Confidential General Statistical Survey	·			•	•				
<b>政府統計 Japanese National Inn</b>			General Statistical Survey pursuan			.53 of 2007	7).		
	<ul><li>○ This survey tar</li><li>○ This survey wil</li></ul>	<mark>rgets <u>all the ente</u>r I be used for statis</mark>	prises, including the enterprises stical purposes only, and will not	that have nev	er realised ar	ny innova	tions.	n to the re	espondents
	○ In this survey, '		alendar year". For example, "2021						
	O Please submit	a filled-out ques	lender year, your response may c tionnaire by <u>Monday, 31th Octok</u>	er 2022.	•	•			
			<b>ptable by using the online respo</b> Please log in the online response s					2), as well	as by post
			in charge of responding to this						
Corporate Number (Please fill in the 13 digit "Corporate Number" )		with the person if	there are any inquiries regarding	the information			onnaire.		
	Name		Division		Pho	one			
1 Enterprise Group <sup>*1</sup> (as of the end of 2021) 1-1 As the end of 2021, was your enterprise part of an	enternrise aroun	7	6 Strategies and Knowle 6-1 Strategies for the econ		<b>nce</b> *7 (during	the three	vears from	2019 to 20	121)
Please tick (<) one circle  where it is applicable.  Part of an enterprise group with the head office located in Japan			Please tick (✓) <u>one</u> circle ○ w			f focus in <u>eac</u>	ch of the strat		).
Part of an enterprise group with the head office located in <b>Japan</b> Part of an enterprise group with the head office located in a <b>forei</b>					Importar		lopted ance: Moderate In	nportance: Low	Not adopted
Stand-alone, with no part of any enterprise group (no parent and *1) In this survey, an "enterprise group" of your firm refers to your enterprise as well as a group consist			(a) Focus on improving your <b>existin</b> (b) Focus on introducing <b>new good</b> :		s		0	0	0
company" is defined as an enterprise owning a majority of all votes of your enterprise, or one cont defined as an enterprise a majority of all votes of which is owned by your enterprise, or one the man	rolling the management of you	ur enterprise. "Subsidiary" is	(c) Focus on <b>low-price</b> of goods or s	ervices			0	$\bigcirc$	0
Please answer all the following questions only for your enter			(d) Focus on high-quality of goods (e) Focus on a broad range of good				0	0	0
all other enterprises of the group.  Persons employed, etc.*2			(f) Focus on small number of key go	ods or services			0	0	0
2019	2021		(g) Focus on satisfaction of <b>establisl</b> (h) Focus on reaching out to <b>new cu</b>				0	0	0
2-1 N of persons employed 100%	100%		(i) Focus on standardised goods of (j) Focus on customer-specific solu		vices)		0	0	0
2-2 To 2-1, the ratio of full-time			*7) Economic performance refers to the results of corpo	rate activities such as firm size	e-growth (sales and emp	loyment growth),		eturn on capital, an	id market share, etc.
