

Science, Innovation and Electronic Information Division

Federal Science Expenditures and Personnel 1999/2000

Intellectual Property Management 1998/99 Fiscal Year *Si vous préférez ce questionnaire en français, veuillez nous appeler au (613) 951-2199*

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Information for respondents

Survey Objective

This survey collects data that are essential to assure the availability of pertinent statistical information to monitor science and technology related activities in Canada and to support the development of science and technology policy. The data collected will be used by federal and provincial science policy analysts.

Confidentiality

Statistics Canada is prohibited from publishing any statistics that would divulge information relating to any identifiable organization without the previous written consent of that organization.

To reduce response burden and to ensure more uniform

Data Sharing Agreement

Authority This survey is conducted under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.	statistics, Statistics Canada has entered into an agreement under Section 12 of the Statistics Act with Industry Canada for sharing information from this survey. Under Section 12 of the Statistics Act you may refuse to share your information with industry Canada by writing to the Chief Statistician and returning your letter of objection along with the completed questionnaire in the enclosed envelope.
I hereby authorize Statistics Canada to publish any or all portions	of the data supplied on this questionnaire by this department.
Name	Signature
Official position	Program
Department or agency	

Enquiries to be directed to:						
Name	Date	Telephone number				
Position title	E-mail address	Fax number				

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1. General Information

1.1 This survey covers intellectual property arising from R&D activities in Federal Science-Based Departments and Agencies. Please list the names of the research and development establishments included in your figures. Please see the handbook for definitions of S&T and R&D.

A list of federal research facilities is provided in the handbook for reference.

Also, indicate whether or not they are engaged in intellectual property management (identification, protection, promotion or commercialization) by selecting YES or NO in the second column.

Name of establishment			al property gement
		Yes	No
		1	2
		$\frac{1}{2}$	2
			2
	(\bigcirc)	1 🔵	2
		1 🔵	2
		1 🔵	2
		1 🔵	2
is conducted by: 1 The individual R&D ex 2 A corporate-level offic 3 An external organizat 4 A combination of the	ion (please specify):		
of the number of person-yea include costs of patent filing	rs. "Expenditures on patent applications" include patent searce g, examination, prosecution and litigation. Patent-related expension enforcement should be included under "other operational cost	ches. "Le penditures	gal costs s such a
	Operational expenditures for IP manager	ment	
	Employees		

			Operational e	expenditures for	· IP manageme	nt
Level	Employees dedicated to IP management	Salaries (corres- ponding to FTEs)	Expenditures on patent applications	Legal costs	Other operational expenditures	Total operational expenditures for IP management
	(FTEs)			(\$ thousands	5)	
Corporate						
All S&T establishments						
Other (please specify)						

