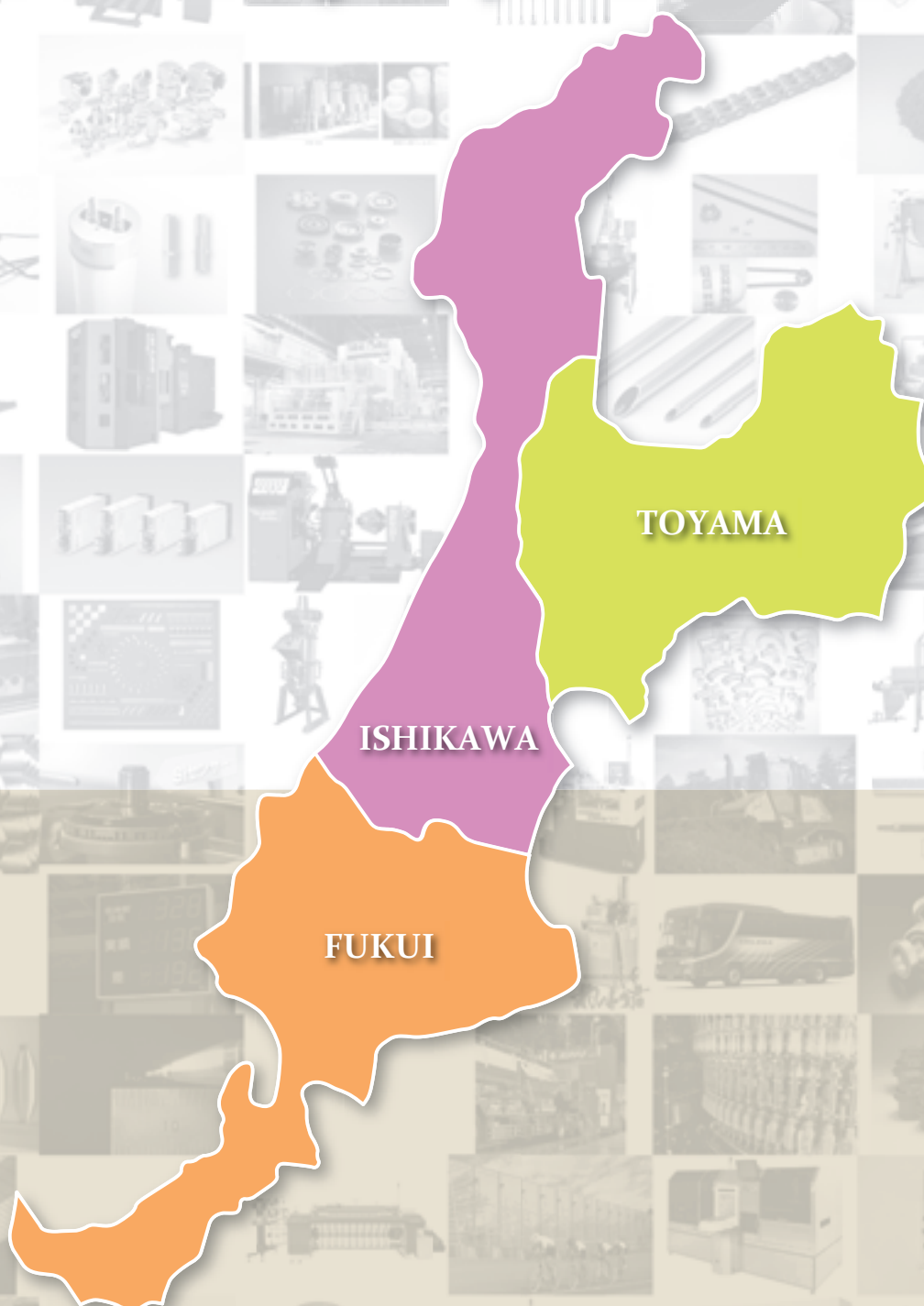


Manufacturing Companies with High Market Share in Hokuriku Area
(Toyama, Ishikawa, and Fukui Prefectures)

Top 150

Market Leading Companies in Hokuriku Area



Selection Criteria for Top 150 Market Leading Companies in Hokuriku

Products have been selected with the following criteria (Technological Excellence, Sustainability and Local Identity) and are shown here with the consent of respective authorities.

- Technological Excellence- the product involves an innovative technique or/and technology and has a high market share.
- Sustainability - the product is expected to be in demand for a long time to keep high share in the market.
- Local Identity - the product identifies itself with Hokuriku and is expected to be chosen for a long.

Top 150

Market Leading Companies in Hokuriku

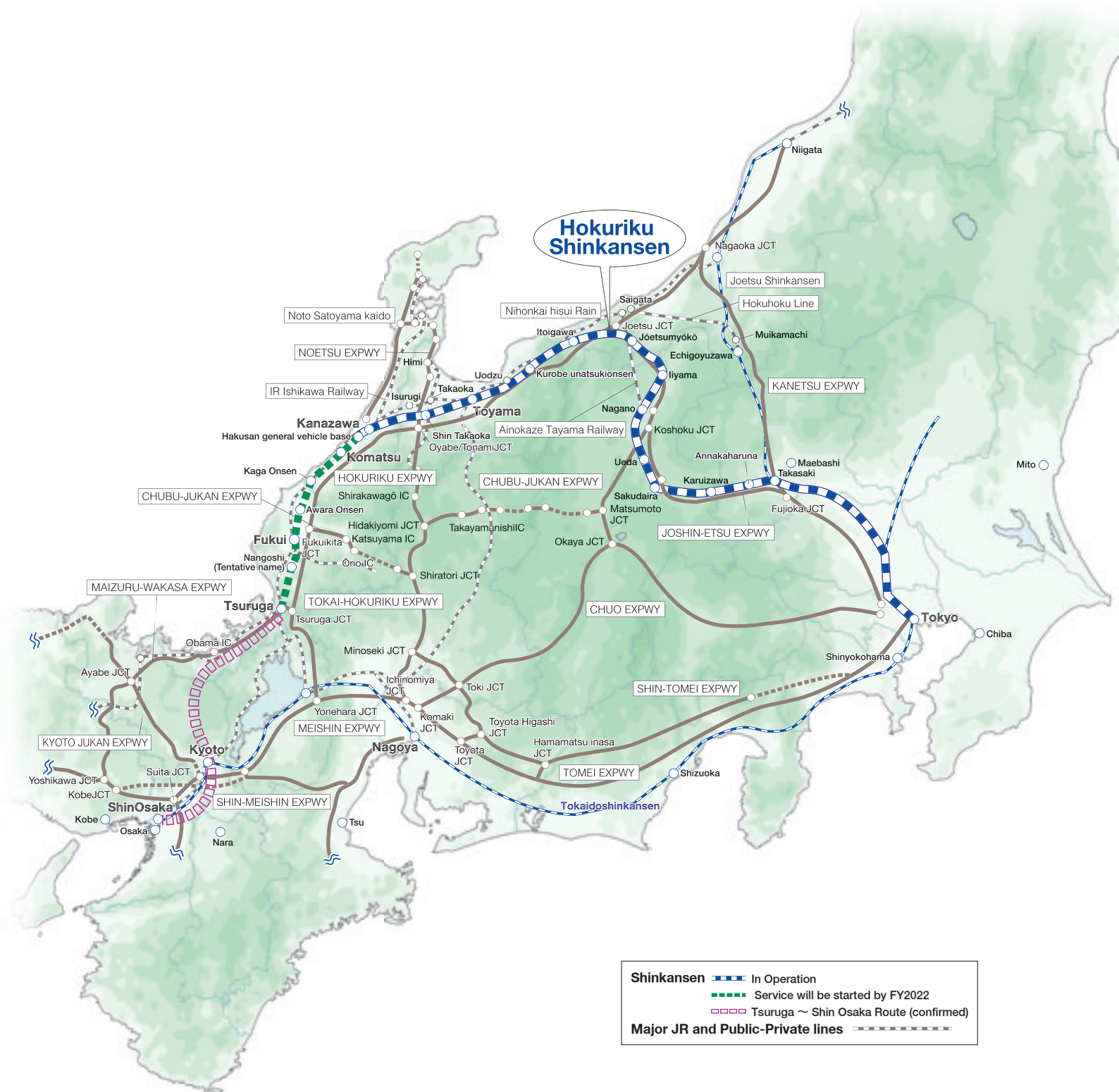
I. Nature of Hokuriku nurture market-leading products	2
II. List of market-leading companies and products in Hokuriku ...	6
III. Introduction of Top Share Product in Hokuriku	12
IV. Introduction of industries in the three Hokuriku prefectures ...	51

I. Nature of Hokuriku nurture market-leading products

Location and Accessibility

Hokuriku lies in the center of Honshu (main) island

A roughly equal distance from the three largest urban areas of Japan; Tokyo Metropolis, Tokai, and Kinki. Hokuriku Shinkansen makes it possible to reach Hokuriku from Tokyo less than 3 hours. Hokuriku is also a major international gateway to neighboring countries since Hokuriku is located in the center of Japan Sea coastline.

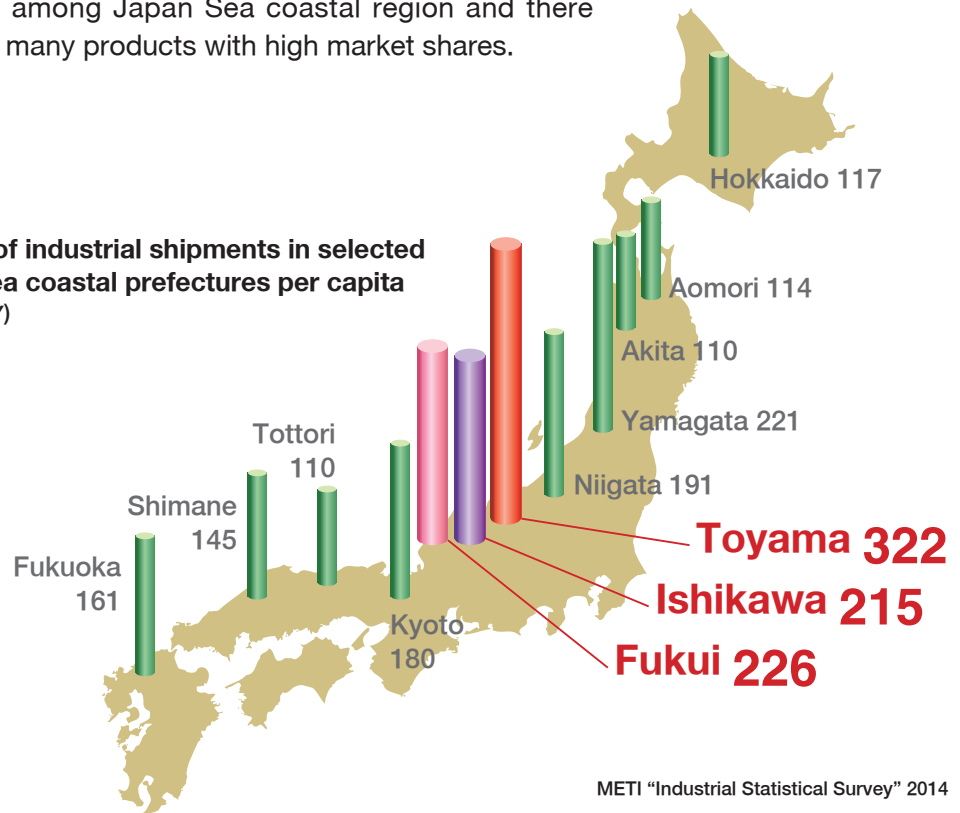




Hokuriku is one of the greatest industrial districts in Japan Sea coastal region.

Hokuriku's industrial production per capita stands out among Japan Sea coastal region and there are many products with high market shares.

■ Amount of industrial shipments in selected Japan Sea coastal prefectures per capita (10,000JPY)



METI "Industrial Statistical Survey" 2014



Gross production of Toyama, Ishikawa, and Fukui

Hokuriku shines with its integrated identity, while each of the three prefectures retains their own characteristics. The industries developed from local traditional craftsmanship become a foundation to create market leaders in the area.

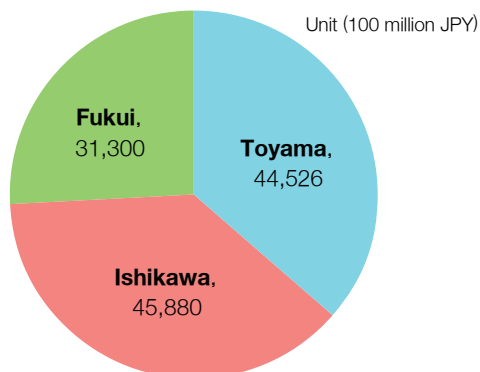


Educated and hardworking / Female friendly working environment

People of Hokuriku are straight and tough. Also, the higher education enrollment ratio is high and employee turn-over rate is low. Many families are 3-generational and double income. The ratio of working women is also high.

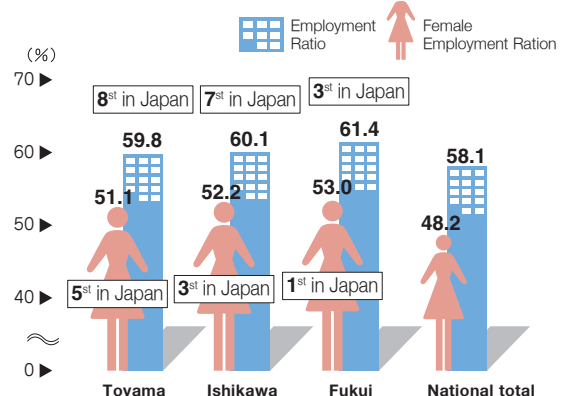
■ Gross production of the three Hokuriku prefectures

Gross production for each Hokuriku prefectures (nominal, FY2014) Total: 12,170.6 billion JPY



Source: MIC "Prefecture Economic Calculation"

■ Employment/Female Employment



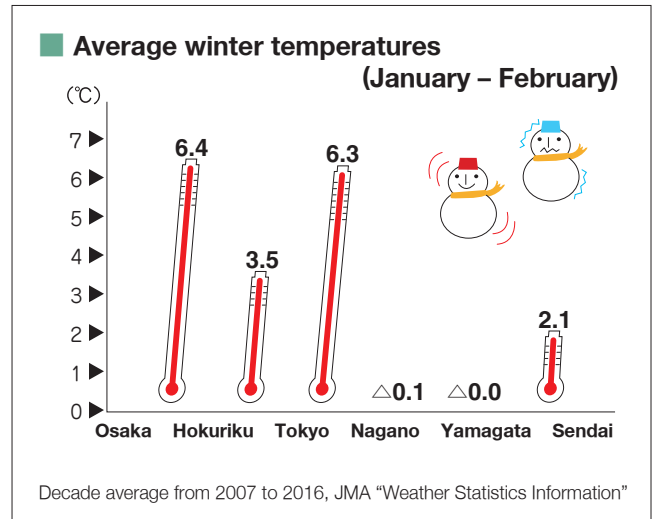
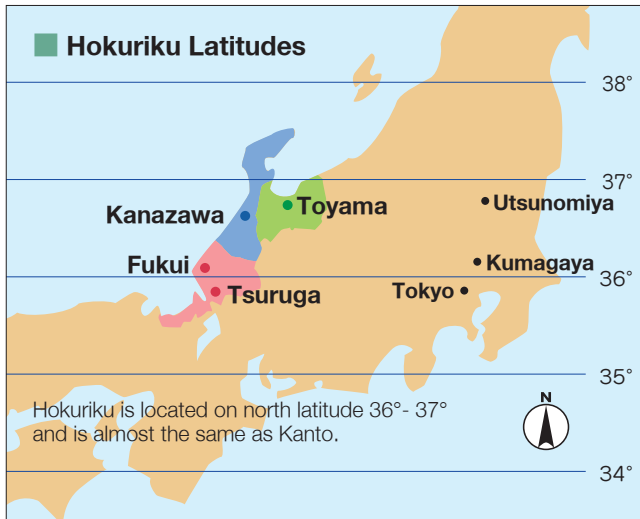
Employment Ratio: Number of Employment / Population 15 years and older
MIC "Employment Basic Structure Survey Report" 2012



Hokuriku is blessed with a rich natural environment for industries

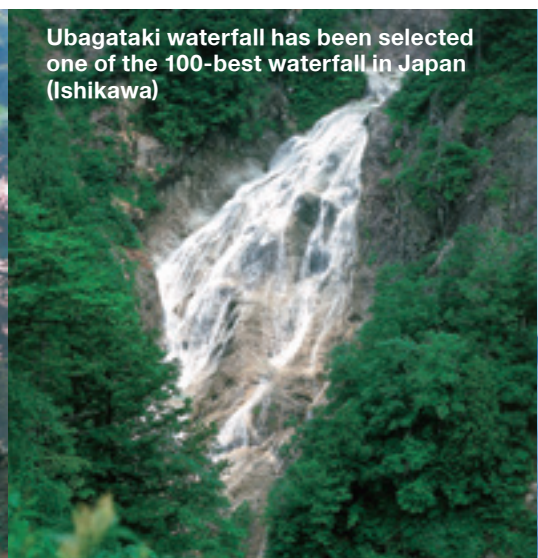
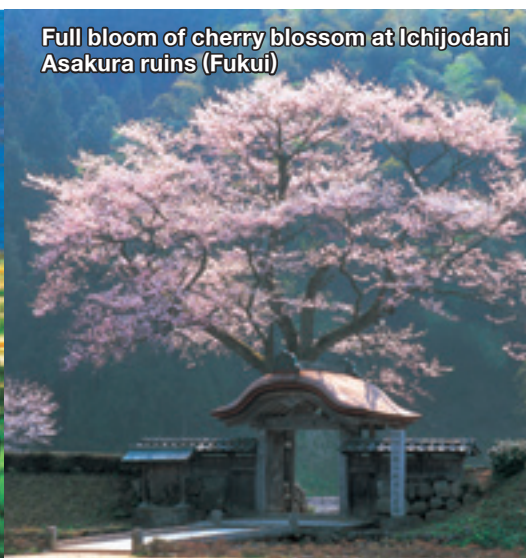
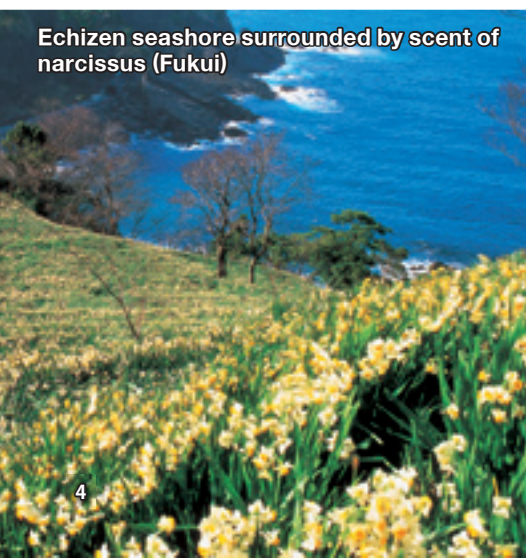
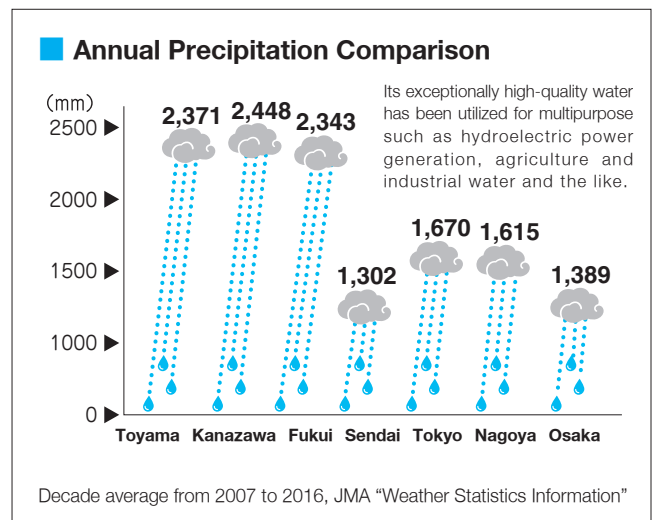
Moderate winter climate

Hokuriku seems to be located in Northern part of Japan, but actually Hokuriku is located on same latitude as Kanto area. In addition, it only goes to 3 - 4 °C during winter time because of the influence by Tsushima Current in Japan Sea.



Blessed with rich nature, Hokuriku has a large reservoir of good water

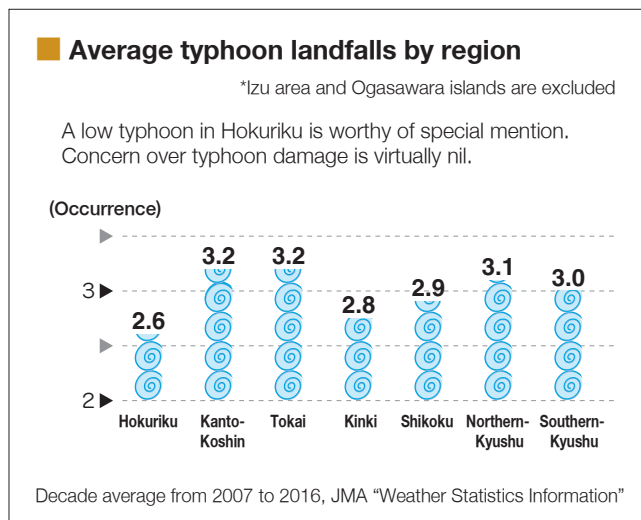
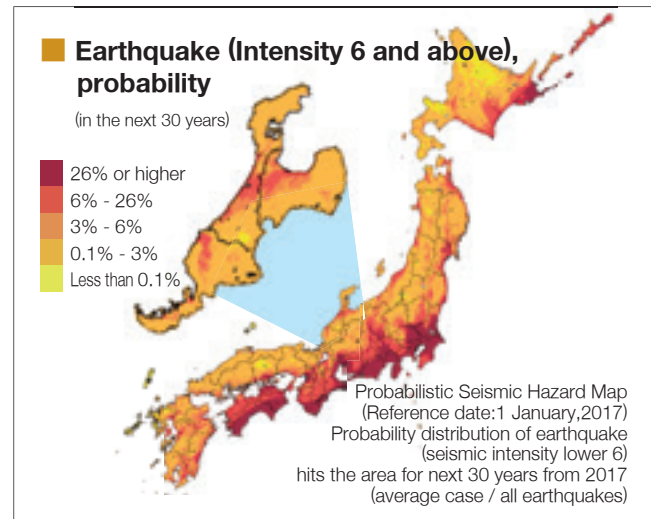
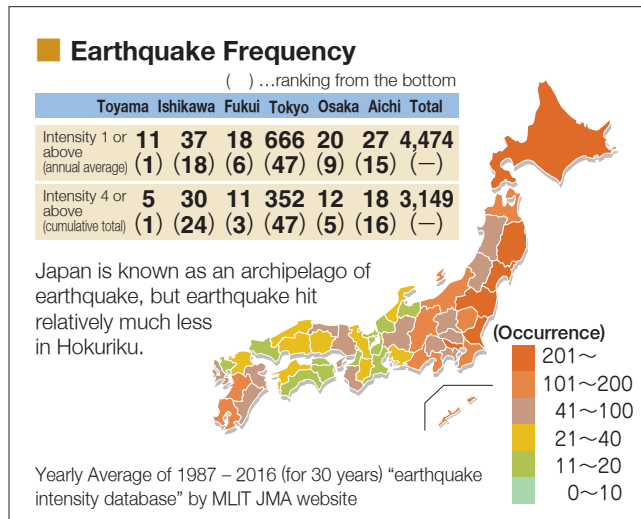
Among the 100 best waters in Japan selected by MOE, 10 places are in the 3 prefectures in Hokuriku. The fact is credited by the high-tech companies require good quality of water.



Hokuriku is a suitable area for industry and living since it's surrounded by beautiful nature like grand mountains and sea.

Few natural disasters

Hokuriku is barely hit by typhoons or earthquakes. The incidents of large-scale disasters are extremely low in this area.



