in Toyama are active all over the world. Since 2022 season we have been the exclusive supplier of BBS Forged Wheel to F1® and NASCAR®.(one-make supply) In the future, we would like to continue making wheels in the resource-rich land of Toyama and take on the challenges of seeking even higher heights. As a company rooted in Toyama, we would like to coexist with the local people, remember to contribute to society and be loved by the local people.



BBS Japan Co., Ltd.

Manufacturing tradition continuously engrained in the products, ranging from parts and materials with high-tech base technology to high quality, highly functional cutting-edge products.



Major Machine/Metal related Companies (listed in Japanese alphabetical order.)

Company Name	Location	Main Products
General Machinery/Transportation Machinery★		
AISIN KEIKINZOKU Co., Ltd.	Imizu city	Aluminum die-casting parts
ASAHI INDUSTRY Co., Ltd.	Toyama City and Namerikawa City	Engine transmission parts, bearing parts
Uogishi Seiki Interactive Corporation	Imizu city	Die-casting mold, aluminum wheel metal mold
NSK Toyama Co., Ltd.	Takaoka City and Toyama City	Bearing parts, etc.
Oyabe Seiki Co.,Ltd.	Oyabe City and Toyama City	Large automation equipment for automakers
Kawamura Sangyo-sho Inc	Toyama City	Large-sized bus panels, Cabin doors for architectural machines
Kitamura Machinery Co., Ltd.	Takaoka City	Machine tool, Machining Center, NC lathes
KOSHIN LTD.	Namerikawa City	Casting die, parts for 4WD automobiles, air-compressor
Komatsu NTC Ltd.	Nanto City	Transfer machines, complex machines
Komatsu Ltd.	Himi City	architectural industrial machine equipments
SUGINO MACHINE LIMITED	Uozu City and Namerikawa City	High-pressure water jet cleaning equipment, industry machinery
SUZUKI Industry Co., Ltd.	Oyabe City	Pressing die for automobiles
SUZUKI AUTO PARTS TOYAMA MFG.CO.,LTD.	Oyabe City	Auto parts, etc.
TANAKA SEIMITSU KOGYO CO., LTD.	Toyama City and Namerikawa City	Parts for motorbikes and autbiles
Chuetsu-Seiki Co.,Ltd.	Toyama City	Bearing parts
TSUDA INDUSTRIES CO., LTD.	Nanto City	Brake piping parts
TSUNE SEIKI CO.,LTD.	Toyama City and Nyuzen Town	Metal cutting machines
TSS Co., Ltd	Asahi Town and Nyuzen Town	Connector assembly machines
Tetsudo kiki Kaisha.,Ltd	Takaoka City	Railroad turnouts, expansion joints
Tenryu Industries Co.,Ltd	Toyama City	Bus seating, bus parts
Todo Industries Co.,Ltd	Namerikawa City	Shield boards
Nissin Industry Co., Ltd.	Toyama City	Grinding machines
HASEGAWA Factory Ltd.	Tonami City	Machine tools
NACHI-FUJIKOSHI CORP.	Toyama City and Namerikawa City	Precision industrial tools, bearings, industrial robots
HOKURIKU SEIKI CO., LTD.	Uozu City	Conveying equipments, Snow plows
MATSUMURA MOLD & PATTERN CO., LTD.	Takaoka City	Casting pattern, automobile die, die-casting mold
Mitsuoka Motor Co., Ltd.	Toyama City	Original cars
Mitsubishi FUSO Bus Manufacturing Co.,Ltd.	Toyama City	Bus
ROKI TECHNO CO.,LTD.	Kamiichi Town	Liquid cartridge filter for industrial use
Metal products/ Non-ferrous★		
AISIN SINWA CO.,LTD.	Nyuzen Town and Toyama City	Casting for automobiles, parts for casting products
AISHIN METALTECH Co., LTD.	Nyuzen Town	Casting products for automobiles
A. L. M. T. Corp.	Toyama City	tungsten, molybdenum
NIC Autotec.,Inc	Tateyama Town and Toyama city	Industrial aluminum frame
Otanikogyo Co. Ltd.	Imizu City	Metal parts for distribution and communication lines
Kawada Industries, Inc.	Nanto City	Bridge, steel beam, general construction
Kyoritsu Aluminium,Inc.	Nanto City	housing equipment, housing materials
SATO TEKKO CO.,LTD.	Tateyama Town and Imizu city	Bridge, steel beam, general construction
Sankyo Tateyama, Inc	Takaoka City, Imizu City, Himi City and Nanto City	Takaoka City, Imizu City, Himi City and Nanto City
Sankyo-Washimetal.,Inc.	Takaoka City	Aluminum wheel for automobiles, various bearing products
SAN-ETSU METALS Co.,Ltd.	Takaoka City, Tonami City	Brass lines, copper lines, precision parts
SUNCREATE Corporation	Nanto City	Aluminum casting products
CK METALS Ltd.	Takaoka City	Pipe joints, molten zinc plating
Chuetsu Metal Works Co., Ltd.	Tateyama Town	Machine tool
chuzen Inc.	Toyama City	Molds for aircraft
toyozenmai inc	Kurobe City	Various spring
Tonami Corporation Ltd.	Toyama City, Tonami City and Nanto City	Machine tool
Hayamizu Hatsujyo Co., Ltd.	Takaoka City	Various spring
Wärtsilä Japan Ltd	Toyama City	Stern tube seals and bearings
BBS Japan Co., Ltd.	Takaoka City, Oyabe City	Automobile aluminum wheels
Hokuriku Aluminium co.,Ltd.	Takaoka City	Aluminum cast products
Yamashita Co., Ltd.	Toyama City and Imizu city	Metal architectural products
YKK Corporation	Kurobe City	Zipers, precision machinery, equipments, casting
YKK AP Inc.	Kurobe City, Namerikawa City and Toyama City	Construction material products
LIXIL Corporation	Oyabe City	Aluminum building materials
Iron and Steel★		
ITEC CORPORATION	Imizu City	H-section steel, Pre-cut steel
OTANI STEEL CORPORATION	Imizu City	Steel bars for reinforced concrete
JFE Mineral Co.,Ltd	Imizu City	Alloy iron
PACIFIC STEEL MFG. CO., LTD.	Toyama City	Power plant parts
NIPPON KOSHUHA STEEL CO., LTD.	Imizu City	Specialized steel
Japan Metals & Chemicals Co., Ltd.	Takaoka City	Alloy iron Hydrogen storage alloys



NACHI-FUJIKOSHI CORP.



Sankyo Tateyama, Inc.

YKK Corporation Hiroaki Otani, President YKK AP Inc. Akira Uozu, President

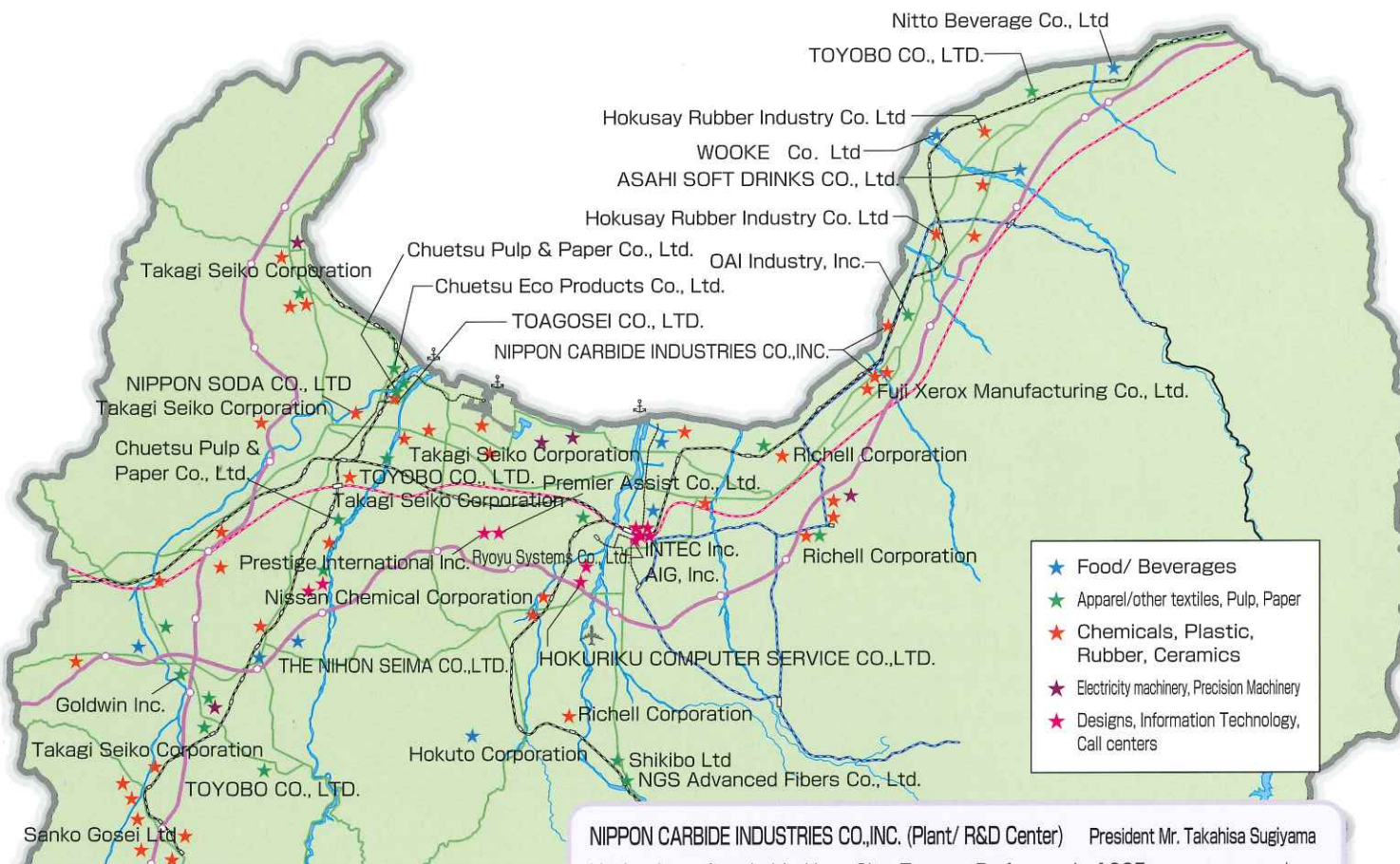
In addition to the production of fastening and architectural products, Toyama is the site of manufacturing of machinery, components and dies used in YKK Group factories around the globe. Located within the plant grounds, YKK Center Park was opened to the public in 2008. The park features an exhibition hall where children and adults alike can learn about YKK fasteners, windows, and the company founder, Tadao Yoshida. In April 2016, the "YKK R&D Center" was established in Kurobe City which is also known as the home to manufacturing and headquarters of technology. The YKK AP R&D Center has also been opened, consolidating research, development, verification, and testing functions in one place. We are improving our development ability to provide products that can meet the needs of a new age.



