Message

Since its inception, Tohoku University has continued to promote education and research in all areas as a research-oriented university based on a tradition of “Research First”, a philosophy of “Open-Door” and a spirit of “Practice-Oriented Research and Education”. Under this spirit of “Practice-Oriented Research and Education”, since before the war, the university has launched venture businesses which have led to the establishment and fostering of local industries. We have had a great deal of success in collaborative research with the private sector, with an eye to industrial applications.

With these achievements, Tohoku University will further enhance cooperation with industry to realize a new society based on innovation. In this way the university will achieve its goals, "Leaping to World-Class" and "Leading the Way towards Reconstruction and Regeneration."

Policies

Industry-University-Government Collaboration

01 To increase the added social value of the University’s research and education by actively transferring their scientific and technological achievements to industry and the other sectors, steadfast to the University’s founding principles of “Research First” and “Practical-Oriented Research and Education”.

02 To promote technology transfer and collaborative research as well as research generating world-leading technological innovation by our international Industry-University-Government cooperative activity.

03 To aim to be a driving force for regional innovation by promoting continuous Industry-University-Government cooperation to solve regional problems, and contribute to development of Japanese economy and society.

04 To conduct an Industry-University-Government cooperative activity with international perspective by building an organization at the University for promotion of Industry-University-Government cooperation and by collaborating with related international and domestic organizations on the basis of orchestrating the University’s resources.

05 To achieve the social accountability through ensuring transparency and compliance with international and domestic statutes, and international treaties and arrangements, as fundamentals of promotion of Industry-University-Government cooperation.

Intellectual Property

01 Clarification of IP attribution
The IP based on the inventions generated by the research activities within the University shall belong to the University, and the University shall systematically and solely manage the IP in order to obtain and invest the right.

02 Prioritization of IP utilization in society
Filing and management of the IP right shall be given the highest priority on "utilization in the society," and the University shall promote that the IP will widely utilized here and abroad, without being dead storage.

03 Enhancement of collaboration with companies
With the collaboration of the University and TLO (Technology Licensing Organization) and the strengthening of the Liaison framework within the University, the University shall appropriately deal with the companies’ diversified needs for the IP and research.

04 Creation of new knowledge through utilization of IP
Consideration revenue shall be passed to the inventors, resulting in enhancing the research incentives, and also passed to the University adequately in order to promote the creation of new knowledge.

05 Prompt procedures for filing and management of IP
The University shall establish an exclusive organization for the filing and management of the right, and shall promote prompt and effective decision-making.

06 Transparency in management
Based on the rules between the companies and the University, both parties shall establish a highly transparent and equal partnership. The audit system shall be established in order to achieve sufficient accountability for the society.

October 2013
Director
Office of Cooperative Research and Development, Tohoku University
Executive Vice President (for Industry-University Collaboration)
Hideo Shindo
Message Policies

“Leaping to World-Class” and “Leading the Way

Under this spirit of “Practice-Oriented Research

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“Practice-Oriented Research and Education”.

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To conduct an Industry-University-Government cooperative

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and education by actively transferring their scientific and

To increase the added social value of the University’s research

Contents

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02 Technical Advice Service • Page 04

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Industry-University-Government Collaboration Scheme

Concept of Tohoku University Science Park •

Organization Chart / Service Descriptions • Page 14
Promotion

In order to encourage collaboration with industry and trans-discipline of academic fields, and to further develop Tohoku University’s research outcomes, we actively disseminate our researcher information and their research results to the public.

Research Profiles
For the purpose of utilizing our researchers’ research results in various industries, we have published their research profiles. Among the research results, about 200 can be found in our booklet and about 300 on the website.

How to search research profiles
- By nine different research fields
  - Life Sciences
  - Nanotechnology / Materials
  - Social Infrastructure
  - Information Communication
  - Energy
  - Frontier
  - Environment
  - Manufacturing Technology
  - Liberal Arts
- By Index
- Researchers
- Keywords
- Research Themes
- By full text search
  (You can find Index on our website.)

- When you find a research profile to match your needs
You can contact us on our website. Please make your inquiry by using the “Inquiry Form” on the appropriate research profile page. When the Office of Cooperative Research and Development receives your inquiry form, we will propose meetings etc. with researchers for the purpose of exchanging information. For further information, please refer to “For first time users” and “Support and FAQ” on the website.