Mitsuke Island is a beloved symbol of Noto peninsula (Ishikawa)



Lake Arimine adorned with autumn leaves (Toyama)



Tateyama mountain range as viewed from Amaharashi beach (Toyama)



II. List of Top Market Leading Companies and Products from Hokuriku

Top Market leading companies from Toyama

42 Companies / 52 Products

TOYAMA

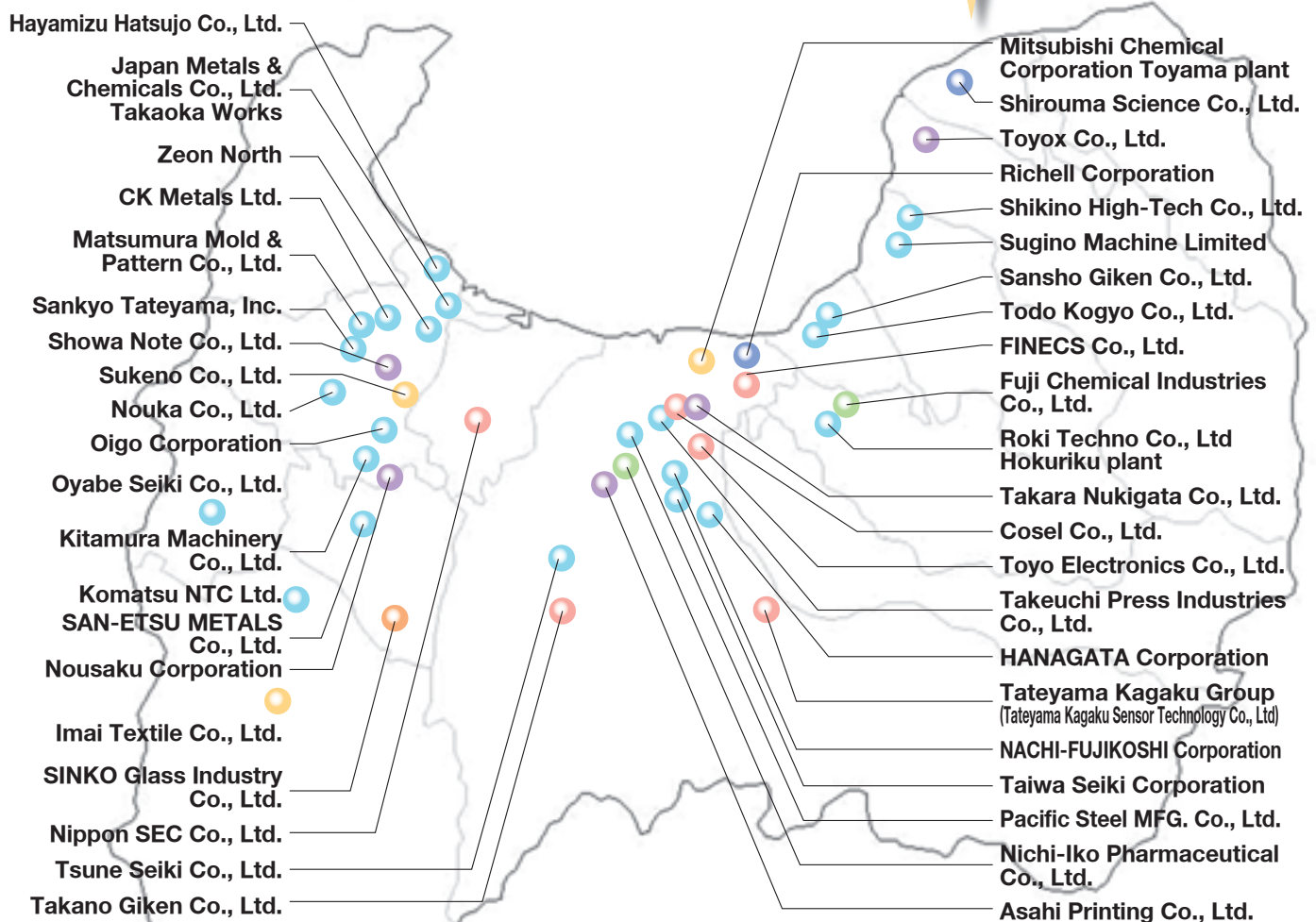
Features of Toyama prefecture

The number of employees per manufacturing industry is relatively large (Toyama is the 6th largest in Japan, 41st for Ishikawa and 39th for Fukui). A large volume orders can be easily accepted based with well-established production systems. The background factors for these characteristics came from the history of strong community spirit based on rice production in the area.

Shipment value in Toyama

Based on "Industrial Statistics 2012" by METI

Rank	Industry type	(100 million JPY) Shipment value
1	Chemical Engineering	5,994
2	Non-ferrous metal Manufacturing	3,996
3	Metal Manufacturing	3,595
4	Industrial Machinery and Equipment Manufacturing	3,347
5	Electronical parts, devices, and circuits Manufacturing	3,047
6	Plastic Product Manufacturing	2,255
7	Iron and Steel Industry	1,885



Company	Product	Page
Machinery & Metal		
Oigo Corporation	Temple bell, fire bell, church bell, and bronze statue	12
Oyabe Seiki Co., Ltd.	De-stack Feeder (Separating and feeding system for steel and aluminum sheets)	12
Kitamura Machinery Co., Ltd.	MyCenter Series / Next generation high-speed multi Machining Centers "MyCenter Series"	12
Komatsu NTC Ltd.	Crankshaft Millers	12
SAN-ETSU METALS Co., Ltd.	Camera mounts	13
Sankyo Tateyama, Inc. (Sankyo Material Company)	Magnesium extruded products	13
Sansho Giken Co., Ltd.	Molds for automotive connectors	13
CK Metals Ltd.	Non PVC fitting and transparent coated ferrule	13
CK Metals Ltd.	CK-e-galvanizing (environmentally friendly hot dip galvanizing)	14
Shikino High-Tech Co., Ltd.	Burn-in equipment and board	14
Shikino High-Tech Co., Ltd.	CMOS sensor camera module	14
Sugino Machine Limited	Wet Pulverizing and Dispersing Device "Star Burst"	14
Zeon North	Aluminum reclamation rotary (melting) furnace	15
Zeon North	Aluminum dross ash disposal equipment / Vibration compression aluminum recovery equipment	15
Pacific Steel MFG. Co., Ltd.	NT roll	15
Taiwa Seiki Corporation	Coin-operated rice milling machine	15
Takeuchi Press Industries Co., Ltd.	Aluminum tubes	16
Takeuchi Press Industries Co., Ltd.	Aluminum aerosol can	16
Tsune Seiki Co., Ltd.	Sawing machine	16
Todo Kogyo Co., Ltd.	Self-aligning clutch release bearing parts	16
Japan Metals & Chemicals Co., Ltd Takaoka Works	Nitriding alloy iron	17
Nouka Co., Ltd.	Aluminum inner bowl for industrial rotation bowl (gas/electromagnetic)	17
HANAGATA Corporation	Automatic Packaging Machine (Film Packaging)	17
Hayamizu Hatsujo Co., Ltd.	Spiral spring for wind-up of automobile seatbelt	17
NACHI-FUJIKOSHI Corporation	Broach cutter (cutting tools)	18
NACHI-FUJIKOSHI Corporation	Double-Row Angular Contact Ball bearing	18
NACHI-FUJIKOSHI Corporation	Wheel Drive Motors and Swing Motors for small Excavators	18
Matsumura Mold & Pattern Co., Ltd.	SLEEVE, VALVE	19
Roki Techno Co., Ltd Hokuriku plant	Ozone generators suitable for sterilization, deodorizing, discoloration and surface reformation	19
Electronical & Electronics		
Cosel Co., Ltd.	Industrial common power supply	30
Takano Giken Co., Ltd.	Electronical passive parts and sensor parts	30
Tateyama Kagaku Group (Tateyama Kagaku Sensor Technology Co., Ltd)	Temperature sensor (Si sensor) or gas cooker	31
Nippon SEC Co., Ltd.	LED indicator	31
FINECS Co., Ltd.	Micro terminal for semiconductor (for mobile devices like Laptop Computer, smartphone and etc.)	31
Textiles		
Imai Textile Co., Ltd.	Weft Insertion Tricot	34
Imai Textile Co., Ltd.	Cupra Tricot	34
Sukeno Co., Ltd.	Socks and leg wears	34
Mitsubishi Chemical Corporation Toyama plant	Triacetate filament yarn	35
Chemicals		
Nichi-Iko Pharmaceutical Co., Ltd.	Generic drugs	39
Fuji Chemical Industries Co., Ltd.	Native astaxanthin	39
Ceramics & Glass		
SINKO Glass Industry Co., Ltd.	Resin laminated glass	42
SINKO Glass Industry Co., Ltd.	Bent glass processing	42
Plastics		
Shirouma Science Co., Ltd.	Injector-like container	43
Richell Corporation	Dog toilet	44
Other		
Asahi Printing Co., Ltd.	Package for pharmaceutical and cosmetic products	45
Showa Note Co., Ltd.	Learning notebooks (for Elementary school students)	45
Takara Nukigata Co., Ltd.	High-precision trimming dies	45
Toyox Co., Ltd.	Pressure-resistant vinyl hoses	46
Toyox Co., Ltd.	Radiant heating and cooling systems	46
Nousaku Corporation	Tableware made of Tin	46
Roki Techno Co., Ltd Hokuriku plant	Filter	46

II. List of Top Market Leading Companies and Products from Hokuriku

Market leading companies from Ishikawa

43 Companies / 53 Products

ISHIKAWA

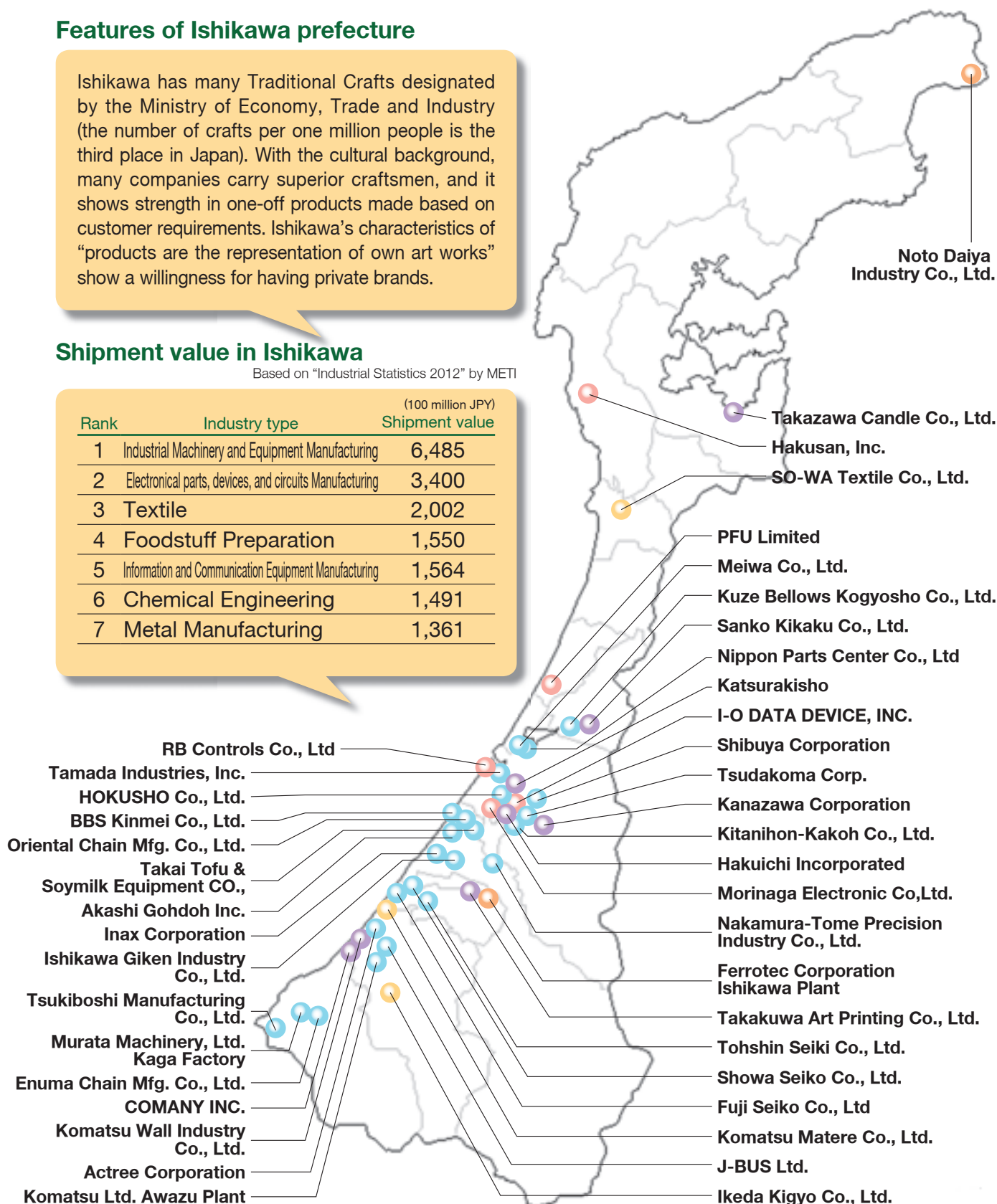
Features of Ishikawa prefecture

Ishikawa has many Traditional Crafts designated by the Ministry of Economy, Trade and Industry (the number of crafts per one million people is the third place in Japan). With the cultural background, many companies carry superior craftsmen, and it shows strength in one-off products made based on customer requirements. Ishikawa's characteristics of "products are the representation of own art works" show a willingness for having private brands.

Shipment value in Ishikawa

Based on "Industrial Statistics 2012" by METI

Rank	Industry type	(100 million JPY) Shipment value
1	Industrial Machinery and Equipment Manufacturing	6,485
2	Electronical parts, devices, and circuits Manufacturing	3,400
3	Textile	2,002
4	Foodstuff Preparation	1,550
5	Information and Communication Equipment Manufacturing	1,564
6	Chemical Engineering	1,491
7	Metal Manufacturing	1,361



Company	Product	Page
Machinery & Metal		
Inax Corporation	Industrial large washing and drying machines	19
Akashi Gohdoh Inc.	Bimetal cylinder blocks	19
Actree Corporation	Incinerator for industrial waste	20
Ishikawa Giken Industry Co., Ltd.	Stainless steel clad pipes for architectural hardware	20
Kitanihon-Kakoh Co., Ltd.	Sushi Conveyor Belt	20
Enuma Chain Mfg. Co., Ltd.	Chain for forklift	20
Oriental Chain Mfg. Co., Ltd.	OCM MINI CHAIN S10	21
Kuze Bellows Kogyosho Co., Ltd	High-performance clean pipes	21
Kuze Bellows Kogyosho Co., Ltd	Clean Fitting	21
Komatsu Ltd. Awazu Plant	Bulldozer (construction and mining equipment)	21
J-BUS Ltd.	Large-size sightseeing bus	22
Shibuya Corporation	Bottling machines	22
Shibuya Corporation	BGA solder ball mounting machine	22
Shibuya Corporation	Regenerative medicine cell culture isolator	22
Showa Seiko Co., Ltd.	CNC drilling machines	23
Showa Seiko Co., Ltd.	Cutter machines	23
Takai Tofu & Soymilk Equipment CO.,	Tofu and deep-fry tofu production machine	23
Tamada Industries, Inc.	Petroleum underground storage tank (S&F double-wall tank)	23
Tsukiboshi Manufacturing Co., Ltd.	Motorcycle hollow shafts, Motorcycle spoke nipple	24
Tsudakoma Corp.	JET LOOM (textile machine)	24
Tohshin Seiki Co., Ltd.	Self-aligning bearing spherical rollers	24
Nakamura-Tome Precision Industry Co., Ltd.	Automatic lens centering machine	24
Nippon Parts Center Co., Ltd.	Bend perforated plates	25
BBS Kinmei Co., Ltd.	Silicon wafer edge polishing system	25
Fuji Seiko Co., Ltd	Radiation shielding door for nuclear power plant	26
HOKUSHO Co., Ltd.	Vertical transfer system (vertical conveyor)	26
Murata Machinery, Ltd. Kaga Factory	Automated winder	26
Murata Machinery, Ltd. Kaga Factory	VORTEX spinning machine	26
Meiwa Co., Ltd.	Dust collection system for agricultural facilities	27
Meiwa Co., Ltd.	pesticide drain water processing device	27
Electronical & Electronics		
RB Controls Co., Ltd	Electronic ignition equipment	31
RB Controls Co., Ltd	Terrestrial digital TV for bathroom	32
I-O DATA DEVICE, INC.	Hard Disk Drive (HDD)	32
I-O DATA DEVICE, INC.	Liquid Crystal Display (LCD)	32
Hakusan, Inc.	MT ferrule	32
PFU Limited	Image scanner	33
Morinaga Electronic Co.,Ltd.	Lightning arresters (high-spec lightning arrester for power supply)	33
Textiles		
Ikeda Kigyo Co., Ltd.	Sleeve lining for men's suits	35
Komatsu Matere Co., Ltd.	Synthetic fabrics for global luxury brands	35
Komatsu Matere Co., Ltd.	Span-thobe for Middle East	35
SO-WA Textile Co., Ltd.	Fabric for uniforms	36
Ceramics & Glass		
Noto Daiya Industry Co., Ltd.	Cutout Diatom Earth table range for business	42
Ferrotec Corporation Ishikawa Plant	Machinable ceramics	42
Other		
Katsurakisho	Badges, medals, company emblems, group participation emblems, oval gold coins, prize medals, metal craft	47
Kanazawa Corporation	Hand truck & service trolley	47
Komatsu Wall Industry Co., Ltd.	Partition (Room divider)	47
COMANY INC.	Partition (Room divider)	47
Sanko Kikaku Co., Ltd.	Embedded road marking sheets	48
Takakuwa Art Printing Co., Ltd.	Sake labels	48
Takazawa Candle Co., Ltd.	Japanese candles	48
Hakuichi Incorporated	Kanazawa gold leaf products (crafts, cosmetics, culinary gold leaf, decorations)	48

II. List of Top Market Leading Companies and Products from Hokuriku

Top Market leading companies from Fukui 37 Companies / 50 Products

FUKUI

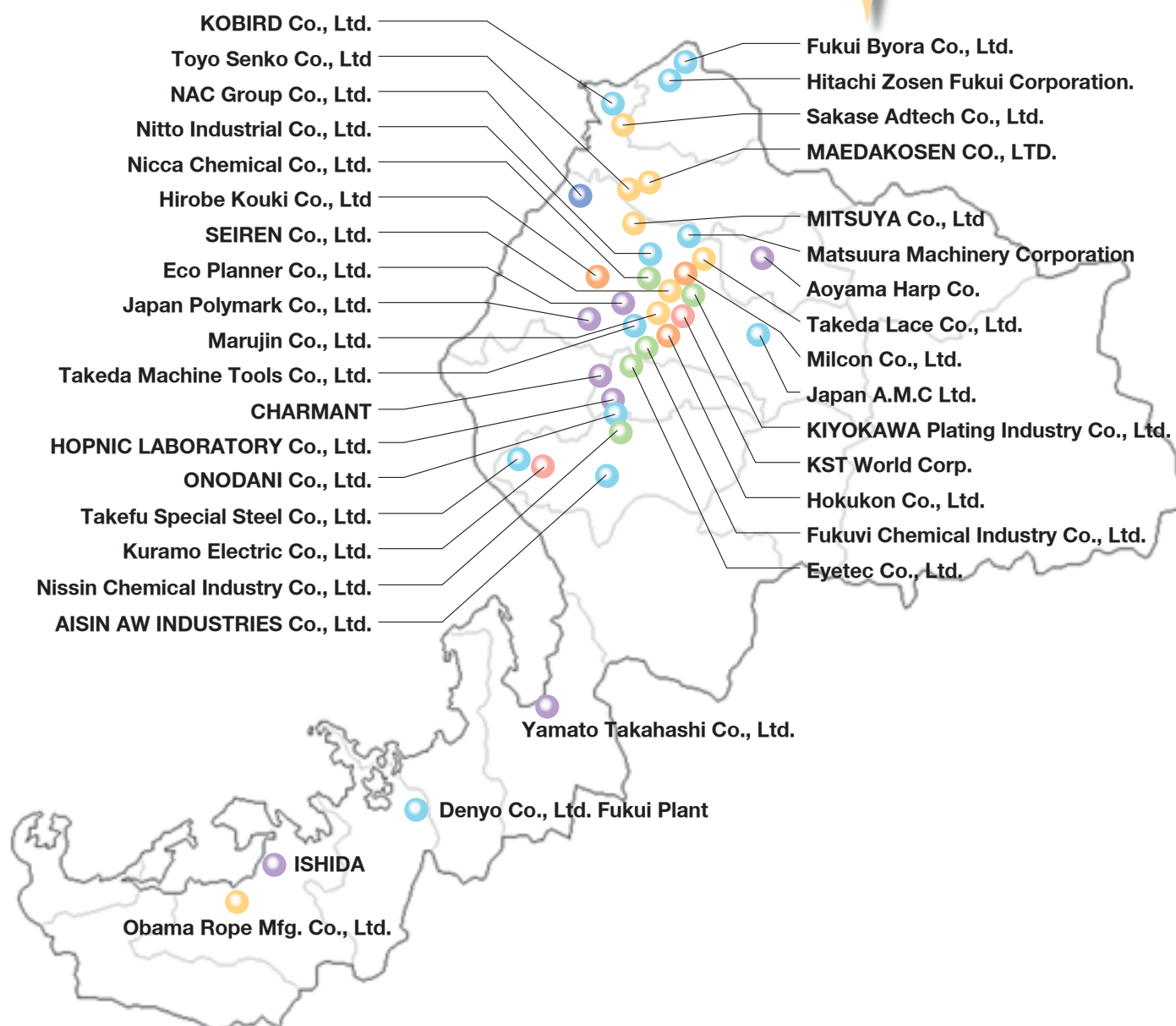
Features of Fukui prefecture

Companies in Fukui tend to have independent mindset and focus on technology development. The number of company's presidents per 100,000 people is the largest in Japan. (Based on the research by Teikoku Databank, Ltd in January 2016)

Shipment value in Fukui

Based on "Industrial Statistics 2012" by METI

Rank	Industry type	(100 million JPY) Shipment value
1	Electronical parts, devices, and circuits Manufacturing	2,735
2	Chemical Engineering	2,640
3	Textile	2,399
4	Electric machinery and equipment	1,560
5	Plastic Product Manufacturing	1,504
6	Non-ferrous metal Manufacturing	1,405
7	Transport machinery and equipment	1,245



Company	Product	Page
Machinery & Metal		
AISIN AW INDUSTRIES Co., Ltd.	Torque Converter (T/C)	27
Hitachi Zosen Fukui Corporation	Large-sized press machines forming bodies and other outer panels of automobile	27
ONODANI Co., Ltd.	Full automatic large tire changer	28
KOBIRO Co., Ltd.	Ultimate incrusting machine exceeding hand-made quality "MAGICHAND"	28
KOBIRO Co., Ltd.	Steaming mixer and oar type kneader for Gyuhi Mochi	28
Takeda Machine Tools Co., Ltd.	Duplex Milling Machine	28
Takefu Special Steel Co., Ltd.	CLAD metal for blade (composite of different kinds of metals)	29
Denyo Co., Ltd. Fukui Plant	Engine generators	29
Nitto Industrial Co., Ltd.	Urethane cutting machines	29
Japan A.M.C Ltd.	Fittings for high-pressure piping	29
Fukui Byora Co., Ltd.	Fluorescent light crimp pin	30
Matsuura Machinery Corporation	5-axis vertical machining center with long unattended operation system	30
Electronical & Electronics		
Kuramo Electric Co., Ltd.	Float switch for submerged pumps	33
Kuramo Electric Co., Ltd.	Cables and Wires for wiring in factory and industrial communication cables	33
KST World Corp.	Wafer with thick thermal oxide film	34
Textiles		
Obama Rope Mfg. Co., Ltd.	Marine ropes	36
Sakase Adtech Co., Ltd.	3-axis fabric composite materials	36
SEIREN Co., Ltd.	Fabric for Car Seat	36
SEIREN Co., Ltd.	Lapping Sheet for Plywood at Construction Site	37
SEIREN Co., Ltd.	Artificial Blood Vessel	37
Takeda Lace Co., Ltd.	Knitting lace for under garments (product name: Forpo Lace / Lacy Liivers)	37
Toyo Senko Co., Ltd.	Finish-up dying process for very light knit	37
MAEDAKOSEN CO., LTD.	Weather-resistant large-size sandbag "Two-ton Bag"	38
Marujin Co., Ltd.	Reflective material "LFU-9000Aurora Color Reflection"	38
Marujin Co., Ltd.	Reflective thread "LFUY-1200-T0275"	38
MITSUYA Co., Ltd.	Cloth for inkjet "Tifone®"	38
Chemicals		
Eyetec Co., Ltd.	Surface treatment processing of eyeglass frames	39
Eyetec Co., Ltd.	Plating of carbon golf shafts	39
KIYOKAWA Plating Industry Co., Ltd.	Nano-plating technology	40
Nicca Chemical Co., Ltd.	Flame retardant	40
Nicca Chemical Co., Ltd.	Water-based polyurethane resin for artificial leather	40
Nicca Chemical Co., Ltd.	Cleanser for dry cleaning	40
Nissin Chemical Industry Co., Ltd.	Vinyl Chloride · Vinyl Acetate Modified Resin "Solbin"	41
Nissin Chemical Industry Co., Ltd.	Vinyl Chloride Resin Emulsion "Vinyblan"	41
Fukuvi Chemical Industry Co., Ltd.	Heating unit and heating container (heating and warming container "Naruhot")	41
Fukuvi Chemical Industry Co., Ltd.	Panels for washroom · bathroom	41
Ceramics & Glass		
Hirobe Kouki Co., Ltd.	Emblems of police and fire department	43
Hokukon Co., Ltd.	Concrete elevator shafts	43
Milcon Co., Ltd.	"JB Rock" enabling quick, natural growth of moss and algae	43
Plastics		
NAC group Co., Ltd.	Traffic mirrors (curve mirror)	44
NAC group Co., Ltd.	Acrylic pipes	44
NAC group Co., Ltd.	Resin mirror plane	44
NAC group Co., Ltd.	(FRA) / NAC · HEALSPA	45
Other		
Aoyama Harp Co.	Concert Harps	49
ISHIDA	Wakasa lacquered chopsticks	49
Eco Planner Co., Ltd.	Intake equipment with moveable barrage "GS Screens"	49
Japan Polymark Co., Ltd.	Various types of caution labels for automobiles (warning notice)	49
CHARMANT	High grade eyeglass frames (40 thousand yen or more)	50
HOPNIC LABORATORY Co., Ltd.	Polarized lens for vision correction	50
Yamato Takahashi Co., Ltd.	Oboro kelp sheets (machine processing)	50

III. Introduction of Top Share Product in Hokuriku

OIGO Corporation

Temple bell, fire bell, church bell, and bronze statue

60% of
market share in Japan

Product outline and features

An all-around manufacture that handles Buddha statues for temples, ritual implements, Buddhist altar articles for temple bells (hanging bells) and other bells, with a No.1 share in Japanese market. OIGO has a record of supplying temples and shrines all over Japan and has accumulated a wide range of expertise.

