VOORBURG GROUP CONFERENCE OSLO, NORWAY SEPTEMBER 27 TO OCTOBER 2, 1993

> DANIEL APRIL STATISTICS CANADA AUGUST 1993

IMPLEMENTATION OF THE CPC FOR MANAGEMENT CONSULTING SERVICES

INTRODUCTION

- 1. This paper proposes amendments to CPC 865 Management consulting services and CPC 866 Services related to management consulting, the primary outputs of ISIC 7414 Business and management consultancy activities. These recommendations are based on the findings of two projects in which Statistics Canada has been involved.
- 2. The first project consists of two pilot surveys' of the Canadian management consulting industry (SIC 7771). The Canadian industry is more narrowly defined than ISIC 7414 but these pilot surveys have nevertheless provided an opportunity to test the relevance and applicability of CPC 865 Management consulting services.
- 3. The second project is a joint effort by Statistics Canada, the US Bureau of Census and Eurostat which consists of concording the CSIC, USSIC, ISIC and NACE. This project has resulted in a more precise definition of the boundaries of ISIC 7414, and implicitly, in the identification of additional services provided by the organizations classified to that industry.
- 4. The findings of the pilot tests are discussed first, followed by a discussion of those of the joint concordance project. Some recommendations for changes to the CPC follow.

1989 PILOT TEST - BACKGROUND

- 5. The current management consulting CPCs were proposed by Canada in the early stage of the development of the classification. The proposal was largely based on a literature review, although some consultation with industry representatives had been conducted at that time. The classification emphasizes the different types of expertise (types of issues dealt with in assignments) provided by management consulting firms.
- 6. Further consultations were conducted with industry and policy department representatives prior to the first pilot survey. There was general agreement with the proposed classification approach. It is worth noting, however, that the industry was more interested in information related to international trade and to the industry's client base and occupational mix than in information related to the industry's services.

¹ One for reference year 1989, the other for reference year 1991.

- 7. The first pilot survey had two basic objectives: addressing the industry concerns mentioned above and testing the applicability and relevance of the product classification (see annex 1). This report concentrates on the latter issue.
- 8. The management consulting CPCs were left unchanged; a few product categories which were thought to be important secondary products of the industry were also included in the survey. The product categories used for the first pilot test and their relationship to the CPC are shown below.

PILOT SURVEY CATEGORIES	CURRENT CPC CATEGORIES
1. PRIMARY PRO	DUCT CATEGORIES
General Management Consulting	86501 - General management consulting services
Financial Management Consulting	86502 - Financial management consulting services
Marketing Management Consulting	86503 - Marketing management consulting services
Human Resources Management Consulting	86504 - Human resources management consulting services
Production/Operations Management Consulting	86505 - Production management consulting services
Public Relations	86506 - Public relations
Research & Strategy Planning	part of 86509 - Other management consulting services, n.e.c.
2. SECONDARY PRO	DDUCT CATEGORIES
Information Management & EDP Consulting	part of 842 - Software implementation service
Systems Analysis and Programming	part of 842 - Software implementation service
Executive Search Services	87201 - Executive search services
Other	

FORM OF ORGANIZATION, STATISTICAL UNITS AND POPULATION

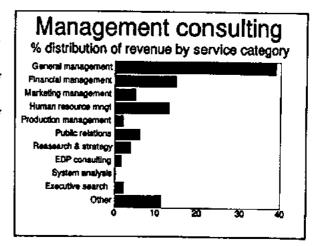
9. The pilot survey essentially targeted single legal entity organizations primarily engaged in the provision of management consulting services. This is, by far, the

dominant form of organization in the Canadian industry². Most of these organizations operate only one establishment; no attempt was made to survey each establishment of multi-establishment firms. However, a section of the questionnaire (section 9. Provincial distribution) was designed to gather key information from and about multi-establishments firms.

- 10. Canadian industry 7771 Management Consulting, roughly equivalent to ISIC 7414 Business and Management Consultancy Activities³, was the target of the survey. It includes approximately 17 000 firms, the vast majority being firms with less than 4 employees. Management companies constitute an important portion of that universe.
- 11. Although the first pilot survey did not produce data of publishable quality⁴, it did provide useful information to improve the design of the 1991 survey. It also has provided an initial indication of the applicability and relevance of the current CPC services classification for management consulting.

RESULTS OF THE 1989 PILOT TEST

- 12. The sample contained 120 management consulting firms with gross business income of approximately 245 million \$; 77% of these respondents were single establishments firms. The responses of these 120 firms form the basis of the first part of this report.
- 13. Three basic observations have emerged from the first pilot test:
- a) A very high proportion of revenues has



² The consulting partnerships of large accounting firms are also important suppliers of management consulting services. However, the activities of these partnerships are more often than not integrated with those of the accounting services partnerships and therefore are not conducted in separate establishments.

³ The test did not include agronomists, agricultural economists or management and holding companies because contrary to ISIC 7414, the Canadian industry does not include them.

⁴ This industry had never been surveyed in Canada and difficulties have been experienced in properly identifying the target population.

been reported under the general management consulting category. This can probably be explained by the fact that respondents were not explicitly asked to classify each of their assignments separately. It is believed that many of those providing advice in more than one field of expertise have reported all their revenues under the general management category.

- b) Most respondents (80%) have reported all their revenues in one category. Here again, it is believed that the absence of explicit instructions to classify each assignment separately may have had an impact on responses, although there may also exist significant specialisation within the industry.
- c) The secondary products of the industry, in particular systems analysis and EDP consulting, accounted for a small share of the respondents total revenues. The residual category, however, accounted for more than 10% of the respondents revenues (the fourth largest category).

The analysis of the results of the 1989 pilot survey and further consultation with the industry has resulted in a redesign of the 1991 survey. The major changes are reviewed below.

THE 1991 SURVEY

- 14. The major changes to the product classification were:
- a) The retitling of the general management consulting category to Strategic management and organizational consulting⁵.
- b) The introduction of two secondary product categories, Industrial marketing research studies and Economic and social research.
- c) The merging of the systems analysis and EDP consulting categories into one category, Computer services and information systems management consulting.
- d) The addition of a category for management services.