employees or staff *3 approx.  %  2-3 To 2-1, the ratio of the persons who completed tertiary education *4	approx.	100%	6-2 Activities concerning in Please tick (✓) one circle ○ of e	ntellectual prolither "Yes" or "No" in	perty rights ( each of the activit	during the ies (a) to (k) ai	e three yea nd of the statu	rs from 201 us (I) and (m).	19 to 2021)
2-4 To 2-3, the ratio of the persons who completed master or	doctoral	70	(a) Apply for a patent					Yes	No
course in a graduate school  2-5 To 2-3, the ratio of the persons who hold a doctoral degree	aį	oprox%	(b) Register an industrial des	ign right				0	0
(completed doctoral course or earned a doctoral degree by dissertation)		oprox. %	(c) Register a trademark (d) Excercise a copyright (Indentify	your produced wo	rks as vour energ	orise's riahts	to others)	0	0
*2) In this survey, "persons employed" refer to all working people who belong to the enterprise. They include enterprise such as another company or subcontractor. In contrast, they do not include those who do not reterprise -the persons who are loaned or dispatched from a separately managed enterprise such as another	eceive wages or salaries (including company or subcontractor- even i	salaries in kind) from the en- if they work at the enterprise.	(e) Use <b>trade secrets</b> (Ensure legal useful for business activities con	, ,	, ,			0	0
*3) In this survey "full-time employees or staff" refer to those regular employees who are generally called "full-who are called "contract employees," "part-timers", or similar.  *4) In this survey "parcons who completed beginning devertion" refer to those who held any of the following decrease:	time employees" or "full-time stal	ff". They do not include those	(f) License out its own intellectual trademark, copy right, trade sec	property rights (IPF				0	0
Doctoral Degree (completion of a doctorate course), Master's Degree (completion of a master course), Pro  (Professional), etc.) (completion of a program in a law school, a graduate school of teacher education, or a  from an university, including "professional and vocational university"), Associate Degree (graduation from a college of technology), Advanced Diploma (graduation from a post-second  training college) or Diploma (graduation from a post-secondary course with two or three years in a specific	fessional Degree ("Juris Doctor", " a professional graduate school), B	Master of Education", "Master achelor's Degree (graduation professional junior college")	(g) <b>Sell</b> (or assign) its own IPF	s to others				0	0
Associate (graduation from a college of technology), Advanced Diploma (graduation from a post-second training college) or Diploma (graduation from a post-secondary course with two or three years in a specific	ary course with more than four your professional training college).	ears in a specific professional	<ul><li>(h) Exchange its own IPRs wi</li><li>(i) Purchase or license-in IPRs from</li></ul>	-			.)	0	0
Total Turnover from Goods or Services (except VAT) * 2019	2021		(j) Purchase or license-in IPRs from (k) Purchase or license-in IPRs from			tion institut	tions	0	0
10T 1T 100B 10B 1B 100M 10M 1M 10T 1T 100B 10B 1B 100M 10M 1M M Yen			(I) Activities concerning IPRs have	been <b>obstructed</b>	by relationship	s with other	rs.	0	0
*5) Please report "ordinary revenue" if your enterprise is a financial institution. Please report "insurance premiums and other" or "net premiums written" if your en-			Existing IPRs have <b>not</b> been <b>ex</b>	ercised freely by r	elationships wi				0
terprise is an insurance company.  4 Foundation Year (the year of starting business activities) 6	Sterniams and other of free pr	ernans witten nyouren	(e.g. restriction of production or sa  6-3 Usage of digitalisation						
*6) In this survey, "foundation year" refers to this information is not available, "establish the legal personality of your enterprise a	ment year" can be used instead.	It refers to the year in which	Please tick (✓) <u>all</u> boxes □ w However, if there is nothing a	here they are appl	icable as the pu	rpose of usag		the digitalisa	ation [a] to [e].
Corporate Registration. In general, "found Please answer all the following questions for <b>your bu</b>	lation year" sometimes differs fro	om "establishment year".	Purpose of usage	Improving existing goods		usiness process automation	Data analysis and collection, or deci-		Not used
from 2019 to 2021, or your status in 2021.	and a daring ti	and years	[a] Internet of Things (IoT)	or services			sion-making suppo		