Address: 47-1 Toide Sakae-machi, Takaoka, Toyama
TEL 0766-63-6336 / **TEL** +81-(0)766-63-6336
FAX 0766-63-6338 / **FAX** +81-(0)766-63-6338
URL <http://www.oigo.jp/>



AR

Oyabe Seiki Co., Ltd.

Share **No.1** in Japan market

De-stack Feeder (Separating and feeding system for steel and aluminum sheets)

Product outline and features

Most car body part consist of steel and aluminum sheet stamped by a large press machine. The equipment can separate one by one from piled sheets and feed it into a large press machine at high speed. It's being installed at most press plant of automobile companies.

Address: 2020 Shibue, Oyabe, Toyama
TEL 0766-69-8131 / **TEL** +81-(0)766-69-8131
FAX 0766-69-8121 / **FAX** +81-(0)766-69-8121
URL <http://www.oyabe-seiki.co.jp/>



AR

Kitamura Machinery Co., Ltd.

10% of market share in the world

MyCenter Series / Next generation high-speed multi Machining Centers "MyCenter Series"

Product outline and features

High Performance Machining Centers can produce more and faster at the minimum cost since the blade is less breakable. (shown in the picture "MyCenter HX250G")
Company address: 1870 Toide-machi, Takaoka, Toyama

TEL 0766-63-1100 / **TEL** +81-(0)766-63-1100
FAX 0766-63-1128 / **FAX** +81-(0)766-63-1128
URL <http://kitamura-machinery.co.jp/>



AR

Komatsu NTC Ltd.

Crankshaft Millers

100% of
market share in Japan

Product outline and features

Processing around fixed crankshaft with the internal milling cutter with chip inside is able to last the chip for long time. It results in the one of the most economical crankshaft miller in the world.

Address: 100 Fukuno, Nanto, Toyama
TEL 0763-22-2161 / **TEL** +81-(0)763-22-2161
FAX 0763-22-2743 / **FAX** +81-(0)763-22-2743
URL <http://ntc.komatsu/>



AR

SAN-ETSU METALS Co., Ltd.

Camera mounts

90% of
market share in the world

Product outline and features

SAN-ETSU METALS has archived high quality via its integrated production system from materials to forging and machining processes. Close tolerance forging technology has realized an overwhelming accuracy of 20 μ , which is highly appreciated by customers.

Address: 1892 Ota, Tonami, Toyama
TEL 0763-33-1212 / **TEL** +81-(0)763-33-1212
FAX 0763-33-1218 / **FAX** +81-(0)763-33-1218
URL <http://www.sanetu.co.jp/>



Sankyo Tateyama, Inc. (Sankyo Material Company)

Magnesium extruded products

Leading market share in Japan

Product outline and features

Sankyo Material Company has the one of the biggest extruding production capacities in Japan and it's only company in Japan to have a large scale extruding magnesium technology. The magnesium made by Sankyo Material Company is used for lens tube for camera, parts for suitcase, equipment for health welfare, audio equipment and the like.

Address: 70 Hayakawa, Takaoka, Toyama
TEL 0766-20-2101 / **TEL** +81-(0)766-20-2101
FAX 0766-20-2082 / **FAX** +81-(0)766-20-2082
URL <http://www.st-grp.co.jp/>



Sansho Giken Co., Ltd.

Molds for automotive connectors

20% of
market share in Japan

Product outline and features

High precision molds that support the reliability of vehicle-mounted precision component. Advanced precision technology has provided molds with long life, which is highly appreciated by customers.

Address: 1586 Kamikoizumi, Namerikawa, Toyama
TEL 076-475-4107 / **TEL** +81-(0)76-475-4107
FAX 076-475-8259 / **FAX** +81-(0)76-475-8259
URL <http://www.sanshogiken.co.jp/>



CK Metals Ltd.

Non PVC fitting and transparent coated ferrule

100% of
market share in Japan

Product outline and features

Transparent coated resin of fitting allows a visual check of screwing conditions for pipes, which securely achieves construction control.

Address: 2-12-1 Shugo-machi, Takaoka, Toyama
TEL 0766-21-1448 / **TEL** +81-(0)766-21-1448
FAX 0766-22-5830 / **FAX** +81-(0)766-22-5830
URL <http://www.ckmetals.co.jp/>




III. Introduction of Top Share Product in Hokuriku

CK Metals Ltd.		100% of market share in the world
CK-e-galvanizing (environmentally friendly hot dip galvanizing)		
Product outline and features The only hot dip galvanizing fully compliant with global environmental regulations, achieving (ensuring) a lead concentration of 50ppm or less, a cadmium concentration of 10ppm or less, and also a chromium concentration of 10ppm or less. It is achieving better corrosion performance but the still the price is same as before.		 <div>AR</div>
Address: 2-12-1 Shugo-machi, Takaoka, Toyama TEL 0766-21-1448 / TEL +81-(0)766-21-1448 FAX 0766-22-5830 / FAX +81-(0)766-22-5830 URL http://www.ckmetals.co.jp/		

Shikino High-Tech Co., Ltd.		market share in Japan... machine: 25% board: 40%
Burn-in equipment and board		
Product outline and features Shikino High-Tech is a top-class supplier of burn-in testing equipment and board for automobiles in Japan. Integrated manufacturing line at own factory make it possible to provide high quality product and flexible services.		 <div>AR</div>
Address: 829 Kichijima, Uozu, Toyama TEL 0765-22-3477 / TEL +81-(0)765-22-3477 FAX 0765-22-3916 / FAX +81-(0)765-22-3916 URL http://www.shikino.co.jp/		

Shikino High-Tech Co., Ltd.		90% of market share in Japan (For ATM at convenience stores)
CMOS sensor camera module		
Product outline and features An embedded camera module product for industry-use which meet high imaging quality and reliability is accepted to ATM at convenience stores in Japan with its versatility and integrated manufacturing at own factory.		 <div>AR</div>
Address: 829 Kichijima, Uozu, Toyama TEL 0765-22-3477 / TEL +81-(0)765-22-3477 FAX 0765-22-3916 / FAX +81-(0)765-22-3916 URL http://www.shikino.co.jp/		

Sugino Machine Limited		55% of market share in Japan
Wet Pulverizing and Dispersing Device "Star Burst"		
Product outline and features Star Burst is a wet-type pulverizing and dispersing device, used to prepare high performance particles that are micronized at the nano-level. This is accomplished by colliding the particles pressurized up to 2500 bar at a relative velocity of Mach 4.		 <div>AR</div>
Address: 2410 Hongo, Uozu, Toyama TEL 0765-24-5111 / TEL +81-(0)765-24-5111 FAX 0765-24-5051 / FAX +81-(0)765-24-5051 URL http://www.sugino.com/index-e.html		

Zeon North

Aluminum Reclamation Rotary (Melting) Furnace

60% of
market share in Japan

Product outline and features

The efficiency of agitation and mixing of scrap materials and molten aluminum has been revolutionarily increased by decentering and rotating the furnace body.

Address: 351 Ejiri, Takaoka, Toyama
TEL 0766-25-1111 / **TEL** +81-(0)766-25-1111
FAX 0766-25-1114 / **FAX** +81-(0)766-25-1114
URL <http://www.zeonnorth.co.jp/>



AR

Zeon North

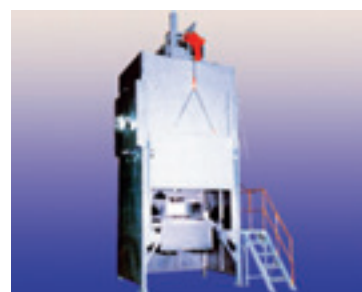
100% of market share in Japan

Vibration compression aluminum recovery equipment for Aluminum Dross Ash Disposing Facility (V-MADOC)

Product outline and features

The product efficiently extracts (recovers) aluminum at low compression by vibrating the aluminum dross generated in aluminum melting to facilitate aluminum separation. This allows the mitigation of problems such as the occurrence of dust and necessity of skills for operation.

Address: 351 Ejiri, Takaoka, Toyama
TEL 0766-25-1111 / **TEL** +81-(0)766-25-1111
FAX 0766-25-1114 / **FAX** +81-(0)766-25-1114
URL <http://www.zeonnorth.co.jp/>



AR

Pacific Steel MFG. Co., Ltd.

NT roll

80% of
market share in the world

Product outline and features

NT Roll is high-carbon forged roll used for shaped steel rolling mills that have been successfully made of cast iron roll materials, which was conventionally considered difficult to hot-work, by means of a special hot forging process. The original product has been significantly improved in strength (resistance to breakage), resistance to heat cracking and wear.

Address: 1-93 Shimoshinnisso-machi, Toyama, Toyama
TEL 076-432-4175 / **TEL** +81-(0)76-432-4175
FAX 076-418-8283 / **FAX** +81-(0)76-418-8283
URL <http://www.pacificsteelmfg.co.jp/>



AR

Taiwa Seiki Corporation

Coin-operated rice milling machine

50% of
market share in Japan
(Including OEM)

Product outline and features



Rice milling practices at various places such as large factories, rice stores, coin-operated rice milling machines, rice milling at home, and the like. Also it is required to keep clean environment and sensitive handling for each milling mode like "partly milled rice" and "no-wash rice". Bright appearance and user-friendliness attract people to use with comfortably.



Address: 186 Seki, Toyama, Toyama
TEL 076-429-5656 / **TEL** +81-(0)76-429-5656
FAX 076-429-7213 / **FAX** +81-(0)76-429-7213
URL <https://www.taiwa-seiki.co.jp/>



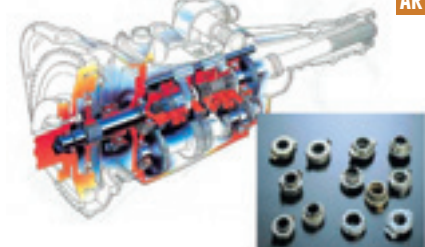

AR

III. Introduction of Top Share Product in Hokuriku

Takeuchi Press Industries Co., Ltd. Aluminum tubes		60% of market share in Japan
Product outline and features High quality aluminum tubes that can apply to various applications such as cosmetics, medical supplies, and adhesives.		 <div>AR</div>
Address: 1-10-1 Akae-machi, Toyama, Toyama TEL 076-441-1856 / TEL +81-(0)76-441-1856 FAX 076-441-2065 / FAX +81-(0)76-441-2065 URL http://www.takeuchi-press.co.jp/		

Takeuchi Press Industries Co., Ltd. Aluminum aerosol can		65% of market share in Japan
Product outline and features Aluminum Aerosol Cans are used for spray and mousse containers for cosmetics, medical supplies, deodorant, and the like. The products are excellent in design for deforming and various surface decorations.		 <div>AR</div>
Address: 1-10-1 Kamiakae-machi, Toyama, Toyama TEL 076-441-1856 / TEL +81-(0)76-441-1856 FAX 076-441-2065 / FAX +81-(0)76-441-2065 URL http://www.takeuchi-press.co.jp/		

Tsune Seiki Co., Ltd. Circular Sawing Machine		40% of market share in Japan
Product outline and features On top of high speed and precision cutting quality, the Circular Sawing Machine provides stable sawing process by solid body which can resist continuous heavy use for long time.		 <div>AR</div>
Address: 852 Fuchu-machi Takahizuki, Toyama, Toyama TEL 076-469-3330 / TEL +81-(0)76-469-3330 FAX 076-469-5244 / FAX +81-(0)76-469-5244 URL http://www.tsune.co.jp/		

Todo Kogyo Co., Ltd. Self-aligning clutch release bearing parts		60% of market share in Japan
Product outline and features It is a bearing part which is embedded in manual transmission and enable to archive high precision processing, micron-order. This technology is the first in the industry.		 <div>AR</div>
Address: 838 Kamijima, Namerikawa, Toyama TEL 076-475-1010 / TEL +81-(0)76-475-1010 FAX 076-475-1081 / FAX +81-(0)76-475-1081 URL https://www.tdknet.co.jp/		

Japan Metals & Chemicals Co., Ltd Takaoka Works

Nitriding Ferroalloys

100% of
market share in Japan

Product outline and features

The product obtained by adding nitrogen to the alloy iron of ferro-manganese-based. It is used for improving the copper performance, like heat resistance, corrosion, and wearing.

Address: 1-1-145 Yoshihisa, Takaoka, Toyama
3F Higashi Kayabacho Yuraku Bldg., 1-17-25 Shinkawa, Chuo, Tokyo
TEL 0766-21-0601 / **TEL** +81-(0)766-21-0601
FAX 0766-25-7043 / **FAX** +81-(0)766-25-7043
URL http://www.jmc.co.jp/company/list/takaoka_works.html



Nouka Co., Ltd.

95% of market share in Japan

Aluminum inner bowl for industrial rotation bowl (gas/electromagnetic)

Product outline and features

This is used for cooking large portion of curry, pan-fried noodles, stewed food, and the like, at school meals. This is very popular in the food industry which provides lunch boxes for convenience stores in Japan. It is also expanding into convenience stores and university cafeterias in Southeast Asian countries.

Address: 2904 Sasagawa, Takaoka, Toyama
TEL 0766-31-1111 / **TEL** +81-(0)766-31-1111
FAX 0766-31-1819 / **FAX** +81-(0)766-31-1819
URL <http://suihan.com/>



HANAGATA Corporation

Automatic Packaging Machine (Film Packaging)

70% of
market share in Japan

Product outline and features

Automatic Packaging Machines are machines for automatically packaging various shapes of commodities just by loading them on the conveyor belt. The product is compact and versatile, with consideration for operability and safety, which has resulted in a delivery record to a wide range of industries.

Address: 417 Yokouchi, Toyama, Toyama
TEL 076-425-1545 / **TEL** +81-(0)76-425-1545
FAX 076-423-3739 / **FAX** +81-(0)76-423-3739
URL <http://www.hanagata.co.jp/>



Hayamizu Hatsujo Co., Ltd.

Spiral spring for winding-up of automobile seat belt

45% of
market share in Japan



Product outline and features


Its spiral power is capable more than enough for winding up the seat belt when unhooked. As an important security component, they are requested the high quality, such as high precision, its durability and also weight saving. They never stop improving its quality.



Address: 2-2-2 Fushikikokubu, Takaoka, Toyama
TEL 0766-44-0550 / **TEL** +81-(0)766-44-0550
FAX 0766-44-0271 / **FAX** +81-(0)766-44-0271
URL <http://www.hayamizu-hatsujo.co.jp/>



III. Introduction of Top Share Product in Hokuriku

NACHI-FUJIKOSHI Corporation Broach cutter (cutting tools)		80% of market share in Japan
Product outline and features Broach cutter is an indispensable tool for mass production of complex shape processing and precision components such as for automobiles and industrial machines.		
Address: 1-1-1 Fujikoshi Honmachi, Toyama, Toyama TEL 076-423-5111 / TEL +81-(0)76-423-5111 FAX 076-493-5211 / FAX +81-(0)76-493-5211 URL http://www.nachi-fujikoshi.co.jp/		

NACHI-FUJIKOSHI Corporation Double-Row Angular Contact Ball bearing		50% of market share in the world
Product outline and features Double-row angular contact bearing are mounted on the clutch transferring engine rotations to the compressor in air conditioners. The product is lightweight and compact, and has high function to endure high speeds and high temperature and vibration.		
Address: 1-1-1 Fujikoshi Honmachi, Toyama, Toyama TEL 076-423-5111 / TEL +81-(0)76-423-5111 FAX 076-493-5211 / FAX +81-(0)76-493-5211 URL http://www.nachi-fujikoshi.co.jp/		

NACHI-FUJIKOSHI Corporation Wheel Drive Motors and Swing Motors for small Excavators		70% of market share in Japan
Product outline and features This product is mounted on small excavators used in a limited area, and provides drive and swing functionality with strength and high-speed.		
Address: 1-1-1 Fujikoshi Honmachi, Toyama, Toyama TEL 076-423-5111 / TEL +81-(0)76-423-5111 FAX 076-493-5211 / FAX +81-(0)76-493-5211 URL http://www.nachi-fujikoshi.co.jp/		

Matsumura Mold & Pattern Co., Ltd.

SLEEVE, VALVE

15% of
market share in the world

Product outline and features

SLEEVE, VALVE are parts for solenoid valves used in continuously variable transmission (CVT). For smoother running, the parts are required to achieve high levels of airtightness and micron-order accuracy.

Address: 805 Choukeiji, Takaoka, Toyama
TEL 0766-25-1715 / **TEL** +81-(0)766-25-1715
FAX 0766-25-1774 / **FAX** +81-(0)766-25-1774
URL <http://www.matsump.com/>



AR

Roki Techno Co., Ltd Hokuriku plant

75% of market share in Japan

Ozone generators suitable for sterilization, deodorizing, discoloration and surface reformation

Product outline and features

Ozone surface reformation enhances the bonding strength of laminated films used for food wrapping. It can also produce clean ozone gas and has 20 years of industry experience.

Address: 40 Hieda, Kamiichi-machi, Nakaniikawa-gun, Toyama
TEL 076-473-0251 / **TEL** +81-(0)76-473-0251
FAX 076-473-1166 / **FAX** +81-(0)76-473-1166
URL <http://www.rokitechno.co.jp/>



AR

Inax Corporation

Industrial large washing and drying machines

50% of
market share in Japan

Product outline and features

It is an industrial large washing machine for dust control tools such as mats and swabs, and linens such as sheets, towels, and tablecloth. The machines are used at cleaning factories all over the Japan.

Address: [HQ] Sumitoseimei Gotanda Bldg., 5-1-11 Osaki, Shinagawa, Tokyo
[Factory] 948 Genpeijima-machi, Hakusan, Ishikawa
TEL 076-277-2211 / **TEL** +81-(0)76-277-2211
FAX 076-277-2644 / **FAX** +81-(0)76-277-2644
URL <http://www.inax-corp.co.jp/>



AR

Akashi Gohdoh Inc.

Bimetal cylinder blocks

50% of
market share in Japan

Product outline and features

Cylinder blocks are compounded type of products which copper alloy is sealed on steel. It is used for high pressure hydraulic pressure pump motor, and it is very well known not only in Japan also in world wide.

Address: 1484 Yokoe-machi, Hakusan, Ishikawa
TEL 076-276-5533 / **TEL** +81-(0)76-276-5533
FAX 076-276-9139 / **FAX** +81-(0)76-276-9139
URL <http://www.akashigo.com/>



AR

III. Introduction of Top Share Product in Hokuriku

Actree Corporation

Incinerator for industrial waste

60% of
market share in Japan

Product outline and features

ACTREE is a leading company in the industry of incinerator for industrial waste. Not only incinerate wastes, but also utilizes its heat for power-generating plant. They are playing a part in solving energy issue to a recyclable society.

Address: 375 Misumi-machi, Hakusan, Ishikawa
TEL 076-277-3380 / **TEL** +81-(0)76-277-3380
FAX 076-277-3329 / **FAX** +81-(0)76-277-3329
URL <http://www.actree.co.jp/>



AR

Ishikawa Giken Industry Co., Ltd.

Stainless steel clad pipes for architectural hardware

50% of
market share in Japan

Product outline and features

This product is used for hanger pipes, baggage racks in trains, and handrails in building and department stores.

Address: 1272-1 Deajima-machi, Hakusan, Ishikawa
TEL 076-277-1145 / **TEL** +81-(0)76-277-1145
FAX 076-277-1041 / **FAX** +81-(0)76-277-1041
URL <http://www.i-giken.co.jp/>



AR

Kitanihon-Kakoh Co., Ltd.

Sushi Conveyor Belt

60-70% of
market share in Japan

Product outline and features

They have been launching new products one after another to meet customer's requirements with such systems as "Sushi Conveyor Belt with Hot Water Supply" and "Express Lane" to take care of individual orders.

Address: 5-10-48 Masuizumi, Kanazawa, Ishikawa
TEL 076-277-1851 / **TEL** +81-(0)76-277-1851
FAX 076-277-1740 / **FAX** +81-(0)76-277-1740
URL <http://isn-net.com/>



AR

Enuma Chain Mfg. Co., Ltd.

Chain for forklift

60% of
market share in Japan

Product outline and features

Roller chains have a transfer efficiency of 98% or more, and allow smooth and silent transfer even at high-speeds. This product is widely used in the construction machine field, and chains for agricultural machinery have an 80% share of the Japanese market.