YKK AP R&D Center

Clusters of Food, Beverage, Fiber, Chemical and Electric Machinery Industries, Etc.

Taking advantage of its excellent location and attributes, such as a high quality workforce, abundant water and electric power source and the environment with few natural disasters, Toyama Prefecture has formed a well-balanced industrial structure with established companies that represent each sector of industry.



Chuetsu Pulp & Paper Co., Ltd. (Takaoka Headquarters / Factory)

President Mr. Hisashi Uematsu
Our company was founded in Takaoka City, Toyama Prefecture in 1947, and uses renewable resources such as wood to make paper. In 2021 we started "Medium-term Business Management 2025" in which we are changing over the existing industrial structure by, for example, installing a new machine to produce household paper products and are promoting environment investment/eco-business that utilizes forest resources. We are promoting Chuetsu Eco-products Project (manufacture and sales of new composite materials, i.e. powered paper mixed with more than 51% of synthetic resin) in order to contribute to reducing plastic waste, as well as accelerating a practical use of new material nanoforest® and R&D of high-functioning Cellulose Nano Fiber. We will send out advanced initiatives from Toyama and contribute to the formation of a recycling-oriented society that enables sustainable development with local governments, local businesses, and producers.



Chuetsu Pulp & Paper Co., Ltd.

NIPPON CARBIDE INDUSTRIES CO., INC. (Plant/ R&D Center)

President Mr. Takahisa Sugiyama
Having been founded in Uozu City, Toyama Prefecture in 1935, our company has been providing products and services centering on our core technology: resin polymerization technology, film sheet technology and calcination technology. There are R & D bases and production bases that form the core of our company in the prefecture, and many products that are needed by society and people are produced. Pursuing "A more convenient society" and "A safer and more secure society" for the future, we will continue to contribute to realizing a sustainable society by widely providing valuable products as a result of enhancing and integrating the technologies we have so far cultivated, based on customer needs.



NIPPON CARBIDE INDUSTRIES CO., INC.

Nissan Chemical Industries, Ltd. (Factory and Laboratory)

President Mr. Shinsuke Yagi
Since the establishment of our factory in 1928, we have been thriving together with Toyama Prefecture, with help such as the rich natural environment, diligent and persistent character of Toyama residents, well-developed transportation network and passion for industrial promotion. Currently, in addition to basic chemical products such as ammonia, nitric acid and sulfuric acid, we are aiming for even further rapid progress as a manufacturing hub of high value-added products in cutting edge fields including electronic materials as well as a base for research and development of semiconductor materials.



Nissan Chemical Corporation

A wide variety of industry structure and high technology in various fields makes up industry concentration with a very broad base

Toyama Prefecture
New Business
Establishment Guide



GOLDWIN INC.

President Mr. Takao Watanabe

In 1951, we founded "Tsuzawa Meriyasu", the predecessor of Goldwin, in Oyabe City, and have been working for 73 years. At the Toyama Main Store, which is the development base for Goldwin's product manufacturing, we manage everything from material development to processing, pattern design, sewing, and quality control with the cooperation of material manufacturers and production factories. In 2017, we opened a research and development facility, "Tech Lab," and are developing sportswear that makes full use of cutting-edge technology. Our company will promote sustainability of both "Business" and "Environment" for the future. The role of the Toyama main office is becoming more and more important in switching to environmentally friendly materials and promoting waste reduction of products and materials. We are opening "PLAY EARTH PARK NATURING FOREST" in 2026, where children can connect with nature and stimulate their imaginations among themselves. We are to start the project in Nanto City, Toyama Prefecture as the first base where people and culture coexist, surrounded by rich nature. We will contribute to revitalization of Toyama Prefecture by promoting collaboration with the prefecture and local people.



GOLDWIN INC.

Prestige International Co., Ltd.

Representative director Mr. Shinichi Tamagami

Premier Assist Co., Ltd.

Representative director Mr. Mikio Hashimoto

Group headquarters located in Tokyo, we are developing BPO business with the concept of "Solving end users' inconveniences and troubles". We have opened contact centers in 9 sites in regional cities of 5 prefectures. And here in Imizu City we established Toyama BPO Town with 1,000 seats in April, 2015, and in the adjoining site Toyama Training Field by Premier Assist Inc. in May, 2020. With a basic strategy of contributing to the society and offering diverse work styles in the region, we will try to create an environment where young people and women can continue working with dreams for a long time making use of an in-house nursery school and an in-house cafeteria. We will make an affluent local society by delivering services that only humans can provide. We will work on sustainability activities aiming at realizing "Returning the fruits to the local society" model, where we can also grow as the society develops.



Prestige International Inc. Toyama BPO Town



Premier Assist Toyama Training Field Co., Ltd.

Major Companies Located

(listed in Japanese alphabetical order.)

Company name	Location	Main products
Food/beverages★		
ASAHI SOFT DRINKS CO., Ltd.	Nyuzen Town	Soft drinks
Itoham Yonekyu foods Co., Ltd.	Oyabe City	Processed meat products
WOOKIE Co., Ltd.	Nyuzen Town	Sterilized packaged rice
SS Seifun Co., Ltd.	Kurobe City	Rice flour
DAIICHI FOODS CORPORATION	Toyama City	Bread
Tombow Beverage Co., Ltd.	Toyama City	Soft drinks, health drinks, food
Nitto Beverage Co., Ltd.	Asahi Town	Soft drinks
THE NIHON SEIMA CO., LTD.	Tonami City	Pasta, sauce
Hokuto Corporation	Toyama City	Mushrooms
Hokuriku COCA-COLA BOTTLING CO., LTD.	Takaoka City and Tonami City	Soft drinks
Fabrics/ Textile-related/ Pulp/ Paper★		
Atsumi Fashon Co., Ltd.	Himi City	Womens' underwear
NGS Advanced Fibers Co., Ltd.	Toyama City	Silicon Carbide Continuous Fiber
OAI Industry, Inc.	Uozu City	Womens' stockings/ tights
Kureha Apparel Co., Ltd.	Toyama City	sportswear sewing
Goldwin Inc.	Oyabe City	sportswear
Shikibo Ltd.	Toyama City	cotton blending yarn/ ester blended spinning
Chuetsu Pulp & Paper Co., Ltd.	Takaoka City	high quality paper
Chuetsu Eco Products Co., Ltd.	Takaoka City	MAPKA
TOYOBO CO., LTD.	Nanto City, Imizu City and Nyuzen Town	cotton blending yarn
TORAY TEXTILES INC.	Nanto City	tricot fabric
Hosokawa Textile Industry Inc.	Kamiichi Town	synthetic fabric
Yamaguchi Knit co., Ltd.	Toyama City and Oyabe City	Interior materials for vehicles
Chemicals/ Plastic/ Rubber/ Ceramics★		
Clariant Catalysts (Japan) K.K.	Toyama City	Various catalysts and related chemicals
Kuroda Kagaku Co., Ltd.	Nanto City, Tonami City and Oyabe City	OA equipment parts, Automotive parts
KOJIN CO., LTD.	Kamiichi Town	power module case
Sanshiba Glass Co., Ltd.	Takaoka City and Oyabe City	Tempered glass
Sanko Gosei Ltd.	Nanto City	Plastic products
Shinko Glass Industry Co., Ltd.	Tonami City	Bent, laminated, and insulated glazing glasses
TAIHEI CORP.	Nanto City	Plastic products
DIATEX Co., Ltd.	Kurobe City	Adhesive tape
Takagi Seiko Corporation	Takaoka City, Imizu City, Himi City and Nanto City	Plastic products
Takemoto Packaging Inc.	Toyama City	Plastic products
Du Pont-MCC Co., Ltd.	Toyama City	acrylic cultured marbles
TOAGOSEI CO., LTD.	Takaoka City	Organic and inorganic chemical industrial products
Toho Titanium Co., Ltd.	Kurobe City	Catalysts for manufacturing plastic (polypropylene)
Toyama Filter Tow Co., Ltd.	Toyama City	Acetate tow for cigarette filters
Toyama Korshin Co., Ltd.	Oyabe City	Rubber hose
Toyama TKX Corporation.	Himi City	abrasive wheel
TOYOX CO., LTD.	Kurobe City	Pressure resistant resin hose
Nakahara Chemical Products Industry Co., Ltd.	Nanto City	Thermosetting resin molded product
NIPPON SODA CO., LTD.	Takaoka City	Subrelated products, pesticides/agricultural chemicals, pharmaceutical raw materials
NIPPON CARBIDE INDUSTRIES CO., INC.	Uozu City, Namerikawa City	Functional products, electronic/optical products
Nissan Chemical Corporation	Toyama City	Electronic materials, chemical products industrial chemicals
PARKER KAKO CO., LTD.	Imizu City	Metal surface treatment chemicals
Fuji Film Manufacturing Co., Ltd.	Namerikawa City	next-generation toner
Hokusay Rubber Industry Co., Ltd.	Kurobe City and Nyuzen Town	Rubber products
YAYOI CHEMICAL INDUSTRY CO., LTD.	Takaoka City and Imizu City	Adhesives
YUKEN INDUSTRY CO., LTD.	Oyabe City	Metal surface treatment
Richell Corporation	Toyama City and Kamiichi Town	Plastic household products
Electric machinery/ precision machinery★		
Shinetsu Buhin K. K.	Nanto City and Kamiichi Town	Electric cables for automobiles
Senju System Technology Co., Ltd.	Toyama City	Soldering equipment
TOYOGASMETER CO., LTD.	Imizu City	Gas microcomputer meter
Toyoki Co., Ltd.	Toyama City	Electricity meters
Design, Information Industry, Call centers★		
ASP Communications Co., Ltd.	Toyama City	Information Service
American Home Assurance Company	Toyama City	Call centers
INTEC Inc.	Toyama City, Takaoka City, etc.	Software development, IT Consulting
WIN-D CORPORATION	Takaoka City	Mock-ups
Chartis, Inc. AIG	Toyama City	Call centers
SHOWA NOTE CO., LTD.	Takaoka City	Japanica study book
DAIKEN CORPORATION	Nanto City	Interior door
ATM Japan Business Ltd.	Toyama City	ATM monitoring and operation services
NEWTON FINANCIAL CONSULTING, Inc.	Takaoka City	Call center
NOUSAKU CORPORATION	Takaoka City	Tin tableware, castings
P.A. WORKS Co., Ltd.	Nanto City	Animations
Prestige International Inc.	Imizu City	Contact Center
Premier Assist Co., Ltd.	Imizu City	Road Assist
HOKURIKU COMPUTER SERVICE CO., LTD.	Toyama City	Software development
Ryoyu Systems Co., Ltd.	Toyama City	Computer system development

Quality Higher Education Institutions

University of Toyama

(Toyama City Takaoka City)

With 9 departments, 3 education departments and 4 graduate schools, 2 Interfaculty Initiative, added with the Traditional Pharmaceutical Research Institute and affiliated hospitals, it is one of the leading basic comprehensive universities on the Sea of Japan side. In April 2018, the "Faculty of Urban Design" was established to provide education and research related to "predicting natural disasters and managing risks, developing social infrastructure materials, and creating cities and transportation".



