

Methodology Branch

Business Survey Methods Division

Direction de la méthodologie

Division des méthodes d'enquêtes entreprises

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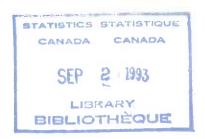
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COMPARISON OF ELEMENTS BETWEEN THE COMBINED.MASTER AND COMSCREEN FILES (TAX YEAR 1981)

M. Hidiroglou, M. Morry and C. Vaillancourt
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April 1984



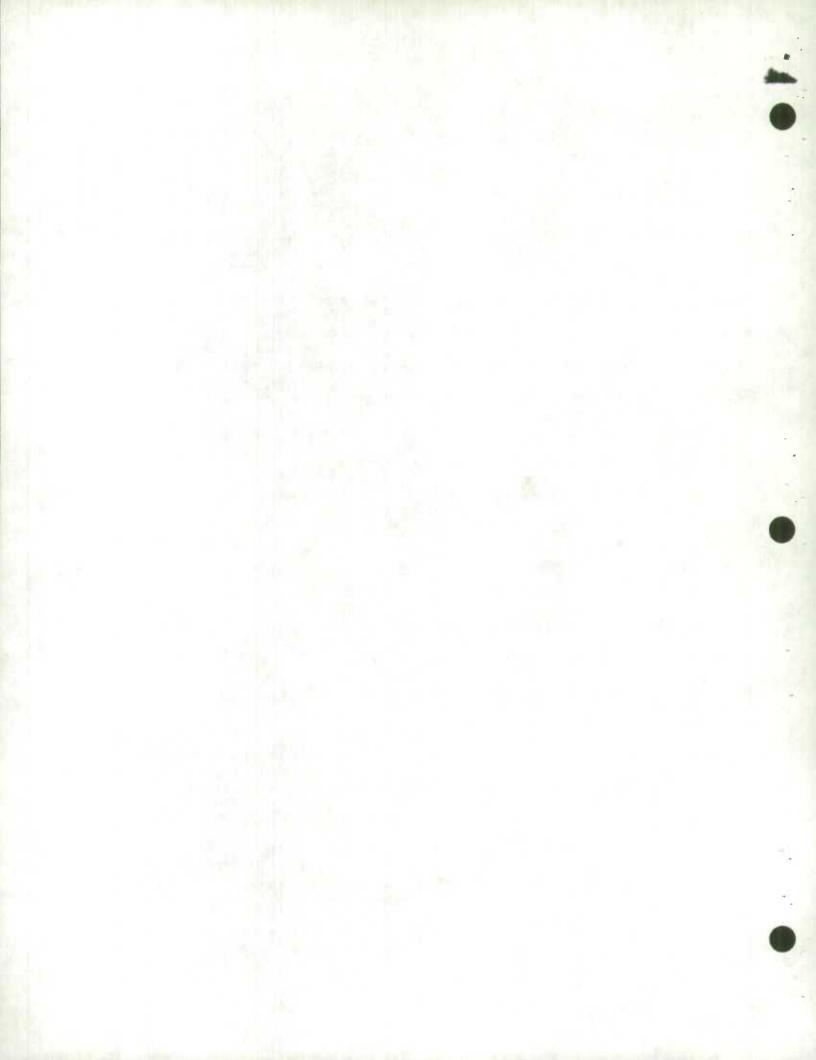
Comparison of Elements between the Combined.Master and COMSCREEN files (Tax Year 1981).

Introduction

One of the objectives of the small area project is to produce estimates of Gross Business Income, Capital Cost Allowance, Net Profits, Wages and Salaries and Total Assets at the subprovincial level. The first three items can be found on both the Combined Master and COMSCREEN files while the last two items can only be found on the Combined Master file. The Combined Master is a file resulting from the coding of T1 and T2 tax returns by Tax Record Access (TRA) at Statistics Canada based on a prespecified sample and a sampling algorithm. The COMSCREEN is a file created by Revenue Canada based on a sample selected from the universe of self-employed tax filers. All businesses with Gross Income over \$25,000 are on the COMSCREEN file.

The COMSCREEN is made up of basically two parts: the first part is the T1 portion as keyed by Revenue Canada and the second part is made up of three segments transcribed at Revenue Canada using tax data pertaining to the three major businesses of a tax filer.

Since the Combined Master is roughly a one in four sample for businesses whose Gross Business Income lies between \$25,000 to \$500,000 and a 100% sample for all businesses whose Gross Business Income is above \$500,000 the comparison of data elements between the Combined Master and COMSCREEN files will be done for businesses whose Gross Business Income (GBI) falls in the range of \$25,000 and over.