Address: 300 Kamikawasaki-machi, Kaga, Ishikawa
TEL 0761-72-0286 / **TEL** +81-(0)761-72-0286
FAX 0761-72-1377 / **FAX** +81-(0)761-72-1377
URL <http://www.enuma.co.jp/>



AR

Oriental Chain Mfg. Co., Ltd. OCM MINI CHAIN S10		100% of market share in Japan
Product outline and features The world's smallest chain with a pitch of 3.175mm.		 <div>AR</div>
Address: 485 Miyanagaichi-machi, Hakusan, Ishikawa TEL 076-276-1155 / TEL +81-(0)76-276-1155 FAX 076-274-9030 / FAX +81-(0)76-274-9030 URL http://www.ocm.co.jp/		

Kuze Bellows Kogyosho Co., Ltd High-performance clean pipes		40-50% of market share in Japan
Product outline and features Clean pipes with high performance and quality have been consistently produced with a thorough quality management system from the cold drawn processing of original pipes to electrochemical polishing and precision cleaning.		 <div>AR</div>
Address: Re 74-1 Mianami Chujo, Tsubata, Kahoku, Ishikawa TEL 076-289-4740 / TEL +81-(0)76-289-4740 FAX 076-289-2136 / FAX +81-(0)76-289-2136 URL http://www.kuze.com/kuze/kuzemain.htm		



Kuze Bellows Kogyosho Co., Ltd. Clean Fitting		40-50% of market share in Japan
Product outline and features Piping joins for ultrapure fluid, which have been delivered to IT-related industries as well as medical supplies and food industries. Manufactured using the best technologies accumulated over more than 60 years in cold working, in ISO9001 and JIS Q9100 certified factories, and the products comply with quality requirements.		 <div>AR</div>
Address: Re 74-1 Mianami Chujo, Tsubata, Kahoku, Ishikawa TEL 076-289-4740 / TEL +81-(0)76-289-4740 FAX 076-289-2136 / FAX +81-(0)76-289-2136 URL http://www.kuze.com/kuze/kuzemain.htm		



Komatsu Ltd. Awazu Plant Bulldozer (construction and mining equipment)		60% of market share in Japan (Billdozer)
Product outline and features Bulldozers are construction equipment which excavate and transport crushed stone and sediment, and are used in land leveling work. In 2013, Komatsu introduced a medium size ICT bulldozer into the market, which was equipped with an automatic blade control function for the first time in the world.		 <div>AR</div>
Address: Tsu 23 Futsu-machi, Komatsu, Ishikawa TEL 0761-43-4711 / TEL +81-(0)761-43-4711 FAX 0761-43-0697 / FAX +81-(0)761-43-0697 URL http://www.komatsu.co.jp/		

III. Introduction of Top Share Product in Hokuriku



J-BUS Ltd. Large-sized sightseeing bus		64% of market share in Japan
Product outline and features Under their philosophy “customer-first and human centered policy”, low-pollution busses place consideration on the natural environment.		 <div>AR</div>
Address: Industry Zone, 30 Kushi-machi, Komatsu, Ishikawa TEL 0761-44-8610 / TEL +81-(0)761-44-8610 FAX 0761-44-8651 / FAX +81-(0)761-44-8651 URL http://www.jbus.co.jp/		



Shibuya Corporation Bottling machines		60% of market share in Japan
Product outline and features Bottling machine for cold beverages like sodas and juices, alcohols, seasonings and cosmetics.		 <div>AR</div>
Address: 58 Ko, Mameda Hon-machi, Kanazawa, Ishikawa TEL 076-262-1201 / TEL +81-(0)76-262-1201 FAX 076-223-1914 / FAX +81-(0)76-223-1914 URL http://www.shibuya.co.jp/		

Shibuya Corporation BGA Solder Ball Mounting Machine		80% of market share in Japan
Product outline and features The machines mount microscopic solder balls on electrode terminals on wafers or BGA board with ultra-high degree of accuracy.		 <div>AR</div>
Address: 58 Ko, Mameda Hon-machi, Kanazawa, Ishikawa TEL 076-262-1201 / TEL +81-(0)76-262-1201 FAX 076-223-1914 / FAX +81-(0)76-223-1914 URL http://www.shibuya.co.jp/		

Shibuya Corporation Regenerative Medicine Cell Culture Isolator		About 90% of market share in Japan
Product outline and features This isolator allows for cell culture operation under a sterile environment in which operators are completely separated from cells.		 <div>AR</div>
Address: 58 Ko, Mameda Hon-machi, Kanazawa, Ishikawa TEL 076-262-1201 / TEL +81-(0)76-262-1201 FAX 076-223-1914 / FAX +81-(0)76-223-1914 URL http://www.shibuya.co.jp/		

Showa Seiko Co., Ltd. CNC Drilling Machines		60-70% of market share in Japan
Product outline and features CNC drilling machines provide drill cutting mainly for flat steel materials.		
Address: Re 48-9, Minato-machi, Hakusan, Ishikawa TEL 076-278-2328 / TEL +81-(0)76-278-2328 FAX 076-278-5589 / FAX +81-(0)76-278-5589 URL http://www.showaseiko.co.jp/		

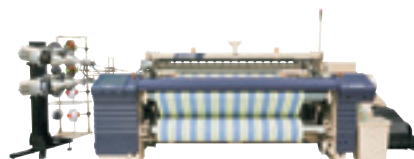

Showa Seiko Co., Ltd. Cutter Machines		70-80% of market share in Japan
Product outline and features Cutter machines are combined machines that provide five type of cutting: punching, angle cutting, shearing, notching, and pipe notching.		
Address: Re 48-9, Minato-machi, Hakusan, Ishikawa TEL 076-278-2328 / TEL +81-(0)76-278-2328 FAX 076-278-5589 / FAX +81-(0)76-278-5589 URL http://www.showaseiko.co.jp/		



Takai Tofu & Soymilk Equipment CO., Tofu and deep-fried tofu production machine		40% of market share in Japan
Product outline and features This control equipment makes tofu by handling many work processes together, from the dipping of raw soybean to cooling.		
Address: 1-1 Inari, Nonoichi, Ishikawa TEL 076-248-1355 / TEL +81-(0)76-248-1355 FAX 076-248-5457 / FAX +81-(0)76-248-5457 URL http://www.takaitofu.com/		



Tamada Industries, Inc. Petroleum underground storage tank (S&F double-wall tank)		70% of market share in Japan
Product outline and features This product has achieved safety and economy by a proprietary technology combining steel with FRP.		
Address: Ha 61-1, Muryouji, Kanazawa, Ishikawa TEL 076-267-4888 / TEL +81-(0)76-267-4888 FAX 076-267-5415 / FAX +81-(0)76-267-5415 URL http://www.tamada.co.jp/		

III. Introduction of Top Share Product in Hokuriku

Tsukiboshi Manufacturing Co., Ltd. Motorcycle Hollow Shafts Motorcycle Spoke Nipple		100% of market share in Japan 95% of market share in Japan
Product outline and features Any kind of material and shape can be processed via the core technology of cold forming and fully-equipped systems for cutting, heat treatment, and surface treatment.		 <div>AR</div>
Address: 71-1-1 Nagai-machi, Kaga, Ishikawa TEL 0761-73-8282 / TEL +81-(0)761-73-8282 FAX 0761-73-8283 / FAX +81-(0)761-73-8283 URL http://www.tsukiboshi.co.jp/		

Tsudakoma Corp. JET LOOM (textile machine)		60% of market share in Japan
Product outline and features JET LOOM weaves ultrahigh-speed by using waterjet and compressed air to insert weft yarn. Tsudakoma produces the most textile machines in total in the world.		 <div>AR</div>
Address: 5-18-18 Oshino-machi, Kanazawa, Ishikawa TEL 076-242-1110 / TEL +81-(0)76-242-1110 FAX 076-243-0671 / FAX +81-(0)76-243-0671 URL https://www.tsudakoma.co.jp/		

Tohshin Seiki Co., Ltd. Self-Aligning Bearing Spherical Rollers		70% of market share in Japan
Product outline and features The product is the type of self-aligning bearing used for industrial machines, and have increased in market share via production facilities with high productivity and precision developed within the group and via the active development of facilities. The global market share of this type of product exceeds 10%.		 <div>AR</div>
Address: Ha 18 Terai-machi, Nomi, Ishikawa TEL 0761-58-5222 / TEL +81-(0)761-58-5222 FAX 0761-58-5221 / FAX +81-(0)761-58-5221 URL http://www.tohshin-inc.co.jp/		

Nakamura-Tome Precision Industry Co., Ltd. Automatic Lens Centering Machine		70% of market share in Japan
Product outline and features This machine automatically grinds the outside diameter of optical glass lenses for cameras or video cameras after polishing the spherical surface.		 <div>AR</div>
Address: Ro 15 Netsuno-machi, Hakusan, Ishikawa TEL 076-273-1111 / TEL +81-(0)76-273-1111 FAX 076-273-4801 / FAX +81-(0)76-273-4801 URL http://www.nakamura-tome.co.jp/		

Nippon Parts Center Co., Ltd

Bend Perforated Plates

60% of
market share in Japan

Product outline and features

Bend Perforated Plates are used as fences to protect roads and facilities against strong winds or dust, and as special fences for inside and outside of building or measures against tsunami.

Address: 3-12-3 Minato, Kanazawa, Ishikawa
TEL 076-238-6111 / **TEL** +81-(0)76-238-6111
FAX 076-238-6459 / **FAX** +81-(0)76-238-6459
URL <http://www.n-parts.jp/>



BBS Kinmei Co., Ltd.

Silicon Wafer Edge Polishing System

90% of
market share in the world



Product outline and features



The system removes foreign materials on edges by grinding the edge so boost yield.

Address: 4-12 Asahigaoka, Hakusan, Ishikawa
TEL 076-275-6131 / **TEL** +81-(0)76-275-6131
FAX 076-275-7021 / **FAX** +81-(0)76-275-7021
URL <http://www.bbskinmei.co.jp/>





III. Introduction of Top Share Product in Hokuriku

Fuji Seiko Co., Ltd Radiation Shielding Door for Nuclear Power Plant		70% of market share in Japan
Product outline and features Special shielding doors used for shielding electromagnetic waves and radiation in medical and nuclear power facilities.		 <div>AR</div>
Address: Ya 25, Ohama-machi, Nomi, Ishikawa TEL 0761-55-0600 / TEL +81-(0)761-55-0600 FAX 0761-55-3428 / FAX +81-(0)761-55-3428 URL http://www.fujiseiko.co.jp/		

HOKUSHO Co., Ltd. Vertical Transfer System (Vertical Conveyor)		40% of market share in Japan
Product outline and features HOKUSHO's vertical transfer system is a transfer mechanism with vertical transfer route that consist of a vertical transfer section and a horizontal transferring section (loading/unloading conveyor or equipment). These sections are automatically controlled, to constitute an integrated transfer facility.		 <div>AR</div>
Address: E 6, Shimeno-machi, Kanazawa, Ishikawa TEL 076-267-3111 / TEL +81-(0)76-267-3111 FAX 076-268-2241 / FAX +81-(0)76-268-2241 URL http://www.hokusho.co.jp/		

Murata Machinery, Ltd. Kaga Factory Automated Winder		40% of market share in the world
Product outline and features The equipment re-looping with compressed air which mounted on an automated winder can loop without knot. It improves a quality of thread and contributes to production of thread and textile.		 <div>AR</div>
Address: So 1-1 Nango-machi, Kaga, Ishikawa TEL 0761-73-2121 / TEL +81-(0)761-73-2121 FAX 0761-73-2134 / FAX +81-(0)761-73-2134 URL http://www.muratec.jp/		

Murata Machinery, Ltd. Kaga Factory VORTEX Spinning machine		100% of market share in the world
Product outline and features "VORTEX spinning" is a technology using the air vortex to spin out the yarn. Fibers formed by these air flows possess a unique structure, and makes the yarn with a wide variety of functionalities.		 <div>AR</div>
Address: So 1-1 Nango-machi, Kaga, Ishikawa TEL 0761-73-2121 / TEL +81-(0)761-73-2121 FAX 0761-73-2134 / FAX +81-(0)761-73-2134 URL http://www.muratec.jp/		

Meiwa Co., Ltd.

Dust Collection System for Agricultural Facilities

80% of
market share in Japan

Product outline and features

The system sucks in dusts which come from agricultural facilities and remove them by shower water droplets. High dedusting efficiency and easy maintenance, and also able to be designed and manufactured according to processing contents and facility environment.

Address: 3-8-1 Minato, Kanazawa, Ishikawa
TEL 076-239-0898 / **TEL** +81-(0)76-239-0898
FAX 076-238-0866 / **FAX** +81-(0)76-238-0866
URL <http://www.meiwa-ind.co.jp/>



Meiwa Co., Ltd.

Pesticide Drain Water Processing Device

90% of
market share in Japan

Product outline and features

The device filters pesticide drain water easily and surely through activated carbon and fine filter, and it makes water available again. Easy to use and less sludge.

Address: 3-8-1 Minato, Kanazawa, Ishikawa
TEL 076-239-0898 / **TEL** +81-(0)76-239-0898
FAX 076-238-0866 / **FAX** +81-(0)76-238-0866
URL <http://www.meiwa-ind.co.jp/>



AISIN AW INDUSTRIES Co., Ltd.

Torque Converter (T/C)

Not Disclosed

Product outline and features

The Torque Converter (T/C) is at the heart of automotive Automatic transmission (A/T) parts that transmits the engine power to the transmission while amplifying the torque through the fluid (oil).

Address: 38 Ikenokamicho, Echizen, Fukui
TEL 0778-25-6611 / **TEL** +81-(0)778-25-6611
FAX 0778-25-6665 / **FAX** +81-(0)778-25-6665
URL <http://www.aw-i.co.jp/>



Hitachi Zosen Fukui Corporation

Not Disclosed

Large-sized Press Machines for automobile body forming process

Product outline and features

It is a large-sized press machine for automobile body forming process. "Total System Up" is the advantage of technology that can provide all facilities and equipment in a press factory including FA system products (automation device to transport materials).

Address: 1-8-28 Jiyugaoka, Awara, Fukui
TEL 0776-73-1220 / **TEL** +81-(0)776-73-1220
FAX 0776-73-3055 / **FAX** +81-(0)776-73-3055
URL <http://www.h-f.co.jp/>



Machinery & Metals

Electrical & Electronics

Textiles

Chemicals

Ceramics & Glass

Plastics

Other

III. Introduction of Top Share Product in Hokuriku

ONODANI Co., Ltd.

Full Automatic Large Tire Changer

100% of market share in Japan

Product outline and features

This product is the world's first fully automatic large tire changer. With only one button operation, you can install and remove a tire of a bus or truck.

Address: 63-1 Iehisacho, Echizen, Fukui
TEL 0778-22-2124 / **TEL** +81-(0)778-22-2124
FAX 0778-24-5533 / **FAX** +81-(0)778-24-5533
URL <http://www.onodani.co.jp/>



AR

KOBIRD Co., Ltd.

Ultimate Incrusting Machine Exceeding Hand-Made Quality "MAGIC HAND"

100% of market share in the world

Product outline and features

MAGICHAND is capable of incrusting foodstuffs with round sheet dough without damaging, producing breads, doughnuts, and Chinese steamed buns of higher quality than those produced by hand-made incrusting.

Address: 36 Haruecho Fujiwashizuka, Sakai, Fukui
TEL 0776-51-5100 / **TEL** +81-(0)776-51-5100
FAX 0776-51-5103 / **FAX** +81-(0)776-51-5103
URL <http://www.kobird.co.jp/>



AR

KOBIRD Co., Ltd.

Steaming Mixer and Oar Type Kneader for Gyuhi Mochi

More than **80%** of market share in Japan

Product outline and features

This machine steams and kneads Habutae-Mochi, providing high-quality products of fine and beautiful tender mochi with long shelf life chewy grain.

Address: 36 Haruecho Fujiwashizuka, Sakai, Fukui
TEL 0776-51-5100 / **TEL** +81-(0)776-51-5100
FAX 0776-51-5103 / **FAX** +81-(0)776-51-5103
URL <http://www.kobird.co.jp/>



AR

Takeda Machine Tools Co., Ltd.

Duplex Milling Machine

65% of market share in Japan

Product outline and features

Duplex Milling Machine is required machines to process 4 sides of materials efficiently and precisely. It is widely used at plate makers specialized in metal plates for parts and mold in domestic and foreign makers. Digitalizing know-how of trained workers make anyone to be able to process high-accuracy plate processing

Address: 1-1-1 Mionocho, Fukui, Fukui
TEL 0776-33-0043 / **TEL** +81-(0)776-33-0043
FAX 0776-33-3343 / **FAX** +81-(0)776-33-3343
URL <http://www.takeda-kikai.co.jp>



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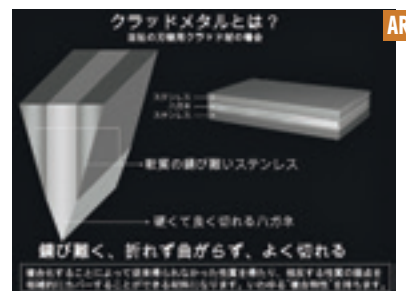
Takefu Special Steel Co., Ltd.

60% of market share in Japan

CLAD Metal for Blade (Dissimilar Metal Bonding Material)**Product outline and features**

Unlike other bonded metals which are produced by plating or adhesives, CLAD metal is produced by layering metal with other dissimilar metals that possess desired characteristics, creating solidly joined and unified layers into a hybrid, characteristically superior metal with an improved bonding interface. CLAD metal features "Compound Characteristics" such as toughness and corrosion resistance, and can be elaborately designed in patterns. Takefu Special Steel is manufacturing various high quality products using our unique technologies and expertise.

Address: 21-2-1 Shiroumarucho, Echizen, Fukui
TEL 0778-24-3666 / **TEL** +81-(0)778-24-3666
FAX 0778-24-3719 / **FAX** +81-(0)778-24-3719
URL <http://www.e-tokko.com/>

**Denyo Co., Ltd. Fukui Plant**

65% of

market share in Japan

Engine Generators**Product outline and features**

Denyo engine generators have been introduced into various facilities as emergency power sources for medical equipment in hospitals, smoke extraction apparatuses in buildings, computers in offices and plants, online systems in banks, and the like, for disasters such as typhoons, earthquakes, and fires.

Address: 38-1 Aida, Wakasacho, Mikatakaminaka, Fukui
 2-8-5 Fukudomecho, Nihonbashi, Chuo, Tokyo
TEL 0770-45-2211 / **TEL** +81-(0)770-45-2211
FAX 0770-45-9010 / **FAX** +81-(0)770-45-9010
URL <http://www.denyo.co.jp/>

**Nitto Industrial Co., Ltd.**

70% of

market share in Japan

Urethane Cutting Machines**Product outline and features**

In recent years, urethane forms have been required strict cutting precision. To meet this requirement, NITTO INDUSTRIAL has enhanced its accumulated technologies to bring out a machine lineup which is currently available in 13 types, including two-dimensional (XYZ control) machines.

Address: 4-30-13 Ninomiya, Fukui, Fukui
TEL 0776-27-6880 / **TEL** +81-(0)776-27-6880
FAX 0776-27-6881 / **FAX** +81-(0)776-27-6881
URL <http://www.nitto-sng.co.jp/>

**Japan A.M.C Ltd.**

70% of

market share in Japan

Fittings for High-Pressure Piping**Product outline and features**

"Fitting" is a piping part which is always used for hydraulic machines such as construction machines, and play an important role in which no leakage is permitted even at high pressure.

Address: 13-8 Ichinamicho, Fukui, Fukui
TEL 0776-96-4631 / **TEL** +81-(0)776-96-4631
FAX 0776-96-4600 / **FAX** +81-(0)776-96-4600
URL <http://www.j-amc.co.jp/>



III. Introduction of Top Share Product in Hokuriku

Fukui Byora Co., Ltd.

Fluorescent Light Crimp Pin

60% of
market share in Japan

Product outline and features

Fukui Byora uses cold forming to produce low cost, high quality metal parts at high speed. Cold forming is considered a green manufacturing technique because it generates very little metal scrap (waste).

Address: 1-7 Yamajuraku, Awara, Fukui
TEL 0776-73-1000 / **TEL** +81-(0)776-73-1000
FAX 0776-73-0111 / **FAX** +81-(0)776-73-0111
URL <http://www.byora.co.jp/>



Matsuura Machinery Corporation

60% of market share in Japan

5-Axis Vertical Machining Center with Long Unattended Operation System

Product outline and features

The 5-axis vertical machining center realizes the high-precision processing of products from any direction. Also, this machining center is equipped with an automatic pallet exchange system in which multiple works can be performed continuously, enabling unattended operation for long periods.

Address: 1-1 Urushiharacho, Fukui, Fukui
TEL 0776-56-8100 / **TEL** +81-(0)776-56-8100
FAX 0776-56-8150 / **FAX** +81-(0)776-56-8150
URL <http://www.matsuura.co.jp/japan/>



Cosel Co., Ltd.

Industrial Common Power Supply

34% of
market share in Japan

Product outline and features

"Switching Power Supply" that converts Alternating-Current (AC) power sending to factories and homes to stable Direct-Current (DC) power is used for a wide range of products like medical, telecom, and FA equipment. It is yet small, lightweight, and highly efficient, also has gained high credibility by using own analog circuit and control technology with the microcomputer.

Address: 1-6-43 Kamiakaemachi, Toyama, Toyama
TEL 076-432-8151 / **TEL** +81-(0)76-432-8151
FAX 076-441-5324 / **FAX** +81-(0)76-441-5324
URL <https://www.cosel.co.jp/>



Takano Giken Co., Ltd.

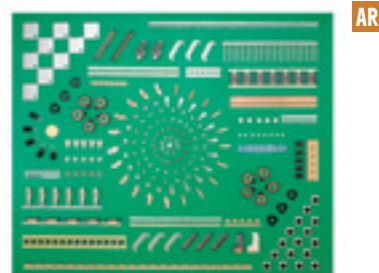
Electronical Passive Parts and Sensor Parts

50% of
market share in the world

Product outline and features

Increasingly, in electronic device industry they are seeking much smaller and higher function electronic parts. Takano Giken conducts integrated production of electronic components with micron precision, from plastic composite molding to self-developed automatic machine assembly processing based on ultra-precision press stamping technology.

Address: 623 Yatsuomachi Sekido, Toyama, Toyama
TEL 076-455-2525 / **TEL** +81-(0)76-455-2525
FAX 076-455-2545 / **FAX** +81-(0)76-455-2545
URL <http://www.takanogiken.co.jp/>



Tateyama Kagaku Group (Tateyama Kagaku Sensor Technology Co., Ltd)**Temperature sensor (Si sensor) for Gas Cooker** 95% of market share in Japan**Product outline and features**

Si sensors are mounted on all gas stove burners. It realizes the safety functions such as overheat prevention/ forgetting to turn-off burning automatic fire extinguishing, the presence or absence detection, automatic rice cooking, water boiling, and cooking assistance by temperature control of the bottom of the pot.

Address: 30 Shimonoban, Toyama, Toyama
TEL 076-483-3088 / **TEL** +81-(0)76-483-3088
FAX 076-483-3089 / **FAX** +81-(0)76-483-3089
URL <http://www.tateyama.jp/>

**Nippon SEC Co., Ltd.****LED Indicator**

35% of market share in Japan

Product outline and features

The LED indicator is a tool for the visualization of production progress in plants. The LED indicator informs administrations in real time of the scheduled quantity, actual quantity, and difference, to improve its production performance.

Address: 8-10 Hibari, Imizu, Toyama
TEL 0766-57-0230 / **TEL** +81-(0)766-57-0230
FAX 0766-57-0233 / **FAX** +81-(0)766-57-0233
URL <http://www.npsec.com/>

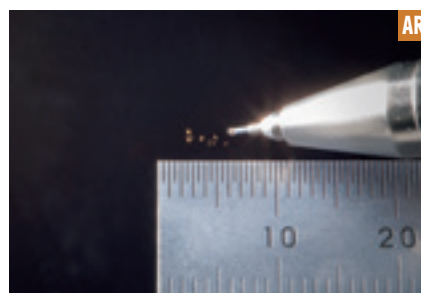
**FINECS Co., Ltd.**

70% of market share in the world

Micro Terminal for Semiconductor (for mobile devices like notebook computer, smartphone and etc.)**Product outline and features**

Ultraprecise micro terminal pin (wire diameter smaller than 0.3mm) is used in CPU and IC for notebook computer, smartphone, tablet computer. FINECS is the No.1 specialized company in the industry for accurate heading processing, and manufacturing micro pin by automated processing machines which are designed and created by in-house.