The resulting classification and its relationship to the current CPC are shown below.

⁵ This is consistent with a suggestion made by Finland in an earlier meeting.

1991 PILOT SURVEY CATEGORIES	CURRENT CPC CATEGORIES
1. PRIMARY PRO	DUCT CATEGORIES
Strategic Management and Planning, Organizational Structure and Review Consulting	85504 0
Financial Management and Planning Consulting	
Marketing Management and Planning Consulting	86503 - Marketing Management Consulting Services
Human Resource Management and Planning Consulting	86504 - Human Resources Management Consulting Services
Operations Management Consulting	86505 - Production Management Consulting Services
Revenue from Public Relations	86506 - Public Relations
Other Management Consulting (please specify)	86509 - Other management consulting services, n.e.c.
2. SECONDARY PRO	DUCT CATEGORIES
Industrial Marketing Research Studies	part of 86401 - Market research services
Economic and Social Research	part of 8520 - R&D in social science and humanities
Computer Services and Information Systems Management	part of 842 - Software implementation service part of 841 - Consultancy services related to the installation of software
Executive Search Services	87201 - Executive Search Services
Revenue from Management Services	part of 8660 - Services related to management consulting
Other Revenue (please specify)	

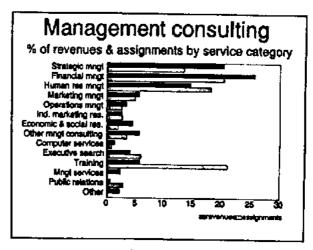
- 15. A nature of business section (Section 4, 1991 questionnaire) has been designed to improve the identification of sampled firms which do not belong to CSIC 7771.
- 16. The Revenue by Type of Service section has been redesigned. Rather than simply providing a list of services for which revenues are collected, the 1991 survey also asked for the number of assignments by type of service. This approach encourages firms to classify, and report for, individual assignments (Section 5, 1991 questionnaire). This strategy is a means to emphasize that each assignment constitutes a service or transaction. It was hoped that this approach would decrease the number of instances

where respondents lump their total revenues in a single category.

- 17. A number of questions have been added at the industry's request.
- a) number of foreign assignments (Section 8, 1991 questionnaire).
- b) Training and Education expenses (Section 6c, 1991 questionnaire).
- c) Numbers of accredited and non-accredited management consultants (Section 7c, 1991 questionnaire).

RESULTS OF THE 1991 SURVEY

- 18. The second test has provided 75 responses covering 13,000 assignments which have generated in excess of \$138 million in revenues. As in the first test, a majority (76%) of respondents were single establishment firms.
- 19. The redesign of the survey has had a significant impact on the results. In particular, the percentage of firms reporting revenues to more than one category has increased from 20% to 56%.
- 20. More than half of the revenues were generated by assignments dealing with strategic, organizational, financial and human resource issues. In an international classification, it may be sufficient to isolate 4 management consulting categories, these 3 and a residual category.
- 21. The residual categories (Other management consulting and Other revenues) were relatively small in terms of revenues, suggesting the classification adequately covered the range of services provided by these firms. They have been used, however, by 20% of the respondents.





- 22. The residuals categories were quite heterogeneous. They included services such as telecommunication consulting, health care consulting, government lobbying services, railway consulting, grant application consulting services, immigration consulting, and nternational trade consulting. The test results suggest these services are individually relatively small in terms of revenues; however, the small size of the sample precludes any definitive conclusion.
- 23. It is worth noting that secondary production accounted for approximately 21% of the respondents revenues. Some of the secondary products actually generated a larger proportion of revenues than some of the primary products. This shows that much remains to be learned about service industries and their output mix.

THE JOINT CONCORDANCE PROJECT

- 24. As mentioned in the introduction, Eurostat, Statistics Canada and the US Bureau of Census are currently developing a concordance between the Canadian SIC, the USSIC, ISIC and NACE. The methodology adopted, which consists of coding approximately 34 000 activity descriptions to the four classification systems, has proven very useful in drawing the boundaries of ISIC categories which can otherwise be open to interpretation.
- 25. Given that the services part of the CPC is based on an industry of origin principle, this project can provide useful information its development.
- 26. The interpretation of ISIC 7414 poses a particular difficulty in that it is essentially a residual group. Many business consultancy services are classified elsewhere in ISIC, the most notable examples being custom, tariff and transportation consulting (ISIC 6309), investment consulting (ISIC 6719), insurance and actuarial consulting (ISIC 6720), real estate consulting (ISIC 7020), computer related consulting (7210 & 7220), legal consulting (ISIC 7411), taxation consulting (ISIC 7412), construction, engineering, architectural and various other technical consulting services (ISIC 7421), advertising consulting (ISIC 7430), placement consulting (ISIC 7430) and interior decorating and fashion consulting (ISIC 7499). The working group has interpreted ISIC 7414 to include all business consultancy services listed in their data base except those listed above. That being said, a complete and unduplicated list of business consulting services remains to be compiled. ISIC 7414 also covers some, but not all management services.

Work still in progress.

- 27. The current CPC is weak in this area and the knowledge necessary to articulate a precise classification is still lacking. However, it would be possible and useful to restructure the CPC to reflect a few facts emerging from the available information.
- a) There are consulting firms which have, and market expertise in one or many fields of the management science (organization, finance, human resource, etc.). By and large, CPC 865 - Management consulting describes the type of services provided by these organizations.
- b) There are consulting firms which have, and market, expertise in a particular sector of the economy or in a subject matter area outside the management field (agriculture, telecommunication, communications and public relations, accommodation and foodservices, etc.). These firms are classified to ISIC 7414 but the services they provide are poorly described in the CPC.
- c) There are firms which provide management services to related or third parties. The services provided by these organizations are poorly described in the CPC.

The next section provides a proposed restructured CPC. Its main feature is that it distinguishes management consulting (CPC 865) from other business consultancy services (CPC 866) and management services (CPC 867). The detailed categories under the proposed CPCs 866 and 867 are tentative; they were chosen either because they are explicitly mentioned in the ISIC definition or because there is some evidence that the service generates, or is likely to generate, significant revenues in the future. The amount and type of detail at that level of the classification may need adjustments to take account of national circumstances.