Features of the University of Toyama No. of teaching staff: Approx. 850 No. of students: Approx. 9,100

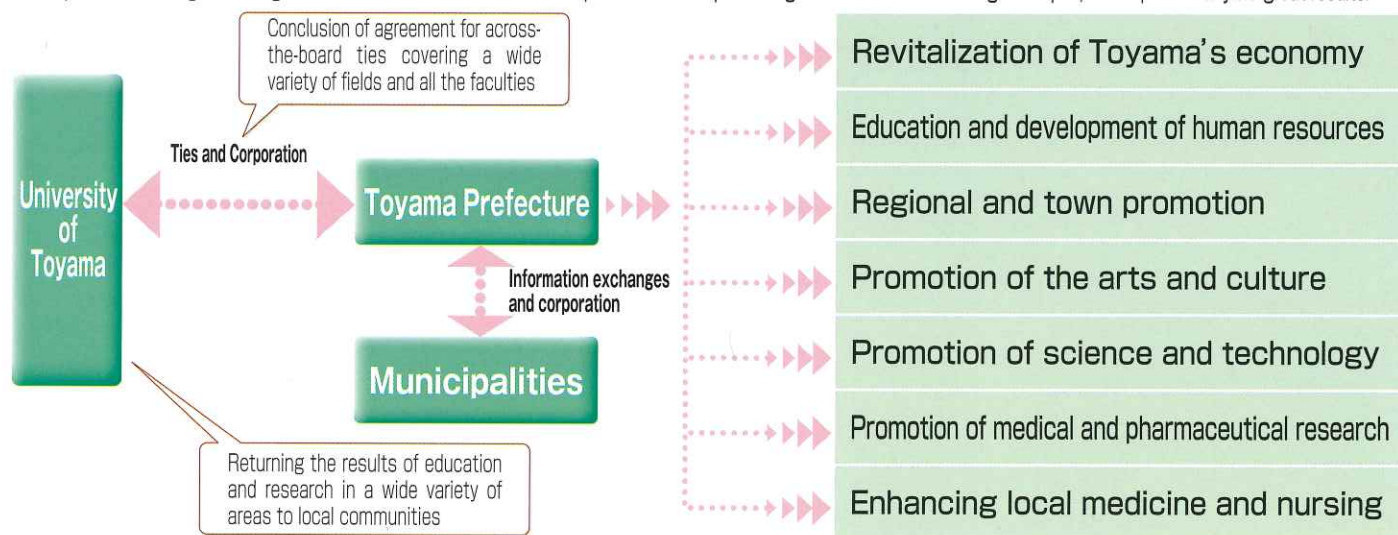
- Practicing cross-faculty education, research, and social contribution by leveraging the strengths of general universities
- Development of new interdisciplinary areas through exploitation of certain attributes such as an integration of the medical/pharmaceutical and science/engineering areas, which cultivates human resources capable for a wide range of areas
- The Institute of Natural Medicine which has adopted a new type of system that integrates traditional medicine, and Western medical and pharmaceutical sciences
- The Academic Research and Industry-Academia Collaboration Headquarters has been established as a contact point for joint research, academic guidance, and technical consultation in various fields to enhance academic research within the university and return the results to society at large

(Admission capacity)

Faculties	Humanities (188 students)	Department of Educational Sciences (85 students)	Economics (365 students)	Science (193 students)	Medicine (185 students)	Pharmaceutical Sciences (105 students)	Engineering (380 students)	Art and Design (110 students)	Faculty of Urban Design (159 students)
Graduate Schools	Graduate School of Humanities, Arts and Social Sciences (38 students)	Graduate School of Medicine and Pharmaceutical Sciences (58 students)	Graduate School of Science and Technology (249 students)	Graduate School of Sustainability Studies (18 students)	Graduate School of Pharma-medical Sciences (37 students)	Innovative Life Science (17 students)	Medical and Pharmaceutical Sciences (40 students)	Graduate School of Science and Engineering for Education (16 students)	Teacher Training Development (14 students)
Affiliate Organizations	Institute of Natural Medicine University Hospital Education & Student Support Centers Joint-Use Facilities for Education and Research Organization for Promotion of Regional Collaboration International Organization								

Agreement for Ties and Cooperation between the Prefecture and the University of Toyama (November 1, 2005)

Toyama Prefecture concluded an agreement with the University of Toyama, in order to provide a prompt and appropriate response to local problems and to contribute to further development of the region, through the reinforcement of their relationship. It is the most pioneering collaborative undertakings in Japan, and expected to yield great results.



Establishment of the Consortium of Universities in Toyama (April 1, 2013)

On April 1, 2013, the Toyama Consortium of Universities was established with the aim of increasing the academic level and appeal of institutions of higher education in Toyama Prefecture in cooperation with seven institutions: University of Toyama/ Toyama Prefectural University/ Takaoka University of Law/ Toyama University of International Studies/ Toyama College/ Toyama College of Welfare Science/ National Institute of Technology, Toyama College

In April 2018, the "University Consortium Toyama Ekimae Campus" was established on the 5th floor of the Toyama Ekimae CIC Building. It offers a study room and a free space where students and other people can gather and interact.

International Exchange with ASEAN Countries and Regions

- Promoting and sustaining study abroad programs for students from ASEAN countries and regions
- In collaboration with companies in the prefecture, we provide integrated support for international students from school to employment. So far, we have collaborated with 16 companies and accepted 18 international students from 7 countries (India, Indonesia, Thailand, Philippines, Vietnam, Malaysia, Myanmar) to the graduate school in the prefecture.

The intellectual base of Science Engineering, Medical/Pharmaceutical, Arts and Design with many unique features.

We strive to contribute to local development through stronger ties with industries and local governments.



Toyama Prefectural University

(Toyama City Imizu City)

Opened in 1990 as the first engineering public university on the Sea of Japan side, and incorporated as a public university in 2015, we are expanding and newly establishing undergraduate departments to make the university even more attractive to continue contributing to human resource development and youth retention required for prefecture industries. While expanding enrollment capacity of the engineering related faculty concerning the progress of digitalization, we started operation of "Education and Research Center for Digital Transformation" in April, 2022, that is supposed to be a base for collaboration between industry, academia, and government as a central research facility for DX faculty members.



Imizu Campus Central Building
(Started operation in April 2020)

Features of the Prefectural University Number of teaching staff: Approx. 200 Number of students: Approx. 2,300

- Foster human resources with flexible and rich human nature with engineering and nursing knowledge
- Providing education in small classes
- Career education to prepare for future occupations

(Admission capacity)

Undergraduate departments		Graduate School			Affiliate Organizations
Department of Nursing	Faculties	Master of Science in Nursing	Master's Program, Graduate School of Engineering	Doctoral Course, Graduate School of Engineering	
Department of Nursing (120 students)	Department of Mechanical Systems Engineering (60 students)	Nursing major (10 students)	Mechanical Systems Engineering (20 students)	Comprehensive Engineering Major (10 students)	The Community Liaison Center, Career Center, Biotechnology Research Center, Biopharmaceutical Engineering Research Center, Education and Research Center for Digital Transformation
	Department of Intelligent Robotics (70 students)		Intelligent Robotics Major (20 students)		
	Department of Electrical and Electronic Engineering (45 students)		Electronics and Information Engineering Major (27 students)		
	Department of Intellectual Information Engineering (70 students)		Environmental and Social Infrastructure Engineering Major (15 students)		
	Department of Environmental and Infrastructure Engineering (55 students)		Biopharmacy and Pharmaceutical Engineering Major (26 students)		
	Department of Biotechnology (40 students)				
	Department of Pharmaceutical Engineering (35 students)				

A University with Strength in Finding Jobs

Employment rate is top-class in Japan

Highly regarded for its practical systematic education system, the university has archived a **100% employment rate every year** and is asconsidered a **"University with strength in finding jobs."**

Research and Education reacting to the needs of Companies and Society

Industry-Academic-Government Collaboration

The Cooperation Center was established as an organization for collaborative interaction projects with companies, government and communities.
2022 Achievements

- 36 funded research projects
- 89 joint research projects
- 103 incentive contributions
- 13 academic counseling cases

Universities and Other Educational Institutions in Toyama Prefecture (as of April 2023)

Universities for Science/Engineering Areas

Names	Faculty	Department
University of Toyama (Toyama City) (Takaoka City)	Faculty of Science	Department of Mathematics
		Department of Physics
		Department of Chemistry
		Department of Biology
Department of Engineering	Department of Engineering	Department of Earth Sciences
		Department of Environmental Biology and Chemistry
		Department of Natural and Environmental Sciences
		Department of Electrical and Electronic System Engineering
Faculty of Medicine	Faculty of Medicine	Department of Intelligent Information Engineering
		Department of Mechanical Intelligent Systems Engineering
		Department of Biotechnology
		Department of Environmental Applied Chemistry
Faculty of Pharmaceutical Science	Faculty of Pharmaceutical Science	Department of Environmental and Infrastructure Engineering
		Department of Materials and Functional Engineering
		Department of Engineering
		Department of Medicine
Faculty of Urban Design	Faculty of Urban Design	Department of Nursing
		Department of Pharmaceutical Science
		Department of New Drug Development
		Department of Earth System Science
Toyama College of Welfare Science	Department of Social Welfare	Department of Urban and Transportation Design
		Department of Material Design Engineering
		Department of Early Childhood Education and Care
		Department of International Tourism

Names	Faculty	Department
Toyama Prefectural University (Imizu City) (Toyama City)	Faculty of Engineering	Department of Mechanical Systems Engineering
		Department of Intelligent Robotics
		Department of Electronic Engineering
		Department of Intellectual Information Engineering
Department of Nursing	Department of Nursing	Department of Environmental and Infrastructure Engineering
		Department of Biotechnology
		Department of Pharmaceutical Engineering
		Department of Nursing

Universities and Educational Institutions for Arts Areas

Universities and Educational Institutions for Post-Primary Education		
Names	Department	
University of Toyama (Toyama City)(Takaoka City)	Faculty of Humanities	Faculty of Education
	Faculty of Human Development	Faculty of Economics
	Faculty of Art and Design	
Takaoka University of Law	Faculty of Law	
Toyama University of International Studies	Faculty of Contemporary Society	
	Faculty of Child Development and Education	
Toyama College	Department of Food and Nutrition	
	Department of Management and Information	
	Department of Early Childhood Education and Care	
	Department of Health and Welfare	
	Advanced Course	Food and Nutrition Major
Toyama College of Welfare Science	Department of Social Welfare	Department of Early Childhood Education and Care
	Department of Nursing	Department of International Tourism
	Advanced Course, Nursing Major	

Specialized Vocational High Schools

- Combined and integrated Engineering majors, International Management and Information major, education and research of ship-related technology field
- Enhancement and development of industry-academia collaboration centered on solution centers

Names	Department
Toyama National College of Technology (Toyama City)	Departments (5 years) (40 students each)
	• Department of Mechanical Engineering
	• Department of Electrical Engineering
	• Department of Chemical and Biochemical Engineering
Toyama National College of Technology (Imizu City)	Colleges (2 years)
	• Eco Design Engineering
	Departments (5 years)
	*Department of Merchant Shipping is a 5 years and 6 months course (40 students each)
Toyama National College of Technology (Imizu City)	• Department of Electronic Control Engineering
	• International Business
	• Department of Mercantile Marine
	Colleges (2 years)
Toyama National College of Technology (Imizu City)	• Control Information System Engineering
	• International Business
	• Maritime System Engineering

Support through Industry-Academic-Government Collaboration

Through joint efforts, the government, universities and companies provide support to companies in the prefecture for the development of original technologies and new products, as well as expansion to new business areas. The "Innovation Promotion Center" plays a central role in coordinating between companies and universities and research institutions.