Address: 415 Funahashi, Funahashimura, Nakaniikawa, Toyama
TEL 076-462-1881 / **TEL** +81-(0)76-462-1881
FAX 076-464-1500 / **FAX** +81-(0)76-464-1500
URL <http://www.finecs.co.jp/>

**RB Controls Co., Ltd****Electronic Ignition Equipment**

70% of market share in Japan

Product outline and features


This is an electric ignition device for fan heater, stove burner, and the like.


Address: Ro 71, Kannondo-machi, Kanazawa, Ishikawa
TEL 076-268-0198 / **TEL** +81-(0)76-268-0198
FAX 076-268-1278 / **FAX** +81-(0)76-268-1278
URL <http://www.rbcontrols.co.jp/>




III. Introduction of Top Share Product in Hokuriku

RB Controls Co., Ltd Terrestrial Digital TV for Bathroom		40% of market share in Japan
Product outline and features These TVs are available in 5.5, 7, 12, and 15-inch sizes, of which the 7 and 12.1-inch sizes provide FM radio reception.		
Address: Ro 71, Kannondo-machi, Kanazawa, Ishikawa TEL 076-268-0198 / TEL +81-(0)76-268-0198 FAX 076-268-1278 / FAX +81-(0)76-268-1278 URL http://www.rbcontrols.co.jp/		


I-O DATA DEVICE, INC. Hard Disk Drive (HDD)		Leading in Japan market
Product outline and features A broad product lineup is available for office and home appliances such as PCs, TV recorders, and video cameras.		
Address: 3-10 Sakurada-machi, Kanazawa, Ishikawa TEL 076-260-3377 / TEL +81-(0)76-260-3377 FAX 076-260-3370 / FAX +81-(0)76-260-3370 URL http://www.iodata.jp/		

I-O DATA DEVICE, INC. Liquid Crystal Display (LCD)		Leading in Japan market
Product outline and features The product lineup includes a 4K-compatible high-definition model, a model equipped with a function to reduce blue light from the display, and the educational models are available to meet the needs of customers.		
Address: 3-10 Sakurada-machi, Kanazawa, Ishikawa TEL 076-260-3377 / TEL +81-(0)76-260-3377 FAX 076-260-3370 / FAX +81-(0)76-260-3370 URL http://www.iodata.jp/		

Hakusan, Inc. MT Ferrule		20% of market share in the world and No.1 in Japan
Product outline and features Hakusan is manufacturing MT Ferrule which is a core component of optical connector widely applied in global datacom and telecom facilities. The quality optical connectors are able to quickly process huge volume of data across the world.		
Address: 2-2 Kuratsuki, Kanazawa, Ishikawa TEL 076-255-2875 / TEL +81-(0)76-255-2875 FAX 076-255-3495 / FAX +81-(0)76-255-3495 URL http://www.hakusan-mfg.co.jp/		

PFU Limited Image scanner		69% of market share in Japan
Product outline and features <p>PFU scanners reliably meet high speed and high quality digitization needs for businesses and individuals, using proprietary state-of-the-art paper feeding and image processing technologies.</p>		
<p>Address: 98-2 Unoke, Kahoku, Ishikawa TEL 076-283-1212 / TEL +81-(0)76-283-1212 FAX 076-283-4689 / FAX +81-(0)76-283-4689 URL https://www.pfu.fujitsu.com/</p>		

Morinaga Electronic Co.,Ltd. Lightning Arresters (High-Spec Lightning Arrester for Power Supply)		20% of market share in Japan
Product outline and features <p>The arrester has adopted a newly-developed surge energy attenuation system. This gives large attenuation to lightning surge energy, which secures electronic systems and equipment against lightning damage.</p>		
<p>Address: 1195 Fukumasu-machi Minami, Kanazawa, Ishikawa TEL 076-240-8111 / TEL +81-(0)76-240-8111 FAX 076-240-8112 / FAX +81-(0)76-240-8112 URL http://www.alp-plp.co.jp/</p>		

Kuramo Electric Co., Ltd. Float Switch for Submerged Pumps		70% of market share in Japan
Product outline and features <p>In the automatic control of submersible drainage pump, the "Float Switch" detects starting and stopping positions as the float goes up and down by its buoyancy depending on water level.</p>		
<p>Address: 10-9 Shimohirabukicho, Echizen, Fukui TEL 0778-22-1500 / TEL +81-(0)778-22-1500 FAX 0778-22-3111 / FAX +81-(0)778-22-3111 URL http://www.kuramo.co.jp/</p>		

Kuramo Electric Co., Ltd. Cables and Wires for wiring in factory and industrial communication cables		Undisclosed market share in Japanmarket share in Japan
Product outline and features <p>Various type of in-factory wiring cables that correspond to use environments for factory and industrial applications that have flexing resistance, twist resistance, oil resistance, noise resistance, etc. The industrial communication cables compatible with various communication systems of industrial network.</p>		
<p>Address: 10-9 Shimohirabukicho, Echizen, Fukui TEL 0778-22-1500 / TEL +81-(0)778-22-1500 FAX 0778-22-3111 / FAX +81-(0)778-22-3111 URL http://www.kuramo.co.jp/</p>		

III. Introduction of Top Share Product in Hokuriku

KST World Corp.

Wafer with Thick Thermal Oxide Film

70% of
market share in the world

Product outline and features

Component substrate for optical telecommunication, to which the deposition processes of various films such as thermal oxide film is applied. This is adopted as a material for optical multiplexer / demultiplexer platforms and for semiconductor devices.

Address: 13-23 Shimorokujocho, Fukui, Fukui
TEL 0776-41-7333 / **TEL** +81-(0)776-41-7333
FAX 0776-41-3037 / **FAX** +81-(0)776-41-3037
URL <http://www.kstworld.co.jp/>



AR

Imai Textile Co., Ltd.

Weft Insertion Tricot

60% of
market share in Japan

Product outline and features

Imai Textile has the share 60% of a special kind of knitting machine, Weft Insertion Tricot, which are only available around 40 machines in whole Japan. Weft Insertion Tricot inserts weft yarn to the normal tricot fabric, and it made the fabric to have advantages of knit such as softness, fitting feeling, lightness, breathing, and wrinkle proof, also to have advantages of physical stability of fabric, texture, and beauty of the surface.

Address: 888 Noguchi, Nanto, Toyama
TEL 0763-62-2235 / **TEL** +81-(0)763-62-2235
FAX 0763-62-2236 / **FAX** +81-(0)763-62-2236
URL <http://www.imaikigyo.ecweb.jp/>



AR

Imai Textile Co., Ltd.

Cupra Tricot

Leading a market in Japan

Product outline and features

Cupra is a regenerated cellulose fiber made by cotton linters, and it has a gloss and soft texture like silk, and also absorption and desorption of moisture. Cupra tricot is the strength of Imai Textile and produces wide range product including cloths in fashion use, liners, inner materials, and artificial leather.

Address: 888 Noguchi, Nanto, Toyama
TEL 0763-62-2235 / **TEL** +81-(0)763-62-2235
FAX 0763-62-2236 / **FAX** +81-(0)763-62-2236
URL <http://www.imaikigyo.ecweb.jp/>



AR

Sukeno Co., Ltd.

Socks and Leg Wears

10% of
market share in Japan

Product outline and features

Sukeno has been manufacturing and selling products that are excellent in material, features, and fashionable for wide range of men, women, and children. Focusing in trending items, Sukeno has offering leg wear that adopts fashions in not only in Japan but also global market.

Address: 1 Kamifusumae, Takaoka, Toyama
TEL 0766-21-1661 / **TEL** +81-(0)766-21-1661
FAX 0766-27-1322 / **FAX** +81-(0)766-27-1322
URL <http://www.sukeno.co.jp/>



AR

Mitsubishi Chemical Corporation Toyama plant

Triacetate Filament Yarn

The top of global market

Product outline and features

Triacetate filament yarn is a semisynthetic fiber made mainly from natural wooden pulp, it both carries advantage of beauty of natural fiber and comfortableness of synthetic fiber. It has a elegant gloss and touch like silk, and is used mainly for high class women clothes.

Address: [Head Office] Palace Bldg., 1-1-1 Marunouchi, Chiyoda, Tokyo
[Plant] 3 Kaigandori, Toyama, Toyama
TEL 076-437-1500 (Toyama) / **TEL** +81-(0)76-437-1500 (Toyama)
FAX 076-437-1563 (Toyama) / **FAX** +81-(0)76-437-1563 (Toyama)
URL <http://www.m-chemical.co.jp/>



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Ikeda Kigyo Co., Ltd.

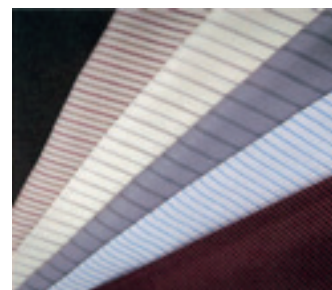
Sleeve Lining for Men's Suits

30% of
market share in Japan

Product outline and features

The sleeve lining is a solid or striped high-grade lining employing Bemberg® (trademark of Asahi Kasei, general fabric name is cupra), reclaimed cellulose fabric made of cotton, which is excellent in the absorption and desorption of moisture, electrostatic characteristics, and smoothness.

Address: Ru 90 Shima-machi, Komatsu, Ishikawa
TEL 0761-43-0552 / **TEL** +81-(0)761-43-0552
FAX 0761-43-0910 / **FAX** +81-(0)761-43-0910
URL <http://www.ikedakigyo.jp/>



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Komatsu Matere Co., Ltd.

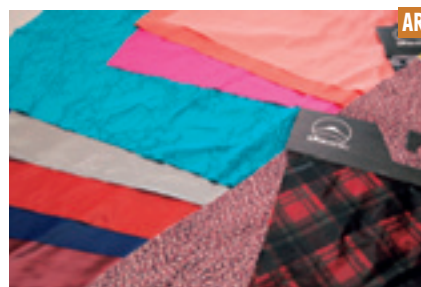
Synthetic fabrics for global luxury brands

50% of
market share in the world

Product outline and features

With many global specialized technologies for synthetic materials such as the world's first reforming technology, Komatsu Matere manufactures advanced original synthetic fabrics, which attract attention from luxury brands around the world.

Address: Nu 167, Hama-machi, Nomi, Ishikawa
TEL 0761-55-1111 / **TEL** +81-(0)761-55-1111
FAX 0761-55-8090 / **FAX** +81-(0)761-55-8090
URL <http://www.komsumatere.co.jp/>



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Komatsu Matere Co., Ltd.

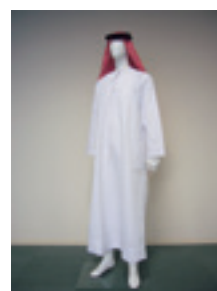
Span-thobe for Middle East

40% of
market share in the world

Product outline and features

Komatsu Matere has introduced 150 white-based colors on a steady basis. It has also recommended the feel and textures of fabrics depending on humidity in each region including internal and coastal regions, and is recognized as a Japanese brand.

Address: Nu 167, Hama-machi, Nomi, Ishikawa
TEL 0761-55-1111 / **TEL** +81-(0)761-55-1111
FAX 0761-55-8090 / **FAX** +81-(0)761-55-8090
URL <http://www.komsumatere.co.jp/>



AR

III. Introduction of Top Share Product in Hokuriku

Machinery & Metals

Electrical & Electronics

Textiles

Chemicals

Ceramics & Glass

Plastics

Other

SO-WA Textile Co., Ltd.

Fabric for Uniforms

42% of
market share in Japan

Product outline and features

SO-WA Textile provides industry clothing including short and long composite materials that meet a high level of functional requirements by industry and category, though one of the best production capabilities and delivery time in Japan.

Address: Nu 8, Hongo-machi, Hakui, Ishikawa
TEL 0767-26-0318 / **TEL** +81-(0)767-26-0318
FAX 0767-26-1793 / **FAX** +81-(0)767-26-1793
URL <http://www.sowatextile.jp/>



Obama Rope Mfg. Co., Ltd.

Marine Ropes

80% of
market share in Japan

Product outline and features

"CE Compounded Rope" is made of compound material and is currently the global standard for ropes. It accounts for an 80% share of the Japan market for large tankers and LNG vessels. Obama Rope has developed and sold a new product, "Quest Line (the world's first straight strand rope in fabric structure)".

Address: 3-10 tada, Obama, Fukui
TEL 0770-56-1234 / **TEL** +81-(0)770-56-1234
FAX 0770-56-1160 / **FAX** +81-(0)770-56-1160
URL <http://www.obamarope.co.jp/>



Sakase Adtech Co., Ltd.

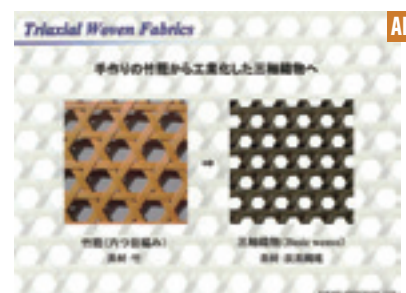
Triaxial Woven Fabric Composites

100% of
market share in the world

Product outline and features

Triaxial Woven Fabric Composites such as fibers longitudinally and diagonally in three directions are characterized by having high strength in all directions. This is used for golf shaft, fishing rods, and satellite antennae.

Address: 14-10 Shimoyasuta, Sakai, Fukui
TEL 0776-66-2115 / **TEL** +81-(0)776-66-2115
FAX 0776-66-0173 / **FAX** +81-(0)776-66-0173
URL <http://www.sakase.co.jp/>



SEIREN Co., Ltd.

Fabric for Car Seat

15-20% of
market share in the world

Product outline and features

Seiren has achieved the comfort, reliability, and energy-saving, and created next generation of automotive interior by broad representation of designs. The unique integrated production system and development capability which create new materials (e.g. QUOLE; new synthetic leather exceeding genuine leather) have been very well received by automotive manufactures around the world.

Address: 1-10-1 Keya, Fukui, Fukui
TEL 0776-35-2111 / **TEL** +81-(0)776-35-2111
FAX 0776-35-2114 / **FAX** +81-(0)776-35-2114
URL <http://www.seiren.com/>



SEIREN Co., Ltd.**Lapping Sheet for Plywood at Construction Site****38%** of
market share in Japan**Product outline and features**

It is an adhesive sheet to protect structural plywood from rain and dirt at construction site by high adhesion and waterproof. With great transparency and surface anti-skid property, it is easy to handle and highly evaluated at construction field.

Address: 1-10-1 Keya, Fukui, Fukui
TEL 0776-35-2111 / **TEL** +81-(0)776-35-2111
FAX 0776-35-2114 / **FAX** +81-(0)776-35-2114
URL <http://www.seiren.com/>



AR

SEIREN Co., Ltd.**Artificial Blood Vessel**

Leading market share in Japan

Product outline and features

It is designed with three-layer consisting of tubular structure and resin layer made of special fabric. Since it easily adapts to body, it has contributed to the shortening of surgeries, and has been very well received in the forefront of medical care field.

Address: 1-10-1 Keya, Fukui, Fukui
TEL 0776-35-2111 / **TEL** +81-(0)776-35-2111
FAX 0776-35-2114 / **FAX** +81-(0)776-35-2114
URL <http://www.seiren.com/>



AR

「新日本様式100選」選出

Takeda Lace Co., Ltd.**40%** of market share in Japan**Knitting Lace for Under Garments (product name: Forpo Lace / Lacy Liivers)****Product outline and features**

Takeda Lace produces laces for innerwear with high added value, and its production volume is among the top in the world. More than 1,000 lace designs are created every year and the integrated production system from twisted yarn, dyeing, and to cut are established. It enforces quality control and own production technique.

Address: 601 Wakaecho, Fukui, Fukui
TEL 0776-54-3440 / **TEL** +81-(0)776-54-3440
FAX 0776-54-5348 / **FAX** +81-(0)776-54-5348
URL <http://www.takedalace.co.jp/>



AR

Toyo Senko Co., Ltd**Finish-up dying process for very light knit****95%** of
market share in Japan**Product outline and features**

Very thin knit soft, high-functioned, and lighter than a tissue paper requires advanced processing technology since it is very dainty to handle. Toyo Senko dyes and finishes processing for most of the parts. Toyo Senko spurs technological aptitude with intensive quality control that makes it possible to supply high quality products stably.

Address: 43-15 Tabata, Haruecho, Sakai, Fukui
TEL 0776-51-2323 / **TEL** +81-(0)776-51-2323
FAX 0776-51-5652 / **FAX** +81-(0)776-51-5652
URL <http://www.toyo-senko.co.jp/>



AR

III. Introduction of Top Share Product in Hokuriku

MAEDAKOSEN CO., LTD.

Leading market share in Japan

Weather-resistant large-size sandbag “Two-ton Bag”

Product outline and features

This is a large sandbag can be used on rivers and roads for emergency circumstances like disaster recovery or temporary road. It can contain 2t of sand. An ultraviolet absorber is protecting from ultraviolet degradation, it can be re-moved and re-used after setting them for long time (3 years).

Address: 38-3 Okinunome, Haruecho, Sakai, Fukui
TEL 0776-51-9202 / **TEL** +81-(0)776-51-9202
FAX 0776-51-9203 / **FAX** +81-(0)776-51-9203
URL <https://www.maedakosen.jp/mdk/>



AR

Marujin Co., Ltd.

Only one in Japan

Reflective material “LFU-9000Aurora Color Reflection”

Product outline and features

This reflective material changes recursive reflected light to be aurora (rainbow color) depending on its angle. (Patented in Japan, USA, Germany and France)

Address: 2-29-5 Hanadonaka, Fukui, Fukui
TEL 0776-36-4212 / **TEL** +81-(0)776-36-4212
FAX 0776-34-2995 / **FAX** +81-(0)776-34-2995
URL <http://marujin-lf.jp/>



AR

Marujin Co., Ltd.

Only one in Japan

Reflective thread “LFUY-1200-T0275”

Product outline and features

Reflected material made by processing high-intensity reflective material on both the front and back and then twisting the micro slit item with polyester yarn to be used as weaving yarn and knitting yarn. (Patented in Japan)

Address: 2-29-5 Hanadonaka, Fukui, Fukui
TEL 0776-36-4212 / **TEL** +81-(0)776-36-4212
FAX 0776-34-2995 / **FAX** +81-(0)776-34-2995
URL <http://marujin-lf.jp/>



AR

MITSUYA Co., Ltd

40% of market share in Japan

Cloth for inkjet “Tifone®”

Product outline and features

Tifone® is a product that is excellent in printing and durability and that is compatible with all large printers. MITSUYA has developed an enhanced resin that maintains the link and its processing method, to prevent printed cloth from losing color even if wet with water.

Address: 69-1 Yamamurocho, Fukui, Fukui
TEL 0776-55-1055 / **TEL** +81-(0)776-55-1055
FAX 0776-55-2060 / **FAX** +81-(0)776-55-2060
URL <http://www.e-mitsuya.jp/>



AR

Nichi-Iko Pharmaceutical Co., Ltd.**Generic Drugs****No.1** sales among Generic Drug Makers in Japan**Product outline and features**

The goal of Nichi-Iko is to deliver "premium quality" product which is exceeding "high quality". Nichi-Iko engages to develop and supply a biosimilar of biological product that works quick and less untoward results and increasing usage rapidly in the world. Also, package dispensing which pursuing patients' convenience, both side cross printing, laser printing, improvement of visibility for printing letters and colors by inkjet printing, Nichi-Iko continues to create and take on a challenge of exceeding present quality to be "premium quality".

Address: 1-6-21 Sogawa, Toyama, Toyama
TEL 076-432-2121 / **TEL** +81-(0)76-432-2121
FAX 076-415-8710 / **FAX** +81-(0)76-415-8710
URL <https://www.nichiiko.co.jp/>



表面



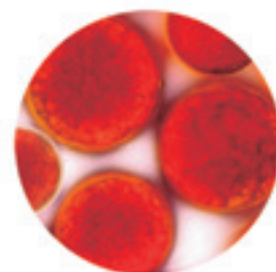
AR

裏面

**Fuji Chemical Industries Co., Ltd.****Native Astaxanthin****40%** of market share in World**Product outline and features**

Astaxanthin is related to carotenoid, reddish orange pigment with strong antioxidant power contained in shrimp and salmon, and the like. It works as an in-body defensive substance and many domestic and international food and cosmetic manufacturers are adopting.

Address: 55 Yokohouonji, Kamiichi-machi, Niikawa, Toyama
TEL 076-472-2323 / **TEL** +81-(0)76-472-2323
FAX 076-472-2330 / **FAX** +81-(0)76-472-2330
URL <http://www.fujichemical.co.jp/>



AR

Eyetec Co., Ltd.**Surface Treatment Processing of Eyeglass Frames****70%** of market share in Japan**Product outline and features**

A variety of high quality surface treatment processing (e.g., plating, coating) adds more value on the design and quality of frames.

Address: 2-6-8 Kaminakacho, Sabae, Fukui
TEL 0778-52-8647 / **TEL** +81-(0)778-52-8647
FAX 0778-51-4136 / **FAX** +81-(0)778-51-4136
URL <http://www.eyetec.co.jp/>



AR

**Eyetec Co., Ltd.****Plating of carbon golf shafts coating****90%** of market share in the world**Product outline and features**

By attaching a metal film by ion plating, finish a sense of quality is realized.

Address: 2-6-8 Kaminakacho, Sabae, Fukui
TEL 0778-52-8647 / **TEL** +81-(0)778-52-8647
FAX 0778-51-4136 / **FAX** +81-(0)778-51-4136
URL <http://www.eyetec.co.jp/>





AR


Crをコーティングしたゴルフシャフト

III. Introduction of Top Share Product in Hokuriku

KIYOKAWA Plating Industry Co., Ltd. Nano-Plating Technology		Not Disclosed
Product outline and features <p>The plating technology of nanometer. (one millionth of a millimeter) It is able to process plating as thin as 50 nm at minimum.</p>		
Address: 1-414 Wadanaka, Fukui, Fukui TEL 0776-23-2912 / TEL +81-(0)776-23-2912 FAX 0776-21-7402 / FAX +81-(0)776-21-7402 URL http://www.kiyokawa.co.jp/		

Nicca Chemical Co., Ltd. Flame retardant		70% of market share in Japan
Product outline and features <p>The product is made from environment and human conscious materials but still has high laundry durability and flameproofness. And it is designed to be less unevenness of dyeing and stains from dyeing machine those which happen during a process for fire-proofing. It can avoid troubles on processing. These products are widely adopted at hotels and hospitals as curtains, and also car seats for automobiles.</p>		
Address: 4-23-1 Bunkyo, Fukui, Fukui TEL 0776-24-0213 / TEL +81-(0)776-24-0213 FAX 0776-21-9227 / FAX +81-(0)776-21-9227 URL http://www.nicca.co.jp/		

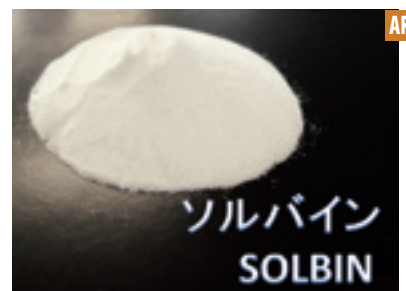
Nicca Chemical Co., Ltd. Water-based polyurethane resin for artificial leather		approx. 100% of market share in Japan
Product outline and features <p>Artificial leather is used for clothes, sofas, bags, and shoes, and most of them are mainly made from polyurethane containing organic solvents. Nicca Chemical has developed environment-friendly water-based polyurethane resin by utilizing unique in-house technologies like the resin synthesis and surface science. These developments contribute manufacturing of the environment-friendly artificial leather.</p>		
Address: 4-23-1 Bunkyo, Fukui, Fukui TEL 0776-24-0213 / TEL +81-(0)776-24-0213 FAX 0776-21-9227 / FAX +81-(0)776-21-9227 URL http://www.nicca.co.jp/		

Nicca Chemical Co., Ltd. Cleanser for dry cleaning		the top of the market share in Japan
Product outline and features <p>It was difficult to wash away water-soluble stains (food, sweat etc.) on suits or sweaters with traditional way of dry cleaning and it was required different process with water. Our cleanser for dry cleaning can works without water using new technology of penetration and surface solubilization. This contributes to shorten the process of the dry cleaning.</p>		
Address: 4-23-1 Bunkyo, Fukui, Fukui TEL 0776-24-0213 / TEL +81-(0)776-24-0213 FAX 0776-21-9227 / FAX +81-(0)776-21-9227 URL http://www.nicca.co.jp/		

Nissin Chemical Industry Co., Ltd.**Vinyl Chloride · Vinyl Acetate Modified Resin “Solbin”****80%** of
market share in Japan**Product outline and features**

Solbin is used as a coating material and a binder of inks. Solbin is excellent in dispersing pigment and inorganic materials, and has been widely used as a coating agent for paper.

