



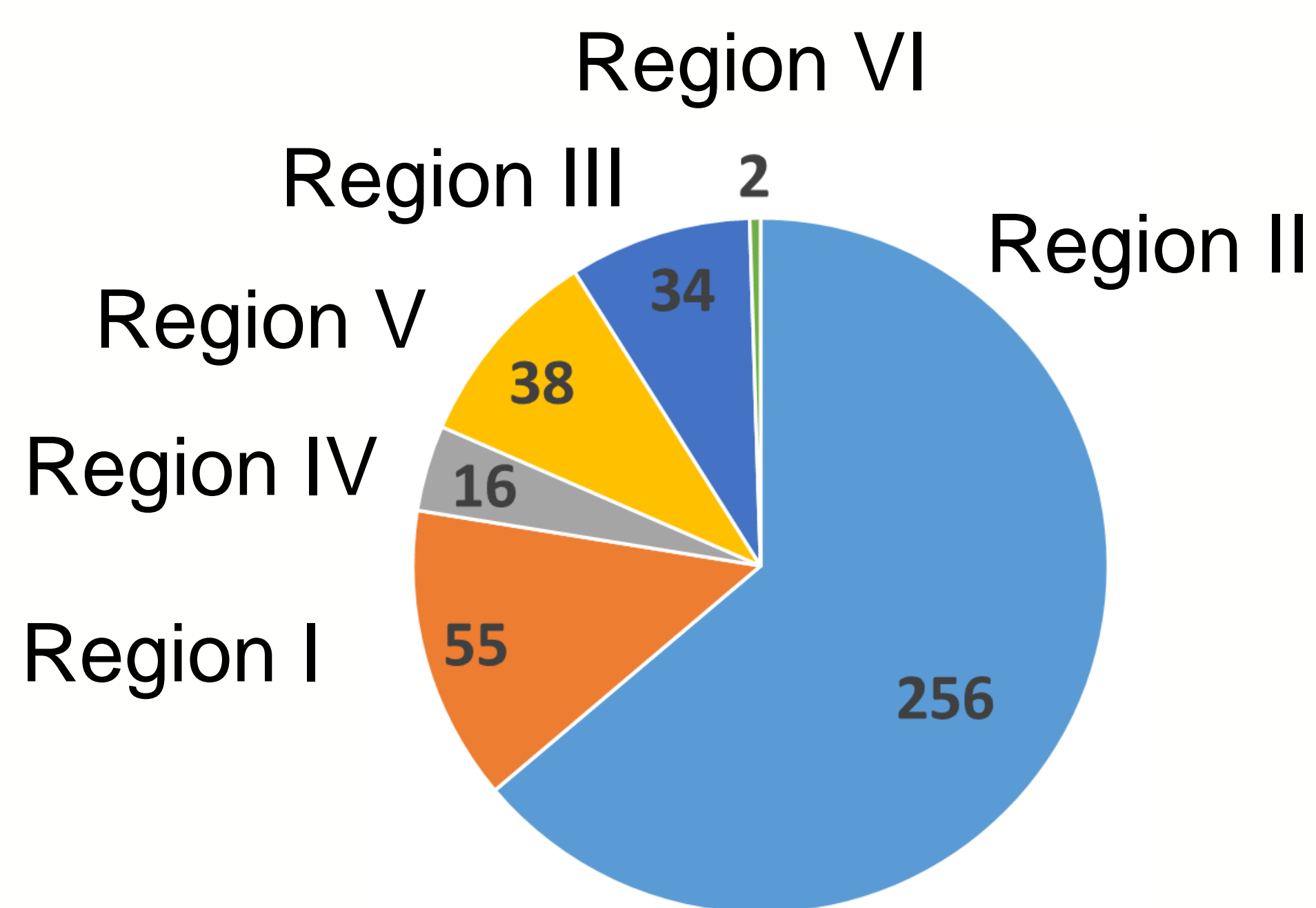
Reinforcement of Meteorological Services

JMA-JICA Training Program on Meteorological Services (1973 -)