University of Toyama
(Research Promotion Organization)
• Supporting Organizations
Exchanges Promotion Society
Forum Toyama "Soyaku"
Toyama Prefectural University
(The Community Liaison Center)
• Supporting Organization
Research Corporation
Organization

Industrial Community



The Project Promotion Division of the Engineering Innovation Promotion Center
Coordination

Toyama Prefectural Industrial Technology Research and Development Center
Toyama Prefectural Pharmaceutical Affairs Research and Development Center
Toyama Institute of Health
Toyama Prefectural Environment Science Research Center
Toyama Design Center
Toyama Prefectural Agricultural, Forestry & Fisheries Research Center

Toyama Industrial Technology R & D Center

The center was established to promote technological development through collaboration of industry-university-government and train engineers in the field of manufacturing to stimulate further development of manufacturing in Toyama

Manufacturing Research and Development Center



(150 Futagimachi, Takaoka-shi, Toyama Prefecture)

Main Services and Features

- Provision of advanced facilities for companies and universities
- Development projects through use of joint research space
- Proposal and implementation of national and large-scale R&D projects

Major Cutting-edge Facilities (Major Most-Advanced Facilities)

[Digital Monozukuri Laboratory]

<Metal Laminated Molding System>

Metal 3D printer
(Molding aluminum and special steel, etc.)



<Large X-ray CT>

It can output the 3D shape of the external appearance and internal structure of large metal samples based on X-ray transmission images.



Advanced Research Facility/ Radio Wave Anechoic Facility

The center is equipped with state-of-the-art equipment including nanotech equipment such as ultra-precision processing machines and electro-spinning devices. (67 facilities as of June 2023)
The "CNF Product Demonstration Prototype Laboratory" has been established to promote the research results of cellulose nanofiber (CNF). We also established a "High-performance Material Lab" to support material development, "Digital Manufacturing Lab" to support new product development with additive manufacturing equipment as well as a "Product Function Evaluation Lab" to provide comprehensive support from development to product evaluation.
In 2019, we opened the "Open Innovation Hub" to promote new creations and the "Product function/environmental load evaluation laboratory" to test and evaluate the durability of products.

R&D Support Facility

The support facility has ten rental rooms for enterprises and four project rooms, which are provided to support prototype development by companies or joint research.

- Creation of fundamental technologies for nanotech manufacturing
- Training of engineers in the field of advanced manufacturing
- Problem-solving training and long-term internships

[Environmental Impact Assessment Building]

<Natural environmental load system>

A test room that can artificially create an environment that simulates various weather conditions



<Electromagnetic environmental load test room>

A test room that shuts off external electromagnetic noise when conducting immunity tests on equipment against electromagnetic noise



Life Science Institute



We conduct research and guidance to support the development and production of industrial products related to human life such as "clothing," "housing" and "play".
We focus on the research and

development of products and materials for realizing a healthy and safe life through measurement and evaluation of human characteristics such as sensation, physiology, and movement.

In 2019, we opened the **Healthcare Product Development Building** as a base for developing high-performance clothing and sports and health-related products using cutting-edge technologies and materials, with the word "comfort" as the main keyword.

Main cutting-edge equipment

<Living environment simulator>

A device that reproduces the weather, sunshine, indoor and outdoor living environments, and evaluates product functionality.



<Force plate type treadmill>

A device that measures the physical condition during exercises such as walking and running and the force applied to the soles of the feet



Mechanical and Electronics Laboratory



We conduct testing, research, and guidance on reliability evaluation technology, basic functional electronic device technology of sensing and monitoring technology for

measuring large amounts of data and digital engineering technology, including data analysis such as image processing as well as CAE for mechanical design.

In 2019, we opened an "Advanced Device Multi Reliability Test Laboratory" to consolidate various reliability tests required for the development of advanced electronic devices. We will also further enhance the reliability evaluation function by implementing IoT.

Main cutting-edge equipment

<Reliability evaluation test room>

Evaluate the reliability of products such as electronic devices



<Integrated CAE system>

Computer simulation of mechanical strength, thermal characteristics of the equipment



We promote industry-academic-government collaboration and support bringing up growing industries.

Toyama Pharmaceutical Affairs Research and Development Center

In April 2018, the Pharmaceutical Affairs Research Institute was drastically reorganized into the Pharmaceutical Affairs R & D Center to strengthen the support system for the pharmaceutical industry. Under this center, the "Drug Discovery Research and Development Center", "Formulation Development Support Center" and the "Medicinal Plant Guidance Center" were established. We conduct pharmaceutical R&D, testing, analysis, and technical guidance to companies at the Prefectural Pharmaceutical Affairs Research and Development Center to contribute to the promotion of the pharmaceutical industry in Toyama Prefecture and the maintenance and improvement of health and hygiene for citizens of the prefecture.

We are also actively engaged in training human resources to support the pharmaceutical industry, such as conducting technical training for university students.



Toyama Pharmaceutical Affairs Research and Development Center

Drug Discovery Research and Development Center

Advanced analytical equipment was installed and opened in May 2018 to promote the research and development of high value-added products such as biopharmaceuticals. The center also has a counseling room for companies and universities and a conference room for training, and actively supports technical development and human resource development.



Drug Discovery Research and Development Center

Formulation Development Support Center

We maintain formulation machines and testing equipment to support companies in developing formulations. We are also working on human resource development, such as using it for technical training for university students.



Formulation Development Support Center

Medicinal Plant Guidance Center

We are working to establish medicinal plant cultivation technology, guide cultivation spread, and spread knowledge of medicinal plants to spread the cultivation of medicinal plants which are the raw materials of pharmaceuticals.



Medicinal Plant Guidance Center

Toyama Prefectural Design Center

The center supports companies in their product development, training of human resources and information distribution to make use of design in their business.

The "Creative Design Hub" was established in November 2017 to strengthen support for manufacturing companies. It is where human resources from different industries gather and develop new products. In May 2019, we opened a "Virtual Studio" to support efficient product development using VR technology.



(5 Office Park, Takaoka City, Toyama)

[Creative Design Hub]

A new base where the manufacturing industry and a variety of specialists gather, think and demonstrate together



[Virtual Studio]

Using VR goggles, it is possible to check the 3D data of the design in full size and three-dimensionally. We also prepared an online distribution device



Provision of Design Development Equipment

We have prepared the most advanced equipment necessary for product development utilizing design such as digital design verification devices utilizing VR technology, and 3D printers. These are open to companies who are interested.

Business and Designer Matching

The center conducts matching of companies and designers according to companies' product development needs. In particular, the Toyama Design Competition, which welcomes designs for specified themes from all over Japan, is held to provide young designers with opportunities. Many of the proposed works have been commercialized after matching designers with companies.

Training of Human Resources

The center holds design seminars, inviting leading professionals, and provides workshops in collaboration with companies and design-related universities.

Major Design Devices

<High-precision 3D Printer>

3D printer of inkjet method type which is suitable for elaborate model production



<Noncontact 3-D Shape Measuring Machine>

A 3-D scanner that scans shapes of objects and converts them to 3-D data



<Hybrid laser cutter>

Laser processing machine that can cut resin and wood, and engrave something on metal surfaces.



<Digital Photo System>

Takes high-quality pictures for product catalogs, etc.



We create vibrant new industries through the collaboration between industry, academia, and the government.

Promotion of Aluminum Consortium

We are trying to commercialize the R&D project to take advantage of unique characteristics of aluminum that industry, academia, and government are working on. And we are trying to promote initiatives for greening (recycling aluminum) so that we can create a new business in the aluminum industry and develop specialized human resources through university seeds.

R&D on greening of aluminum

- We support the R&D through industry-academia-government collaboration toward utilization of recycled materials that have environmental and cost advantages, and toward practical application of energy saving technology.

Workshop for strengthening the recycling-oriented aluminum industry network

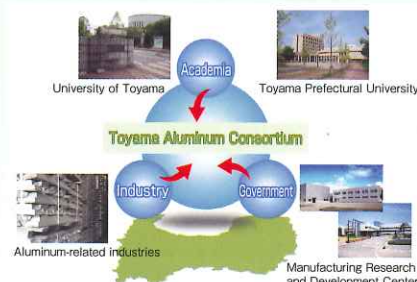
- We conduct the R&D that utilize DX for the purpose of decarbonizing the supply chain of the aluminum industry.

Aluminum sandbox business

- We conduct accompanied support by digging up the problems that aluminum-related businesses in the prefecture are facing.

Human resources development business

- We conduct various seminars, etc. and promote human resources development.



Project examples

- Development of hydrogen container manufacturing development
- Development of welding technology for thick aluminum pressure parts
- Construction of energy-saving secondary melting system

Promotion of healthcare consortium

We support the development of new products in the healthcare field through industry-academia-government collaboration, trial production and demonstration for commercialization, as well as product development to solve technical issues.

Healthcare product development acceleration business

We support trial manufacture of new health care products utilizing our own technology seeds and support the efforts of demonstration

- Project case
 - Gait training support device
 - Body surface temperature measurement technology for monitoring systems
 - Nanofiber simulated skin material
 - Diary app for pre-symptomatic state / AI system
 - Swallowing function evaluation device
 - Walker to support standing up / sitting down

Healthcare Innovation Challenge Program

Supporting product development related to specific product themes based on on-site needs such as nursing care facilities for product development from the user's perspective

- Project case
 - Monitoring system that can reduce the burden on the caregivers
 - Nursing pants that utilize high-power fabric
 - Three wheel walker to be used in transition from walker to wheelchair

Special quota for developing healthcare products

In the fiscal year 2023, we supported development of products in the field of health, preventive medicine and sports related to Femtech etc. that solves women's health issues through technology.