Address: 2-17-33 Kitago, Echizen, Fukui
TEL 0778-22-5100 / **TEL** +81-(0)778-22-5100
FAX 0778-24-0657 / **FAX** +81-(0)778-24-0657
URL <https://www.nissin-chem.co.jp/>

**Nissin Chemical Industry Co., Ltd.****Vinyl Chloride Resin Emulsion “Vinyblan”****90%** of
market share in Japan
(wallpaper surface preparation agent)**Product outline and features**

Vinyblan has a large share as a surface treatment agent for wallpaper. Vinyblan is applied as a binder of inks and a coating material, and is applicable to various paper mediums.

Address: 2-17-33 Kitago, Echizen, Fukui
TEL 0778-22-5100 / **TEL** +81-(0)778-22-5100
FAX 0778-24-0657 / **FAX** +81-(0)778-24-0657
URL <https://www.nissin-chem.co.jp/>

**Fukuvi Chemical Industry Co., Ltd.****80-90%** of market share in Japan (bento/lunch box)**Heating Unit and Heating Container (Heating and Warming Container “Naruhot”)****Product outline and features**

This container has a function to heat the inside of the container with steam in a short time without using fire. The heating is conducted by chemical reaction and its exothermic agent (slaked lime) can be reduced naturally after use. This product is widely used such as train lunch box, souvenirs, and even meals at the time of disaster.

Address: 33-66, Sanjyuhassha-cho, Fukui City, Fukui.
TEL 0776-38-8001 / **TEL** +81-(0)776-38-8001
FAX 0776-38-8080 / **FAX** +81-(0)776-38-8080
URL <http://www.fukuvi.co.jp/>



「新日本様式100選」選出

Fukuvi Chemical Industry Co., Ltd.**Panels for Washroom · Bathroom****60%** of
market share in Japan**Product outline and features**

It is covering panels of ceiling and wall in bathroom. It has a high diathermanous and water resistance by technologies of resin such as profile extrusion molding and heat insulator filling. The UV coating on surface prevents from getting stains, and even it does, it is easy to wipe off. It provides warm and comfortable bathroom space during winter time.

Address: 33-66 33-66, Sanjyuhassha-cho, Fukui City, Fukui.
TEL 0776-38-8001 / **TEL** +81-(0)776-38-8001
FAX 0776-38-8080 / **FAX** +81-(0)776-38-8080
URL <http://www.fukuvi.co.jp/>



III. Introduction of Top Share Product in Hokuriku

SINKO Glass Industry Co., Ltd.

Resin Laminated Glass

90% of
market share in Japan

Product outline and features

Resin Laminated Glass is made by combining glass with glass, and glass with polycarbonate mixing with acrylic resin, in order to increase functionality and designing. It is used for various application such as building interiors and exteriors, the cabins of construction, observation windows of machine tools.

Address: 1889-1 Oota, Tonami, Toyama
TEL 0763-33-1779 / **TEL** +81-(0)763-33-1779
FAX 0763-33-1796 / **FAX** +81-(0)763-33-1796
URL <http://www.shinkoglass.co.jp/>



AR

SINKO Glass Industry Co., Ltd.

Bent Glass Processing

70% of
market share in Japan

Product outline and features

SINKO Glass Industry implements high-precision bent glass processing of usual sheet glass for building interiors and exteriors, monuments, refrigerated or frozen showcases, railroad vehicles, and etc. depending on needs.

Address: 1889-1 Oota, Tonami, Toyama
TEL 0763-33-1779 / **TEL** +81-(0)763-33-1779
FAX 0763-33-1796 / **FAX** +81-(0)763-33-1796
URL <http://www.shinkoglass.co.jp/>



AR

Noto Daiya Industry Co., Ltd.

Cutout Diatom Earth Table Range for Business

70-80% of market
share in Japan

Product outline and features

This product is a table top brazier made of diatom earth in Noto where its reserves are the largest in Japan. Since its quality is good, it cuts out the cut soil and finishes it as a product. The diatom earth stove has high heat storage performance, which saves fuel expenditure.

Address: Mu 37 Mozu, Misaki-machi, Suzu, Ishikawa
TEL 0768-82-6711 / **TEL** +81-(0)768-82-6711
FAX 0768-82-6263 / **FAX** +81-(0)768-82-6263
URL <http://www.notodaiya.com/>



AR

Ferrotec Corporation Ishikawa Plant

Machinable Ceramics

60% of
market share in Japan

Product outline and features

Machinable Ceramics is easily processable by machine tool, and is widely used for the heat, insulation and electric insulation of semiconductor equipment, LCD equipment, and OA equipment, and the like.

Address: 1142 Urushijima-machi, Hakusan, Ishikawa
TEL 076-274-9800 / **TEL** +81-(0)76-274-9800
FAX 076-274-7790 / **FAX** +81-(0)76-274-7790
URL <http://www.ft-ceramics.co.jp/>



AR

Hirobe Kouki Co., Ltd

Emblems of Police and Fire Department

70% of
market share in Japan

Product outline and features

Ceramics, also called as pottery, is used for emblems of police and fire departments. Ceramics can maintain their beautiful form almost permanently, even outdoors.

Address: 5-15 Fukatanicho, Fukui, Fukui
TEL 0776-59-1422 / **TEL** +81-(0)776-59-1422
FAX 0776-59-1927 / **FAX** +81-(0)776-59-1927
URL <http://www.hirobe-kouki.co.jp/>



AR

Hokukon Co., Ltd.

Concrete Elevator Shafts

More than 90% of
market share in Japan

Product outline and features

This is a state-of-the-art technology to install elevators in various existing building such as apartments and schools. Compared with conventional construction methods, this is a local resident -friendly construction method which achieves significant reduction in work period and labor saving, and which allows construction to be performed while residents are living there.

Address: 66-20-2 Imaichicho, Fukui, Fukui
TEL 0776-38-3800 / **TEL** +81-(0)776-38-3800
FAX 0776-38-0255 / **FAX** +81-(0)776-38-0255
URL <http://www.hokukon.co.jp/>



AR

Milcon Co., Ltd.

“JB Rock” Enabling Quick, Natural Growth of Moss and Algae

100% of market share in Japan

Product outline and features

JB Rock is a porous concrete product that is excellent in water-absorbing properties, and water and fertilizer retention. Moss is easy to grow naturally, can be matched with the natural landscape at an early stage, contributing to the reduction of CO2 by alleviating the heat-island phenomenon.

Address: 202 Nagamotocho, Fukui, Fukui
TEL 0776-52-8007 / **TEL** +81-(0)776-52-8007
FAX 0776-52-8011 / **FAX** +81-(0)776-52-8011
URL <http://www.milcon.co.jp/>



AR

Shirouma Science Co., Ltd.

Injector-Like Container

Top in market share in Japan

Product outline and features

It is an injector-like container which external cylinder and plunger are made as single-piece by first domestic injection machine. The container is filled with drugs (pain relief, antipyretic, anti-inflammatory), it is not as difficult as the insertion of suppository and no need to worry about excretion during the injection. Since it is not touched directly with the hand, it helps to prevent infectious diseases, etc. It is also easy to handle for elderly people and carers.

Address: 5777 Aoki, Nyuzen-machi, Niikawa, Toyama
TEL 0765-72-0038 / **TEL** +81-(0)765-72-0038
FAX 0765-72-5011 / **FAX** +81-(0)765-72-5011
URL <http://www.shirouma.co.jp/>

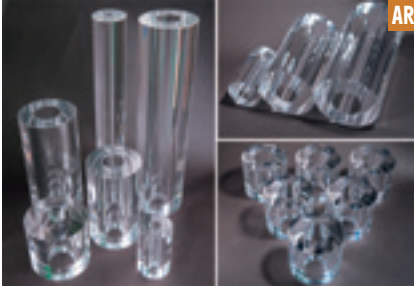


AR

III. Introduction of Top Share Product in Hokuriku

Richell Corporation Dog Toilet		34% of market share in Japan
Product outline and features This product is a toilet adaptable to your dog's growth. The toilet can be used for a long period due to the installation of a plastic mesh when the dog is a puppy and removing it after the dog grows up. It can be entered from any side, and is available in two sizes; regular size and wide size. Being made by plastic, you can wash with water. Non-slip rubber is provided to protect floors from scratches.		 <div>AR</div>
Address: 136 Mizuhashi Sakuragi, Toyama, Toyama TEL 076-478-2155 / TEL +81-(0)76-478-2155 FAX 076-478-5335 / FAX +81-(0)76-478-5335 URL http://www.richell.co.jp/		

NAC group Co., Ltd. Traffic Mirrors (curve mirror)		40% of market share in Japan
Product outline and features Curved mirrors are installed as important items for traffic safety at intersections and crossroads across Japan.		 <div>AR</div>
Address: 8-20 Kushinocho, Fukui, Fukui TEL 0776-83-1188 / TEL +81-(0)776-83-1188 FAX 0766-83-1288 / FAX +81-(0)766-83-1288 URL http://www.nacks.co.jp/		

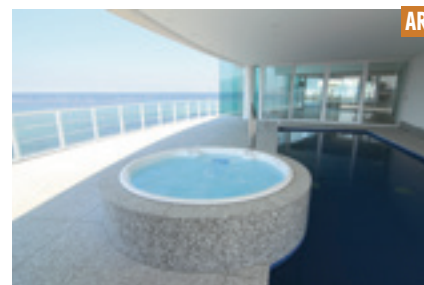
NAC group Co., Ltd. Acrylic Pipes		60% of market share in Japan
Product outline and features Acrylic pipes are used for displays, lighting covers, and aquarium, and the like. It is manufactured and sell external diameter of from 30mm to 2000mm, and lengths of 20000mm.		 <div>AR</div>
Address: 8-20 Kushinocho, Fukui, Fukui TEL 0776-83-1188 / TEL +81-(0)776-83-1188 FAX 0766-83-1288 / FAX +81-(0)766-83-1288 URL http://www.nacks.co.jp/		

NAC group Co., Ltd. Resin Mirror plane		70% of market share in Japan
Product outline and features Resin (acrylic resin, polycarbonate resin) Mirror Planes are used for curved mirrors and store security mirrors, and are manufactured by applying vacuum molding technology.		 <div>AR</div>
Address: 8-20 Kushinocho, Fukui, Fukui TEL 0776-83-1188 / TEL +81-(0)776-83-1188 FAX 0766-83-1288 / FAX +81-(0)766-83-1288 URL http://www.nacks.co.jp/		

NAC group Co., Ltd.**NAC · HEALSPA****100%** of
market share in Japan**Product outline and features**

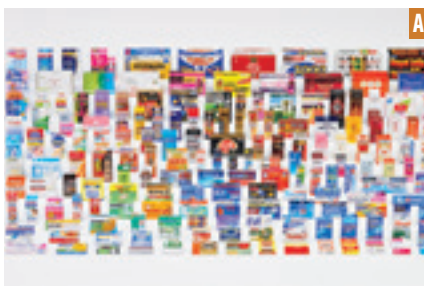
NAC-HEALSPA (called FRA) is a product for which vacuum molded components are reinforced with FRP. It is a large FRA bathtub with functions such as jet, blow and underwater light.

Address: 8-20 Kushinocho, Fukui, Fukui
TEL 0776-83-1188 / **TEL** +81-(0)776-83-1188
FAX 0766-83-1288 / **FAX** +81-(0)766-83-1288
URL <http://www.nacks.co.jp/>

**Asahi Printing Co., Ltd.**About **40%** of market share in Japan**Print Packaging for Pharmaceutical and Cosmetic Products****Product outline and features**

Founded in 1872, ASAHI PRINTING accounts for a top share in manufacturing pharmaceutical packages. It specializes in the manufacture of printed packaging materials for pharmaceuticals and cosmetics, has established the dedicated production lines by product family and market, and provides quality products meeting diverse market needs.

Address: Ichiban-machi Square Bldg., 1-1 Ichiban-machi, Toyama, Toyama
TEL 076-421-1177 / **TEL** +81-(0)76-421-1177
FAX 076-491-6140 / **FAX** +81-(0)76-491-6140
URL <http://www.asahi-pp.co.jp/>

**Showa Note Co., Ltd.**About **50%** of market share in Japan**Learning Notebooks (for Elementary School Students)****Product outline and features**

SHOWA NOTE has manufactured learning items including "Japonica Learning Notebook", and manufactures and sells character stationaries. Japonica learning notebooks, a longtime seller since going on sale in 1970, was approved as a 3D trademark in December 2013. Everyone is familiar with these notebooks.

Address: 850 Sano, Takaoka, Toyama
TEL 0766-22-6201 / **TEL** +81-(0)766-22-6201
FAX 0766-25-1959 / **FAX** +81-(0)766-25-1959
URL <http://www.showa-note.co.jp/>

**Takara Nukigata Co., Ltd.****High-precision trimming dies**About **60%** of
market share in Japan**Product outline and features**


TAKARA NUKIGATA has created high-precision dies for packages, gaskets, flexible substrates, and LCD films.


Address: 3-1-1 Kamifugo, Toyama, Toyama
TEL 076-451-4020 / **TEL** +81-(0)76-451-4020
FAX 076-451-4021 / **FAX** +81-(0)76-451-4021
URL <http://www.takaranukigata.jp/>



III. Introduction of Top Share Product in Hokuriku

Toyox Co., Ltd. Pressure-Resistant Vinyl Hoses		72% of market share in Japan
Product outline and features TOYOX has developed, manufactured, and sold pressure hoses and couplings for piping plant equipment, foods, beverages, shower, and home watering.		
Address: 4371 Maezawa, Kurobe, Toyama TEL 0765-52-3131 / TEL +81-(0)765-52-3131 FAX 0765-52-4245 / FAX +81-(0)765-52-4245 URL http://www.toyox.co.jp/		

Toyox Co., Ltd. Radiant Heating and Cooling Systems		65% of market share in Japan
Product outline and features TOYOX has developed, manufactured, and sold next generation air conditioning that is energy-saving, healthy and comfortable. It provides quiet and windless spaces improving intellectual productivity.		
Address: 4371 Maezawa, Kurobe, Toyama TEL 0765-52-3131 / TEL +81-(0)765-52-3131 FAX 0765-52-4245 / FAX +81-(0)765-52-4245 URL http://www.toyox.co.jp/		

Nousaku Corporation Tablewares Made of Tin		65% of market share in Japan
Product outline and features Known as the most expensive metal after gold and silver, tin is very malleable and bendable. It is normally mixed with other metals in products to increase its hardness, but NOUSAKU uses 100% tin. It may be a counterintuitive concept but this idea makes us accomplish to make unique products which can be bent and used. Though tin resembles silver in its whiteness, it does not rust nor tarnish easily. Also, pure tin is significantly antibacterial and safe for serving foods, therefore suitable material for tableware or accessories.		
Address: 8-1 Office Park, Takaoka, Toyama TEL 0766-63-5080 / TEL +81-(0)766-63-5080 FAX 0766-63-5510 / FAX +81-(0)766-63-5510 URL http://www.nousaku.co.jp/		

Roki Techno Co., Ltd Hokuriku plant Filter		31% of market share in Japan
Product outline and features Li-ion batteries consist mainly of positive-electrode material, negative-electrode material, electrolyte, and separator. In order to remove any foreign substance and aggregation substance from these main materials, it is required to have very precise filtering technology. ROKI TECHNO has developed these filtering system for battery products, and the filtering technology contributes highly to high-capacity and safety of batteries.		
Address: 40 Hieda, Kamiichi-machi, Nakaniikawa, Toyama TEL 076-473-0251 / TEL +81-(0)76-473-0251 FAX 076-473-1166 / FAX +81-(0)76-473-1166 URL http://www.rokitechno.co.jp/		

Katsurakisyo Co.,Ltd 30% of market share in Japan	
Badges, Medals, Company Emblems, Group Participation Emblems, Oval Gold Coins, Prize Medals, Metal Craft	
Product outline and features Katsurakisyo has been engaged in die carving, press work, plating with gold, silver and copper, and various finishing process of their own design.	 AR
Address: Ha 30-14 Futatsudera-machi, Kanazawa, Ishikawa TEL 076-268-1611 / TEL +81-(0)76-268-1611 FAX 076-268-1634 / FAX +81-(0)76-268-1634 URL http://katsurakisyo.com/	

Kanazawa Corporation More than 90% of market share in Japan	
Hand Truck & Service Trolley	
Product outline and features KANAZAWA CORPORATION is a leading manufacturer of hand truck and service trolley which are used to carry foods and beverages at hotels, restaurants, and banquet hall.	 AR
Address: 1-1 Hosai, Kanazawa, Ishikawa TEL 076-262-1511 / TEL +81-(0)76-262-1511 FAX 076-262-1514 / FAX +81-(0)76-262-1514 URL http://www.kanazawa-corporation.com/	

Komatsu Wall Industry Co., Ltd. 25% of market share in Japan	
Partition (Room divider)	
Product outline and features KOMATSU WALL offers a wide range of products, including mobile partitions and movable partitions that meet space and various requirements.	 AR
Address: 1-72 Industry Zone, Komatsu, Ishikawa TEL 0761-21-3131 / TEL +81-(0)761-21-3131 FAX 0761-21-3127 / FAX +81-(0)761-21-3127 URL https://www.komatsuwall.co.jp/	

COMANY INC. 24% of market share in Japan <small>(As of March 2018, by industry research)</small>	
Partition (Room divider)	
Product outline and features COMANY offers a product lineup pursuing functionality and design according to each application, which covers every space including office, welfare facility, factory, educational facility and so on.	 AR
Address: 1-93 Industrial Park, Komatsu, Ishikawa TEL 0761-21-1144 / TEL +81-(0)761-21-1144 FAX 0761-24-3930 / FAX +81-(0)761-24-3930 URL https://www.comany.co.jp/	

III. Introduction of Top Share Product in Hokuriku

Machinery & Metals

Electrical & Electronics

Textiles

Chemicals

Ceramics & Glass

Plastics

Other

Sanko Kikaku Co., Ltd.

Embedded Road Marking Sheets

60% of
market share in Japan

Product outline and features

These sheets are affixed to the surface of roads, parking spaces, and the like, and can be marked for a long period because they are embedded and have excellent durability.

Address: 11-2 Asahi-yama, Tsubata, Kahoku, Ishikawa
TEL 076-289-6708 / **TEL** +81-(0)76-289-6708
FAX 076-289-7992 / **FAX** +81-(0)76-289-7992
URL <http://www.sanko-kikaku.com/>



Takakuwa Art Printing Co., Ltd.

Sake Labels

20% of
market share in Japan

Product outline and features

Labels are important symbols to express the attraction of products. TAKAKUWA ART PRINTING manufactures labels for sake, food, shochu, wine, and the like. in Japan through its design department and through quality control.

Address: Ka 16-1 Tsuchimuro, Kawakita, Nomi, Ishikawa
TEL 076-277-3188 / **TEL** +81-(0)76-277-3188
FAX 076-277-9188 / **FAX** +81-(0)76-277-9188
URL <http://takakuwa.wave.jp/>



Takazawa Candle Co., Ltd.

Japanese Candles

20% of
market share in Japan

Product outline and features

Japanese traditional candles using plant based raw materials have characteristics that it gives a large flame that does not go out by wind, and give off less oil smoke.

Address: 11 Ipponsugi-machi, Nanao, Ishikawa
TEL 0767-53-0406 / **TEL** +81-(0)767-53-0406
FAX 0767-53-8174 / **FAX** +81-(0)767-53-8174
URL <http://www.takazawacandle.com/>



Hakuichi Incorporated

No.1 market share in Japan

Kanazawa Gold Leaf Products (crafts, Cosmetics, Culinary Gold Leaf, Decorations)

Product outline and features

While carrying on the tradition, HAKUICHI is introducing an appeal of gold leaf at all scenes of food, clothing, and housing with the theme of "taking new value of gold leaf in everyday life". The needs from overseas have been increased and HAKUICHI is focusing on developing technology and product planning on more specialized area.

Address: 2-1-1 Morito, Kanazawa, Ishikawa
TEL 076-240-0891 / **TEL** +81-(0)76-240-0891
FAX 076-240-6800 / **FAX** +81-(0)76-240-6800
URL <http://www.hakuichi.co.jp/>



Aoyama Harp Co.

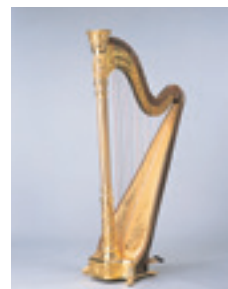
Concert Harps

Only Harp Manufacturer
in Japan

Product outline and features

AOYAMA HARP is a specialist manufacturer that manufactures concert harps for orchestras, chamber music, and solo performance.

Address: 15-62-1 Matsuoka Yoshinozakai, Eiheijicho, Yoshida, Fukui
TEL 0776-61-4182 / **TEL** +81-(0)776-61-4182
FAX 0776-61-4181 / **FAX** +81-(0)776-61-4181
URL <http://www.aoyama-harp.co.jp/>



AR

ISHIDA

Wakasa Lacquered Chopsticks

20% of
market share in Japan

Product outline and features

Wakasa Lacquered Chopsticks are lacquer chopsticks featuring patterns made by applying seashells or egg shells with colorful color lacquer.

Address: 2-35 Mizutori, Obama, Fukui
TEL 0770-53-0848 / **TEL** +81-(0)770-53-0848
FAX 0770-53-1717 / **FAX** +81-(0)770-53-1717
URL <http://www.0848ishida.jp/>



AR

Eco Planner Co., Ltd.

100% of market share in Japan

Intake Equipment with Moveable Barrage "GS Screens"

Product outline and features

GS Screens are maintenance-free dust removing intake equipment that utilizes the force of flowing water. It is available in a pump integrates type and CO water channel integrated type, none of which require a tank site.

Address: Y2 Bldg., 2-1811 Fuchi, Fukui, Fukui
TEL 0776-33-2166 / **TEL** +81-(0)776-33-2166
FAX 0776-33-2168 / **FAX** +81-(0)776-33-2168
URL <http://www.eco-planner.co.jp/>



AR

Japan Polymark Co., Ltd.

100% of market share in Japan

Various types of caution labels for automobiles (warning notice)

Product outline and features

JAPAN POLYMARK provides automotive manufacturers both inside and outside Japan with caution labels for automotive sun visors, and the like. Its highly valued unique bonding technology and strict quality control prevent labels from losing color and from being peeled off even when exposed to intense ultraviolet light under the blazing sun or under high temperatures and humidity.

Address: 45-300 Shimizu Sugitanicho, Fukui, Fukui
TEL 0776-98-2233 / **TEL** +81-(0)776-98-2233
FAX 0776-98-3888 / **FAX** +81-(0)776-98-3888
URL <http://www.polymark.co.jp/>



AR

III. Introduction of Top Share Product in Hokuriku

CHARMANT

High Grade Eyeglass Frames (40 thousand yen or more)

49.7% of

market share in Japan

(Research by GFK Lifestyle Tracking Japan. Based on market size data estimated from sales results in glasses specialized chain stores in Japan)

Product outline and features

Although this business category is based on division of labor, CHARMANT is one eyeglass frame manufacturer implementing integrated production. The delicate design of "Line Art CHARMANT", a brand of middle and high price glasses in which the feel when wearing is prioritized, and laser fine joint technology for titanium alloy (Excellence Titan) has become utilized in collaboration with Tohoku University, and Osaka University, etc.

Address: 6-1 Kawasaricho, Sabae, Fukui
TEL 0778-52-4141 / **TEL** +81-(0)778-52-4141
FAX 0778-52-5062 / **FAX** +81-(0)778-52-5062
URL <http://www.charmant.co.jp/>



AR

HOPNIC LABORATORY Co., Ltd.