appropriate Minister or designate. Are these reports normall central office?		oorts are manag	
	<u>the</u> <u>establishment</u>	the corporation	not
Inventions	1 🔵	2 🔾	3
Computer software or databases	1 🔵	2	3
Literary, artistic, dramatic or musical works, books, papers	1 🔵	2	3
Educational materials	1 🔵	2	3
Industrial designs	1	\sim) 3 (
Trademarks	10	()>°)	3
Integrated circuit topographies	1	2	3
New plant varieties		2	3
Know-how		2	3
Other (please specify)			
Are there any instances in which awards are made to employ Treasury Board policy on awards to inventors and innovators?			
Are there any instances in which awards are made to employ Treasury Board policy on awards to inventors and innovators?	normally awarded to the ralties. (Net royalties a % of royalties	ation in acco e inventor or re gross roy <u>% of net</u>	ordance with innovator? alties minus
Are there any instances in which awards are made to emplor Treasury Board policy on awards to inventors and innovators? ¹ Yes ² No What percentage (range) of the royalties from licensing IP is r Please specify whether this percentage is of gross or net roy	normally awarded to the alties. (Net royalties a <u>% of royalties</u> <u>awarded the</u> inventor/innovator	ation in acco e inventor or re gross roy <u>% of net</u> <u>royalties</u>	ordance with innovator? ralties minus <u>% of gross</u> royalties
Are there any instances in which awards are made to emplor Treasury Board policy on awards to inventors and innovators? ¹ Yes ² No What percentage (range) of the royalties from licensing IP is r Please specify whether this percentage is of gross or net roy	normally awarded to the ralties. (Net royalties a <u>% of royalties</u> awarded the	ation in acco e inventor or re gross roy <u>% of net</u> royalties 1	ordance with innovator? ralties minus <u>% of gross</u> royalties 2
Are there any instances in which awards are made to empl Treasury Board policy on awards to inventors and innovators? ¹ Yes ² No What percentage (range) of the royalties from licensing IP is r Please specify whether this percentage is of gross or net roy the cost of patenting and licensing the IP.) Inventions Computer software and databases	normally awarded to the alties. (Net royalties a <u>% of royalties</u> <u>awarded the</u> inventor/innovator	ation in acco e inventor or re gross roy <u>% of net</u> <u>royalties</u>	ordance with innovator? ralties minus <u>% of gross</u> royalties
Are there any instances in which awards are made to emplor Treasury Board policy on awards to inventors and innovators? ¹ Yes ² No What percentage (range) of the royalties from licensing IP is no Please specify whether this percentage is of gross or net roy the cost of patenting and licensing the IP.) Inventions	normally awarded to the ralties. (Net royalties a <u>% of royalties</u> <u>awarded the</u> inventor/innovator %	ation in acco e inventor or re gross roy <u>% of net</u> royalties 1	ordance with innovator? ralties minus <u>% of gross</u> royalties 2
Are there any instances in which awards are made to empl Treasury Board policy on awards to inventors and innovators? ¹ Yes ² No What percentage (range) of the royalties from licensing IP is r Please specify whether this percentage is of gross or net roy the cost of patenting and licensing the IP.) Inventions Computer software and databases	normally awarded to the valties. (Net royalties a <u>% of royalties</u> <u>awarded the</u> <u>inventor/innovator</u> %	ation in acco e inventor or re gross roy <u>% of net</u> royalties 1 1	prdance with innovator? ralties minus <u>% of gross</u> royalties 2 2
Are there any instances in which awards are made to emplor Treasury Board policy on awards to inventors and innovators? ¹ Yes ² No What percentage (range) of the royalties from licensing IP is r Please specify whether this percentage is of gross or net roy the cost of patenting and licensing the IP.) Inventions Computer software and databases Literary, artistic, dramatic or musical works, books, papers	normally awarded to the ralties. (Net royalties a <u>% of royalties</u> <u>awarded the</u> <u>inventor/innovator</u> % %	ation in acco e inventor or re gross roy <u>% of net</u> royalties 1 1 1	prdance with innovator? ralties minus <u>% of gross</u> royalties 2 2 2 2
Are there any instances in which awards are made to emplor Treasury Board policy on awards to inventors and innovators? ¹ Yes ² No What percentage (range) of the royalties from licensing IP is no Please specify whether this percentage is of gross or net roy the cost of patenting and licensing the IP.) Inventions Computer software and databases Literary, artistic, dramatic or musical works, books, papers Educational materials	normally awarded to the ralties. (Net royalties a <u>% of royalties</u> <u>awarded the</u> <u>inventor/innovator</u> % %	ation in acco	prdance with innovator? valties minus <u>% of gross</u> <u>royalties</u> 2 2 2 2 2
Are there any instances in which awards are made to employ Treasury Board policy on awards to inventors and innovators? ¹ Yes ² No What percentage (range) of the royalties from licensing IP is no Please specify whether this percentage is of gross or net roy the cost of patenting and licensing the IP.) Inventions Computer software and databases Literary, artistic, oramatic or musical works, books, papers Educational materials Industrial designs	normally awarded to the valties. (Net royalties <u>awarded the</u> <u>inventor/innovator</u> % % %	ation in acco	prdance with innovator? alties minus 2 2 2 2 2 2 2 2 2
Are there any instances in which awards are made to emper Treasury Board policy on awards to inventors and innovators? 1 Yes 2 No What percentage (range) of the royalties from licensing IP is re Please specify whether this percentage is of gross or net roy the cost of patenting and licensing the IP.) Inventions Computer software and databases Literary, artistic, dramatic or musical works, books, papers Educational materials Industrial designs Trademarks	normally awarded to the ralties. (Net royalties a <u>% of royalties</u> <u>awarded the</u> <u>inventor/innovator</u> % % % % %	ation in acco	prdance with innovator? ralties minus 2 2 2 2 2 2 2 2 2 2 2 2