- Project case
 - Highly designed clothing with functions to improve menopausal symptoms.



Propulsion of Toyama Growth Industry Creation Project

We are aiming to develop new technologies and products in the field of growing industries by taking advantage of the unique technology of companies in the prefecture, the technological seeds of universities and testing and research institutes, abundant facilities, and the strength of establishing a consortium promotion base.

Pharmaceutical industry collaboration field

A research group was established to smoothen the entry to the medical device-related industry as well as to support technical cooperation and expansion of new sales channels

- Held a technical seminar on medical devices
- Supporting efforts to expand sales channels of manufacturing companies

Robotics field

Aiming to strengthen the competitiveness of companies in the prefecture by promoting the introduction and utilization of robots such as collaborative robots, and the creation and activation of the robot industry utilizing the manufacturing technology of companies in the prefecture.

- Held a seminar on robot control system

Green Growth Strategy Area

Promote the entry of prefecture companies into industries that are expected to grow due to global warming countermeasures

- Technical seminars for the following study groups and advanced site inspections
 - ①Automobile / battery-related industry
 - ②Industries related to Hydrogen/fuel ammonia
 - ③Industries related to next generation renewable energy
- Support R&D of new products and new technologies



Support for Market Outreach Both In/Outside of Japan

Toyama Prefecture
New Business
Establishment Guide



T-Messe 2021 (Toyama General Manufacturing Industry Trade Fair)

The Toyama General Manufacturing Industry Trade Fair has highlighted the prefecture's excellent manufacturing technology and products to visitors from both in and outside of Japan since 2010. It provides a great opportunity for exhibitors and visitors to develop sales routes and expand order receipts.

2021 Overview (Virtual Events)

Held for three days from Thursday, October 28th, 2021 to Tuesday, November 30th, 2021

Contents

We hold this trade fair to cultivate a manufacturing mindset as well as to disseminate information both domestically and internationally on manufacturing techniques and products in the field of machine tools/industrial machinery, automobile-related, precision machinery, electronics/electrics, IT, plastics, aluminum, textiles, pharmaceuticals, chemistry, casting/molds, metal processing products, food processing, design and creative industry from within the prefecture and overseas, and to create opportunities for business negotiations.

○Events

- DX Special Exhibition Booth and Keynote Address
- Seminar for Engineers (IoT/Environment)
- Overseas Business Seminar
- Online Business Meeting with domestic/overseas buyers
- Events for students

Number of exhibiting companies/organizations

- Number of exhibitors: 242 companies/organizations (including 91 domestic and 151 overseas companies)



Small and medium enterprises support center

We will provide companies in Toyama Prefecture with one-stop consultation services and support their management innovation, market development etc.

Support Content

1. Establishment of a consultation desk
Dedicated staff with profound knowledge and experience will give some advice to small and medium-sized enterprises about management and technological innovation, new products development and sales channel expansion.
2. Mediation and introduction of ordering transactions
We collect and provide order information from companies inside and outside the prefecture to increase order opportunities for companies within the prefecture.
3. Support for developing sales channels in metropolitan areas
Our managers will accompany and help small and medium-sized enterprises in Toyama Prefecture sell their products to companies in metropolitan areas by helping develop sales channels.
4. Business meetings outside the prefecture
We will hold a wide-area business meeting in Tokyo, Osaka, and Nagoya.

Asian Economic Exchange Center

We will provide consultations and give support for the market development of companies to promote the business expansion of Toyama Prefecture businesses in the Asian region.

Support Content

1. Establishment of an overseas development consultation desk
 - Assignment of advisors
Business advisors and trade investment advisors with broad overseas experience will respond to the inquiries from, and back up companies within the prefecture that are trying to develop overseas sales channels and to expand overseas mainly in the Asian region while cooperating with "Toyama Business Support Desk" (advanced reservations required/free of charge)
 - Target companies: SMEs in the prefecture with little overseas business experience
 - Support content: Response to various consultations regarding overseas sales channel development, etc.
 - Consultation example: Development of sales channels and import restrictions in China and Taiwan
 - Establishment of a local corporation in Indonesia
 - Provision of trade and investment consulting services
2. Supporting overseas market development
 - Support for exhibition at international trade fairs
 - The holding of business meetings to invite buyers
 - Dispatch of economic exchange mission
3. Seminars, instructors' dispatch
 - The holding of China Research Organization
 - Dispatching of instructors
4. Collection and provision of information on economic/trade



Support for SMEs' Market Expansion

Toyama Prefecture provides subsidies for small-to-medium enterprises (SMEs) that are located in the prefecture and seeking market expansion, leveraging the Toyama Challenge Fund for Small-to-Medium Enterprises (15 billion yen). The subsidies are granted for expenses related to participation in trade fairs, expositions, etc. held inside or outside Japan, market research, or overseas marketing activities (exhibition booth fees, overseas travel expenses, etc.).

○Market Development Support Project

Eligibility: Small and medium-sized enterprises with main offices in the prefecture and groups of small and medium-sized enterprises

Subsidy Rate: within 1/3

Subsidy Limit: 250,000 yen Domestic (outside of Toyama Prefecture),
(350,000 yen for participation in exhibitions in the Tokyo Metropolitan area)
Domestically and abroad 500,000 yen

Subsidy Period: up to 2 years (Combinations outside the country and prefecture are now possible)



Desirable Lifestyles

Livability is top-class in Japan

Living ; Attractive Local Infrastructure

- Number of housing owned: 2nd (2020)
- Disposable income (one month per household with two or more people who are working): 7th (2022)
- Prefectural income (per person): 7th (2019)
- Least number of fire cases (per 10,000 residents) : 1st (2022) lowest for 32 years running
- Least number of crimes recorded (per 100,000 residents): 4th (2022)

Education

- High school entry rate: 3th (2022)
- University entry rate: 18th in Japan (2022)
- The application rate of active students of The Common Test for University Admissions: 4th (2022)

Social Capital

- Road maintenance rate : 4th (2021)
- Percentage of population living in sewerage area : 8th (2021)
- Total area of urban parks per resident: 14th (2022)

Work

- Public assistance rate (lowest): 1st (2021)
- Net income (Per worker's household with 2 or more people): 9th (2022)
- Jobless rate (lowest): 3rd (2020)

Medical Care

- Ambulance arrival time (shortest): 5th (2021)
- Number of certified nurses (per 100,000 people): 1st (2022)

47 prefectures happiness ranking second place in Japan (2020 version)

*All Prefectures' Happy Report, 2020 edition, published by Toyo Keizai Inc. says Toyama Prefecture was in the second place overall. Also the four fields of health, work, life and education are in the top 5.

Attractive City Planning

Creating cities with appeal



Fugan Canal Kansui Park

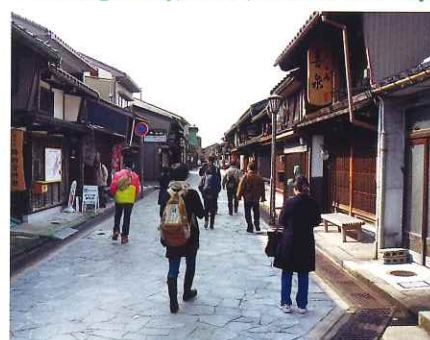
This park located in the city center is often crowded with many young people. It is possible to enjoy the Fugan Water Line canal cruise out to the Nakajima lock gate, a national important cultural asset, and all the way to the port town of Iwase.



Mitsui Outlet Park Hokuriku Oyabe

Opened on July 16, 2015. It is the first outlet shopping mall on the Japan Sea side of Honshu. It features 170 stores.

Utilizing history, culture, nature and industry



Old Townscapes

The town of Kanaya is the birthplace of Takaoka casting. Quaint and beautiful townscapes of houses fronted with timber lattice frames and cobble paved streets embedded on each side with copper plates still remain.

Supporting safe and secure lifestyles



Toyama Prefectural Central Hospital, Advanced Medicine Ward

Opened in September 2016, the ward provides treatment for cancer at the highest national level, offering cutting-edge examination and the most advanced treatments.

Promoting Toyama's attractive features



Spreading the charms of Toyama to countries around the world

We are spreading the charms of Toyama; varied nature from the Tateyama Mountain Range to Toyama Bay, rich food culture, and history/tradition/culture, etc.



Nihonbashi Toyama

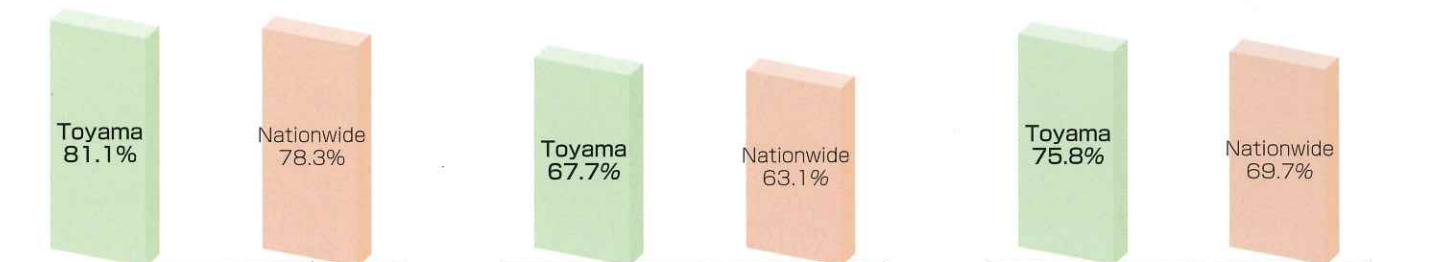
The antenna shop was opened in June 2016 to spread information on Toyama and connect Toyama with the metropolitan area.

Accumulation of diligent human resources

There is a sizeable workforce of determined, hard-working and enterprising people in Toyama Prefecture. Extremely well regarded by companies that have established themselves in the prefecture for being highly capable, diligent and earnest, and as well as the high employee retention rate.