Polarized Lens for Vision Correction

30% of

market share in the world

Product outline and features

HOPNIC LABORATORY has succeeded in the mass-production of polarized lenses with a high refractive index (1.60, 1.67) by adopting unique technology. It has achieved more lightweight and thinner lenses than products for general purpose use.

Address: 27-46 Shimonodacho, Sabae, Fukui
TEL 0778-62-2629 / **TEL** +81-(0)778-62-2629
FAX 0778-62-2250 / **FAX** +81-(0)778-62-2250
URL <http://www.hopnic.co.jp/>



AR

Yamato Takahashi Co., Ltd.

Oboro Kelp Sheets (machine processing)

100% of

market share in Japan

Product outline and features

Oboro Kelp Sheets are made by grinding with machines the surface of "kelp blocks" in which several sheets of kelp are overlapped and crimped, and then by overlapping several such sheets which are joined together into sheets. There are used for rice balls, rice and seaweed rolls, hand-roll sushi, rice crackers, and etc.

Address: 17-3-1 Sakanoshita, Tsuruga, Fukui
TEL 0770-20-1000 / **TEL** +81-(0)770-20-1000
FAX 0770-20-0055 / **FAX** +81-(0)770-20-0055
URL <http://yamatotakahashi.com/>



AR

IV. Introduction of Industries in the three Prefectures of Hokuriku

1. Scale and structure of the Hokuriku economy

According to fiscal year 2014 prefectural accounts data showing Hokuriku's economic scale, the gross production Toyama is 4,452.6 billion yen, that of Ishikawa is 4,588 billion yen and that of Fukui is 3,130 billion yen. In total of these three prefectures combined, the gross product of Hokuriku is 12,170.6 billion yen and it is 2.4% of Japan's gross domestic product. Among them, the secondary industry has a nationwide share of 3.0% (see Fig.1). Looking at the composition ratio by prefecture's gross output by industry, the proportion of secondary industry in Toyama and Fukui prefecture exceeds the figures across the country, even in the three prefectures of Hokuriku, it exceeds the whole country (see Fig.2). Moreover, the proportion of those employed in the secondary industry among the number of employed persons over the age of 15 is 30.3% and it is 5.3 points higher than Japan average, the number next to the Tokai area.

Taking advantage of the technical and technological strength cultivated in traditional textile and other local industries, Hokuriku has successfully established wide-range of industrial agglomeration. Fig.4 is a list of products that Hokuriku has more than 25% share in Japan in terms of shipment value. In addition to textiles, non-ferrous metals and industrial machinery equipment have big share.

To be more specific, textile continues to be an important industry of Hokuriku, even though competitive imports are eroding the market. Hokuriku has more than 70% shares of shipments of "bulky yarn (76.7%)", "silk, silk fabrics smelting, dyeing (76.4%)", "wrap knitting (75.5%)". In non-ferrous metals, "copper recycled bullion" has 52.7% shares. In metal product "foil (84.3%)", "aluminum sash for housing (41.5%)", in industrial machinery equipment "preparatory machine for textile (75.2%)", and in other industry "lacquer kitchen and table ware (73.8%)" and remarkably "eye glass frame (96.7%)". These results reflect industrial compositions for each of the three prefectures as stated below.

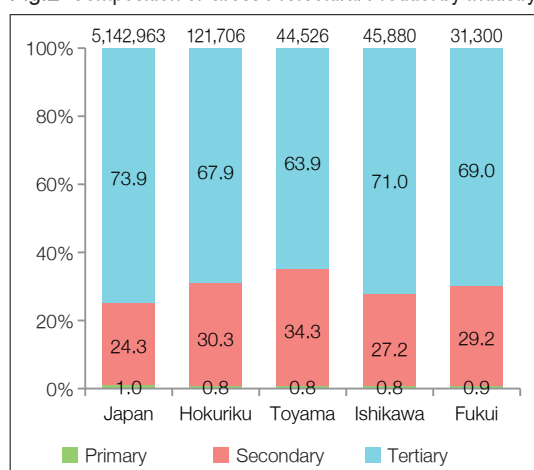
Fig.1 Hokuriku's Gross Prefectural Production, Industrial Shipments and Shares in Japan (Unit: 100 million yen; 1000 people)

Item	Japan	Hokuriku	Share (%)	Toyama	Ishikawa	Fukui
Gross Prefectural Product (FY2011)	5,142,963	121,706	2.4	44,526	45,880	31,300
Primary	51,408	1,012	2.0	367	376	268
Secondary	1,248,180	36,879	3.0	15,276	12,468	9,134
Tertiary	3,802,397	82,622	2.2	28,466	32,571	21,585
Population (2015)	127,095	3,007	2.4	1,066	1,154	787

Source: Cabinet Office "Prefectural Accounts" and MIC "National Census 2015"

Note: Shipments by industry classification do not sum up to the total because no interest is deducted.

Fig.2 Composition of Gross Prefectural Product by Industry



Source: Cabinet Office "Prefectural Accounts" Gross Prefectural Product by Economic Activity (nominal)

Fig.3 Employment by Industry

	Rank	Secondary (%)	Primary (%)	Tertiary (%)
Tokai	1	32.0	2.8	61.4
Hokuriku	2	30.3	3.3	63.8
North Kanto	3	29.8	5.4	61.1
Koshinetsu	4	28.3	7.3	62.2
Chugoku	5	25.2	4.7	66.7
All Japan	-	25.0	4.0	71.0
Tohoku	6	25.0	8.1	64.4
Kinki	7	23.6	1.8	68.1
Shikoku	8	22.5	7.7	66.1
Kyushu & Okinawa	9	19.9	6.3	69.8
South Kanto	10	19.1	1.2	71.3
Hokkaido	11	17.9	7.4	74.7

Source: "National Census 2015 – Prime Statistics by Prefectural and City Governments"

IV. Introduction of Industries in the three Prefectures of Hokuriku

Fig.4 Selected industrial products from Hokuriku with high market shares
(Products with 25% or higher shares in Japan in shipment)

(Unit: %, million yen)

Industry Classification	Product	Share in Japan				Shipment Amount in Hokuriku
		Hokuriku	Toyama	Ishikawa	Fukui	
Textiles	Other Twisting Yarns	46.5	0.0	44.3	2.2	2,500
	Bulky Yarn	76.7	0.0	72.7	4.0	11,172
	Habutae Silk Fabrics (including union cloth)(Broad width)	29.4	0.0	0.0	29.4	601
	Viscose Rayon Fabrics	55.2	0.0	0.0	55.2	358
	Nylon Long Fiber Fabrics	46.9	0.0	38.2	8.7	1,888
	Polyester Long Fiber Fabrics	72.4	0.0	36.8	35.6	24,121
	Narrow Fabrics	52.2	1.0	20.3	30.9	18,360
	Synthetic Circular Knitting	28.3	0.0	9.9	18.4	8,388
	Warp Knit Fabrics	75.5	32.0	2.8	40.6	19,622
	Machine Dyeing for Silk and Rayon Fabrics	76.4	0.0	0.0	76.4	782
	Dyeing and Organizing for Knit and Lace	66.9	0.0	0.0	66.9	5,581
	Other Fishing Net	35.3	0.0	35.3	0.0	6,526
	Embroidery Lace	33.5	19.9	13.6	0.0	1,035
	Knit Lace	51.3	0.0	16.5	34.9	7,113
	Knitted Outer Garments and Coats (including blazers, jumper, etc.)	51.0	0.0	0.0	51.0	4,167
	Knitted Trouser and Skirts	57.4	0.0	0.0	57.4	3,164
	Other Fabric Canvas	44.5	0.0	14.5	30.0	5,750
Furniture and Fixtures	Office and Store Fixture	35.8	3.3	32.5	0.0	69,171
Pulp, Paper, and Paper Processing	Handmade Japanese Paper	25.2	6.5	0.0	18.6	546
Non-Ferrous Metals	Copper Recycled Bare Metal and Copper Alloy	52.7	52.7	0.0	0.0	27,943
	Extruded Aluminum Products (including drawing)	26.6	26.6	0.0	0.0	87,097
	Copper and Alloy Cast Metal	28.9	23.2	5.7	0.0	28,909
Metal Products	Aluminum Sashes for Houses	41.5	39.6	1.0	0.8	117,235
	Aluminum Sashes for Building	31.4	29.8	1.6	0.0	52,890
	Rivet	30.9	0.0	15.4	15.5	10,791
	Foil	84.3	0.0	84.3	0.0	4,130
Industrial Machinery and Equipment	Other Loom	64.7	0.0	64.7	0.0	617
	Preparation Machine for Textile	75.2	0.0	71.0	4.2	3,153
	Weaving Machinery and Parts, Attachments, and Accessories of Knitting Braiding Machinery.	42.3	1.8	37.1	3.4	13,149
	Specialized Machine	27.0	26.5	0.5	0.0	52,654
Electronic Parts, Devices, and Circuits	Silicon Transistor	29.6	0.0	29.6	0.0	50,573
	Resistor	25.3	6.2	0.0	19.1	40,177
Miscellaneous	Lacquer Kitchen and Tableware	73.8	1.3	33.8	38.8	7,732
	Other Lacquer Products	43.1	2.2	32.7	8.2	1,620
	Eye Glasses	25.2	0.0	0.0	25.2	1,096
	Eye Glass Frame	96.7	0.0	0.0	96.7	32,971
	Parts for Eye Glasses	94.9	0.0	0.0	94.9	5,916

Source: Cabinet Office "Prefectural Accounts" and MIC "National Census 2015"

Note: Shipments by industry classification do not sum up to the total because no interest is deducted.

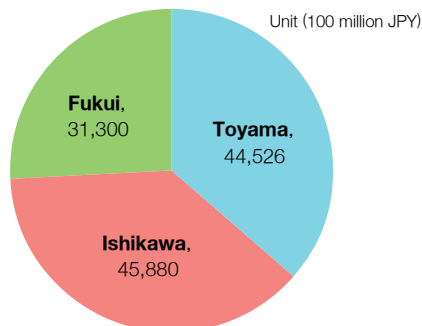
2. Characteristics of Hokuriku's Industrial Composition

(1) Overview

Comparing balance of economic size in Hokuriku's three prefecture with Tokai area, it shows contrasting results. Aichi prefecture in Tokai area is leading whole area by producing about half of the gross products, but on the contrary Hokuriku area has no core prefecture and each of three prefectures exist equally with taking advantage of own characteristics. (Fig.5 and 6) It is not a pyramid shape business castle town, each company in Hokuriku is having own strength and cooperate each other moderately. This is a reason to create unique and various technologies.

Fig.5 Gross Prefectural Product of Hokuriku 3 Prefectures

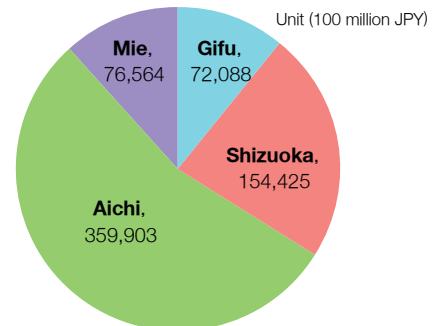
Gross Prefectural Product of Hokuriku 3 Prefectures
(Nominal, FY2014)
Total 12,170.6 billion yen



Source: MIC "Prefectural Accounts"

Fig.6 Gross Prefectural Product of Tokai 4 Prefectures

Gross Prefectural Product of Tokai 4 Prefectures
(Nominal, FY2014)
Total 66,298.0 billion yen



Source: MIC "Prefectural Accounts"

(2) Composition by Industry of Hokuriku 3 Prefectures

Most significant characteristic in terms of coefficient of industry in Hokuriku 3 prefectures is that score of 5.10 for textile. (see Fig.7) Textile is a sunset industry itself in Japan but still taking important position as local business in Hokuriku. And industries exceed score of 2 in specialization coefficient of industry are 2.52 for Electronic Parts, Devices, and Circuits which includes locally established companies and branches of major companies, and 2.45 for Industrial Machinery and Equipment, 2.41 for Furniture and Fixtures, 2.33 for Non-Ferrous Metals, also 2.33 for zip fasteners, lacquer tableware, eye glasses, eye glass frames, and other manufactures combined. It shows Hokuriku's unique weight balance of industry composition. Some of the industry has evolved from traditional local industry.

<What is Specialization Coefficient of Industry >

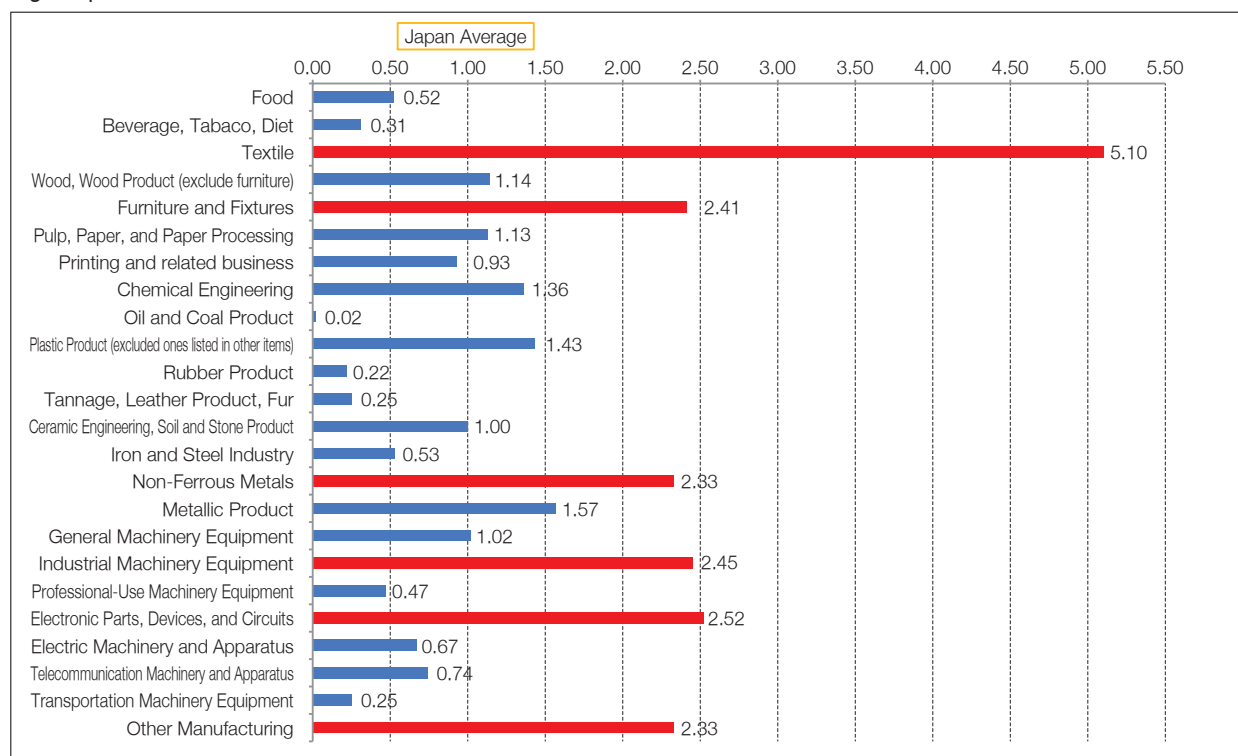
It is to show how the industry composition of the area balances comparing with Japan national average. If the coefficient is over 1, the proportion of the industry in the area is more than Japan national average.

Coefficient of Industry = ratio of prefectural industry composition / ratio of industry composition in Japan

For example, if the general machines accounts 10% of industrial composition in Japan, and 16% for Hokuriku. It means the coefficient will be 1.6.

IV. Introduction of Industries in the three Prefectures of Hokuriku

Fig.7 Specialization Coefficient in Hokuriku



Source: METI "Industrial Statistics 2014"

(3) Characteristic of Industry of Each Prefecture

According to Industrial Statistics 2014, industries which has the most shipment value of manufactured goods are followings. (Fig.8) In Toyama, Chemical Engineering comes first, and Non-Ferrous Metals and Metallic Product come after. These top three industries occupy around 40% of total shipment value in manufacturing related industries. In Ishikawa, Industrial Machinery Equipment, Electronic Parts/Devices/Circuits and Textile are the top three industries and these three occupy a half of total value. In Fukui, Electronic Parts/Devices/Circuits, Chemical Engineering and Textile are the top three industries and these three occupy about 40% of total value

Industries which have the most shipment value in all three prefectures are Chemical Engineering (Rank: Toyama...1st, Ishikawa...6th, Fukui...2nd), Industrial Machinery Equipment (Rank: Toyama...4th, Ishikawa...1st, Fukui...8th), Electronic Parts/Devices/Circuits (Rank: Toyama...5th, Ishikawa...1st, Fukui...8th).

Specialization Coefficient in Toyama, Non-Ferrous Metal is the highest and Textile is the highest for Ishikawa and Fukui.

Among three prefectures, industries show higher coefficient are Textile (Toyama...1.67, Ishikawa...6.14, Fukui...10.12), Electronic Parts, Devices, and Circuits (Toyama...1.89, Ishikawa...2.89, Fukui...3.19), and Furniture and Fixtures (Toyama...1.47, Ishikawa...4.47, Fukui...1.37). (Fig.9)

Fig.8 Industrial Composition in Shipment Value by each Prefecture (Top 8 Industry)

Rank	Toyama				Ishikawa				Fukui			
	Industry	Shipment Value Amount (million yen)	Composition Ratio	Specialization Coefficient	Industry	Shipment Value Amount (million yen)	Composition Ratio	Specialization Coefficient	Industry	Shipment Value Amount (million yen)	Composition Ratio	Specialization Coefficient
1	Chemical Engineering	599,382	16.8%	1.82	Industrial Machinery and Equipment	648,459	24.9%	4.58	Electronic Parts, Devices, and Circuits	273,507	14.5%	3.19
2	Non-Ferrous Metals	399,582	11.2%	3.63	Electronic Parts, Devices, and Circuits	339,994	13.1%	2.89	Chemical Engineering	264,005	14.0%	1.51
3	Metal Products	359,459	10.1%	2.21	Textiles	200,192	7.7%	6.14	Textiles	239,927	12.7%	10.12
4	Industrial Machinery and Equipment	334,747	9.4%	1.73	Food	154,997	6.0%	0.70	Electric Machinery and Apparatus	156,023	8.2%	1.48
5	Electronic Parts, Devices, and Circuits	304,652	8.5%	1.89	Telecommunication Machinery Equipment	156,425	6.0%	2.13	Plastics	150,395	7.9%	2.10
6	Plastics	225,530	6.3%	1.67	Chemical Engineering	149,118	5.7%	0.62	Non-Ferrous Metals	140,538	7.4%	2.41
7	Iron and Steel	188,475	5.3%	0.84	Metal Products	136,128	5.2%	1.15	Transportation Machinery Equipment	124,501	6.6%	0.33
8	General Machinery Equipment	168,362	4.7%	1.43	Transportation Machinery Equipment	131,078	5.0%	0.26	Industrial Machinery and Equipment	92,684	4.9%	0.90
	Total	3,567,223	100.0%	1.00	Total	2,601,943	100.0%	1.00	Total	1,891,829	100.0%	1.00

Source: METI "Industrial Statistics 2014"

Fig.9 Specialization Coefficient by each Prefecture (Top 10 Industry)

Toyama			Ishikawa			Fukui		
Rank	Industry	Specialization Coefficient	Rank	Industry	Specialization Coefficient	Rank	Industry	Specialization Coefficient
1	Non-Ferrous Metals	3.63	1	Textiles	6.14	1	Textiles	10.12
2	Others	2.88	2	Industrial Machinery and Equipment	4.58	2	Others	3.29
3	Metal Products	2.21	3	Furniture and Fixtures	4.47	3	Electronic Parts, Devices, and Circuits	3.19
4	Electronic Parts, Devices, and Circuits	1.89	4	Electronic Parts, Devices, and Circuits	2.89	4	Non-Ferrous Metals	2.41
5	Chemical Engineering	1.82	5	Telecommunication Machinery Equipment	2.13	5	Plastics	2.10
6	Industrial Machinery and Equipment	1.73	6	Printing and related business	1.50	6	Chemical Engineering	1.51
7	Pulp, Paper, and Paper Processing	1.69	7	Metal Products	1.15	7	Electric Machinery and Apparatus	1.48
8	Plastics	1.67	8	Wood, Wood Product (exclude furniture)	1.10	8	Furniture and Fixtures	1.37
9	Textiles	1.67	9	Ceramic Engineering, Soil and Stone Product	1.07	9	Wood, Wood Product (exclude furniture)	1.28
10	Furniture and Fixtures	1.47	10	General Machinery Equipment	1.04	10	Pulp, Paper, and Paper Processing	1.08

Source: METI "Industrial Statistics 2014"

IV. Introduction of Industries in the three Prefectures of Hokuriku

i) Toyama Prefecture

In terms of Number of establishments, metal sashes and doors manufacture, metal machine tools, metal processing machinery parts, and these accessories (excluding machinery tools and metal molds) are large in number at all regions. Unlike in Ishikawa or Fukui, no particular geographical specialization can be observed.

At shipment value, pharmaceutical formulations are on top of the list in Toyama, Takaoka, and Niikawa area. Metal sashes and doors are also major sector in Niikawa and Tonami area.

Fig.10 Profiles of Core Industrial Districts (Toyama)

District	Rank	Sector	Establishments	Composition Ratio Rank	Rank	Sector	Shipments (million yen)	Composition Ratio
Toyama / Takaoka		Total Manufacturing	1,936	100		Total Manufacturing	2,332,745	100
	1	Metal Sashes & Doors	61	3.2	1	Pharmaceutical Formulation	204,054	8.7
	2	Offset Printing (paper)	60	3.1	2	Ball Bearings	123,757	5.3
	3	Machine Tool Parts & Attachments (excl. tools, molds)	59	3.0	3	Semiconductor Manufacturing Equipments	97,466	4.2
Niikawa		Total Manufacturing	490	100		Total Manufacturing	802,995	100
	1	Metal Sashes & Doors	24	4.9	1	Pharmaceutical Formulation	156,663	19.5
	2	Machine Tool Parts & Attachments (excluding tools, molds)	23	4.7	2	Metal Sashes & Doors	79,392	9.9
	3	Automotive Parts & Appurtenant	14	2.9	3	Needles, Pins, Hooks, Snaps and related products	77,139	9.6
Tonami		Total Manufacturing	386	100		Total Manufacturing	431,483	100
	1	Noodle	14	3.6	1	Metal Machine Tool Manufacturing	75,754	17.6
	2	Metal Sashes & Doors	13	3.4	2	Integrated Circuit Manufacturing	65,856	15.3
	2	Machine Tool Parts & Attachments (excluding tools, molds)	13	3.4	3	Metal Sashes & Doors	43,776	10.1

Source: METI "Industrial Statistics 2014"

Note) The districts covered by the Industrial Statistics: Toyama-Takaoka (Toyama, Takaoka, Himi, Oyabe, Funahashi, Tateyama, Imizu), Niikawa (Uozu, Namerikawa, Kurobe, Kamiichi, Nyuzen, Asahi), Tonami (Tonami, Nanto)

ii) Ishikawa Prefecture

It is remarkable that the number of establishments shows regional characteristics, silk and rayon are large in number in Nanao bayside, constructing machine and mining machinery in Minami Kaga, and lacquerware in Noto. In terms of shipment values, electronic parts, devices, and circuits related sectors are on top of the list such as “electronic parts, devices, and circuits” and “liquid crystal panel and flat-panel” (both in downstream area of Tedor river), “external storage” (center district in Ishikawa), “integrated circuit” (Hakui), semiconductor device (excluding photoelectric conversion element), and “resistor, capacitor, transformer, composite parts” (Noto).