RECOMMENDATIONS FOR CHANGES TO THE CPC

865 - Management consulting services

- 8651 Strategy and organisational consulting services
- 8652 Financial management consulting services
- 8653 Human resource management consulting services
- 8654 Marketing management consulting services
- 8655 Operations management consulting services
- 8659 Other management consulting services

866 - Business consulting services nec

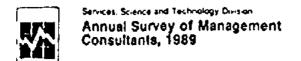
- 8661 Agricultural consulting services
- 8662 Telecommunications consulting services
- 8663 Communications & public relations consulting services
- 8664 Arbitration and conciliation services
- 8669 Other business consulting services nec

867 - Management services (excl. real estate & construction project management)

- 8671 Management services to related parties
- 8672 Hotel & motel management services
- 8673 Farm management services
- 8679 Other management services

DEFINITIONS FOR PROPOSED NEW CATEGORIES

Proposed CPC	Current CPC
8651 - Strategy & organizational consulting	86501 - General management consulting
8652 - Financial management consulting	85602 - Financial management consulting services
8653 - Human resourc management consulting	85604 - Human resource management consulting services
8654 - Marketing management consulting	86503 - Marketing management consulting services
8655 - Operations management consulting	86505 - Production management consulting services
8659 - Other management consulting	86509 - Other management consulting services
8661 - Agricultural consulting	Assistance and advice to farmers on all aspects of farm management, cultivation, fertilization, harvesting, soil erosion and composition, disease prevention,, crop rotation and marketing. Consulting services related to livestock farming are classified to CPC 8812.
8662 - Telecommunications consulting	75440 - Telecommunication consulting services
8663 - Communications & public relations consulting	86506 - Public relations services
8664 - Arbitration and conciliation	86602 - Arbitration and conciliation services
8669 - Other business consulting nec	Assistance and advice to businesses not elsewhere classified. This category includes services such as health care consulting, restaurant and hotel consulting, railway consulting, grant application consulting, and immigration consulting but excludes the following types of business consulting services: custom and tariff, transportation, investment, insurance and actuarial, real estate, computer legal, tax, construction, engineering, architectural and technical, advertising, interior decorating and fashion consulting.
8671 - Management services to related parties	Planning, organizing, directing and controlling the operations of a related party for a fee. This service may also include the provision of "corporate services" such as accounting, data processing and marketing services.
8672 - Hotel & motel management	Planning, organizing, directing and controlling the operations of hotels and motels on a contractual basis
8673 - Farm management	Planning, organizing, directing and controlling the operations of a farm, ranch or orchard on a contractual basis.
8679 - Other management services	Management services not elsewhere classified.



APPENDIX 1

For Office Use Only					
[1]	 				
\square					
	\neg	_			
17	l Į				
ш					

Please correct making address, if required.	Prançais su vei Confidential when complet
INFORMATION FO	
Survey Objective is the collection and publication of data necessary for the statistical analysis of the management consultant industry. The information from the survey can be used by businesses for market analysis, by trade associations to study performance and other otheracter sites of their industries, by government to develop national and regional economic policies, and by other users involved in research or policy making.	Federal-Provincial Agreement In order to avoid duplication of angury and to provide consistent statish an agreement has been made with the Manischa Bureau of Statistics unit Section 11 of the Statistics Act for the exchange of information collected this survey for establishments and/or business locations operated Manischa. The Statistics Act of Manischa includes the same provisions confidencing and paraties for disclosure of information as the lede Statistics Act.
Authority This survey is conducted under the authority of the Slabstics Act. Revised Statistics of Canada, 1985, chapter \$19.	Coverage This report should not include the revenues of your subsidiance or foreign such business. But should include your portion of the revenues and expenses unincorporated point ventures in which you are involved. Please report amounts in Canadian politique.
Confidentiality Statistics Canada is prohibled by law from publishing any statistics which would divide information relating to any identifiable business whou the previous written consort of the business. The data reported on this questionnaire will be treated in strict confidence, used for statistical purposes, and published in aggregate form only.	Return Procedura Please return the questionnairs within 30 days of recept. If you are unat to do so, please inform us of the expected completion date. If you rece- more than one questionnairs under different LO inumbers assure for a repr on the same business, please complete one only, and unach and return a duplicate questionnaire(s).
Reporting Period This questionnaire should be completed for the 1989 calendar year or for your most recent facal year ending no later than March 31, 1990.	Period of Operation If you did not operate this business for a full year, please check { \(\) in reason for your part year report.
This report covers the period: D M Y D M	Change of ownership a Ceased coerations due to bankingtor, first, demoktor (please specify) Seasonal
	Operation 2 New business Change of facal in 1989 year and
2. Identification of Firm (please print)	
a) Legal name of business (il offerent from address label)	
(050)	155 Water or Vegal name)
c): Are you a corporation whose sole purpose is to provide services to your pa	vent company, so an aministro company or to a protessional practice?
If YES, please prof the name of your efficient corporation or the name und	er which the professional practice operates.
a) Form of Organization (Check () one too only).	
Unincorporated - 4 □ Unincorpor endindual proprietorship	ated - pannership 3 lincorporated
* Other (please specify)	
b) is this entity a joint venture?	
028 1 Yes 028 2 No	