Contact
If you wish to have our Research Profiles (Booklet), please contact the Business Development Division.
seeds@rpip.tohoku.ac.jp

Innovation Fair
We organize “Innovation Fair” to provide opportunities for creating new relationships between our researchers and industry representatives etc.
Through poster sessions and presentations, the event introduces Tohoku University’s advanced research projects as well as budding research projects by its young researchers.
The next Innovation Fair will be held at Sendai International Center on January 28, Tuesday, 2014.

Contact
Business Development Division
liaison@rpip.tohoku.ac.jp

http://www.rpip.tohoku.ac.jp/seeds/lang:en/
Having Problems on Technical Matters?

We accept requests for technical advice from companies and research institutions etc. We find and introduce the appropriate University researcher in accordance with your request.

Process for Technical Advice
1. Send us an e-mail concerning your technical problem and needs.
2. We confirm the details of your request and look for the appropriate researcher.
3. We arrange a meeting when we find the researcher (Tohoku University researcher). The first meeting is free of charge.
4. If you need further consultations, we will ask you to enter into an Academic Consulting Agreement.

Request Examples
1. Our company needs technical advice on XXX development technology. We would like Tohoku University to introduce an appropriate researcher.
2. Our company needs advice from Prof. XXX on XXX technology. Please introduce Prof. XXX to us as we have no previous contact with him.

Contact Business Development Division

g-soudan@rpip.tohoku.ac.jp (For technical advice)

Academic Consultations by University Researchers

Our researchers with expert knowledge will support providing solutions to your company’s technology-related problems.

Academic Consulting provides technical guidance, supervision and the various forms of consultations which had been difficult to be conducted in existing joint and sponsored research agreements. The service is provided as part of the researcher’s university work (within professional duties), not as the traditional way of additional out-of-hours work (outside professional duties).

Consulting Fees
Consulting fees are determined after mutual consultations with the client.

Handling of Intellectual Property Rights
The ownership and handling of any intellectual property rights resulting from Academic Consulting are determined through mutual consultations in consideration of the circumstances concerning the creation of such invention etc.

Refer to P.5 for procedures.
Joint Research with Companies etc.

Our Joint Research Scheme facilitates creation of outstanding research results by having our University researchers and company researchers work together on a mutual research project. The merit of this scheme is that the companies can effectively utilize the human resources and R&D capacities of our University.

Research Fees

Companies are required to fund the total amount of direct costs and indirect costs (10% of direct costs by a standard) needed to execute the research project. If the University accepts any Joint Research Associate from the company for the project, the company is also required to pay a fixed research fee of 210,000 JPY for 6 months per person.

Sponsored Research

In the Sponsored Research Scheme, our University researchers conduct research projects assigned by government agencies and companies etc., and report the result to the client. By using this scheme, the client can expect certain time/money savings compared to conducting R&D in house.

Research Fees

The client is required to fund the total amount of direct costs and indirect costs (i.e. 30% of direct costs) needed to execute the research project.

Refer to P.11 for the handling of intellectual property rights created by Joint Research and Sponsored Research

Procedures for Joint Research / Sponsored Research / Academic Consulting Agreement

Joint Research Data

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2008</td>
<td>2,459 836</td>
</tr>
<tr>
<td>FY2009</td>
<td>2,692 854</td>
</tr>
<tr>
<td>FY2010</td>
<td>2,956 862</td>
</tr>
<tr>
<td>FY2011</td>
<td>2,840 831</td>
</tr>
<tr>
<td>FY2012</td>
<td>3,084 811</td>
</tr>
</tbody>
</table>

Sponsored Research Data

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2008</td>
<td>9,131 697</td>
</tr>
<tr>
<td>FY2009</td>
<td>9,563 886</td>
</tr>
<tr>
<td>FY2010</td>
<td>10,008 786</td>
</tr>
<tr>
<td>FY2011</td>
<td>11,397 786</td>
</tr>
<tr>
<td>FY2012</td>
<td>9,587 725</td>
</tr>
</tbody>
</table>
Creating Extensive Collaboration Schemes

We promote concrete collaborations synergistically through organizational partnerships developed by the University as a whole with companies in all fields where mutual cooperation is possible, including R&D, human resources development, and responsibility toward the local community.