	riers to intellectual property management ase indicate your agreement with the following statements on the barriers and cha	llenges	to IP n	nanade	ement	
1 10		<u>Strong</u> disagr	ly	lanage		trongly agree
1. 1.1	Policy Federal laws and regulations restrict the abilities of departments to fully exploit their IP	1	2	3	4	5
1.2	Federal laws and regulations deter companies from commercializing IP developed by government	1	2	3	4	5
1.3	The poor understanding of IP and technology transfer policies leads to perceived barriers	1	2	3	4	5
1.4	There is a lack of compliance with reporting regulations (e.g., information about inventions is published before protected)	1	20	3	4	5
1.5	There is a poor linkage to commercial lending organizations and venture capitalists	\mathcal{A}	$\sqrt{2}$	$)_{3\bigcirc}$	4	5
1.6	There is a lack of flexibility for inventors and innovators to commercialize		2	3	4	5
2. 2.1	IP Management Resources There is a lack of resources (monetary/personnel) to identify and manage IP	1	2	3	4	5
2.2	There is a lack of experience in identifying technologies that have a high potential for success	1	2	3	4	5
2.3	Staff involved in technology transfer require further training in P identification, patent law, IP regulations	1	2	3	4	5
2.4	Technologies that have a potential for success are not identified sufficiently early	1	2	3	4	5
3. 3.1	Revenue Retention Commercialization is impeded because departments are not able to take an equity position in a company	1	2	3	4	5
3.2	Deferring payment of royalities until the technology is commercialized creates a perception that the IP has not been successful	1	2	3	4	5
3.3	Inventors and innovators are not adequately rewarded for their participation in the development and transfer of technology	1	2	3	4	5
4. 4.1	Receptors' Capabilities Few Canadian SMES have both the resources and the skills necessary to commercialize	1	2	3	1	5
4.2	technologies originating in federal labs Canadian companies believe they should obtain royalty-free licenses because they pay	1	2	3	4	5 5
4.3	taxes There are insufficient mechanisms to help start-up companies in commercializing leading-edge technologies	1	2	3	4	5
4.4	There is no means for early contact with potential users	1	2	3	4	5

1.5 R&D contracts and collaborative arrangements

R&D contracts often result in intellectual property being created in the form of inventions, computer software, databases, published papers, etc. This section requests information on the role of R&D contracts in your organization.

For the purpose of this survey,

- the term "contracts undertaken" refers to arrangements in which your **organization is paid** by an outside organization to conduct R&D activities.
- the term "contracts let" refers to arrangements in which your organization pays an external contractor to conduct R&D activities.
- "collaborative arrangements" are formal joint R&D activities not covered by "contracts undertaken" or "contracts let".
- a. What are your organization's policies concerning intellectual property resulting from R&D contracts undertaken? That is, who owns the rights to the intellectual property and who has the first rights to license it?

b. What are your organization's policies concerning intellectual property arising from collaborative arrangements?

c. Who were the sponsors of the R&D contracts undertaken during the reference year?

	-	•
R&D contracts undertaken with:	Number of research contracts	Value of research contracts (\$ thousands)
Federal government		\$
Provincial and other levels of government		\$
Canadian businesses		\$
Other Canadian organizations		\$
Foreign governments		\$
Foreign businesses		\$
Other foreign organizations		\$
Multi-stakeholder groups (e.g., consortia)		\$
Other (please specify)		\$

d.	To whom did you let R&D contracts during the reference year? <i>Please account for</i>	Number	of contracts	Value of contr	acts
	contributions to other R&D programs separately. R&D contracted out to:	Number	% of number of contracts with IP retained by department	Value (\$ thousands)	% of value of contracts with IP retained by department
	Federal government		%	\$	o
	Provincial and other levels of government		%	\$	Q
	Canadian businesses		%	\$	
	Other canadian organizations		%	\$	
	Foreign governments		%	\$	
	Foreign businesses		%	\$	
	Other foreign organizations		%	\$	c
	Universities		%	\$	c
	Colleges		%	S I I I I I I I I I I I I I I I I I I I	c
	Multi-stakeholder groups (e.g., consortia)		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\$	
					