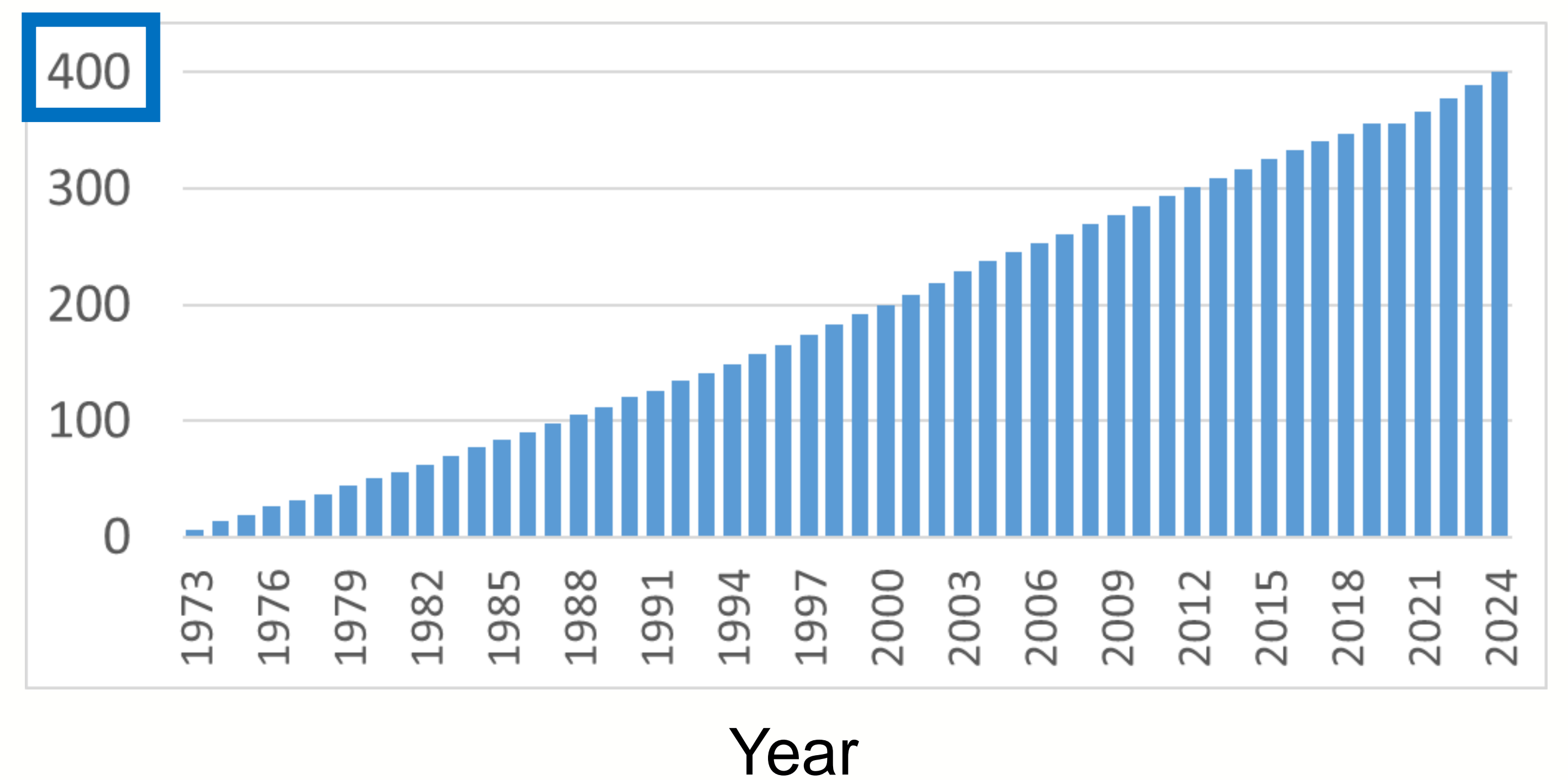


- JMA has been conducting **JICA (Japan International Cooperation Agency) Knowledge Co-Creation Program Reinforcement of Meteorological Services** in collaboration with JICA over 50 years since 1973. The total number of participants has reached 401.
- This 3 months-long intensive program aims to **train future leaders of NMHSs by providing a unique curriculum that covers not only a wide range of practical knowledge and skills** across the whole value chain of meteorological services, including **strategic planning skills** to improve their NMHS services in the future.

Number of participants from each region



Accumulative number of participants



Program structure

Lecture

- AWS and radar meteorology
- Numerical weather prediction
- Satellite meteorology
- Weather forecast and warning services
- Climatology and climatological information, etc.

Exercise

- AWS and radar maintenance
- Operational forecasting (NWP guidance)
- Satellite data application
- Processing climate data/products
- Development of Action Plan**



Visit to Tokyo Aviation Weather Service Center



Visit to Sendai Regional Headquarters, JMA

History of the program

1973:

The program started with the title “flooding forecast and warning.”

1981:

Target country was expanded from Asia-Pacific to all over the world. Contents of the program were expanded to cover a wide range of topics across the value chain of meteorological services.



Graduates of 1982

2003:

More exercises were incorporated into the program to give practical skillsets in the areas of numerical prediction, weather satellite data, and climate information.

2008-present:

The program incorporated the exercise of development of action plans to improve NMHS services of their own in the future, to develop strategic planning skills.



Graduates of 2024

Voice from a past participant

“Very grateful for the whole experience. I got to meet a lot of super interesting people from different countries and cultures, and developed meaningful relationships with them. I’m going back to my country with a new perspective about the importance of the work that I do. I’m very motivated to improve and develop my action plan.”



A participant from Timor-Leste