<ul><li>Market Condition</li><li>Countries or regions in which the enterprise sold products or delivered</li></ul>			[b] Cloud computing service	s 🗆					
Please tick (✓) <u>all</u> boxes ☐ where they are applicable concerning th	e countries or regions [d] [e]		[c] Big data analysis [d] Machine learning (AI)						
Japan China ASEAN, Korea, Taiwan	North EU, America EFTA,	Others	[e] 3D printing						
			6-4 Usage of robotics to Please tick ( ) one circle</th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
Number of competitors on goods or services (during the three year Please tick (✓) one circle ○ where it is applicable as the number of competitors on 0 1–4 5–9	rs from 2019 to 2021) goods or services in <u>each</u> of 10–14 15–4		Extent to which tasks ha	va boon substituted or	r reduced Exten		<b>Used</b> nt: Moderate	Extent: Low	Not used
(a) Japan	0 0		(a) Industrial robot (e.g. welding, laser	cutting, spray painting ro			iii. Woderate	LXIEIII. LOW	0
(b) Foreign countries   Factors influencing the competitive situation of goods or servi	ces (during the three yea	rs from 2019 to 2021)	(b) Service robot (e.g. surveillance, cleani  7 New or Improved Good				0	0	0
Please tick (✓) <u>one</u> circle ○ where it is applicable as the degree of impac	t in <u>each</u> of the factors (a	) to (h).	7-1 New or improved goo	ds or services*8	which have				
Influence: High	Influenced Influence: Moderate Influence:	Not Low Influenced	enterprise (hereinafte Please tick (<) <u>one</u> circle	of either "Yes" or	r "No" in <u>each</u> o	f(a) and $(b)$ .	. If the answ	er is "Yes", p	lease tick (✓)
(a) Quickly <b>outdated</b> goods or services (b) Difficult prediction of future <b>technological development</b>	0 0		a box □ regarding the on	e for responding	to COVID-19 w		es		espectively.  No
(c) Substitution of your goods or services with those of competitors	0 0	0	New or improved products which ha	ve been introduce	d on the market	•		ich <b>respond</b> V <b>ID-19</b>	
(d) Threatened market position due to the entry of new competitors  (e) Difficult prediction of competitors' actions	0 0		(a) <b>Good</b> (including digital go (b) <b>Service</b> (including digital s						0
(f) Difficult prediction of <b>change in demand</b>	0 0	0	*8) In this survey, "a new or improved good (se been introduced on the market. The new or	rvice)" refers to the one	that differs significa	ntly from your e	enterprise's previ	ous goods (servi	ices) and that has
(g) Strong competition from abroad (h) Price increases leading to loss of clients	0 0		cantly from your enterprise's previous good enterprises.	(service) even if it is the s	ame one as the good	(service) that ha	as already been i	ntroduced on th	e market by other

enterprises.

Please turn over.

1/2

Please fill in 7-2 to 7-4 if any answer in 7-1 (a) or (b) is "Yes". Please go to 8-1 if all of the answers in 7-1 (a) and (b) are "No".  7-2 Who developed new or improved goods or services (during the three years from 2019 to 2021)  Concerning the good or service for which any answer in 7-1 (a) or (b) is "Yes", please tick (✓) all boxes □					New or improved good or service which has been introduced on the new or improved business process which has been implemented w with the following environmental benefit obtained			busines Contribution	s process to environm	nnovation of innovation nental protection	None None
where they are applicable in [a] to [d].				16	within your enterprise:  (e) Reduced material or water use per unit of	outnut		Signific	ant Ir	nsignificant	
[a] Your enterprise by itself	enterprises with	es or organisations" inc in your enterprise grou	up (subsidi-		(f) Reduced energy use or CO <sub>2</sub> 'footprint'	output		0		0	0
[b] Your enterprise together with other enterprises or organisations [b]	etc.), universities	ontrol the whole enterp , public research institu	utions, and		(g) Reduced soil, noise, water, or air pollution			0		0	0
[C] Your enterprise by adapting or modifying products originally developed by other enterprises or organisations	non-profit organ terprises manag	nisations, <i>etc</i> . as well as ed separately.	is other en-		(h) Replaced a share of materials with less polluting or haza		stitutes	0		0	0
[d] Other enterprises or organisations					(i) Replaced a share of fossil energy with renewable energy		Julutes	0			0