4	ECONOMIC ACTIVITY				·- <u></u> -
	Please them (//) below the industry which most accur	Alery describes you	Duamens		
	1980 SIC	,			
	7771 Maragement Consultant		271 2 🗇	Personnel Suppliers	
	7730 🔲 Accouring Services		7759	Scientific Services	
	77\$1 Architectural Services			None of the show (please specify)	
	7752 Consulting Engineering Services				
	7771 Investment Consultant Services		•		
	7772 Maragement Company				
S.	REVENUE Please report revenues to the 1989 calendar year or to facell year ending no fater than March 31, 1914 collected by you for remeance to a government agency.	your most recent i. Exclude taxes	Pease n ytar or expendit	FING EXPENSES epont the following expenses victimed during your mast recent fiscal year. Do not littled if you prefer you hay attach 4 copy ement and proceed to Section 7.	the 1989 calenda include capital of you profit and
		Dollars (omit (40%)]		Dotavs (Onli pens)
	_	107	a) Saiste pour s	EL MAGEL Donuses and commissions paid	160
	a) General Management Consuting	102	967.30	nyce benefits telg lemployers commouston on, medical, unemployment insurance ar irs Compensation pans)	1#1 lo
	b) Financial Management Consulting	103		ind/or lease of land and buildings	142
	c) Marketing Management Consulting	184	d) Rema	und/or latest of motor vehicles	167
	Human Resource Management Consulting		el Renta	indical lease of computer equipment	165
•	a) Production/Operators Management Consuling	105	h Rent s	nd or lease of other machinery and equipment	166
	at a second obsession and advantage committee of	104		s and mauntenance	167
	f) Public Relations	107		accounting, auditing and consulting feat and and sales promotion	164
	g) Information Management & EDP Consulting	100	al insuran		169
	h) Systems Analysis & Programming	,	4) Tales.	parmits and identes (exclude income taxes)	
	() Executive Search Services	109) Heat, k	9/12 power and water	172
	,	110	m) Telepho	one, telegraph, zeea and postage	173
	p. Research & Strikegy Planning	111	n) Travel a	ind entertainment,	174
	k) Other (piezse specify)			is and harchise fees	175
		11:5		ation and amortization	176
	Total Operating Revenue	120	n Office at	nd all other supplies and materials years in the	117
	m) Non-Operating Revenue Impress and all Gener revenue that is not directly related to the operation of this business. Please exclude dividends and capital pans			Operating Expenses	179
	n) Total Revenue Isum of Boxes 115 and 129)	136	G Tetal O	perating Expenses (sum of mems at to sil	179

Date

Security of authorized servers

APPENDIX 2

For Office Use Only

fease correct making address, if required		
INFORMATION FO	R RESPONDENTS	
. Purpose of Survey	Instructions	
Management consultants constitute a segment of the business services sector which has been the source of considerable growth in recursily years,	1. Coverage	
however, very little data on the management consulting industry exists. The survey is designed to collect data which are essential for the statistical analysis of the industry and its impact on the Canadian economy. The questionnaria has been designed after consultation with improbers of the institute of Carisfied Management, Consultation of Canadia.	This import should not end- foreign branches, but should	ude the revenues of your subsidiaries in I notice your pomon of the revenues an joint ventures in which you are involved Cenedish dollars.
. Confidentiality	2. Return Procedure	
Statistics Canada is prohibred by law from publishing any statistics which would divulge information relating to any identificable business without the	Please return the questions	art miles 15 days of receipt it you ar
would dwage information relaining to any interefacile four-size welfout the previous content of that business. The data reported on this questionnairs will be treated in strict confidence, used for statistical purposes, and published in aggregate form only.	encome to do ad, prease inten- receive more than one quest for a report on the same bus and return the duplicate	in us of the expected completion date. It you constant under different 1.D., numbers askin mess, please complete one only, and attack
. Authority	3. Inquiries	
This survey is conducted under the authority of the Statistics Act. Revised Statistics of Cerucia, 1965, chapter 519.	If you require assistance in the any questions recording the	he completon of the questionnaire of havi survey, please call the Toromo Statistic foronto at 973-6598 or toll the at 1-900
 Federal Provincial Agreement In order to avoid duplication of anguly and to provide consument statistics, 	387-0730.	A A A A A A A A A A A A A A A A A A A
an agramment has been made with the Manicha Sureau of Statistics under Section 11 of the Statistics Act for the exchange of information coffected in the structure, for exchange of information contacted in Manicha made statistics and of Manicha includes the terms provisions for confidentially and penalties for disclosure of information as the federal Statistics Act.		
Reporting Period The questionant should be completed for your most recent fessal year.	Period of Operation If you did not operate this busin	ess for a full year, please check ($$) the
ending no later than March 31, 1992,	urrency to, forty bay Aera vebby/	1,
This report covers the period:	Sta Charge	⁴ ☐ Cessed operations due to bankniptry. Ere.
From 230 0 M Y to 231 1 1 1	E Seasonal operation	demonton (please specify)
	² Mew business in 1991	² Overge of femal year and
identification of Firm (please pret)		
a) Legal name of business (if different from address label)		
OSA	1111111111	
b) Name under which business operates (tracking name) (if different from according	less label or legal name)	
061		
c). Are you a corporation whole sole purpose is to provide services to your p.	arent company, to an afficient compa	fy or to a professional practice?
(825 1 □ Yest 2 □ PNO		
If YES, please point the name of your affiliated corporation or the name un	rder which the professional practice of	DO 1864
026		
a) Form of Organization (Check (√) one box only).		
1027	nated - partnership 1 🛄 in	CONDONAINE

S-4700-21 1 1992-05-67 STC-SST-425-04118

Statistics Statistique
Canada Canada

Canadä

DEFINITIONS

SECTION 4. MAIN ECONOMIC ACTIVITY

4.A) Definition of the Target Activity in this Survey

This survey largets businesses primarily engaged in the provision of 1) management consulting services, and 2) management services.

- 1) Management consulting is have defined as providing objective actives to the management of prison and public sector organizations. Incommending adultions and providing assustance to implement and evaluate fless incommendations. Management consultant firms advise on a wide range of estude including strategic management and pathoning, organizational structure and review, financial planning, marketing objectives and policies, information systems planning, sevaluation and/or selection, human resource planning marketing objectives and policies, information systems planning, sevaluation and/or selection, human resource planning objection, objectives and public relations. They usually have expense in a particular area of management activity or in a particular hand oil application (communication), transportation, bothlying, etc.) but some provide advice and assistances on a well range of problems and usuals.
- 2) Management service companies are businesses primarily engaged in the provision of general and/or approximate services on a day to day base and on a fee or contact base. Firms in this industry do not provide operating staff (Firms which provide both management services and operating staff, for purposes of this survey should report that reviews to term it) Other Revenue in section 5) flavenue by Type of Services.