Fig.11 Profiles of Core Industrial Districts (Ishikawa)

District	Rank	Sector	Establishments	Composition Ratio Rank	Rank	Sector	Shipments (million yen)	Composition Ratio
Downstream area of Tedor River		Total Manufacturing	637	100		Total Manufacturing	865,761	100
	1	Machine Tool Parts & Attachments (excluding tools, molds)	46	7.2	1	Electronic Parts, Devices, and Circuits	74,497	8.6
	2	Constructing Machine and Mining Machinery	41	6.4	2	Liquid Crystal Panel and Flat-Panel	X	X
	3	Canning and Plating	24	3.8	3	Constructing Machine and Mining Machinery	59,444	6.9
Nanao Bayside		Total Manufacturing	181	100		Total Manufacturing	87,710	100
	1	Silk and Rayon Fabrics	21	11.6	1	Silk and Rayon Fabrics	14,364	16.4
	2	Pastries and Cakes	7	3.9	2	Fish Paste	10,134	11.6
	3	Joinery	6	3.3	3	Distribution Board and Power Controller	8,085	9.2
Central Ishikawa		Total Manufacturing	1,124	100		Total Manufacturing	612,244	100
	1	Machine Tool Parts & Attachments (excluding tools, molds)	53	4.7	1	External Storage	X	X
	2	Offset Printing (paper)	52	4.6	2	Packing and Packaging Machinery	50,103	8.2
	3	Narrow Woven Fabric	48	4.3	3	Metal Processing Machine (excluding machine tool)	32,370	5.3
Hakui		Total Manufacturing	179	100		Total Manufacturing	227,178	100
	1	Silk and Rayon Fabrics	9	5.0	1	Pharmaceutical Formulation	X	X
	2	General Lumber	6	3.4	2	Integrated Circuits	X	X
	3	Plastic Sundry Goods and Tableware	5	2.8	3	Ball Bearing	10,534	4.6
	3	Ready-Mix Concrete	5	2.8				
	3	Pressed Metal Products (excluding Aluminum and Alloys)	5	2.8				
Minami Kaga		Total Manufacturing	633	100		Total Manufacturing	770,296	100
	1	Constructing Machine and Mining Machinery	58	9.2	1	Constructing Machine and Mining Machinery	305,048	39.6
	2	Lacquerware	43	6.8	2	Stationary Office Equipment	61,795	8.0
	3	Twisting Yarn (excl. bulky yarn)	37	5.8	3	Automotive (including motorbikes)	X	X
Noto		Total Manufacturing	185	100		Total Manufacturing	38,754	100
	1	Lacquerware	30	16.2	1	Semiconductor Device (excluding Photoelectric Conversion Element)	X	X
	2	Ready-Mix Concrete	10	5.4	2	Resistor, Capacitor, Transformer, Composite Parts	X	X
	3	Sake Brewery	8	4.3	3	Unclassified Miscellaneous Manufacturing	2,726	7.0
	3	Unclassified Miscellaneous Manufacturing	8	4.3				

Source: METI “Industrial Statistics 2014”

Notes:

- “X” = exact values are withheld because they correspond to only one or two establishment
- The districts covered by the Industrial Statistics: Downstream of Tedor River (Hakusan, Nomi, Kawakita), Nanao Bayside (Nanao, Nakanoto), Central Ishikawa (Kanazawa, Kahoku, Nonochi, Tsubata, Uchinada), Hakui(Hakui, Hotatsu Shimizu, Shiga), Minami Kaga(Komatsu, Kaga), and Noto (Wajima, Suzu, Anamizu, Noto)

IV. Introduction of Industries in the three Prefectures of Hokuriku

iii) Fukui Prefecture

Textiles and related industries have the largest numbers of establishments in the districts of Fukui and Ono, Katsuyama. The Echizen, Sabae districts have a very large number of spectacles producing establishments, while lacquerware tops the list in Tsuruga and Obama.

In terms of shipment value, aluminum and alloy rolling (including drawing and extrusion) is the number one sector in the Fukui district, while automotive parts and appurtenant is the largest sector in Echizen and Sabae, connectors, switches and relays in Tsuruga and Obama, and pharmaceutical formulations in Ono and Katsuyama districts.

Fig.12 Profiles of Core Industrial Districts (Fukui)

District	Rank	Sector	Establishments	Composition Ratio	Rank	Sector	Shipments (million yen)	Composition Ratio
Fukui		Total Manufacturing	1,048	100		Total Manufacturing	848,208	100
	1	Silk and Rayon Fabrics	49	4.7	1	Aluminum and Alloy Rolling (including drawing and extrusion)	X	X
	2	Unclassified Miscellaneous Manufacturing	47	4.5	2	Electronic Parts, Devices, and Circuits	35,098	4.1
	3	Offset Printing (paper)	41	3.9	3	Pharmaceutical Formulation	X	X
Echizen, Sabae		Total Manufacturing	770	100		Total Manufacturing	678,589	100
	1	Eyeglasses (including frames)	168	21.8	1	Automotive Parts & Appurtenant	X	X
	2	Lacquerware	40	5.2	2	Miscellaneous Electric Appliance	96,603	14.2
	3	Miscellaneous, Jackets and Shirts	32	4.2	3	Resistor, Capacitor, Transformer, Composite Parts	X	X
Tsuruga, Obama		Total Manufacturing	228	100		Total Manufacturing	219,120	100
	1	Lacquerware	14	6.1	1	Connector, Switch, and Relay	X	X
	2	Miscellaneous Seafood	8	3.5	2	Power Generator, Electric Machinery, and Miscellaneous Rotary Electric Machine	20,560	9.4
	3	Seaweed Processing	7	3.1	3	Plastic Films	20,434	9.3
	3	Ready-Mix Concrete	7	3.1				
	3	Power Generator, Electric Machinery, and Miscellaneous Rotary Electric Machine	7	3.1				
Ono, Katsuyama		Total Manufacturing	160	100		Total Manufacturing	144,112	100
	1	Silk and Rayon Fabrics	18	11.3	1	Pharmaceutical Formulation	X	X
	2	Twisting Yarn (excluding bulky yarn)	8	5.0	2	Resistor, Capacitor, Transformer, Composite Parts	22,524	15.6
	3	Miscellaneous Textile Semi-Finished Products	8	5.0	3	Ferroalloy	X	X

Source: METI "Industrial Statistics 2014"

Notes:

- "X" = exact values are withheld because they correspond to only one or two establishment
- The districts covered by the Industrial Statistics: Fukui (Fuui, Awara, Sakai, Eiheiji), Echizen, Sabae (Echizen, Sabae, Minamiechizen, Echizen-cho), Tsuruga, Obama (Tsuruga, Obama, Mihama, Wakasa, Takahama, Ooi), Ono, Katsuyama (Ono, Katsuyama)

3. Major factors of Hokuriku's Industrial Capacity

(1) Distances to Japan's Big 3 Cities

Hokuriku is located in equidistance from the Japan's big 3 cities, the Tokyo metropolitan area, Tokai, and Kinki. By enhanced high-way network for road transportation, it made it convenience to reach to the cities from Hokuriku. Comparing traveling time to Tokyo, Nagoya, and Osaka, from Shizuoka located in Chukyo area is traveling time to the big 3 cities is average 158 mins., from Toyama (267 mins.), Ishikawa (265 mins.), and Fukui (234 mins.). It is just 80 – 110 mins. differences. Considering the lesser congested traffic condition on the Japan Sea coast than on the Pacific coast, the Hokuriku location is quite competitive in terms of access to the Big 3 cities (Fig.13).

Moreover, Hokuriku Shinkansen has started operation, traveling time from Tokyo to Kanazawa has been shorted more than 1 hour. (Fig.14) Business people and tourists in the Hokuriku area can now spend longer in the Tokyo Metropolitan area and vice versa. The Hokuriku Shinkansen is planning to be further extended to Tsuruga, this increased ease of access will enhance the position of Hokuriku as a major region of Japan.

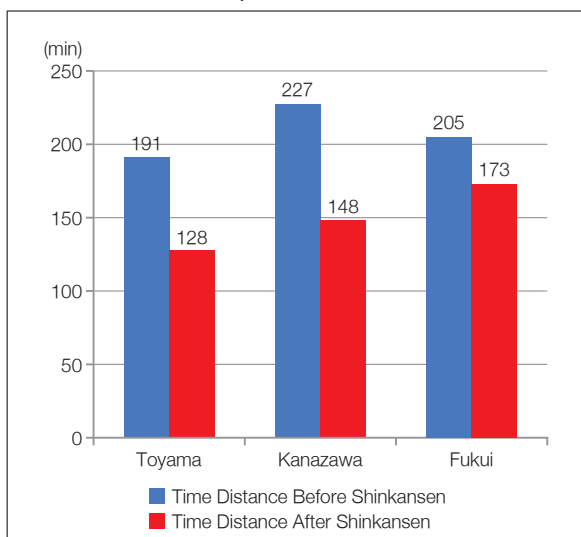
Fig.13 Traveling Time and Distance to the Big 3 Cities by Car

District	City	Traveling Time (min)				Traveling Distance (km)			
		Tokyo	Nagoya	Osaka	Average	Tokyo	Nagoya	Osaka	Average
Tohoku	Sendai	282	540	670	497	369	660	883	637
Koshinetsu	Niigata	261	365	463	363	340	475	606	474
Hokuriku	Toyama	334	188	279	267	439	241	364	348
	Kanazawa	377	185	234	265	494	235	303	344
	Fukui	391	133	177	234	514	169	228	303
Tokai	Shizuoka	140	73	260	158	177	80	339	198
Chugoku	Hiroshika	616	369	264	416	812	481	343	546
Shikoku	Matsuyama	634	383	260	426	835	491	328	551
Kyushu	Fukuoka	824	578	473	625	1,093	763	625	827

Source: Shortest routes (time and distance) calculated from "Pro Atlas 2011"

Note: Cities represent the most popular perpetual capitals in the respective regions.

Fig.14 Comparison of Traveling Time and Distance from Kanazawa to Tokyo before/after Hokuriku Shinkansen Operation

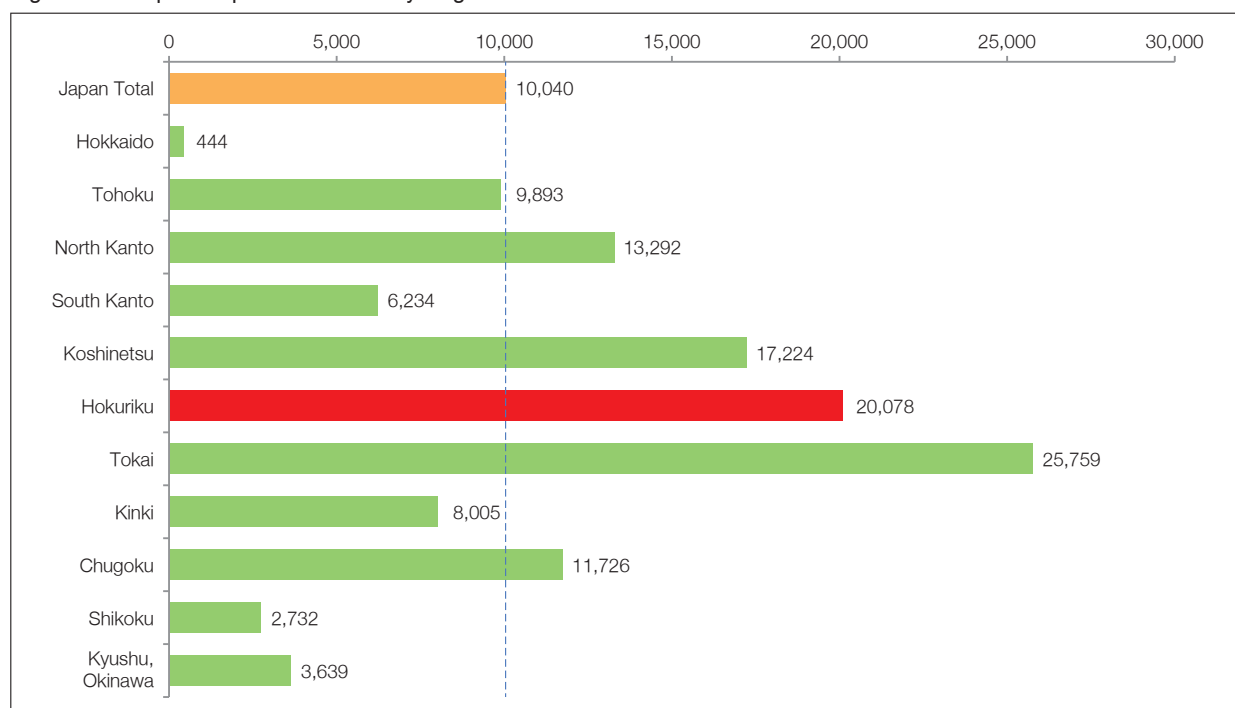


Note) Between Fukui and Tokyo
Before Shinkansen ... via Maibara
After Shinkansen ... Transfer at Kanazawa

(2) Virtuous Cycle of Industrial Agglomeration

Molds are indispensable components of the industrial mass production process, including forging pressing and plastics processing. Especially agglomeration of molding industry, Hokuriku has the next heaviest concentration of mold manufacturers in Japan, only behind the Tokai, and it has a potential of supporting the industry. (Fig.15) Even if existing products are losing competitiveness and required to develop new products, it'd be relatively easy to develop product and expand new market if industry accumulation of basic technologies.

Fig.15 Per Capita Shipment of Molds by Region



Source: METI "Industrial Statistics 2014" and MIC Bureau of Statistics "Demographic Forecast"

Note) Shipment amount in yen of press molds, forging molds, casting molds, molds for plastics, molds for rubber and glass, and other molds divided by the population by prefecture

(3) Quality Labor and Business Culture of Value People

People in Hokuriku have a culture of working with patient and low turnover rate. (Fig.17) Rice cropping is historically active in Hokuriku, it requires managing water resource by community and handling many processes with right timing. Otherwise enough amount of crop cannot be expected. Industrial development has been proactively promoted to utilize surplus labor in the community during heavy snow winter. These cultural background helps to build culture of having strong community spirit, hardworking, and opening for something new.

And also, Hokuriku has higher rate of education and hardworking, and women's participation in society is ahead of other regions. (Fig.18) There are many families in Hokuriku living as three-generation family, the environment creates for women to go outside to work easily. Woman labors sustain to develop "textile" and "electrical parts" industries which require detailed work.

Fig.16 Hokuriku is the one of the best industrial regions among the Sea of Japan side.

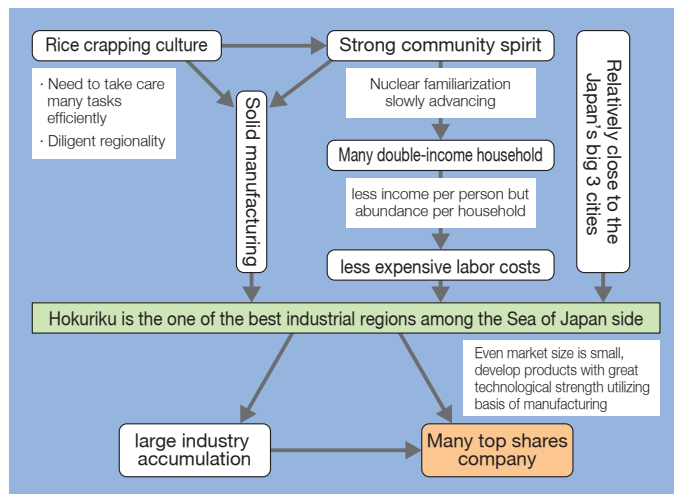


Fig.17 Ranking of ratio of people changing job by prefecture in 2012

Rank	Ratio of people changing job by prefecture (last 1 year) (%)	Prefecture
1	3.9	Wakayama, Yamaguchi
3	4.1	Tokushima
4	4.2	Aomori
5	4.3	Akita, Fukui , Nagano, Kochi
9	4.4	Yamagata, Tochigi, Niigata, Toyama , Shimane, Kagawa
15	4.5	Nara, Okayama
17	4.6	Fukushima, Mie, Hiroshima, Ehime, Oita
22	4.7	Gunma, Ishikawa , Yamanashi, Gifu, Aichi, Saga
–	5.0	National Average

Source: MIC “Basic Survey of Employment Structure 2012”

Fig.18 Woman Labor Participation Rate by Prefecture 2015 (Age of 15-64)

Rank	Prefecture	Woman's Labor Participation Rate (%)
1	Fukui	76.0
2	Toyama	74.1
3	Tottori	74.0
4	Ishikawa	73.9
–	All Japan	67.1
45	Osaka	64.1
46	Hyogo	63.2
47	Nara	60.7

Source: Cabinet Office “Region's Economic 2016 (published on 25 August 2016)”

Note) Woman's Labor Participation Rate = Woman Labor Population (Age 15-64) / Woman Total Population (Age 15-64) × 100

Fig.19 Ratio of three-generation family

Rank	Prefecture	Ratio of three-generation family (%)
1	Yamagata	17.8
2	Fukui	14.9
3	Niigata	13.8
4	Akita	13.4
5	Toyama	13.2
18	Ishikawa	8.8
–	All Japan	5.7
45	Osaka	2.9
46	Kagoshima	2.6
47	Tokyo	1.8

Source: “National Census 2015 – Prime Statistics by Prefectural and City Governments”

Fig.20 Ratio of Double Income 2015

Rank	Prefecture	Ratio of Double Income (%)
1	Fukui	58.0
2	Yamagata	57.3
3	Shimane	55.9
4	Toyama	55.3
5	Ishikawa	54.9
–	All Japan	45.5
45	Kanagawa	41.0
46	Osaka	39.5
47	Nara	38.6

Source: “National Census 2015 – Basic Statistics of Employment Status”

Note) Ratio of Double Income = Number of Household Husband and Wife both Working / Total Married Households × 100

Comparing compensation per person, Hokuriku is cheaper than industrial region adjacent to large city area. It is a competitive strength, and still they maintain a high level. Looking at statistics in 2014, Toyama is the 5th place of prefectural income per person and it exceeds Japan average. Prefectural income includes corporate income, so it is not showing gross income of consumers and labors, larger household income is some outstanding point because of multiple working forces in a household. (Fig.21) People in Hokuriku have high motivation without high compensation because of hard working culture and enough household income. They support positive growth cycle of high-level manufacturing by providing good work resources.

IV. Introduction of Industries in the three Prefectures of Hokuriku

Manufacturing requires non-stop work restructuring of designing, procuring, manufacturing, quality assuring, and shipping to enhance value of product development and application of products. In addition to cold climate, distance from big cities and less population in Hokuriku, jobs-to-applicants ratio is higher than Japan average. It nurtures company culture of “value people” and “raise people”, and seeks a source of added value in development of human resources and technology. (Fig.22) It is not too much to say that whole company including employees become one family. These strong bonding helps to overcome high-yen recession, production transfer to overseas, and supports new products development and open up new markets.

Ratio of regular employment in Hokuriku is 70% for all Hokuriku 3 prefectures and more than 50% for woman employment. (Fig.23) Especially woman employment rate including woman raising children is high, it shows companies are considering women not just assistants as a source of added value but also as same as men work forces. Other than that, companies are proactively hiring retired generation and cooperating with union to support “lifetime player”. (Fig.24) Maximization of local labor force involving women and seniors makes the region No.1 in happiness levels. And the experiences which build up the abundance are taken over to next generation by the high ratio of three-generation living together. In an aspect of people development, Hokuriku has a high level of education and it becomes a foundation of the region to grow continuously. (Fig.25)

Geographical disadvantage being on the Japan sea side instead of the Pacific Ocean side is going to be solved by connecting to Kinki area by Shinkansen in the near future, exploiting Japan sea channel, industrialization of Northwest countries such as Russia and China, and growth of telecommunication like internet. While working style has been changing with new technologies like AI and robots on depopulation era, Japan will put emphasis on “quality” of human resource instead of “quantity”. With the period background, Hokuriku’s characteristics like high education level and diversity of working labor become more valuable. Along with progressive globalization, opportunities for companies and people in Hokuriku will increase more than ever.

Fig.21 Prefectural Incomes per Person 2014

Prefecture	Person				Household			
	Prefectural Income		Employment Payroll		Prefectural Income		Employment Payroll	
	Rank	(JPY)	Rank	(JPY)	Rank	(JPY)	Rank	(JPY)
Toyama	5	3,185,427	32	4,112,106	3	8,344,778	10	4,819,402
Ishikawa	16	2,946,712	34	4,070,427	11	7,245,532	15	4,594,212
Fukui	14	2,972,524	30	4,152,543	4	8,200,939	4	5,031,364
All Japan	—	3,057,116	—	4,695,453	—	6,943,530	—	4,438,020
Tokyo	1	4,512,083	1	6,328,495	1	8,905,339	3	5,026,062
Osaka	13	3,013,349	2	5,429,683	28	6,419,408	25	4,220,116
Aichi	2	3,527,145	6	4,712,580	2	8,401,189	1	5,644,528

Source: Cabinet Office “Prefectural Accounts”, MIC “Annual Demographic Forecast”, JGDC “Basic Resident Register Population Directory”

Note) Prefectural Income/person (Prefectural Income by each prefecture/total population of each prefecture “as of October 1st estimated population” MIC: Prefectural Income is a total of prefectural employment payroll, property income, business income)

Note) Prefectural Employment Payroll/person (=prefectural employment payroll/total number of employments in the prefecture)

Note) Prefectural Income/household (Prefectural Income by each prefecture/number of household on Basic Resident Register 2014 (1/1~12/31) demographics (by prefecture) (total))

Note) Prefectural Employment Payroll/household (=Prefectural Employment Payroll/number of household on Basic Resident Register 2014 (1/1~12/31) demographics (by prefecture) (total))

Fig.22 Ranking of jobs-to-applicants ratio (annual average) 2016

Rank	Prefecture	Jobs-to-applicants ratio
–	All Japan	1.36
1	Tokyo	2.01
2	Fukui	1.82
3	Gifu	1.71
4	Okayama	1.65
5	Hiroshima	1.65
6	Aichi	1.63
7	Kagawa	1.62
8	Toyama	1.60
9	Ishikawa	1.60
10	Miyagi	1.46

Source: MHLW "Labor Market Related Index by Prefecture and Region"

Fig.23 Ratio of Regular Employment

Rank	Prefecture	Ratio of Regular Employment: Total (%)	Rank	Prefecture	Ratio of Regular Employment: Number of Female (%)
1	Yamagata	70.5	1	Yamagata	55.9
2	Toyama	70.0	2	Fukui	53.9
3	Fukui	69.8	3	Toyama	53.7
10	Ishikawa	68.1	9	Ishikawa	51.7
–	All Japan	65.1	–	All Japan	45.5

Source "Census 2015, Employment Status Basic Statistic"

Note) Ratio of Regular Employment (%) = (Employed) Permanent Workforce / Total employments × 100

Fig.24 Ratio of Number of Employee over 65 (regular employee, dispatched employee, part-timer, others)

Rank	Prefecture	Ratio of Number of Employee over 65 (%)
–	All Japan	10.2
1	Aichi	12.2
2	Gifu	12.0
3	Saitama	11.9
4	Toyama	11.9
5	Kanagawa	11.7
6	Shizuoka	11.5
7	Tokyo	11.4
8	Ishikawa	11.4
9	Chiba	11.3
10	Fukui	11.0

Source "Census 2015, Employment Status Basic Statistic"

Note) Ratio of Number of Employee over 65 (%) = Employees / Population over 65 (Census 2015)

Fig.25 Ranking of Japan Scholastic Ability and Learning Conditions 2017

Rank	Prefecture	Average of Average Correct Answers (%)
–	All Japan (Public)	64.9
1	Ishikawa	70.3
2	Akita	69.8
3	Fukui	69.6
4	Toyama	67.5
5	Ehime	67.4

Source: MEXT "Ranking of Japan Scholastic Ability and Learning Conditions 2017"

Note) Arithmetic average of correct answer ratio for all subjects at public elementary and junior high school

MEMO

[illegible]

TOYAMA



Tateyama Range of Peaks and Shinminato Big Bridge

ISHIKAWA



Hishiyagura, Gojikken Row House,
Hashizume Montsuzukiyagura (Kanazawa Castle Park)

FUKUI



Tojinbo (Echizen-Kaga coast line quasi-national park)



Hokuriku Economic Federation



Hokuriku Electric Power Company