7-3 Novelty of and turnover from new or improved goods  Concerning all the goods or services for which any answer			(✓) one		(j) Recycled waste, water, or materials for ow		r cala	0		0	
circle $\bigcirc$ of either "Yes" or "No" in each of (x) and (y), and fill in t				Ļ					D :		
<ul> <li>(x) New or improved goods or services introduced on the market by your enterprise that were not previously offered by any of your competitors (new-to-market products)</li> <li>(y) New or improved goods or services introduced on the market by your enterprise that were identi-</li> </ul>	Yes No (During the three years from 2019 to 20	Proportion in (in 2021)	n total %		<ul> <li>10 Activities for Realising the Product In tion (8-1) (Innovation Activities)</li> <li>10-1 Types of activities conducted by your enterpress innovation (8-1) (hereinafter, "innovation (8-1) (hereinafter, "innovation (9) is "Yes".</li> </ul>	se for rea	alising t	<b>he produ</b> (during th	<b>ct innov</b> a e three y	ation (7-1) ears from 2	<b>or the busin</b> 2019 to 2021)
cal or very similar to products already offered by your competitors (only new-to-firm products)			_ /		(a) Engineering, design and other creative w	ork activ	vities (e.	.g. activities	to alter	0	
(z) The other goods or services except (x) and (y) above (including unchanged or only marginally modified products, and the resale of products purchased from other enterprises)	(z)=100-[(x)+(x)+(x)]	+(y)]	%		the shape, appearance or usability of goods or services)  (b) Marketing and brand equity activities (e.g.)	narket rese	arch and la	aunch adver	tising for		
Total tu	rnover in 2021	1 0 0	%		the introduction of new or significantly improved products or  (c) IP-related activities	services on	ito your en	iterprise's m	arket)		
		V A	.1-		(d) Employee training activities					0	0
(x-1) First product or service in <b>the world</b>			No		(e) Software development and database acti					0	
					(f) Acquisition or lease of building, equipment, m					0	
(x-2) First product or service in <b>Japan</b>		0 (			(g) Research and experimental development (R&D) activities (including perfo					. 0	0
7-4 Average lifetime of the most important product (during Concerning the good or service for which any answer in 7-1 (a				۲		Yes ring the three ye	No		Expe	enditures (in 2021)	in 2021
time of your enterprise's most important product (good or se	ervice) until replace				(g-1) R&D performed in-house		2015 110111 2019	) [	100B 10B	1B 100M 10	M 1M
Please tick (✓) <u>one</u> circle ○ where it is applicable as the average								$\rightarrow$			M Ye
(a) (b) (c) (d)	(e)	(f)			(g-2) <b>R&amp;D contracted out to others</b> (including other enterprises in your enterprise group)	2	C		100B 10B	1B 100M 10	M Ye
less than 6 months 6 months or more and less than 1 year 1–3 years 4–6 years	7–9 years	10 years or	more		10-2 Innovation activities that did not lead t	the pr	oduct i	nnovati	on (7-1)	or the b	
	$\circ$	$\circ$			<b>cess innovation (8-1)</b> (during the three year Please tick (✓) <u>one</u> circle ○ of either "Yes" or "	ears fron	n 2019 t	o 2021)			
New or improved business processes*10 which have b prise (hereinafter, "business process innovation") (dure Please tick (<) one circle (<) of either "Yes" or "No" in each of (a a box () regarding the one for responding to COVID-19 where	ring the three yea ) to (g). If the answe it is applicable in (a Yes of wh	ars from 2019 to er is "Yes", please a) to (g), respecti iich <b>respond</b>	o 2021) e tick (✓)	**	<ul> <li>(a) Ongoing activities as of the end of 2021*12</li> <li>(b) Abandoned or suspended activities*13</li> <li>(c) Completed activities*14</li> <li>(12) "Ongoing activities" are innovation activities that were not completed at "13) "Abandoned or suspended activities" are innovation activities that were without such plans (abandoned activity)</li> <li>(14) "Completed activities" are innovation activities that were completed as process innovation (8-1) by the end of 2021.</li> </ul>	discontinue	d either wit	h plans to res	ume the act	tivity later (susp	,
New or improved processes which have been implemented within your enterprior.  Methods for producing goods or providing services (including method)	lc lc	VID-19		F	Please fill in 10-3 and 10-4 if any answer ir	10-1 o	r 10-2	is "Yes"	. Your	answer	to the qu
(a) for developing goods or services)				t	tionnaire will be closed if all of the answer						
(b) Logistics, delivery or distribution methods	0		0		10-3 Public financial support received by your enterpris				ring the th	ree years fro	om 2019 to 20.