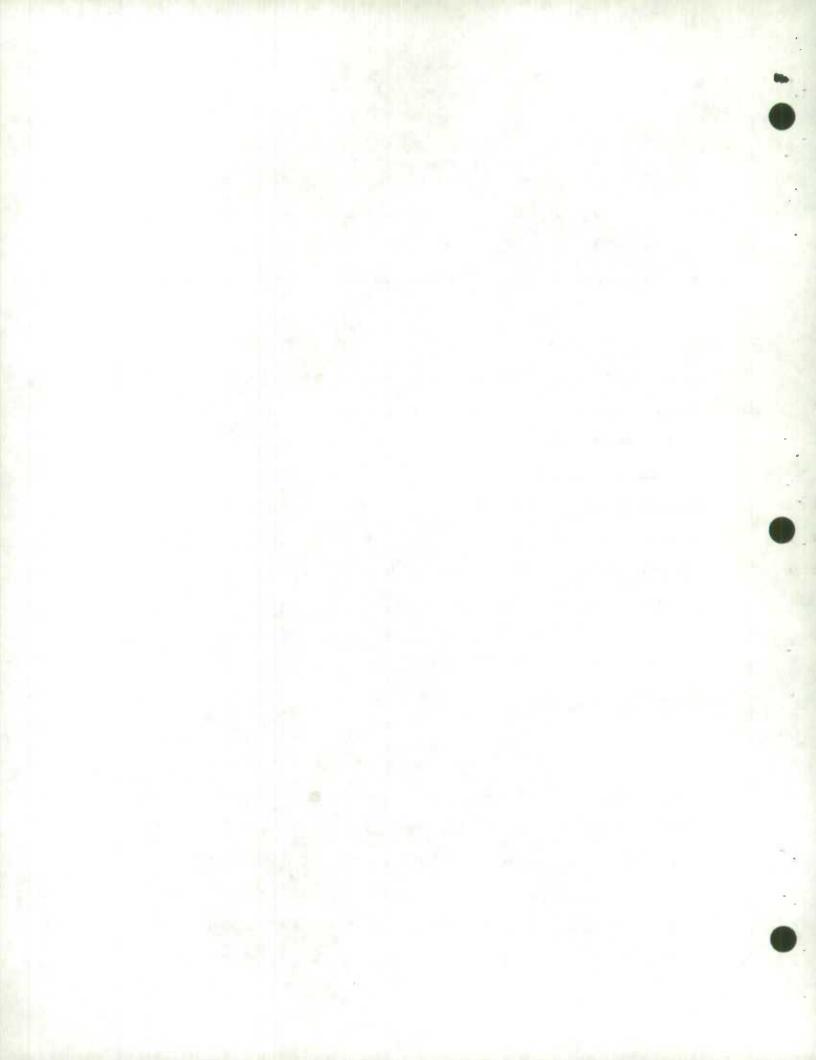
Single T1 records from the Combined. Master (200,016 records) were matched to single records from the COMSCREEN file (483,534 records) using Social Insurance Number (SIN) as matching key. The match resulted in 136,982 records which could be used to compare fields judged to be comparable between the two files. The matched records had to satisfy the following conditions on the Combined. Master portion in order to be included in the different comparison procedures:

- i) They had to be active businesses,
- ii) All fields transcribed had to have passed basic edits,
- iii) Financial statements had to be complete.
- iv) The business was not a Limited Partnership,
- v) The financial statements had to show Business income,
 The fields of interest on the Combined. Master and COMSCREEN that are to be compared were split into:
 - 1. Standard Industrial Classification (SIC)
 - 2. Geographical Classification (SGC)
 - 3. Data elements needed for relationships and counts.

1. STANDARD INDUSTRIAL CLASSIFICATION COMPARISONS

Some of the coding differences for the 1980 Standard Industrial Classification (SIC) between the COMSCREEN and Combined. Master files were given in (1). These coding differences implied that the comparison should be made at the Major Division (1 digit SIC) or Major Group (2 digit SIC) level.

The comparisons for these two SIC groupings are given in tables 1 and 2 for Major Division and Major Group respectively. The overall agreement for Major Divisions is 78% while for Major Groups it is 67%. From Table 1. one



observes that there is good agreement (above 80%) for Construction, Transportation, Retail, Accommodation Service, and Logging and Forestry. The poorest areas of agreement are in Fishing, Mining, Manufacturing, Wholesale and Real Estate. Areas of disagreement for Major Divisions are provided in table 1 of the appendix, showing the proportion of records coded to another Major Division by Revenue Canada. The highlight of these differences are summarized as follow:

- i) For businesses coded to Manufacturing by Statistics Canada, 29% of the records are coded to Retail, by Revenue Canada.
- ii) For businesses coded to Communication by Statistics Canada, 19% of the records are coded to Transportation, by Revenue Canada.
- iii) For businesses coded to Wholesale by Statistics Canada, 32% of the records are coded to Retail, by Revenue Canada.
- iv) For businesses coded to Real Estate by Statistics Canada, 31% of the records are coded to Construction, by Revenue Canada.