High Loyalty

- Employment rate (15 - 64 years old) 2位
- Regular staff and employee ratio 1位
- Percentage of regular employees among young people (15-34 years old) 4位



(Ministry of Internal Affairs and Communications: 2022 Basic Survey for Employment Structure)

(Ministry of Internal Affairs and Communications: 2022 Basic Survey for Employment Structure)

(Ministry of Internal Affairs and Communications: 2022 Basic Survey for Employment Structure)

An Environment for Women to be Active

Advanced work situation for women

- Dual income rate 4th
- Female employment rate (age 15-64) 3位



(Ministry of Internal Affairs and Communications: 2022 Basic Survey for Employment Structure)

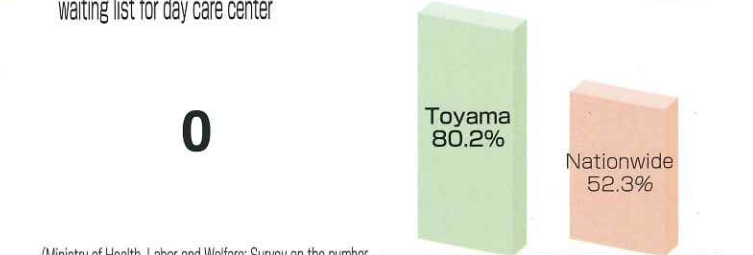
(Ministry of Internal Affairs and Communications: 2022 Basic Survey for Employment Structure)

(Ministry of Health, Labor and Welfare: Survey on the number of children waiting to use daycare centers in April 2022)

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Well-developed Childcare Services

- The number of children on the waiting list for day care center
- Entrance rates for nursery schools, etc. 2位



(Ministry of Health, Labor and Welfare: 2021 Social Welfare Facilities Survey)

Example of Childcare Support Programs

Community and at Home

- Enhancement of child-care services such as temporal, extended-hours, and sick child care
- Consultation system and venue for parents and children offering childrearing advice and other services provided at the regional childrearing support and other centers
- Promotion of projects involving local residents to assist parents such as Family Support Center
- Development of "Toyama Childcare Support Team Project"
- Support for after-school children's clubs and programs

Support for Work-Parenting Lifestyle

- Development of a work environment that allows parents to work and raise children comfortably
 - Support for companies developing "General Business Owner Action Plans" (dispatchment of promotion coordinators)
 - Bidding advantage given to companies that show support parenting
- Subsidy for male workers who take childcare leave and also business owners who employ them.
- Promotion of childcare facilities in business establishments
- Supporting working parents through the Ikuboss Company Alliance Toyama network

Financial Support

- Subsidy for infants' and pregnant women's medical expenses
- Distribution of "Child Support Voucher" to child rearing families. (It will be distributed in the form of electronic points in the fiscal year 2023 or later.)
- Reduction of childcare fees from 0-2-year-old children
 - Free of charge for the first and second children of low-income households
 - Free of charge after the third child as a fundamental rule
- Reduction of food expenses for nursery schools
 - Reduction of supplementary food expenses for 3-5-year-olds of multi-income households with a certain income
- Low-interest loan system for multi-child households with children attending schools (substantially interest-free for loans under the age of 23), etc.

AIG Japan Holdings KK

The AIG Group in Japan has insurance business of AIG General Insurance Co., Ltd., American Home Medical and General Insurance Co., Ltd., and JI Accident Fire Insurance Co., Ltd.

AIG Partners Co., Ltd. as a Group Insurance Agent alongside other group companies is supporting Japanese customers through many other related businesses. Since 2004, when we established a customer service base in Toyama City, each group company has set up a similar service based in Toyama City, and we have been in business for more than 15 years.

We have the people of Toyama as employees that take charge of duties such as responding to inquiries from customers and agents from all over the country by telephone, managing contracts, and responding to insurance policyholders in case of emergency. Toyama employees are the foundation of our non-life insurance company's business.

We look forward to growing together with the people of Toyama in the future.

President and CEO Mr. James Nash

Securing and developing human resources

Promoting employment for students at companies in this prefecture

- Increasing awareness of companies in this prefecture among students/promote employment
- "Kigyo Navi Toyama" is an information site to publicize companies in this prefecture.
- "T Turn Café" is an exchange meeting among the students in the four universities and the companies in this prefecture.
- "Job Hunting Female Students Supporting Café" is an exchange meeting of female employees and female students.
- "Workshop by IT companies in this prefecture" is an exchange meeting of IT related companies and students who wish to work there.
- "Job hunting bus tour" is a bus tour for job hunting students to visit companies in Toyama and to have an exchange meeting with the employees there.
- Helping students pay back the scholarships who found employment at companies in this prefecture.
- "Come Back! Employment Support Business" is a subsidy for transportation expenses for the students who are engaged in job hunting for U-turn employment
- Conclusion of agreement on U-turn employment support with 35 colleges outside the prefecture.
- Meetings to exchange opinions between university employment support personnel and corporate recruitment officers



"T Turn Café"

Matching services between human resources and companies in this prefecture

[Toyama Prefecture Human Resources Promotion Center]

A employment support organization that provides one-stop support for securing human resources for companies in Toyama Prefecture.

- Professional human resources securing business
 - Matching services between professional human resources in the metropolitan area and companies in this prefecture
- Young Job Toyama
 - Matching services between the youth and companies in this prefecture by holding joint job fairs
- Toyama Prefecture Internship Promotion Center
 - Introducing corporate internships to job-hunting students
- Toyama Senior Professional Human Resources Bank
 - Matching services between specialized senior human resources and companies in this prefecture

Educating youth for the future

Toyama Science Olympics

The "Toyama Science Olympiad" is held as an opportunity to raise children's (junior high and high school students) interest in science and to develop their potential in terms of scientific talent, logical thinking, and problem-solving abilities.



Creating attractive energetic schools

Foundation of schools centering on craftsmanship (Toyama Technical High School, Takaoka Kogei High School)
We are developing specialists in the field of manufacturing by founding high schools with courses that focus on education towards creating things, teaching fundamental and basic knowledge common across all industries, and through classes taught by technical experts from different companies.



Establishment of research courses (Toyama High School, Toyama Chubu High School, Takaoka High School)
We are nurturing human resources rich with creativity and the ability to think scientifically and solve problems by setting up research courses (Science and Mathematics courses, Humanities and Social Sciences courses), and doing seminar-style classes and project studies in small groups through cooperation between high schools and universities.



Out of the many schools with the Department of Inquiry Science, Toyama Chubu High School was designated as a Super Science High School in 2014 and was designated for the second term in 2019. By implementing advanced science and mathematics education, we aim to develop human resources with science and technology knowledge that can co-create a new society from a global perspective.



We will support securing and developing human resources who are to be the foundation of corporate activities.

Human Resources Development through Vocational Skills Development

We are conducting practical-type vocational training and employment support so that job seekers can find employment quickly as well as developing human resources to support manufacturing in the future and offering training for those currently employed to meet company demands, through collaboration between the Toyama Prefecture Technology Specialty Institute (Toyama City, Kurobe City, Nanto City), and JEED's Nokaidai Polytechnic University (Uozu City) and Toyama Employment Skill Development and Promotion Center (Takaoka City).

Job Training which Corresponds to the Needs of Companies

- Training for workers at vocational skills development facilities
- "Ready-made" seminar
 - Training according to the program prepared by the prefectural government
- Seminars for examination and certification test preparation
- Global Human Resources Development Course
 - We support the development of human resources for internationalized companies
- Custom-made Training
 - Toyama Prefecture prepares a schedule based on the requirements of individual companies
- Highly Skilled Human Resources Development Course
 - "Toyama Masters" will pass on their tips and skill about manufacturing

- On-site technology/skill transfer support training business

Training to acquire visualization of knowledge and skills of veterans at manufacturing sites and human resource development methods



Learning practical skills from Toyama's master craftsmen

Human Resource Development for Future Manufacturing Industry

- "14 years-old Challenge" in local community
 - Experience activities to acquire the strength to live through the entire lifetime by enhancing one's respect for social norms and sociality and by reconsidering one's way of life in the future.
- Promoting internships
 - Working experience for high school students
 - Almost 100% participation in career-related specialty courses
 - Many students including those from the regular course participated
- Competitive Manufacturing Skills Development Support Project
 - Increased participation in the Skill Olympics
- "Toyama's Master Craftsman" Certification
 - Certify highly skilled technicians who are willing to train their successors



"14 years-old Challenge" in local community



Training for promoting the transfer of technology/skill in the field



Technical College (the main school)

Development of digital / DX human resources

● Toyama Prefecture's efforts

Development of "Outstanding DX human resources"

● Business of developing DX human resources in the future

Development of "Outstanding DX human resources" with advanced programming skills and problem-solving capability from among primary and high school students

- ① Implementation of programming schools etc. for high school students. (ten students in 2022 class)
- ② Holding a prefectural programming tournament for elementary pupils. (114 pairs participated in 2022 tournament)



Development of DX human resources leading each company

● Project of training DX supporters

In order to promote DX of the industries in this prefecture, we will train "DX Supporters" who can lead DX in each company and send on-site needs and issues to the prefecture.

- ① Registration of trainees as "DX Supporters" as well as conducting preparation courses for fundamental information technology engineer examination.
- ② Building a network through "DX Supporters".



● Subsidy for reskilling Toyama human resources

In order to promote reskilling of employees in the companies in Toyama Prefecture, we will subsidize part of the expenses for a short-term educational training, (less than ten hours of training period), that is not eligible for national human resource development support subsidies.

Development of DX human resources in collaboration with Toyama University

● Subsidy for the expense to promote data science collaboration project

Holding adult courses and developing human resources with skills to handle data strategically by utilizing and analyzing data. (In collaboration between Toyama Prefecture, Toyama City and Toyama University)

- ① Adult course for companies and local government employees
 - Data science special course (721 students in 2022 course)
 - Seminar for developing DX human resources (722 participants in 2022 seminar)
 - Preparation course for state examinations of IT Passport, etc. (100 participants in 2022 course)

Toyama Start-up (T-startup)

Toyama Start-up (T-startup) is a project of formulating start-up eco system toward discovering and supporting growing companies

- Selecting companies with high growth potential that have offices in this prefecture as T-Startup enterprises, and giving them intensive accompanied support by dispatching experts, etc.
- Recruiting "T-Startup Supporter" to support startup in this prefecture.
- Holding seminars and exchange meetings targeted at T-Startup supporters and entrepreneurs



Relic Inc.

Mr. Junichi Sasaki, head of Toyama Development Base

As a "Business co-creation company", Relic Inc. is developing the following three pillars of businesses integrately: business to provide SaaS platform specialized in new business development, business to support development of new business from start to finish and comprehensively, and open innovation business to co-create innovation through joint enterprise/joint venture, etc. During the eight years of activities since our foundation, we have performed development of more than 4,000 new companies with over 20,000 cases.

We advanced into Toyama in 2022 because we had strongly empathized with whole Toyama's commitment to promoting IT companies and DX. "Toyama Development Base", as a developing base and a growing base, aims for regional development by accelerating the pace of discovering and nurturing innovative human resources in Hokuriku Area, and of creating innovation from the region in collaboration with educational institutions and companies in this prefecture



Relic Inc.

Vector Design Inc.

Mr. Gen Umezawa, representative director

Make pleasant tomorrow within today, with synergistic effect of technology and creativity.

The reasons why we have decided to establish a base in Toyama are as follows. We will continue to do business in Toyama for many years to come and at the same time we would like to develop new businesses that are unique to Toyama. ① Risk diversification: Toyama has fewer disasters so we can diversify risks. ② Good access: Only two hours and eight minutes' Shinkansen ride from Tokyo. ③ A good chance of local employment: The ratio of regular employees among the youth is No.1 in Japan. ④ Existence of market: Many companies are mainly in the manufacturing industry and they are likely to have to compete with the whole world by responding to IoT, IT and DX. And as a result, there is a market where we can provide our services. ⑤ Support systems and tax benefits: Toyama Prefecture and Toyama City offered us a support and a tax benefit concerning our head office relocation.