(c) Methods for information processing or communication	0		0		Please tick (✓) one circle ○ of either "Yes" or "	10 III <u>ea</u>	<u>cn</u> or (a)	10 (C).		Yes	No
(d) Methods for accounting or other administrative operations	0		0		(a) Public financial support*16 from <b>local public</b>	author	ities*15			0	0
(e) Business practices for organising procedures or external relations					(b)  Public financial support from  the state (national government, national government administration of the state of the s	•		ed administrative	e agencies)*17	0	0
(f) Methods of organising work responsibility, decision making or human resource management			0		(c) <b>Tax credits</b> from the state or local public au			161 17 11	1.1.1	0	<u> </u>
(g) Marketing methods for promotion, packaging, pricing, product placement or after sales services	0		0		(15) In this survey, "local public authorities" include prefectural governments, municipal government (16) In this survey, "financial support" includes grants, subsidies, subsidised loans, and loan guarant institutes in the public sector.						
*10) In this survey, "a new or improved business process" refers to a new business process for one or renterprise's previous business processes and that has been brought into use in your enterprise. process that is <b>new to your firm</b> . It includes the one that differs significantly from your enterprise.	The new or improved busir	ness process means the	e business	**	(17) In this survey, "the state (national government, national government administrative organs, inc. trative agencies, such as the Japan Science and Technology Agency (JST), the New Energy and cations Technology (NICT), and the institutions, such as the Development Bank of Japan (DBJ) a	rporated admin Industrial Technord the Japan Fina	istrative agenci ology Develop ance Corporation	es, <i>etc.</i> )" includes ment Organizatio on (JFC).	the Cabinet Off n (NEDO), the N	ice, ministries, ager lational Institute of	ncies, incorporated adr Information and Com
business process that has already been implemented in other enterprises.				i	10-4 Public financial support received by your enterpris	for innov	ation act	tivities (du	ring the th	rree years fro	om 2019 to 20
Please fill in 8-2 if any answer in 8-1 (a) to (g) is "Yes". Plo in 8-1 (a) to (g) are "No".	ease go to 9-1 i	all of the an	iswers	Г	Please tick ( $\checkmark$ ) one circle $\bigcirc$ of either "Yes" or "	no in <u>ea</u>	<u>cn</u> of (a)	(O (C).		Yes	No
8-2 Who developed new or improved business process (c					(a) Co-operation in <b>R&amp;D activities</b> (10-1 (g))					0	
Concerning the business process for which any answer in 8-1 where they are applicable in [a] to [d].	(a) to (g) is "Yes", pla	ease tick (✓) <u>all</u> b	ooxes 🗌		(b) Co-operation in other innovation activities	(10-1 (a	a)–(f)) (e	xcluding	g R&D)	0	
[a] Your enterprise by itself		es or organisations" inc in your enterprise grou			Please fill in 10-5 if any answer in 10-4 (a) c			Your an	swert	o the qu	estionna
[b] Your enterprise together with other enterprises or organisations*11	aries, firm that co	ontrol the whole enterp	prise group		will be closed if all of the answers in 10-4 a						
[C] Your enterprise by adapting or modifying products originally developed by other enterprises or organisations	non-profit organ	, public research institutions, etc. as well as		l	10-5 Types and countries or regions of co-oper Concerning the activities for which any answer						
[d] Other enterprises or organisations	terprises manag	ed separately.			they are applicable in the types and countri- nothing applicable, please tick the box "None"	es or reg					
9 New or Improved Product or Business Process with Envir	ronmental Benef	fits			Hottiling applicable, please tick the box. Notice	Of fly.		Appli	cable		
9-1 Introduction/implementation of new or improved pro	oduct or busines	ss process wit	h envi-			lanan	China	ASEAN,	North	EU,	Others Non
ronmental benefits (during the three years from 2019 to Concerning the environmental benefits (a) to (j) related with		ation (new or im	nnroved			Japan	China	Korea, Taiwan	America	EFTA, UK	Others
good or service which has been introduced on the market)*8 c	or business process	innovation (new	w or im-		[a] Other enterprises in your enterprise group						
		olease tick (✓) ol	ne circle		Other enterprises <b>out of your enterprise group</b> [b] <b>Consultants</b> , commercial labs, or private research institutes						
proved business process which has been implemented within  where it is applicable as the contribution to environmental process.											