SECTION 5. REVENUE BY TYPE OF SERVICE

- Tel. Strategic Management and Planning, Organizational Structure and Review Consulting: Asince and assistance to management on issues related to policy and survey; and the overall panning, structuring and consol of an organization. An assignment of this light may deal for example, with any of the following dautes; program and policy evaluation amount formulation, review and reorganization of organizational structures, seasing management and planning, business humanound plans, management audits and comprehensive audits.
- 1b) Financial Management and Planning Consulting. Advice and assistance to management or matters related to financial planning and control. Excludes advice on short-term portion menagement which is normally offered by the financial intermediates. Includes determination of an appropriate capital structure, according policy and procedures analysis of capital intestiment proposals, margers and acquisitions evaluations, working capital and iquidity management, inventory management, assistance in the learning to financing.
- 10) Human Resource Management and Planning Consulting: Advise and assistance to management in the planning and realizing of their human resource needs. Assignments may deat with one or a combination of the tolowing, audit of the personnel function, human resource policy and planning, iscourtness procedures, human resource development, labour-management installed, absentiseem control and performance appraisal, and other matters related to the personnel management function of an organization Eucludes esecutive search services, and, outplacement, which should both be reported to category 1g Easoutive Search Services.
- 14) Marketing Management and Planning Consulting Advice and assistance to management concerning marketing strategy and marketing operations of an organization. Includes analysis and formulation of a marketing strategy, outcomer stances and priving policies; as well as solvice on sates management, organization of distribution channels and the distribution process, etc. Encludes both consumer marketing research and individualistic marketing research assignments, which should be reported to categories in Other Revenue and III) individual Marketing Research Studies respectively.
- Tel: Operations Management Consulting Advice and assistance concerning emprovement of productively and reduction of production costs. It involves the layout of facilities, selection of equipment, materials harding, quality control, safety and performance standards, memory control, and, overall integration of operational information. Eachible advisory services for plant layout and industrial processes which are normally offered by consulting singments.
- 16] Industrial Marketing Research/Studies The gettering, recording and/or analysis of information related to the marketing of goods and services to business and institutional charts, including market research studies, sales analyses, outloner analyses, competior analyses and sales forecasts. Excludes congumer marketing research studies which should be reported to category at Other Revenue.
- 19) Economic and Social Research/Studies Economic and social intelligence: services not in connector with merchandised products. Included are industry studies: analysis, economic analysis, economic modeling, demographic analysis, etc.
- 1h) Other Management Consulting Includes advice and assistance to management on any other management services not listed above includes advice on records management.
- 18) Computer Services and Information Systems Management

Computer Services - Advice and assistance on the choice of hardware, the selection and development of solware, systems, analysis, development and integration and rendering the systems operational firms whose primary activities needed computer rental and tearing, maintenance and reper, data processing and data entry services, or computer facilities management services (outsourcing) should be classified to Other Computer Service in section 48) Mate Economic Activity.

Information Systems Management - Advice and assistance on asses retained to the design (or modification) and implementation of computatived information systems, implicitle EOP stranger.

Other Computer Services (this category is found only in section 46) Main Economic Activity; includes services not included in the category Computer Services and Information Systems Management such as computer renal and leasing, maintenance and repair, data processing and data entry services. As a includes computer lacities management services (is, outsources).

- \$\foating\$ Executive Search Services Services consisting of the search for, selection and retend of susculave personnel for employment by others. The services may be suppried to the potential employer or to the prospective employee and may move the formalism of job descriptions, screening and testing of applicable, investigation of references, and other research, includes outplacement services.
- 1b) Training and Education Provision of training and education services designed to develop qualities and stuly in personnel that will enable them to be more productive and better contribute to organizational goal attainment.
- 2) Revenue from Management Sennose Provision of general or specialized management seniose on a say to day basis and on a fee or contact basis Firms in this inclusity do not provide operating staff. (Firms which provide bolt management and operating staff, for purposes of this survey should report shall revenue to sem 4) Other Revenue in section 5) Revenue By Type of Service.)
- Revenue from Public Relations Advice and assistance concerning methods for improving the image and relations of an organization or individual with the general public, government, voters, shareholders and others.
- 4) Other Revenue: All other hon-management consulting operating revenue not covered by the revenue categories above