From Table 2, one observes that the level of agreement between the Revenue Canada and Statistics Canada coding is reduced considerably when the Major Group level is compared. The differences in coding of the Major Group occur within and between the Major Divisions as observed from Table 2 in the appendix.

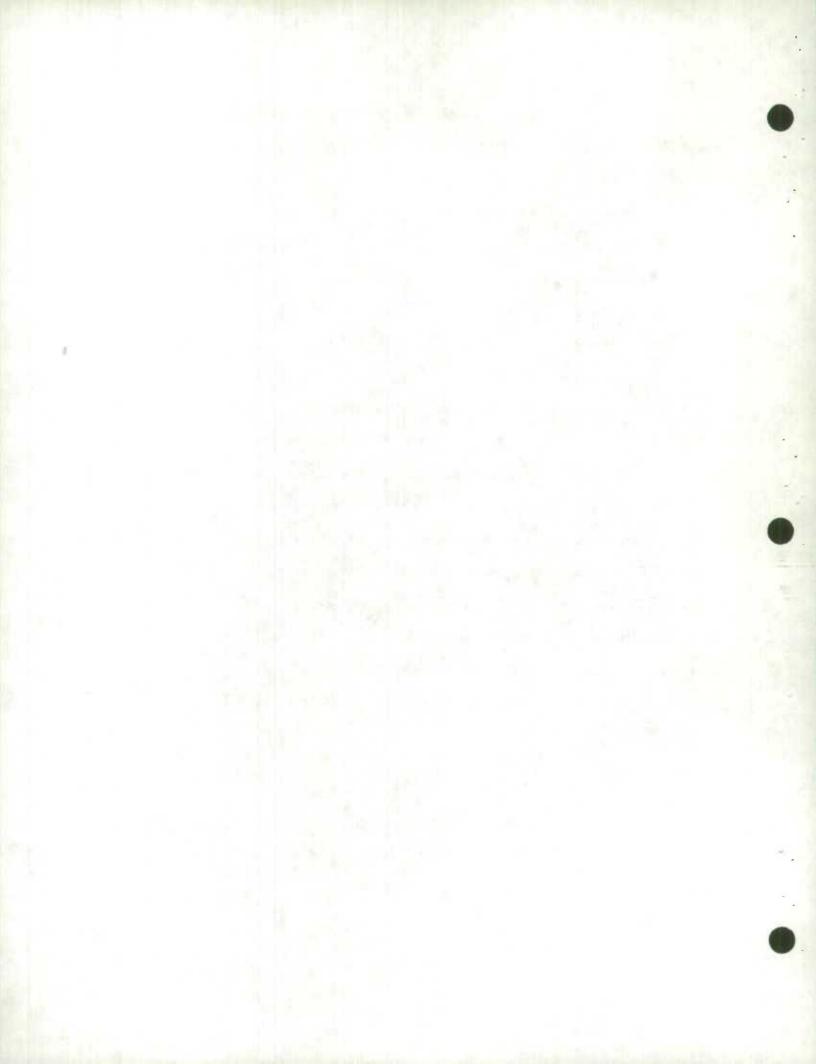


Table 1: Summary of Agreement between STC and RCT coding at the Major Division level

(Controling for STC SIC Coding)

Ma	jor Division Agreement		Major Division Agreement	
A.	Agriculture	73%	I. Wholesale	41%
В.	Fishing	45%	J. Retail	91%
С.	Logging and Forestry	84%	K. Finance and Insurance	75%
D.	Mining	59%	L. Real Estate	44%
E.	Manufacturing	52%	M. Business Service	78%
F.	Construction	90%	O. Educational Service	83%
G.	Transportation	92%	P. Health and Social	89%
н.	Communication	69%	Q. Accomodation Service	93%
			R. Other Services	86%

TOTAL: 78%

Controling for RCT SIC coding

Major Division	Agreement	Major Division	Agreement
A. Agriculture	69%	I. Wholesale	60%
B. Fishing	24%	J. Retail	85%
C. Logging and Forestry	89%	K. Finance and Insurance	53%
D. Mining	52%	L. Real Estate	76%
E. Manufacturing	73%	M. Business Service	71%
F. Construction	90%	O. Educational Service	45%
G. Transportation	85%	P. Health and Social	65%
H. Communication	54%	Q. Accommodation Service	94%
		R. Other Services	76%