Our University works together with companies to explore and manage research projects based on corporate needs. One feature of this model is the establishment of a steering committee made up of a secretariat and a person responsible for research management from both companies and the University to achieve the desired research results through proper management. This model facilitates more streamlined promotion of research and easier exploration of new research themes. If companies desire, we can look for and introduce an appropriate researcher from diverse research fields in our University.

Collaboration Examples

- Establishment of steering committee
- Implementation of technology exchange meetings for exploration of research themes
- Development and exchange of human resources

Development of leading-edge technologies and products through R&D drawing on a range of areas and disciplines

Company

- R&D
- Business division
- Intellectual property division
- Technology planning division

University

- Department A
- Department B
- Department C
- OCRD

Needs

Research theme

Seeds

Research cooperation agreement

- Technological exchange
- Exploration of themes

Research theme

Research theme

Research theme

Conclusion of joint research agreement (individual / comprehensive)

Research implementation

Research achievements, etc.

IP contribution, etc.

Support

Company side

CTO

Technology planning division

Steering committee

OCRD Director, etc.

OCRD

University side

Management

- Goal management, progress management, presentation of results, etc.

Support representatives from both sides

Collaboration Partners

- Central Institute for Experimental Animals
- Dowa Holdings Co., Ltd.
- High Energy Accelerator Research Organization (KEK)
- Hitachi, Ltd.
- IBM Japan, Ltd.
- Japan Aerospace Exploration Agency (JAXA)
- National Institute for Fusion Science (NIFS)
- National Institute of Advanced Industrial Science and Technology
- National Institute of Informations and Communications Technology
- National Institute of Radiological Sciences
- Nippon Telegraph and Telephone Corporation
- Toshiba Corporation
- The 77 Bank, Ltd.
- Sumitomo Metal Mining Co., Ltd.
- Tokio Marine & Nichido Fire Insurance Co., Ltd.
- The Kahoku Shimpo

Contact

Business Development Division
liaison@rpip.tohoku.ac.jp

Office of Cooperative Research and Development, Tohoku University
Development of Research and Education

Donations

We accept donations from companies and individuals to support academic research, enhancement/development of education, and management of the University.

Refer to the following URL for contact window of each department

Establishment of New Chairs and Research Divisions

Endowed Chairs / Research Divisions

In accord with this system, Tohoku University actively establishes and operates new chairs and research divisions with donated funds from companies for the purpose of diversified education, research, and applications for research at the University. The establishment period for the system is from two to five years but can be extended.

You can apply at a contact office of an appropriate department at Tohoku University. Please refer to the following URL
http://www.rpip.tohoku.ac.jp/main/kihukoza.html

Joint Research Chairs / Research Divisions

In accord with this system, Tohoku University accepts researchers as well as funds from companies, etc. By doing so, instructors at Tohoku University and researchers from companies share a common goal and promote joint research based on a practical application perspective of research achievements. Since the University and companies discuss research plans and operate the system together, research results and intellectual property are shared. The establishment period for the system is from two to five years but can be extended. The use of research funds includes both an expense for traditional joint research and rent for research sites. Hence, we make sure that research sites are secure.

Industry-University Cooperation Division
kenkyo-gaibu@bureau.tohoku.ac.jp

Support for Business Start-ups and University Ventures

We provide Industry-University collaboration support for business start-ups and university ventures using the University’s research results.

We support start-ups of our faculty members and students, and provide consultations on matters such as business strategies (i.e. marketing / IP strategies / business plans, etc.), fund raising, and product commercialization.

Business Development Division
TEL:+81-(0)22-217-6043
liaison@rpip.tohoku.ac.jp
We have established cooperative research centers and incubation facilities with an open lab space for companies in order to advance their proximity with various research laboratories.

Cooperative Research Centers
New Industry Creation Hatchery Center (NIChe)
NIChe performs unique, advanced research and development in collaboration with industry. The entry into each research area is managed 24 hours a day for protection of confidentiality, providing a place for smooth and efficient implementation of joint research projects. In addition to the main building, NIChe consists of other facilities such as the Fluctuation Free Facility in which voltage fluctuations and vibrations, etc., are controlled in order to make ultra-fine processing possible and the Hatchery Laboratory newly established in March 2009.

Junichi Nishizawa Memorial Research Center
The Center includes experiment areas of approximately 4,500m² containing major clean rooms. The Center rents out its research space and the fine processing measurement equipment for semiconductors and MEMS for use to private companies.