By Description of main economic in Please vocate which of the following as detailed a description as possibility.	********	Acres Acres 1	MARKET BACKET	' make revenue generaling activity. If none of them are socious uness	che, phospie grve
				7611 Theurands Counseling	- 1
Management consulting services: 7771 Management Consulting		_		7739 🗍 Tai Considing	
	25 A 22	-		7785 Consumer Managing Research Service	
3. Managément services	_			4. Other services	
1315 🔲 Holong and Manag				772 🗍 Other Conquiter Services (see Deliniso	ne)
7§1 Property Managers				7731 Audising and Accounting Services	
4611 Construction Maria 2772 Mariagement Servi	-			7799 Economic and Social Research (includes industry studies analysis)	
7772 Maragement Sérin (other than Post k	(avoids bess	,		1759 Scientific Services	
3. Other consulting services				7712 Personnal Supplers	
7721 C Computer Services	and Interm	ustori		7711 Executive Search Services	-
Systems Managem	eni			0000 None of the above. (Peess specify	
7752 Engineering Consu	-			as detailed a description as possible	' }
7799 Actuaral Person Benefits Consump					
7771 🔲 Investment Course	ene:				
1. REVENUE BY TYPE OF SERVICE				4. OPERATING EXPENSES	
The purpose of this section is to mall organization by type of service pro- taines collected for remotioned classify each associationization using the definitions provided or combines services, please report to the category which best represents associations or recommend a market	HOME APPORT THE OPPORT THE PURPORT THE PURPORT	propriate 5 che page nue from it r of the ass	gency. Please ervice calegory. If an assignment to ugnment leg an- insures a market	Please report the following elements incurred during the year or your most inclimal hazal year. Do not le expenditures. Please include GST except the po- refundable by government. If you prefer you may all your profit and loss statement and proceed to Socion.	nclude capital ction which is son a copy of
research study should be state-of-	ייייייייייייייייייייייייייייייייייייי	i veep ec			166
by type of service, please provide in			<u> </u>	all Salanes, wages bonuses and commissions paid to your own employees.	
	Do yey	Number	Esternalis		161
	190,000	BELOT.	gr colds	 b) Employee benefits (e.g., employer's contribution to pension, medical, unemployment insurance and 	
1. Revenue kom Consuling	Part of	menus	İ	Workers' Compensation plans)	t\$#
ASSIGNMENTS OF	(America)	075	095		
 Strategic Management and Planning Diganizational Strict 	061	97.	V3-	c) Training and education	162
ture and Review	06.2	079	096	d) Rant and/or tease of land and buildings	
b) Financal Management and		1		SI NEW BOOK CARE OF COLUMN AND AND AND AND AND AND AND AND AND AN	163
Planning	063	080	097	e) Rent and/or lease of motor vehicles	
c) Human Resource Management		ļ			164
and Planning (exc) Executive Search Services and	1	1		B. Rent and/or lease of computer equipment	
puspiacement)	084	41	098		165
gi Markeyng Management and Planning (excl. marketing			ł	g) Rant and/or lease of other machinery and equipment	164
research assignmental	06.5	062	121	1	
			1	h) Repart and mantenance	167
e) Operations Management :	064	043	100	1	
f) Industrial Marketing Research	l	l		i) Legal, accounting, auditing and consulting fees	164
Studies (excl. consumer marketing research)	<u></u>	084	IOT	g) Adversing and sales promotion	
g) Economic and Social Research	P47	[169
(end. industry studies/analyse)	068	046	102	to insurance	
 Other Management Corothing (presse specify) 		1	-	!	170
		<u> </u>	ļ	η Taxes, permits and licenses (exclude income taxes):	121
il Computer Services and	06.5	086	193	1	***
Information Systems Manage- mani	L	<u>L</u>	<u> </u>	m) Heat, light, power and water	172
	970	967	194	n) Telephone, seteoraph, teles and postage	
Executive Search Services (incl outplacement)		1	<u> </u>	ing respective, respective contract processes	173
•	071	968	106	p) Travel and entertainment	
 t) Training and Education 	072	DIE	104	1	174
2 Revenue Iron Managemen		""	1	p) Poyatios and kanchise less	
Services	973	090	107	1	175
	1	1	1	Opprecution and amontation	176
3 Revenue kom Public Relations	074	091	108	1	•
4. Other Revenue (please specify)				r) Sub-consultants lees	177
		<u> </u>	716	s) Office and all other supplies and materials used in the	
			1	busness	178
5 Total Operating Revenue			126	t) All other operating expenses	
A New Own Horse Barrer &			L		179
6 Non-Operating Revenue	• • •		130] .	{ [
GENERALIE			l	us Total Operating Expenses (sun of tems a) to ())	l