e.	Other (please specify) With whom did you conduct collaborative research the group, your approximate commitment of resou federal government, 25% university, 25% private in	rces and the	erence year approximate	\$? If possible, indicate make-up of the group	the name of (e.g., 50%
e.	With whom did you conduct collaborative research the group, your approximate commitment of resou	rces and the	Perence years	P If possible, indicate	the name of
	With whom did you conduct collaborative research the group, your approximate commitment of resou federal government, 25% university, 25% private in	rces and the dustry).	approximate	P If possible, indicate make-up of the group	the name of o (e.g., 50%
	With whom did you conduct collaborative research the group, your approximate commitment of resou	rces and the dustry).	approximate	P If possible, indicate make-up of the group	the name of o (e.g., 50%
	With whom did you conduct collaborative research the group, your approximate commitment of resou federal government, 25% university, 25% private in	rces and the dustry).	at generate in	P If possible, indicate make-up of the group	the name of o (e.g., 50%
	With whom did you conduct collaborative research the group, your approximate commitment of resou federal government, 25% university, 25% private in Please indicate your contributions to other R&D Matching Investment Initiative, etc:)	rces and the dustry).	at generate in	P If possible, indicate make-up of the group tellectual property (I	the name of o (e.g., 50%
	With whom did you conduct collaborative research the group, your approximate commitment of resou federal government, 25% university, 25% private in Please indicate your contributions to other R&D Matching Investment Initiative, etc:)	rces and the dustry).	at generate in	P If possible, indicate make-up of the group tellectual property (I	the name of (e.g., 50%
	With whom did you conduct collaborative research the group, your approximate commitment of resou federal government, 25% university, 25% private in Please indicate your contributions to other R&D Matching Investment Initiative, etc:)	rces and the dustry).	at generate in	P If possible, indicate make-up of the group tellectual property (I	the name of (e.g., 50%
	With whom did you conduct collaborative research the group, your approximate commitment of resou federal government, 25% university, 25% private in Please indicate your contributions to other R&D Matching Investment Initiative, etc:)	rces and the dustry).	at generate in	P If possible, indicate make-up of the group tellectual property (I	the name of o (e.g., 50%

2. Identifying Intellectual Property

2.1 Indicate the number of new reports or disclosures, during the reference year, of intellectual property arising from in-house activities, contracts let and collaborative activities.

	Number of new r	eports of intellectual prop	perty arising from
Type of intellectual property reported	In-house activities	Contracts	Collaborative activities
Inventions			
Computer software or databases			
Literary, artistic, dramatic or musical works, books, papers			
Educational materials			Λ
Industrial designs			
Trademarks			\mathcal{Q}
Integrated circuit topographies			
New plant varieties		\bigcirc	
Know-how		$\sum \overline{}$	
Other (please specify):		>	

3. Protecting Intellectual Property

3.1 Has the organization engaged in any of the following forms of intellectual property protection over the past 5 years?

Indicate YES in the column provided, whether or not the action was completed. These are more fully defined in the handbook.

	<u>Yes</u>	<u>No</u>	
Filing of patent applications	1	2	
Prior art searches	1	2	
Prosecutions	1	2	
Patent cooperation treaties	1	2	
Registration of copyright for computer software or databases	1 🔵	2	
Registration of copyright for literary, artistic, dramatic or musical works, books, papers	1	2	
Registration of copyright for educational materials	1	2	
Registration of industrial designs	1	2	
Filing for protection of trademarks	1	2	
Registration of integrated circuit topographies	1	2	
Filing of applications for plant breeder's rights	1	2	
Materials transfer agreements	1	2	
Signing of non-disclosure or confidentiality agreements	1 🔵	2	
Other <i>(please specify)</i> :	1	2	
L			