Clinical Research, Innovation and Education Center (CRIETO)
CRIETO’s activities are centered around collaborations for creating practical applications of basic research results in medical and life sciences fields. CRIETO accommodates “Open Lab Spaces” as well as “Shared Experiment Room” with equipment for cell culture research.

Incubation Facility
Business Incubator Collaborated with Tohoku University (T-Biz)
T-Biz is an incubation facility operated by the Organization for Small & Medium Enterprises and Regional Innovation in cooperation with Miyagi Prefecture, Sendai City and Tohoku University. It offers rooms for rent, as well as management support through resident incubation managers who support business development such as the creation of university ventures.

Research Funding Data

<table>
<thead>
<tr>
<th>Funding Amount (FY2012)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
</tr>
<tr>
<td>Donations</td>
</tr>
<tr>
<td>Joint Research with industry</td>
</tr>
<tr>
<td>General funds</td>
</tr>
<tr>
<td>Competitive funds</td>
</tr>
<tr>
<td>NIChe Subtotal</td>
</tr>
<tr>
<td>Subtotal</td>
</tr>
<tr>
<td>Academic Consulting</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

Research Funding Trends by Contract Types (FY2004-FY2012)

Office of Cooperative Research and Development, Tohoku University
Approaches on International Industry-University Collaboration

Promote Collaboration with Overseas Companies etc.

By collaborating with overseas companies and research institutions, we promote the University’s mission of contributing to the international society and further enhancement of its international competitiveness.

Support for Collaboration

To promote international industry-university collaboration aggressively, we are in charge of all collaboration/liaison with overseas firms, support for research agreements in English, and visits by overseas companies, etc.

Matching Industrial Needs and University Technologies

By understanding the needs of companies interested in our University’s research results, we match the University researchers to their needs. In our scheme, specially assigned collaboration coordinators provide support on arranging meetings for joint research projects, concluding research agreements, and following up on the project progress etc.

Support by Business Development Division

- Arrangement of Meetings between Company Representatives and University Researchers
- Support on Confidentiality Agreement (NDA / CDA)
- Support on Research Agreement
- Conclusion of Agreement

Match Areas of Interest

Exchange Technical Opinions

Draft Research Implementation Plan

Agree on Research Agreement Content

Start Research

Attending Overseas Companies' Visits

We arrange and attend meetings between our researchers and visitors from overseas companies/institutions, and introduce the University’s various activities to the visitors. We strive for further promotion of collaborations between our University and overseas companies/institutions while working with local communities in cooperation with Japan External Trade Organization (JETRO), Ministry of Economy, Trade and Industry (METI), Miyagi Prefecture, and Sendai City, etc.

Contact

Business Development Division (International Contact)
globalcollabo@rpi.tohoku.ac.jp

Visit by Mr. Heinonen (right), State Secretary, Prime Ministers Office, Republic of Finland (at Institute for Materials Research)
In order to promote the University's research achievements worldwide, we actively participate in various technology exhibitions and trade shows.

International Industry-University Collaboration Symposium

We host the annual "International Industry-University Collaboration Symposium" for the purpose of promoting global development of research and education activities and Industry-University collaboration at Tohoku University. Examples of collaborations with foreign corporations and the University’s major research achievements and activities are introduced in the Symposium.

The 5th Symposium was held at Otemachi Sankei Plaza, Tokyo, on December 4, 2012. It drew around 150 participants from companies, governments, and universities from home and abroad.

International Research Agreement Data

Transition of International Research Agreement Amount and Numbers (FY2007–FY2012)

Numbers of International Research Agreement by Regions (FY2012)

*Includes amount and numbers for international agreements including Japanese companies, and agreements with Japanese subsidiaries of foreign companies.
Filing and Utilization of Intellectual Property Rights

• Giving Research Results / Inventions Back to Society

We flexibly respond to companies’ needs in order for our collaborators to utilize the University’s intellectual properties in their business development.

Creation of Intellectual Properties at Tohoku University

Number of Invention Disclosures and Patent Applications (As of June 1, 2013)

2012 Invention Disclosures
(427Disclosures Sorted by Technology Fields)

Policies on Attribution of Intellectual Properties

Results of Sponsored Research
IP rights created by sponsored research belong to the University. Where university inventions have been developed with the client’s contribution of ideas or information, the rights can be shared upon mutual consultations between the both parties.

Results of Joint Research
If an invention is created independently as part of Joint Research, the IP related rights belong exclusively to the party creating such invention. If an invention is created jointly, the IP rights related to the invention are shared by the University and the collaborating company.

