

Additional notes

Annotation 1: Research and study on the advancement of digital technologies and their utilization

Questionnaire to the general public

This survey of the general public in Japan, the U.S., Germany, the UK and China was conducted to ascertain the experience or intention of use of and images of digital technologies such as AI, metaverse, robot and fully autonomous driving.

Items	Overview		
Survey method	Internet questionnaire survey		
Survey period	January to February 2024		
Target area	Japan, the U.S., Germany, the UK and China		
Selection method	Selected by age group (20s, 30s, 40s, 50s, 60s and older) and gender (male and female) from among questionnaire survey company monitors.		
Valid response	A total of 1,000 samples were collected in each country, with 100 each by age (20s, 30s, 40s, 50s, 60s and older) and sex (male and female). The number collected in each country is as follows.		
	<Japan>		
	Age	Male	Female
	20-29	103	103
	30-39	103	103
	40-49	103	103
	50-59	103	103
	60-	103	103
	Total	515	515
		1,030	
	<the U.S., Germany, the UK, China>		
	Age	Male	Female
	20-29	52	52
	30-39	52	52
	40-49	52	52
	50-59	52	52
	60-	52	52
Total	260	260	
	520		
Main survey items	<div><div>[1]</div><div>Basic attributes (sex, age, occupation, regional characteristics, annual household income)</div></div> <div><div>[2]</div><div>Understanding of the terms of generative AI, metaverse, digital twins, NFT, smart speaker and fully autonomous driving, experiences of use of those services, and reasons why not to use them.</div></div> <div><div>[3]</div><div>Thoughts to generative AI, thoughts to the proliferation of it, thoughts to the use of it at home and in entertainment, images to generative AI, and the promotion of policies to develop and help forward AI and generative AI</div></div> <div><div>[4]</div><div>thoughts to the use of metaverse at home and in entertainment, thought to the use of it at work, and image to metaverse</div></div> <div><div>[5]</div><div>Whether to use robots at home or not, thoughts to the introduction of home-use robot and thoughts to the proliferation of robot at home</div></div> <div><div>[6]</div><div>Whether to drive a car or not, thoughts to fully autonomous driving and thought to proliferation of fully autonomous driving</div></div>		
Notes	The survey targeted monitors registered with the questionnaire survey company. Factors such as the small number of registered monitors may have biased the characteristics of the subjects and their responses, depending on the country, gender or age group.		

Annotation 2: Research and study on the latest trends in information and communication technology research and development, as well as digital utilization, both domestically and internationally
(1) Survey research on the use of digital technologies domestically and internationally

a. Questionnaire to the general public

This survey of the general public in Japan, the U.S., Germany and China was conducted to ascertain the state of digital utilization in working style, private services and public services.

Items	Overview						
Survey method	Internet questionnaire survey						
Survey period	December 2023 to January 2024						
Target area	Selected without age bias from among questionnaire survey company monitor						
Valid response		20s	30s	40s	50s	60s	Total
	Japan	206	206	206	206	206	1030
	The U.S.	104	104	104	104	104	520
	Germany	104	104	104	104	104	520
	China	104	104	104	104	104	520
	Total	518	518	518	518	518	2590
	* Individuals under 20 and over 70 were excluded from this questionnaire.						
Main survey items	<ul style="list-style-type: none"> • Basic attributes (age) • Usage of digital service for work such as remote work • Usage of interactive entertainment services in virtual space • Usage of digital administrative services • Expectations and concerns about the digitalization in various services • Literacy in and thoughts on digital usage 						

b. Questionnaire to company

This survey of companies in Japan, the U.S., Germany and China on digital usage was conducted from the perspectives of technology/data, organization and human resources.

Items	Overview			
Survey method	Internet questionnaire survey			
Survey period	January 2024 to February 2024			
Target area	Selected without age bias from among questionnaire survey company monitor			
Valid response		Large enterprises	Small-to-medium-sized enterprises	Total
	Japan	361	154	515
	The U.S.	233	76	309
	Germany	213	96	309
	China	286	23	309
	Total	1093	349	1442
Main survey items	<ul style="list-style-type: none"> • Basic attributes (industry, number of employees) • Data and technology used in efforts to switch to digital • Effects of efforts to switch to digital • Organized efforts to promote the switch to digital • Shortage of digital human resources and efforts to secure them • Challenges in promoting the switch to digital 			

(2) Survey on the use of the digital technologies in the 2024 Noto Peninsula Earthquake

Questionnaire to the general public

This survey of the general public in Japan (not limited to disaster areas) was conducted to ascertain the use of the media in the 2024 Noto Peninsula Earthquake.

Items	Overview					
Survey method	Internet questionnaire survey					
Survey period	March 2024					
Target area	Selected without age bias from among questionnaire survey company monitor					
Valid response		20s	30s	40s	50s	60s
						Total
	Japan	412	412	412	412	412
* Individuals under 20 and over 70 were excluded from this questionnaire.						
Main survey items	<ul style="list-style-type: none"> • Basic attributes (age) • Whether to do the confirmation of safety or not and tools to do so • Media to use as a tool for information gathering after the earthquake • Information gathering and distribution on social media related to the earthquake • Status to encounter unverified information 					