proved business process which has been implemented within where it is applicable as the contribution to environmental p	protection.  Relevant product inn	ovation or			[c] <b>Suppliers</b> of equipment, materials, components or software						
proved business process which has been implemented within where it is applicable as the contribution to environmental process which has been introduced on the market or new or improved business process which has been implemented within your enterprise	Protection.  Relevant product inn business process ini	ovation or novation	one	[	[c] Suppliers of equipment, materials, components or software [d] Clients or customers that are private enterprises						
proved business process which has been implemented within where it is applicable as the contribution to environmental process. New or improved good or service which has been introduced on the market or new or improved business process which has been implemented within your enterprise with the following environmental benefit obtained	Relevant product inn business process inn Contribution to environmen	ovation or novation tal protection	one	[	<ul> <li>Suppliers of equipment, materials, components or software</li> <li>Clients or customers that are private enterprises</li> <li>Competitors</li> </ul>						
proved business process which has been implemented within where it is applicable as the contribution to environmental process. When we improved good or service which has been introduced on the market or new or improved business process which has been implemented within your enterprise with the following environmental benefit obtained during the consumption or use by the end user:	Relevant product inn business process inn Contribution to environmen	ovation or novation tal protection No			<ul> <li>Suppliers of equipment, materials, components or software</li> <li>Clients or customers that are private enterprises</li> <li>Competitors</li> <li>Other private enterprises</li> </ul>						
proved business process which has been implemented within where it is applicable as the contribution to environmental process. New or improved good or service which has been introduced on the market or new or improved business process which has been implemented within your enterprise with the following environmental benefit obtained	Relevant product inn business process in Contribution to environmen Significant Insi	ovation or novation had protection how			<ul> <li>Suppliers of equipment, materials, components or software</li> <li>Clients or customers that are private enterprises</li> <li>Competitors</li> <li>Other private enterprises</li> <li>Universities or other higher education institutions         <ul> <li>Government or public research institutes (e.g. national</li> </ul> </li> </ul>						
proved business process which has been implemented within where it is applicable as the contribution to environmental pure where it is applicable as the contribution to environmental pure with the or improved good or service which has been introduced on the market or new or improved business process which has been implemented within your enterprise with the following environmental benefit obtained during the consumption or use by the end user:  (a) Reduced energy use or CO <sub>2</sub> 'footprint'	Relevant product inn business process interpretation. Contribution to environmen Significant Insignificant	ovation or novation tal protection gnificant	0		<ul> <li>[c] Suppliers of equipment, materials, components or software</li> <li>[d] Clients or customers that are private enterprises</li> <li>[e] Competitors</li> <li>[f] Other private enterprises</li> <li>[g] Universities or other higher education institutions         Government or public research institutes (e.g. national         [h] research and development agencies, and public experiment and research</li> </ul>						
proved business process which has been implemented within where it is applicable as the contribution to environmental process. Where it is applicable as the contribution to environmental process or improved good or service which has been introduced on the market or new or improved business process which has been implemented within your enterprise with the following environmental benefit obtained during the consumption or use by the end user:  (a) Reduced energy use or CO <sub>2</sub> 'footprint'  (b) Reduced soil, noise, water, or air pollution	Relevant product inn business process inn Contribution to environmen Significant Inside	ovation or novation No tal protection gnificant		]	<ul> <li>Suppliers of equipment, materials, components or software</li> <li>Clients or customers that are private enterprises</li> <li>Competitors</li> <li>Other private enterprises</li> <li>Universities or other higher education institutions         <ul> <li>Government or public research institutes (e.g. national</li> </ul> </li> </ul>						