Execution and Filing Expenses of Joint Patent Applications
One of the four options (refer to the right column) can be selected upon mutual consultations at the time of filing an application.

1 Assignment
The University’s share of the right is assigned to the company for a fee.

2 Exclusive License
The company retains an exclusive license for a fee.

3 Non-Exclusive License
If the company’s non-exclusive license of the invention is expected to contribute or has actually contributed to its business, the company pays a royalty to the University.

In the above three cases, filing and other related fees are paid by the company.

4 Assignment / License to Third Party
If the company selects none of the above, the University can assign its share of the right or grant a non-exclusive licence of the said right to a third party without obtaining consent from the company. Filing and other related fees for such invention are paid by both parties based the ratio of their shares.

**University-owned results**

- **Inventor** → **Disclosure of invention** → **Intellectual Property Evaluation Committee** (meets weekly) → **Intellectual Property Screening Committee** (meets monthly) → **Patent application**
  - **Approx. one month**

**Joint results**

- **Inventor** → **Disclosure of invention** → **Intellectual Property Evaluation Committee** (meets weekly) → **Intellectual Property Screening Committee** (meets monthly) → **Joint patent application**
  - **Approx. one month**

**Status of Institutional Ownership and Invention Classification at Tohoku University**

Tohoku University examines the invention disclosure to determine whether it is an employee invention. If so, the university will determine whether or not it belongs to the university, placing the invention in one of the following five categories according to the division of patent filing costs.

<table>
<thead>
<tr>
<th>Category</th>
<th>Attribution</th>
<th>Share of patent filing and other costs</th>
<th>% of cases in FY2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>University + companies - University alone</td>
<td>100% companies</td>
<td>253</td>
</tr>
<tr>
<td>B</td>
<td>University + companies - other institutions</td>
<td>Divided according to holding share</td>
<td>24</td>
</tr>
<tr>
<td>C</td>
<td>University alone - University (Headquarter)</td>
<td>University (Laboratory)</td>
<td>32</td>
</tr>
<tr>
<td>D</td>
<td>University alone</td>
<td>7%</td>
<td>79</td>
</tr>
<tr>
<td>E</td>
<td>Individual inventors</td>
<td>-</td>
<td>63</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>451</td>
</tr>
</tbody>
</table>

**FY2012 Invention Classification Status**

- **A**: 15% (University + companies - University alone)
- **B**: 15% (University + companies - other institutions)
- **C**: 58% (University alone)
- **D**: 5% (Individual inventors)
- **E**: 7% (Other institutions)

**Invention classifications**

- **A**: All costs, including patent filing, etc., borne by the company, regardless of whether the invention emerged from joint or sponsored research or through a foundation, etc.
- **B**: Joint filing with companies, other universities, national research institutes, etc., with costs apportioned according to the holding ratio.
- **C**: Patent filing by Tohoku University alone, with patent application and other costs borne by the Intellectual Property Division.
  - Covers inventions which are determined (1) to be patentable and have market feasibility or (2) to have little immediate market feasibility but should be retained for strategic reasons.
- **D**: The following cases apply
  - Cases where patent filing costs are covered by research funding
  - Cases requiring an urgent patent filing where there is no time for an invention assessment
  - Cases where, because the invention is patentable but where market trends are not clear, the patent filing is made tentatively using research funding
- **E**: The following cases apply
  - Where the invention lacks novelty because it is already publicly known.
  - Where there is no innovation
  - Where additional data is needed to make up for data shortfalls
  - Where the pioneer patent is held elsewhere and there is little value in the university holding only a peripheral patent.
Approach on Further Development of Collaborative R&D
- Concept of Tohoku University Science Park -

As a hub for researchers and research institutions, Tohoku University is planning to develop a Science Park in the new Aobayama campus currently under construction.

Objectives
Based on world-class research results, Tohoku University is planning to establish the Science Park as a hub for open innovation to develop pioneering industry-university-government cooperative research. We will contribute to the development of society as well as to the enhancement of industrial technology in Japan by creating a "new technology/industry" through "new academic fusion/creation of integrated area of government, industry, and academia" and "intercommunication/cultivation of human resources." In this way, we will aim to leap to world class.