Toyama Office

Toyama Prefecture' effort is focusing on developing problem-solving type education, utilizing ICT and promoting data science education. We will firmly support the efforts of institutions of higher education in this prefecture and promote human resources development who can respond to the DX age with AI and IoT and can create new value.

Toyama Prefecture
New Business
Establishment Guide



● Toyama Prefectural University's endeavors

● Education and Research Center for Digital Transformation

We established "Education and Research Center for Digital Transformation" in April, 2022 and are administrating it as a base for developing digital human resources in industry, academia, and government.



● Education

We hold recurrent courses for adults and promote digital transformation of enterprises, in addition to developing DX human resources who have design thinking in order to solve social problems based on their high digital technique and research results



Seminar for adults

● Research

We are promoting joint research with enterprises inside and outside of Toyama Prefecture, of analysis utilizing AI/BIGDATA in the following three fields: "Manufacturing" and "Medicine / Nursing / Health Care" and "Outdoors/Field".



Water pipe leak detected by an IoT activity vibration sensing device

● Equipment

We are utilizing state-of-the-art equipment on education and research such as a VR system with 4-sided screen that provides a highly immersive feeling, and a motion capture device with 16-camera configuration that can measure in a space of over 20 meters.



VR System

● Establishment of "Faculty of Information Engineering"

Our university is to establish Faculty of Information Engineering in April, 2024 aiming to develop human resources who have expertise both in engineering centering on "information" and in data science, and those who can identify latent social issues and find solutions to them.

● Characteristics of our education

1. Specialized education on data science
2. Small-class and meticulous education
3. Fostering abilities to discover and solve problems through design thinking
4. Collaborative classes with corporate engineers
5. Curriculum arranging leading to fostering engineers with a rich sense of humanity
6. Career counseling leading to the students' independence

● Departments

- Data Science Department (enrollment capacity of 40)
- Department of Intellectual Information Engineering (enrollment capacity of 60)
- Department of Intelligent Robotics (enrollment capacity of 60)



● Toyama University's endeavors

We have founded "Data Science Promotion Center" and engage in promoting "Mathematics/Data Science/AI Program".

We have made mathematics/data science program compulsory for all the students admitted in 2020 or later. Said program is accredited as "Approved Program for Mathematics, Data-science and AI Smart Higher Education (Literacy level)".

● Some other endeavors of the institutions of higher education

The introduction of "Information Specialist Training Program" to aim to obtain state qualifications such as information technology passport. (Toyama University of International Studies)

The Faculty of Contemporary Social Studies is accredited as "Approved Program for Mathematics, Data-science and AI Smart Higher Education(literacy level)" and "Approved Program for Mathematics, Data-science and AI Smart Higher Education (advanced literacy level)" (Toyama University of International Studies)

Implementation of data marketing program (Toyama College of Welfare Science)

All the departments are accredited as "Approved Program for Mathematics, Data-science and AI Smart Higher Education(literacy +level). (National Institute of Technology(KOSEN), Toyama College)

Company Set-up Support System



1 Company Location Subsidy System

Subsidies are provided for newly established and expanded companies, depending on the amount of investments and the number of new employees*1. *1: Excluding people engaged in welfare facilities

Total amount limit per
1 factory establishment
Maximum 5 billion yen

① Subsidies for new / expansion of factories, etc. (subsidy = investment x subsidy rate)

Eligible Industries	Eligible Subsidy Targets	Offer Requirements (Amount of Investment, Number of new employees)	Subsidy Rate*	Maximum Subsidy (Prefecture 1/2, Municipality 1/2)
Manufacturing	· Land · Buildings · Facilities (Except for acquisition of facilities)	[New Location/Additional Location] More than 0.5 billion yen and 10 employees	10%	0.2 billion yen
		New Location: Begin operations within 3 years after land acquisition (or leasing)		
		Additional Location: Begin operations within 1 year after construction commences		
		Satisfy the above and over 5 billion yen or over 60 employees		0.5 billion yen
		[New Location/Additional Location] More than 10 billion yen and more than 100 employees		3 billion yen

Supply chain reconstruction/ Special support for those who return to the prefecture (R3.4~)

If an enterprise reassesses the supply chain and meets certain requirements with its new or expanded factories in an attempt to return overseas production bases into this prefecture, we will reduce the investment amount requirements by half (over 250 million yen).

② Subsidies for new / expansion of research institutes and employment of researchers

● Subsidies for new and expansion of private research institutes

Eligible Industries	Eligible Subsidy Targets	Offer Requirements (Amount of Investment, Number of new researchers hired)	Subsidy Rate	Maximum Subsidy (Prefecture 10/10)
Natural Science Laboratories (Test, research and development etc.)	· Land · Buildings · Facilities etc.	[New Location/Additional Location] Investment of more than 100 million yen and 10 ~ 29 researchers	15%	0.15 billion yen
		[New Location/Additional Location] As above and more than 30 researchers	20%	0.2 billion yen
		[New Location/Additional Location] As above and more than 60 researchers		0.5 billion yen

For research facilities falling under one of the three growing industries (high-functional materials, digital manufacturing, and life sciences) and certified by the governor following submission of development plans for specific business facilities, the eligibility requirements are eased to half of the amount mentioned above. (Investment requirements, subsidy rates and limits are the same.)

● Subsidy for employment of researchers

Eligible Industries	Offer Requirements (Amount of Investment, Number of new researchers hired)	Subsidy Rate	Maximum Subsidy (Prefecture 10/10)
· Researchers at natural science laboratories · Designers in design industry	[New Location/ Additional Location] More than 30 million yen + more than 10 employees	500,000 yen/employee	0.1 billion yen

③ Subsidy for acquisition of a company, etc.

● Subsidy for acquisition of a company, etc.

Eligible Industries	Eligible Subsidy Targets	Offer Requirements (Amount of Investment, Number of new employees)	Subsidy Rate*	Maximum Subsidy (Prefecture 1/2, Municipality 1/2)
Software Information-service-related, etc.	· Land · Buildings · Facilities (Except for acquisition of facilities)	[New Location/Additional Location] More than 50 million yen + more than 10 employees	5%	0.1 billion yen
		Satisfy the above and over 5 billion yen or over 60 employees		250 million yen
		[New Location/Additional Location] More than 10 billion yen + more than 100 employees		1.5 billion yen
Design		[New Location/Additional Location] More than 50 million yen + more than 5 employees		0.1 billion yen

● Subsidy for rental charges of offices etc. (business location subsidy for IT companies/companies with administrative work (In April, 2022 or later))

Eligible Industries	Eligible Subsidy Targets	Offer Requirements (Number of new employees)	Subsidy Rate/Subsidy Amount	Subsidy Period	Maximum Subsidy (Prefecture 10/10)
Software Information-service-related, etc.	Rental charges for office	more than 10 employees	50%	3 years	12million yen./year
	Connection fee			Special approval - for 6 years*2	20million yen./year
	New employees	In case of transfer of the head office functions *1 more than 5 employees (Small and medium-sized enterprises—one person or more)	500,000 yen/employee	3 years Special approval - for 6 years*3	0.1 billion yen

*1 One of these, "Investigation and planning department", "Information processing department", "Research and development department", "International business department", "Information services business department (Software development included)" and "Other administrative department".

*2 If a company hires over 60 new employees and receives subsidies from municipalities as well.

*3 If a company is certified as "Toyama Women's Empowerment Company" and the ratio of women in the newly hired employees is more than 40% as well. (Since April, 2023)

④ Subsidy for re-location of headquarter factions to Toyama ([New] Toyama Hongsha Moving Support Special Quota)

Eligible Industries	Offer Requirements (Amount of Investment, Number of new employees)	Subsidy Rate	Maximum Subsidy (Prefecture 1/2, Municipality 1/2)
· Land · Buildings · Facilities · Businesses relocation fee · Employee relocation fee · Employee dormitory installation fee	More than 50 million yen + more than 5 employees (SMEs with 2 or more people)	10%	0.5 billion yen
	More than 10 billion yen + more than 60 employees	(50% of office relocation fee) (and employee relocation fee)	3 billion yen

⑤ Subsidy for establishment of facilities for company tours and experiences

Eligible Industries	Eligible Subsidy Targets	Offer Requirements (Amount of Investment)	Subsidy Rate	Maximum Subsidy
Manufacturing	· Buildings · Facilities	[New Location/ Additional Location] 50 million yen or more for facilities for company tours and experiences	One-third or less	20 million yen or the municipal subsidy amount, whichever is lower
		· Established at the time of transfer or construction of new or additional buildings of headquarters or plants · Facilities at which 5,000 or more visitors are expected per year · Facilities that are expected to influence the regional economy and are provided with municipal subsidies		

2 Support by the Regional Base Promotion Tax System (Support for the establishment of headquarters and R&D facilities)

Regional taxes, etc. are exempted for companies that establish headquarters or R&D facilities in the areas specified by the "Toyama Future Creation Project: Encouraging companies to move to local areas & strengthening business bases".

The definition of head office function is an office or research institute that has one of the stated below, or a training center.
"Survey / Planning Department" "Information processing department" "R & D department" "International Business Division"
"Information services business department" "Other management operations Department"

► Major supporting measures *The facility establishment plan must be prepared and approved by the governor before starting construction or acquiring the facility.

Expansion		Transfer	
Strengthening and expanding the headquarters of companies located in Toyama Prefecture		Shifting headquarters (all or partly) from the Tokyo Metropolitan District to Toyama Prefecture	
Capital investment tax reductions	15% special depreciation or 4% tax deduction for the cost of acquiring office buildings	Capital investment tax reductions	25% special depreciation or 7% tax deduction for the cost of acquiring office buildings
Employment tax reductions	Maximum 600,000 yen tax deduction per new employee	Employment tax reductions	Maximum 900 thousand tax deduction per new employee
Regional tax	Property tax and real estate acquisition tax deduction	Regional tax	Property tax, real estate acquisition tax and business tax deduction

3 Support based on the Regional Future Investment Promotion Act (for capital investment and construction of new or additional plants)

We will give support through tax incentives if you're doing innovative business in the target fields defined in the "Toyama Prefecture Future Investment Promotion Plan (Basic Plan)". As of September, 2023

► Major supports

National tax (corporate tax) reduction	[Incentives] Reduction of the corporate tax burden in the first year of capital investment through special depreciation or tax credit	
	Machinery and equipment, devices and fixtures (If the additional requirements are met)	Special depreciation 40% or tax credit 4% (Special depreciation 50% or tax credit 5%)
	Buildings/Attachments/Constructions	Special depreciation of 20% or tax credit of 2%
Reduction of local tax	[Incentives] Exemption from real estate acquisition tax (prefectural tax) [houses/land] Exemption from property tax (municipal tax) [houses, structures, land] * *The system varies depending on the municipality, so please contact the municipality where you are located for details.	