Passa agont for usual number of persons encloyed States and Wiges as phorn of Eugenses, Section 183	7. EMPLOYMENT		1040ml	C10 44 D(2 ()	C#44 13	1, 132 8/6 133	700
Service Part recording parted is union you paid Seates and Vilagos as Province Consulting Seates and Vilagos as Province Consulting Co	a) Pad Employees			Management C	onsultani	.	<u> </u>
Full State Section S	during the reporting period to whom you paid		i .				201
Full-time Employees Regular employees Regular employees to above to by the tourness 151	Salares and Wages as shown in Expenses, Section 6, Box 180:			_			203
Regular employees and according to students with work and according to the business - Part time Employees Traces and according to the timer Part Regular Standard with which must colorinal by the part of the		<u> </u>	ł	•			303
Part-time Employees Tosse who existed requirity but for teres Plan Re standard worn week nouth calevand by the business process of unit 183	Regular employees who worked the standard work	, 					204
Tacke with with a spiral group by to to here han the spiral with mass floor dearwal by the business of the business of the business of the business arrow parents of unit 113 Administration Cereal Dearwal process arrow parents of unit 113 Administration Cereal Dearwal process arrow parents of unit 113 Administration Cereal Dearwal process arrow parents of unit 113 Administration Cereal Dearwal process arrow parents of unit 113 Administration Cereal Dearwal process are spiral process. 181 182 181 182 182 183 181 182 183 183 183 183 184 18		161	Other Pr	rofessional Desi	dunpour		705
Business Section 193	Those who worked regularly but for fewer than the		Technol	logista. Systems	Analysis	& Programmes	<u> </u>
Cutent 645 Pease radical soon is a number of assignments and the processing of load operating reviews demend disably from 1 1. Doministic 1. D	busness	163	Adr-vns	Vacon, Clerical			
Number of case combine number of assignments and the percentage of load operating remove densed districts in Number of	COLDO, 9160, pr. 24,617mt	<u></u>	Other (c	please specify)		<u> </u>	— '
C Institutions 194 192 195 193 195 193 195	Prease indicate took the number of assignments and the 1. Domestic:	-	_	e derved desce	y from.	Q y?ASCUR	nu Tota:
2, Foreign at CIDA	b) Governments				 .	. 193	181
2. Foreigns a) CIDA b) Other Inernational Agencies c) Foreign Governments 1. Other Total 199 189 1. 189 1. Other Total 199 189 1. PROVINCIAL DISTRIBUTION a) Please report the number of businors operated in Caraoa during the reporting period (Operating locations include head of cast, research lac trading locations) b) Oo you have bications in hore than pre-provinces b) Oo you have bications in hore than pre-provinces b) Oo you have bications in hore than pre-provinces c) Please report the lotal number of locations by province along with selected reviews and expose fems. Provinces Provin	c) Institutore				,	194	182
196 194 194 194 195	2. Foreign:					195	133
197 185 186	·	•					
1. Other Total	b) Other International Agencies						
### Total ### PROVINCIAL DISTRIBUTION ### Please report the number of locations operated in Canada during the reporting period (Operating locations include head offices, research facilities) #### Please report the number of locations operated in Canada during the reporting period (Operating locations include head offices, research facilities) ####################################	c) Foreign Governments					· <u> </u>	
9. PROVINCIAL DISTRIBUTION a) Please report the number of locations operated in Carada during the reporting period (Operating locations include head of cast, research fact trading locations) B24	3. Other					194	186
a) Please report the number of locations operated in Carada during the reporting period (Operating locations include head of load, research lace grading locations) B24	Total					199	189
Prince Edward Island 302 315 326 Nova Scotea 303 316 329 Nova Scotea 303 316 329 New Brusswick 304 317 330 Ouebec 305 318 331 Chiano 306 319 332 Manitoba 307 326 332 Sastiatcheven 308 321 334 Alberta 308 322 335 British Columbia 310 323 336 Northwest Terriories 311 324 327 Yukon 312 325 336 Total Should Should Should Relayed Stould Should	Yes - Please complete 9 c)	y province along wi	m selected revenu				Saures
Prince Edward Island 303 316 329 Mova Scote 304 317 330 Debec 305 318 331 Chiano 306 319 332 Manitobs 307 326 331 Saskaichewen 308 321 334 Alberta 308 322 338 British Columbia 310 323 336 Northwest Territories 311 324 337 Yukon 312 325 336 Total 5houte 5houte 5houte 5houte 5houte 5houte	# Yes - Phase complex 9 c) c) Please report the lotal number of operating locations by	r province along wi	th selected revenu	Number	or .	Revenue	Ber
Nova Scote 304 317 330 New Brunsweck 305 318 331 Collabor 306 319 332 Manische 307 326 332 Sastachewen 308 321 334 Alberta 308 322 335 Brish Columbia 310 323 336 Northwest Terriories 311 324 327 Yukon 312 325 238 Total Should Should Be aud Should Should Be aud	# Yes - Please complete 9 c) c) Please report the total number of operating locations by Province	r province along wi	th selected revenu	Number Locatio	or Ns	Revene	Ber
New Brunswek 305 318 331 Cintano 306 319 332 Mantobs 307 326 332 Sastaicheven 308 321 334 Alberta 309 322 338 British Columbia 310 323 336 Northwest Terriones 311 324 337 Yukon 312 325 338 Total 313 326 339 Should sould fie aun sould	2 Yes - Please complete 9 c) c) Please report the total number of operating locations by Province Newfoundland	province along w	th selected revenu	Number Locatio	of ns	Revine 3	327
Ouebec 305 318 331 Chuano 306 319 332 Manistos 307 326 332 Saskakhewan 308 321 324 Aberia 309 322 335 Brish Coumbu 310 323 336 Northwest Terriories 311 324 337 Yukon 312 325 338 Total 313 326 339	Please report the lotal number of operating locations by Province Province Newfoundland	r province along wi	Th selected revenu	Number Location 301	31 31	Reviews 3 14	327 326
Critano 306 319 332 Manistria 307 326 331 Sustancheven 308 321 334 Alberia 309 322 338 British Columbia 310 323 336 Northwest Territories 311 324 337 Yukon 312 325 236 Total 313 328 339 Should sould stoud stoud 5hould sould stoud 5hould stoud 5hould stoud	# Yes - Please complete 9 c) c) Please report the lotal number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia	r province along wi	th selected reveny	Number Location 301 302 303	31 31	Revenue 5 14 15	327 320 329
Marktobs 307 326 332 Saskatchewen 308 321 334 Alberta 309 332 335 British Columbia 310 323 336 Horithwest Territoritis 311 324 337 Yukon 312 325 338 Total 313 326 339 Should equal Should fie aum	Please report the lotal number of operating locations by Province Newfoundland Prince Edward Island Nova Scote New Sinuswick	r province along wi	th selected revenu	Number Location 301 302 303 304	31 31 31 31	Revenue \$ 114 115 116 117	327 326 329 330
Markson 308 321 334 Sastaschewen 308 322 335 Alberia 309 322 335 Bhish Columbia 310 323 336 Northwest Territories 311 324 337 Yukon 312 325 338 Total 313 326 339 Should sould sould separate sould sould separate	Please report the lotal number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Snurswick Quebec	province along wi	m selected revenu	Number Location 301 302 303 304 305	31 31 31 31	Revenue 3 14 15 16 17	327 328 329 330 331
Saskatchevien Saskatchevie	Please report the lotal number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Snurswick Quebec	province along wi	th selected reveny	Number Location 301 302 303 304 305 306	31 31 31 31	Revine 5 114 115 115 115 115 115 115 115 115 1	327 328 329 330 331
Aberta	Please report the lotal number of operating locations by Province Newfoundland Prince Edward Island Nova Scota New Brunswick Quebec Cintano	r province along wi	th selected revenu	Number Location 301 302 303 304 305 306 307	31 31 31 31 31 31	Revious 3 114 115 115 115 115 115 115 115 115 115	327 328 329 330 331 332