							nat resulted in ion activity
Inventions							
Computer software and databases							
Literary, artistic, dramatic or musical works,	books, paper	s					
Educational materials							
Industrial designs						~	
Trademarks					$\langle \langle$	\square	
Integrated circuit topographies						$\mathcal{Y}\mathcal{Y}$	
New plant varieties				(\sum		
Know-how					\bigcirc		
Other <i>(please specify)</i>				$\langle \rangle$			
			$\Diamond (C$				
3 Patent applications and patents is			for and i	ssued to t	he organiza	ation Interr	national (f
3 Patent applications and patents is During the reference year, how many example, Patent Cooperation Treaty applications) should be counted as sing	patents we application	s, (PCT)	for and is and regic	ssued to t nal applic	he organiza ations (Eu	ation. Interr ropean Pa	national (fe itent Offic
During the reference year, how many example, Patent Cooperation Treaty	patents we application le application	s, (PCT)	and regic	ssued to t nal applic	ations (Eu	ation. Interr ropean Pa issued in:	national (fe tent Offic
During the reference year, how many example, Patent Cooperation Treaty	patents we application le application	s, PCT) ons.	and regic	ssued to t nal applic Canada	ations (Eu	ropean Pa	national (finitent Offic
During the reference year, how many example, Patent Cooperation Treaty applications) should be counted as sing	patents we application le application	s, (PCT) ions, patent applic	and regic	nal applic	Patents	issued in:	itent Offic
During the reference year, how many example, Patent Cooperation Treaty applications) should be counted as sing 1. Commerce, Management and Business Administration 2. Agriculture and Biological	patents we application le application	s, (PCT) ions, patent applic	and regic	nal applic	Patents	issued in:	itent Offic
During the reference year, how many example, Patent Cooperation Treaty applications) should be counted as sing 1. Commerce, Management and Business Administration 2. Agriculture and Biologieal Sciences/Technologies	patents we application le application	s, (PCT) ions, patent applic	and regic	nal applic	Patents	issued in:	itent Offic
During the reference year, how many example, Patent Cooperation Treaty applications) should be counted as sing 1. Commerce, Management and Business Administration 2. Agriculture and Biological Sciences/Technologies 3. Engineering and Applied Sciences 4. Health Professions, Sciences	patents we application le application	s, (PCT) ions, patent applic	and regic	nal applic	Patents	issued in:	itent Offic
During the reference year, how many example, Patent Cooperation Treaty applications) should be counted as sing 1. Commerce, Management and Business Administration 2. Agriculture and Biological Sciences/Technologies 3. Engineering and Applied Sciences 4. Health Professions, Sciences and Technologies	patents we application le application	s, (PCT) ions, patent applic	and regic	nal applic	Patents	issued in:	Itent Offic
During the reference year, how many example, Patent Cooperation Treaty applications) should be counted as sing 1. Commerce, Management and Business Administration 2. Agriculture and Biological Sciences/Technologies 3. Engineering and Applied Sciences 4. Health Protessions, Sciences and Technologies 5. Mathematics and Physical Sciences	patents we application le application	s, (PCT) ions, patent applic	and regic	nal applic	Patents	issued in:	itent Offic
During the reference year, how many example, Patent Cooperation Treaty applications) should be counted as sing 1. Commerce, Management and Business Administration 2. Agriculture and Biological Sciences/Technologies 3. Engineering and Applied Sciences 4. Health Protessions, Sciences and Technologies 5. Mathematics and Physical Sciences 6. All other not elsewhere classified	patents we application le application	s, (PCT) ions, patent applic	and regic	nal applic	Patents	ropean Pa	Itent Offic

4.1 Licenses

Please report the number of new licenses executed during the reference year and the number of active licenses at the end of the year. If detailed figures are not available, please report totals in the appropriate cells. See the handbook for detailed definitions of "Canadian" and "foreign". If in doubt, please provide the name of the licensee and Statistics Canada will assign the appropriate classification.