Foundation of the Center for Innovative Integrated Electronics Systems
The Center will facilitate research and the development of integrated electronic technologies in collaboration with industry partners. It will establish a hub for global Industry-University collaboration. The Center was founded in April 2013.
The Office of Cooperative Research and Development contributes to the creation of knowledge by facilitating promotion of Tohoku University’s vast areas of academic research, institutionally manage / utilize the research results as the University’s intellectual properties, and support generation of new businesses.

**Service Descriptions**

**Intellectual Property Division**
- Assessment/examination of intellectual property, patent applications, acquiring, maintaining and waiving IP rights, etc.
- Joint IP rights application agreements
- Collaboration and coordination with TLO (Technology Licensing Organization)
- Utilization of intellectual property rights
- IP human resource development and PR within University

**Contact** TEL:+81-(0)22-217-6031 chizaibu@rpip.tohoku.ac.jp

**Business Development Division**
- One-stop services for Industry-University collaboration
- Planning and promoting organizational partnerships in relation to Industry-University collaboration
- Technology consultation and support for collaborative projects
- Support for promoting business start-ups using research results

**Contact** TEL:+81-(0)22-217-6043 liaison@rpip.tohoku.ac.jp

**International Contact**
- Support for English research agreements
- Contact for collaboration with overseas companies
- Public relations to overseas

**Contact** TEL:+81-(0)22-217-6035 globalcollabo@rpip.tohoku.ac.jp

**Industry-University Cooperation Division**
- Planning training for industry-university collaboration and IP
- Drafting survey materials related to Industry-University collaboration (including IP)
- Administrative duties for the Office of Cooperative Research & Development

**Contact** TEL:+81-(0)22-217-6040 chizaikakari@bureau.tohoku.ac.jp

**External Fund Management**
- Support for joint and sponsored research agreement
- Requests for research funding allocations
- Acceptance of donations and establishment of endowed chairs and research divisions, etc.
- Establishment of joint research chairs and research divisions

**Contact** TEL:+81-(0)22-217-6041 kenkyo-gaiibu@bureau.tohoku.ac.jp

**Innovation Promotion Support Division**
- Administrative support for organizational Industry-University collaboration projects

**Contact** TEL:+81-(0)22-217-6187 innov-shien@rpip.tohoku.ac.jp

**Center for Integrated Nanotechnology Support**
- Rental service for equipment (i.e. electronic microscope, etc.) related to nanotechnology research

**Contact** TEL:+81-(0)22-217-6037 cintsoffice@rpip.tohoku.ac.jp
Access from Sendai Station

**Airlines (Approximate Time)**
- Sapporo: 1hr 10mins
- Hiroshima: 1hr 35mins
- Chubu (Nagoya): 1hr 10mins
- Naha: 2hrs 55mins
- Narita: 1hr

**Railway, Shinkansen (Bullet train)**
- Tokyo: 1hr 40mins
- Aomori: 2hr 11mins
- Morioka: 43 mins

From Sendai Airport to Sendai Station: 17 mins by rapid train of the Sendai Airport Access Line

**On foot**
- 20 mins from JR Sendai Station

**Taxi**
- 5 mins from JR Sendai Station

**Bus**
- Get in the bus terminal at the JR Sendai Station (bus stop No. 11)
- 2 mins walk from Tohoku Daigaku Seimon-Mae (The Main Gate, Tohoku University) bus stop

**Subway**
- 10 mins walk from North Exit 2, Itsutsu-bashi Station

**Bus**
- 2 mins walk from the JR Sendai Station

**Taxi**
- 5 mins from JR Sendai Station

**Subway**
- 10 mins walk from North Exit 2, Itsutsu-bashi Station

**Railway, Shinkansen (Bullet train)**
- Tokyo: 1hr 40mins
- Aomori: 2hr 11mins
- Morioka: 43 mins

**On foot**
- 20 mins from JR Sendai Station

**Taxi**
- 5 mins from JR Sendai Station

**Bus**
- Get in the bus terminal at the JR Sendai Station (bus stop No. 11)
- 2 mins walk from Tohoku Daigaku Seimon-Mae (The Main Gate, Tohoku University) bus stop

**Subway**
- 10 mins walk from North Exit 2, Itsutsu-bashi Station

**Airlines (Approximate Time)**
- Sapporo: 1hr 10mins
- Hiroshima: 1hr 35mins
- Chubu (Nagoya): 1hr 10mins
- Naha: 2hrs 55mins
- Narita: 1hr