British Columbia	# Yes - Please complete 9 c) c) Please report the lotal number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Brunswick Quebec Chiano Manitobs	province along wi	m selected revenu	Number Location 301 302 303 304 305 306 307 306	31 31 31 31 31 31	Revirus 5 114 115 115 115 115 115 115 115 115 1	328 328 329 330 331 332 333
Northwest Territories 312 325 336 Yukon 313 326 339 Total Should soul soul soul soul soul soul soul soul	# Yes - Please complete 9 c) c) Please report the lotal number of operating locations by Province Newfoundand Prince Edward Island Nova Scote New Brunswick Quebec Chiane Manticle Saskatchewen	province along wi	m selected revenu	Number Location 301 302 303 304 305 306 307 308 309	31 32 31 31 31 31 32 33 33	Revinue 5 114 115 116 117 118 119 119 119	328 328 329 330 331 332 333
Yukon 313 326 339 Total Should squal should be suit for sum Should squal should be sum	Please report the lotal number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Brunswick Quebec Chuano Mantobs Sastalchewen Alberta	province along wi	th selected reveny	Number Location 301 302 303 304 305 306 307 308 309	31 32 31 31 31 31 32 33 33	Revinue 5 114 115 116 117 118 119 119 119	327 328 329 330 331 332 333 334
Should Should Should Should Re sun	# Yes - Please complete 9 c) c) Please report the total number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Sinciswick Quebec Chiano Manitoba Sastialchewen Alberta British Columbia	province along wi	th selected /eveny	Number Location 301 302 303 304 305 306 307 308 309 310	31 31 32 33 33 33 33	Revirue 5 114 115 115 115 115 115 115 115 115 1	327 328 329 330 331 332 333 334 335 336
Should Should Should squal sould steepun	# Yes - Please complete 9 c) c) Please report the total number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Brunswick Quebec Onland Manitobs Saskatchewen Alberta British Columbia Northwest Territories	province along wi	m selected revenu	Number Location 301 302 303 304 305 306 307 308 309 311	31 31 31 31 31 32 33 33 33	Revirue 5 114 115 115 116 117 118 119 119 119 119 119	327 328 329 330 331 332 332 334 335 336 337
Box 024 Box F30 150 and	A Please report the lotal number of operating locations by Province Newfoundland Prince Edward Island Nova Scotia New Brunswick Cuebec Chiania Mantoba Sastatchewen Alberta British Columba Northwest Territones Yukon	province along wi	m selected revenu	Number Location 301 302 303 304 305 306 307 308 310 311 312	31 31 31 31 31 32 33 34 33 33	Revinue 5 114 115 116 117 118 119 119 119 119 119 119 119 119 119	327 328 329 330 331 332 333 334 335 336 337
	# Yes - Please complete 9 c) c) Please report the total number of operating locations by Province Newfoundland Prince Edward Island Nova Scotia New Brunswick Quebec Chiane Mantiche Sastaichewen Alberta British Columbia Northwest Territoritis Yukon	province along wi	Th selected revenu	Number Location 301 302 303 304 305 306 307 308 310 311 312 313 Should be seen a seen and see	31 31 32 32 32 32 32 32 32 32 32 32 32 32 32	Revinue 5 114 115 116 117 118 119 119 119 119 119 119 119 119 119	327 328 329 330 331 332 333 334 335 336 337 338
	A Please report the lotal number of operating locations by Province Newfoundland Prince Edward Island Nova Scotia New Brunswick Cuebec Chiania Mantoba Sastatchewen Alberta British Columba Northwest Territones Yukon	province along wi	th selected revenu	Number Location 301 302 303 304 305 306 307 308 310 311 312 313 Should be seen a seen and see	31 31 32 32 32 32 32 32 32 32 32 32 32 32 32	Revirue 5 114 115 116 117 119 119 119 119 119 119 119 119 119	327 328 329 330 331 332 333 334 335 336 337 338 339
I certify that the information contained herein is complete and correct to the best of my knowledge	A Please report the Iolal number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Sinnswick Quebec Cintano Manitoba Sastiatchewen Alberta British Columbia Northwest Territories Yukon Total			Number Location 301 302 303 304 305 306 307 306 311 312 313 Should soul a soul	31 31 32 32 32 32 32 32 32 32 32 32 32 32 32	Revirue 5 114 115 116 117 119 119 119 119 119 119 119 119 119	327 328 329 330 331 332 333 334 335 336 337 338 339
I certify that the information contained herein is complete and correct to the bast of my knowledge. Name of person to contact for Airthur information (prease pmit).	# Yes - Please complete 9 c) c) Please report the total number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Source Chiano Manitoba Sastialchewen Alberia British Columbia Northwest Territories Yukon Total 18. CERTIFICATION 1 ceruly that the information contained herein is complete Name of person to contact for further information (presse print)	and correct to the		Number Location 301 302 303 304 305 306 307 308 310 311 312 313 Should solve s	31 31 31 31 31 32 33 33 32 32	Revirue 5 114 115 116 117 119 119 119 119 119 119 119 119 119	327 328 329 330 331 332 333 334 335 336 337 338 339
I carrily that the information contained herein is complete and correct to the bast of my knowledge	# Yes - Please complete 9 c) c) Please report the total number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Source Chiano Manitoba Sastialchewen Alberia British Columbia Northwest Territories Yukon Total 18. CERTIFICATION 1 ceruly that the information contained herein is complete Name of person to contact for further information (presse print)	and correct to the		Number Location 301 302 303 304 305 306 307 308 310 311 312 313 Should solve s	31 31 31 31 31 32 33 33 32 32	Revirue 5 114 115 116 117 119 119 119 119 119 119 119 119 119	327 328 329 330 331 332 333 333 334 335 336 337 338 338
I carefy that the information contained herein is complete and correct to the bast of my knowledge. Name of person to contact for Airther information (please pmit) 233 Take	A Please report the lotal number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Brunswick Quebec Chiano Manitoba Sastiatchewin Alberta British Columbia Northwest Territories Yukon Total 18. CERTIFICATION 1 ceruly that the information contained herein is complete Name of person to contact for Airther information (please print) 233	and correct to the	Desi of my knowle	Number Location 301 302 303 304 305 306 307 308 310 311 312 313 Should be seen a second secon	31 32 32 32 32 34 4	Revirue 5 14 15 16 17 18 19 19 19 14 15 Should should box 130	327 328 329 330 331 332 333 334 335 336 337 338 339 570,36 360,370
I carefy that the information contained heren is compete and correct to the bast of my showledge Name of person to contact for further information (prease pmit) 233 Business Address Postal Code Anta Code Talephone Number Ext.	# Yes - Please complete 9 c) c) Please report the total number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Brunswick Quebec Chiano Manitobs Sastatichewen Alberta British Columbia Northwest Territories Yukon Total 18. CERTIFICATION I carrily that the information contained herein is complete Name of person to contact for further information (please print) 233	and correct to the	Desi of my knowle	Number Location 301 302 303 304 305 306 307 306 309 311 312 313 Should soul a s	31 32 32 32 32 34 4	Revirue 5 14 15 16 17 18 19 19 19 14 15 Should should box 130	328 329 330 331 332 333 334 335 336 337 338 339 339 339 339 339
I carefy that the information contained herein is complete and correct to the best of my knowledge. Name of person to contact for Airther information (piease pmit) 233 Table	# Yes - Please complete 9 c) c) Please report the total number of operating locations by Province Newfoundand Prince Edward Island Nova Scotia New Brunswick Quebec Chiano Manitobs Sastatichewen Alberta British Columbia Northwest Territories Yukon Total 18. CERTIFICATION I carrily that the information contained herein is complete Name of person to contact for further information (please print) 233	and correct to the	Desi of my knowle	Number Location 301 302 303 304 305 306 307 306 309 311 312 313 Should soul a s	31 32 32 32 32 34 4	Revirue 5 14 15 16 17 18 19 19 19 14 15 Should should box 130	327 328 329 330 331 332 333 334 335 336 337 338 339 570,36 360,370