

JAPAN'S EDUCATIONAL POLICY AIMED AT SOCIETY 5.0

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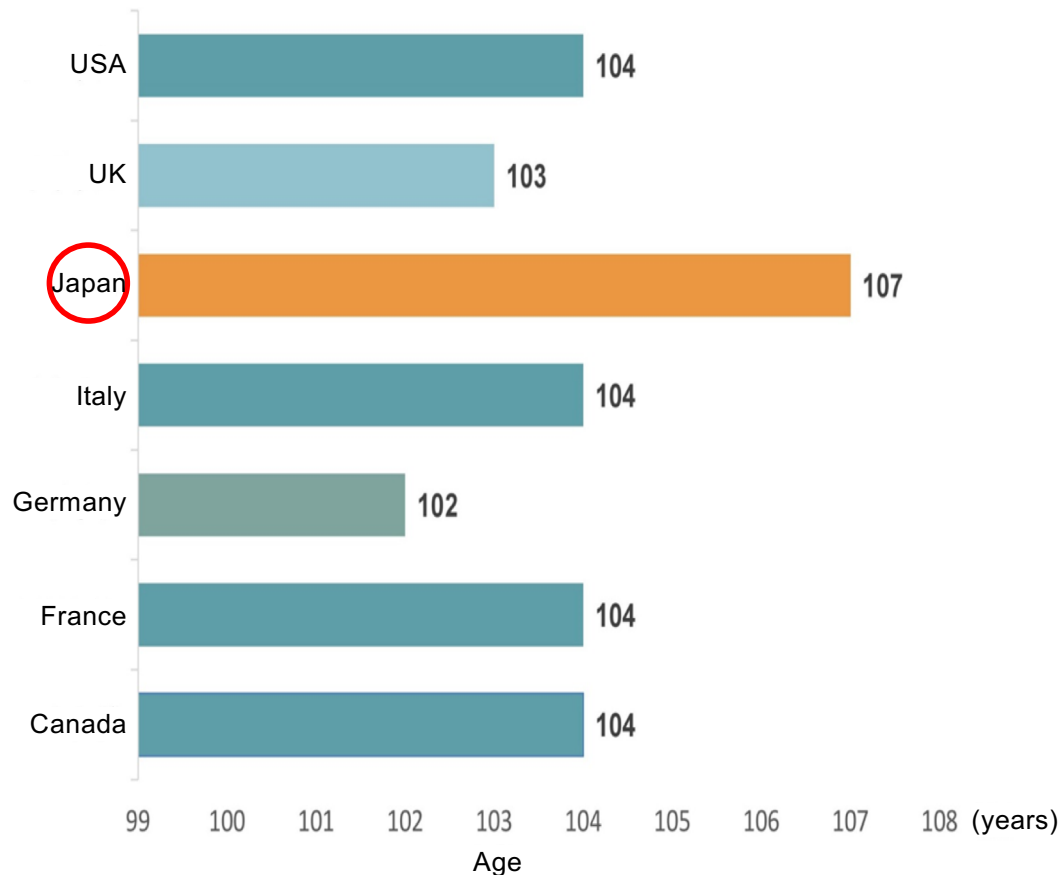
"The Spirit of Value: Inspirations from Japan"



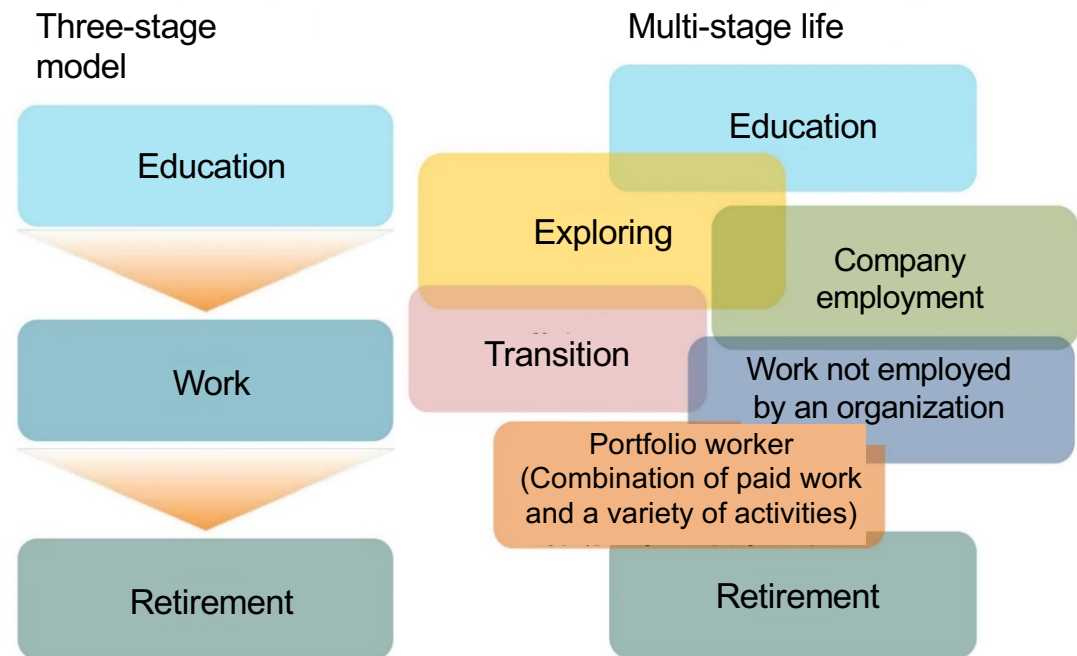
The Coming of the “100-Year Life Society”

- Children born in Japan in 2007 have a 50% probability of living to 107 years old.
- A shift from the traditional three-stage life model to a multi-stage life model will be expected in the 100-Year Life Society.