*A plan for the regional economy promotion project must be prepared and approved by the governor, and its "business innovation" must be confirmed by the national government, before starting construction or acquiring the facility.

4 Loan system for small and medium-sized enterprises (① Corporate Establishment Propulsion Quota, ② Expansion / strengthening of head office functions within the prefecture Support Quota)

- ① Installation of equipment on land created by local governments (upper limit: 200 million yen, period: within 10 years, loan interest rate: within 1.45% per year)
② Newly started a business in the prefecture or within one year after the start (upper limit: 50 million yen, period: within 10 years, loan interest rate: within 1.30% per year)

Both have separate requirements and preferential treatment

5 Logistics Facilities Location Support System (subsidy = investment x subsidy rate)

Offer a subsidy for new location and additional location of logistics facilities in Toyama, depending on amount of investments and number of new employees

Eligible Industries	Eligible Subsidy Targets	Offer Requirements (Amount of investments, New Employment)	Subsidy Rate	Maximum Subsidy
Manufacturing Transport Retailing Wholesaling	Subsidy Subjects Land, Buildings Facilities (Except for the case of facilities acquisition only)	[New Location/Additional Location] 0.5 billion yen + more than 10 employees	5%	0.1 billion yen

[Other requirements] Location Requirements: Within a 5 km area of social capital etc.(ports, interchanges,railway cargo stations etc.)
Facility Requirements: The facilities which contribute to the sophistication of logistics-whose functions are not only storage and distribution but also inventory management, product inspection and packing etc.

6 Subsidy for Shipping Companies Increased subsidies for large shippers. Subsidies are granted focusing on modal shift and new freight.

Target			Requirements	Subsidy Amount	Maximum Subsidy
Shipping company	New freight Modal shift freight	1 st year	Container cargo volume (total import / export) using Fushiki Toyama Port during the current fiscal year is 10-49 TEU	10,000 yen per TEU	2 million yen
			50~99TEU	15,000 yen per TEU	
			100TEU More than	20,000 yen per TEU	
		2 nd ~ 5 th year	Increase by more than 50 TEU	Increase from the previous year's results 10,000 yen per TEU	1 million yen
			Increase by more than 100 TEU	Increase from the previous year's results 20,000 yen per TEU	2 million yen
	Continuous use (more than 6 years)	The volume of container cargo (total import/export) using Fushiki Toyama Port during the current fiscal year has increased by more than 50 TEU from the average cargo volume for the past three years.	Increase difference from average cargo volume for the past 3 years 2,000 yen / TEU	2 million yen	
Trading company, logistics industry			Collect more than 100 TEU and over 50 more TEU than the previous year from shipping companies (2 or more companies)	Increase difference from the previous year's results 20,000 yen per TEU	2 million yen
Trading company, logistics industry			Corporate Establishment Subsidy, Companies that have been decided to be granted a Logistics business facility establishment subsidy or companies that have received approval for a regional economic traction business plan based on the Regional Future Investment Promotion Law use of 10 TEU or more	10,000 yen per TEU * 3 years	1 million yen
Shipping company	Freight RORO vessel (other than used vehicles)		More than 100 tons (or 100m³)	10,000 yen per 20 tons (or m³) increased from the previous year's results	1 million yen

7 Domestic transportation cost subsidy A subsidy for domestic land transportation costs will be issued.

Target		Requirements	Subsidy Amount	Maximum Subsidy
Shipping company	Shift cargo / new cargo	1 TEU or more	1/3 of domestic land transportation cost, upper limit 10,000 yen / TEU	5 hundred thousand yen

8 Trial transportation subsidy For freight companies that use Fushiki-Toyama Port on an experimental basis

Target	Target Expenses	Requirements	Target period	Subsidy Amount	Maximum Subsidy
Trial shipper/ logistics company	Domestic land transport, (It also applies to railway transportation costs) packaging, domestic cargo handling, import/export, sea transport ※Expenses related to service implementation as for small-lot mixed loading slot (logistics company)	Normal slot A company shall carry out trial import/export using Fushiki Toyama Port. (It applies to transportation by new use of the port, or in case of shift from other ports or via new routes, etc.)	Test transportation of the first year	Half of the qualifying cost	1 million yen
		Small-lot mixed loading slot (shipping company) A shipping company shall carry out trial import/export using mixed loading service that employs Fushiki Toyama Port as a departure and arrival port.		Half of the qualifying cost	2 hundred thousand yen ※per undertaking
		(logistics company) A logistics company shall carry out import/export implementing trial mixed loading service (only those using reefer containers) that employs Fushiki Toyama Port as a departure and arrival port.		Two thirds of the balance on service implementation (loss amount)	2.3 hundred thousand yen ※per undertaking

9 Manufacturing company export promotion subsidy A subsidy for the export packaging of industrial products will be issued.

Target	Requirements	Subsidy amount	Maximum Subsidy
Shipping company	①When exporting industrial products (*) using Fushiki Toyama Port, special packaging (sealed wooden box packaging, steel packaging, etc.) should be done. ②Not exporting by ① using Fushiki Toyama Port in the previous year.	Upper limit of 5,000 yen per 1 m³ of packaging	5 hundred thousand yen

* Industrial products: Metal machinery Industrial products that need protection to avoid damage due to vibration.

Nature and Culture

Attractiveness of diverse arts and culture/food

Toyama Prefecture
New Business
Establishment Guide



Tateyama Mountains Viewed from the Amaharashi Coast

View 3,000-meter high mountains over the ocean.

Meiwa (left) and Yoshitsune-iwa (right) in the photo are designated as national scenic spots as "Landscape of Oku no Hosomichi-Ariisokai".



A world-famous tourist spot Yuki-no-Otani (snow canyon) in Tateyama. You can see the 20m snow walls when the Tatetama- Kurobe Alpine Route opens in spring, which attracts many overseas tourists.



Two national treasure temples related with the Kaga Maeda family
Zuiryu-ji Temple(left) • Shokoji temple(right)

It is a large temple of exceptional scale in a remote area, showing the prestige of the Kaga Maeda family. Both temples are designated as a national treasure.



Etchu Yatsuo Owara Kaze no Bon (From September 1 to 3)

"Owara," with a long history of 300 years, is a sorrowful, yet elegant mix of poetic music and dance, which often evokes an emotional response amid an exalted atmosphere. The nostalgic street scene is also a real draw for many people.



Natures Aquarium Toyama Bay Sushi

Toyama Bay, often described as a natural aquarium, is blessed with a wide variety of species which make for excellent seafood. Enjoy Toyama Bay Sushi, featuring the best of Toyama's delicious seasonal catch.



White Shrimp - The jewel of Toyama Bay
It has a clear, light pink color, with a rich texture in sashimi and an elegant sweetness that can only be enjoyed in Toyama.



Yellowtail - The King of Toyama Bay
Toyama Bay's Japanese amberjack, especially Himi's amberjack during the cold season is rated as the finest brand. They are so delicious and special because they have just the right amount of fat and they melt in your mouth.

- Prefectural Borders
- Hokuriku Shinkansen
- JR
- Ainokaze Toyama Railway
- Toyama Chihou Tetsudou Railway
- Trolley Lines
- Expressway
- National Route
- Natural gas pipeline
- Promotion Areas of the Toyama Prefecture Future Investment Project (Promotion Plan)

Toyama Map

• LNG Shipping base (started operation in June 2018) is located at the LNG thermal power station with the latest cutting-edge technology owned by Hokuriku Electric Power Company, Inc.

• Natural gas can be supplied to areas where pipelines are still not available by the use of tankers.

Toyama Shinko Seaside Industrial Site (Imizu City)
 Adjacent to Toyama Shinko Port, part of the Fushiki-Toyama Port, a core international hub port
 Largest Industrial Site on the Sea of Japan side of Japan
 Area: About 427 ha (Area available for sale is about 5.6ha)
 Access: Adjacent to Toyama Shinko Port
 21 km away from Toyama Kitokito Airport
 6 km away from Kosugi Station
 9 km away from Kosugi IC, adjacent to Route 415

• Utilizing INPEX Corporation's natural gas pipeline (Toyama Line)
 • Started full-scale operation in October 2016
 • Direct connection with existing pipelines

The second-stage Southern Kureha Business Park (Toyama City)
 Area: About 19ha
 Access: Adjacent to Toyama Nishi IC
 6 km away from Route 8
 11 km away from Toyama Station on the Hokuriku Shinkansen Line
 15 km away from Fushiki-Toyama Port
 11 km away from Toyama Kitokito Airport
 Developer: Toyama City

Testing /Research Institutes		
1	Toyama Industrial Technology Research and Development Center	
2	Toyama Industrial Technology Research and Development Center (Machinery & Electronics Research Institute)	
3	Toyama Industrial Technology Research and Development Center (Human Life Technology Research Institute)	
4	Toyama Prefectural Institute for Pharmaceutical Research	
5	University of Toyama Institute of Natural Medicine	
6	Toyama Institute of Health	
7	Toyama Design Center	
Universities/ Academic Institutions		
1	University of Toyama Gofuku Campus	
2	University of Toyama Sugitani Campus	
3	University of Toyama Takaoka Campus	
4	Toyama Prefectural University Imizu Campus	
5	Toyama Prefectural University Toyama Campus	
6	Toyama International University	
7	Takaoka University of Law	
8	Toyama National College of Technology Hongo Campus	
9	Toyama National College of Technology Imizu Campus	
10	Hokuriku Vocational Skills Development Academy	
11	Toyama Technology Specialty School	
Industry Support Facilities		
1	University of Toyama Organization for Promotion of Regional Collaboration	
2	Toyama Prefectural University Regional Corporation Center	
3	Toyama New Industry Organization	
4	Toyama Industrial Skills Development Promotion Center (Employment and Human Resources Development of Japan, Toyama Center)	
5	Toyama Center for Industrial Creativity (Incubator Facility)	
6	Toyama Industry Development Center (Incubator Facility)	
Major Industrial Parks		
	Name	Location
1	Shin-Ishida Industrial Complex	Kurobe city
2	Toyama New Port Coastal Industrial Site	Imizu city
3	Kosugi Interpark	Imizu City
4	Ota Industrial Complex	Tonami City
5	Aoshima Industrial Park	Tonami City
6	The second-stage Southern Kureha Business Park	Toyama City
7	Kusano Industrial Housing Complex	Asahi Town
Information for factory sites other than the above mentioned will be provided on request.		

Well-Developed Company Location
Support Systems



Gateway to the Japan Sea Region

An Industrial Center
on the Japan Sea



Few Natural Disasters



High Quality and
Abundant Water

Securing and
developing human resources



Well-Developed Transportation Network

MAKE TOYAMA STYLE

BEYOND CORONA, WITH US

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