а	. Nev wer	v licenses executed with Canadian licensees that e:	Exclusive or sole license	Non-exclusive or multiple license	TOTAL
	i)	sponsors of research contracts, contractors or participants in collaborative activities			
	ii)	not involved in generating the technology licensed			
	iii)	Total new licenses with Canadian licensees (a.i + a.ii)			
b	o. i)	New licenses with foreign licensees			
	ii)	Total new licenses (a.iii + b.i)			\checkmark
С	i)	ive licenses with Canadian licensees that were: sponsors of research contracts, contractors or participants in collaborative activities			
	ii)	not involved in generating the technology licensed		\triangleright	
	iii)	Total active licenses with Canadian licensees (c.i + c.ii)	$[\diamond,(\bigcirc)^{\vee}$		
d	L 1)	• • • • • • • •			
u	l. j) 	Active licenses with foreign licensees			
	ii)	Total active licenses (c.iii + d.i)	10r		
to T	otal of echn	were the sources of the technologies upon which the f d.ii above.			Total active licenses
E	xterna	al activities (contracts let)			
C	Collabo	prative activities			
Ν	lultiple	e sources			
C	Other (please specify)			
Т	otal	()			
D	Juring	Ities received the reference year, what was the total amount of rees, running royalties, software and database end-us			
		royalties received during the reference year P arising from:	Canadian licensees (\$ thousands)	Foreign licensees (\$ thousands)	TOTAL (\$ thousands)
fı	rom I			-	
fı Ir	r om I n-hous	P arising from:	(\$ thousands)	(\$ thousands)	(\$ thousands)
fı Ir E	rom I n-hous Externa	P arising from: se activities	(\$ thousands) \$	(\$ thousands)	(\$ thousands)
fi Ir E C	rom I n-hous Externa Collabo	P arising from: se activities al activities (contracts let)	(\$ thousands) \$ \$	(\$ thousands) \$ \$	(\$ thousands) \$ \$

\$

\$

Total

\$

5. Impacts of Intellectual Property Transfer

5.1 New companies are often formed to commercialize technologies that are owned by public sector organizations. Spin-offs can result from several institutional arrangements:

Licensing: A new company is formed to license and commercialize the organization's technology (these are sometimes called start-ups)

R&D – A new company funds research at the organization to develop technologies that it plans to license.

Service – a new company is formed to provide a service that was originally offered through the organization. This also includes employee take-overs, or companies that are started by former employees on an arrangement to commercialize the technology.

List the legal names of spin-off companies incorporated within the past 10 years, their year of incorporation, the company status, technology sector (refer to the technology sector classification provided for Question 3.3) and the institutional link (licensing, R&D or other).

Use additional sheets of paper, if necessary.

			$\langle \frown \lor \lor \lor$	
Legal name	Year Incorporated	Company Status (conceptual stage, early stage, active, merged, inactive, closed)	(refer to Question 3.3)	Institutional link (licensing, R & D, service)
	\diamond	$(\bigcirc)^{\checkmark}$		
	(70)			
	$\bigcirc \bigcirc$			
$(\zeta_{2}(\bigcirc)^{\vee})$				
		•		•

5.2 Besides licensing technologies and creating new companies, what other benefits have arisen from intellectual property developed by or for your organization? This could include: royalty-free licenses, permission to use IP without licensing, non-commercial applications such as regulatory or stewardship purposes or "know how". If possible, estimate the market value of the benefit.

	Estimated value to		
Contribution	Canadian beneficiaries	US and other foreign beneficiaries	
	(\$ thousands)	(\$ thousands)	

6. Additional questions

Your responses to the following questions will help us understand intellectual property management in your organization. Responses will be used to refine future versions of this survey. *If you completed this question previously and there have been no changes, it is not necessary to complete section 6.*

6.1 Approaches to intellectual property management

a.	How are intellectual property manageme	nt activities most often initiated for new	w intellectual property? Check one				
	The discoverer (researcher) reports the disco consideration for protection and/or commercia	very to the organization and requests alization.	1				
	The organization monitors the activities of the discoveries should be considered for protection	2					
	Other <i>(please specify)</i>		- ³				
b.	What are the main approaches to developing and commercializing the organization's intellectual property? For example, patenting and licensing could be managed by the technical transfer office or alternatively by a commercialization company. <i>Provide the response on a separate sheet of paper, if necessary.</i>						
U.	Please describe a typical case of intelled include who took what action and at what	t time. Provide your response on a se	parate sheet of paper, if necessary.				
	as your organization published a report or		activities?				
	YES, please list the titles and/or Internet a possible, please include a hard copy with						
_	Title and/or Internet address	Organization covered	Year referenced				

7. Respondent Feed	back								
	inimizing the burden placed on our stions to help us fine-tune the survey		aining quality statistics. Please						
a. <u>How much effort was r</u>	required to complete the survey?		person-hours						
b. In your opinion, which	was the most difficult question to ans	wer?	question number						
 c. Did you find the questi compatible with your c 	ons and classifications used in the su	irvey							
¹⊖ Yes									
² No → If not, p compat									
		$\langle O \rangle$							
7.2 Other comments									
)								
	Thank you for your	cooperation !							