- Age 50% of children born in 2007 are expected to reach



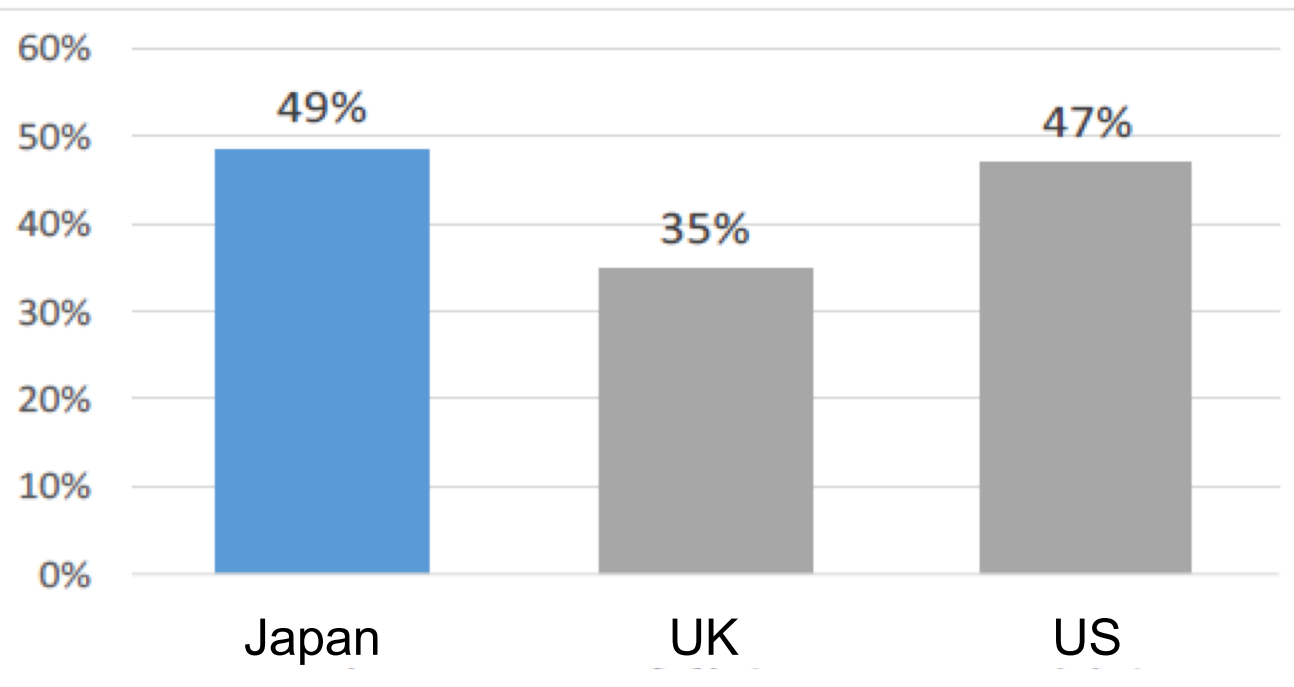
- Multi-stage life rather than a three-stage life



Proportion of the working population likely to be replaced by AI or robots.

- Around 49% of the working population in Japan could be replaced by AI or robots in 10 to 20 years.

Proportion of the working population likely to be replaced by AI or robots, etc. (comparison of Japan, UK and US)



* Data on Japan estimates the probability of 601 types of job in Japan being replaced by AI or robots.

* Data on Japan is from Nomura Research Institute and joint research by Associate Professor Michael A. Osborne of Oxford University and Dr. Carl Benedikt Frey (2015)

Data on the US is from "The Future of Employment" (2013) coauthored by Associate Professor Osborne and Dr. Frey

Data on the UK is from the report results (2014) by Associate Professor Osborne, Dr. Frey and Deloitte Tohmatsu Consulting.

(Source) News release by Nomura Research Institute dated December 2, 2015

Jobs that will Disappear/Remain in 10-20 Years due to the AI

- ❑ The structure of employment will become polarized in the future due to the advancement of AI.
- ❑ It will also be **necessary to transform the content of labor** in the business community.

Work that will disappear/ low-income work
= **Formulaic work**
Work requiring the huge accumulation of knowledge

- Telemarketer, salesperson, restaurant/lounge/coffee shop worker, cashier
- Insurance underwriter, insurance claims examiner, automobile insurance appraiser credit analyst, worker performing credit card approval and review, worker performing survey, person reviewing/investigating on real estate registration, agent for reporting taxes, real estate broker
- Bank teller, finance officer, securities company general worker, person in charge of bookkeeping/accounting/auditing
- Person responsible for collection/processing/analysis of data using computers, data entry person and document organizer
- Order handler, procurement handler, freight forwarding/receiving/logistics management handler, freight handler, telephone operator, delivery person using vehicles
- Library assistants, sports referees, models
- Tailor, watch repairer, film developer, photographer, etc.

Work that will remain
= **Planning and interpersonal work**

- Mechanical/facility/repair site supervisor, risk management supervisor
- Physician/surgeon, nurse, dental technician
- Mental health/medical social worker, clinical psychotherapist, counselor, auditory trainer, work therapist, cleric
- Fire fighting/disaster prevention site supervisor, police/detective site supervisor
- Lodging facility manager, sales engineer
- Psychologist, teacher, daycare worker, nutritionist, education coordinator, job counselor
- Clothing pattern maker, makeup artist
- Personnel manager, computer systems analyst
- Museum/art gallery curator, athletic coach, forest manager, etc.

The Coming of Society 5.0

- The coming of Society 5.0, which is the 5th new society for mankind following hunting society, agricultural society, industrial society, and information society is expected in around 2030.