TOTAL: 78%

STC--Statistics Canada

RTC--Revenue Canada

SIC--Standard Industrial Code (1980)

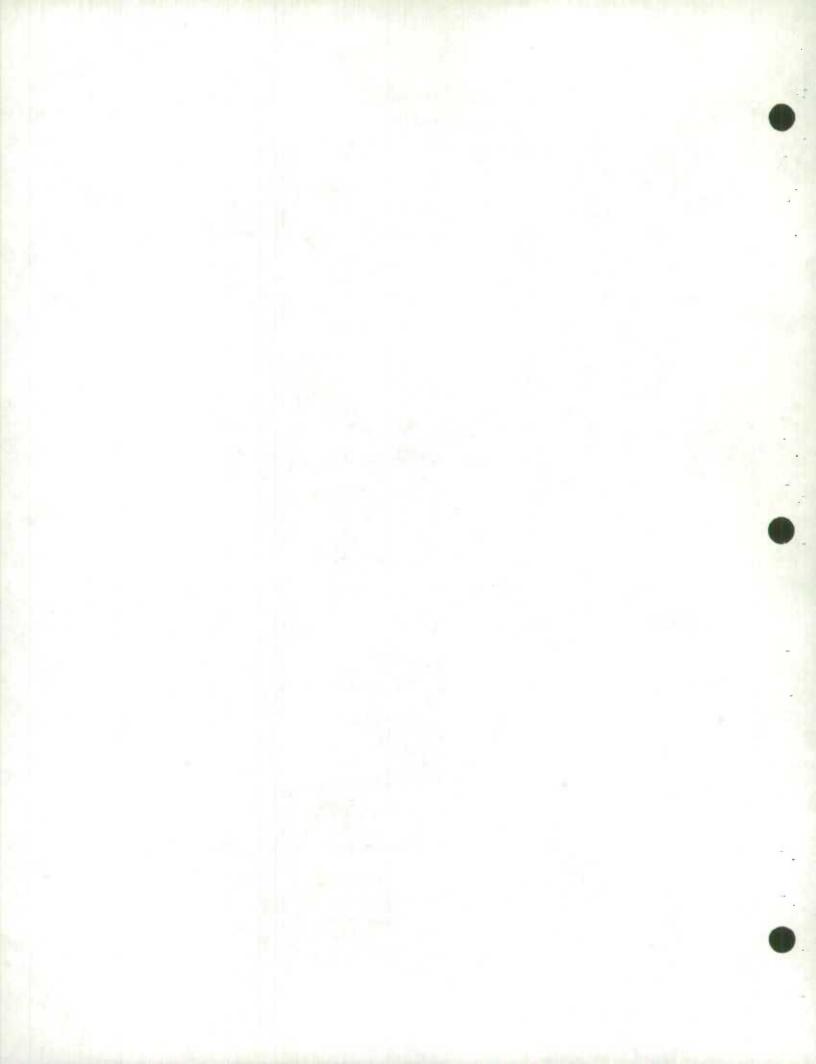


Table 2: Summary of Agreement between STC and RCT coding at the Major Group level (Controling for STC Coding)

Major	Group	Agreement	Maj	or	Group	Agreement
C. Logging Forestry	04	84%	н.	Communication	48	84%
Service	05	47%		Other Utility Ind.	49	43%
D. Mining	06	67%	Ι.	Farm Prod, Ind.(W)*	50	
Crude Petroleum	07	9%		Petroleum Prod. Ind.(W)	51	74%
Quarry and Sand	08	46%		Food, Bevr, Drug,(W)	52	37%
Service to Mineral	09	62%		Tobacco		
E. Food Ind.	10	12%		Apparel and Dry Goods (W)	53	31%
Beverage Ind. Plastic Ind.	16	56%		Household Goods(W) Motor Vehicle,	54	9%
Leather and Prod.	17	52%		Part (W) Metals, Hard-	55	20%
) L n		ware Planting (W)	56	12%
Prim. Textile		200/		Machinery Equip.(W)	57	29%
Textile Prod. Clothing Ind.		29% 43%		Other Prod. Ind.(W) Food. Bevr.	59	44%
Wood Ind.	25	45%		Drug (R)** Shoe App.,	60	87%
Furniture,	26	51%		Fab.(R) Household Furn.	61	82%
Paper and				(R)	62	75%
Prod.	27	11%		Automotive Vehicles (R)	63	94%
Publ.	28	79%		General Merch.	64	79%
Primary Metal Fab. Metal		79%		Other Stores (R)	65	84%
Metal Prod. Machinery Ind.	30 31	25%		Non-Stores (R)	69	23%
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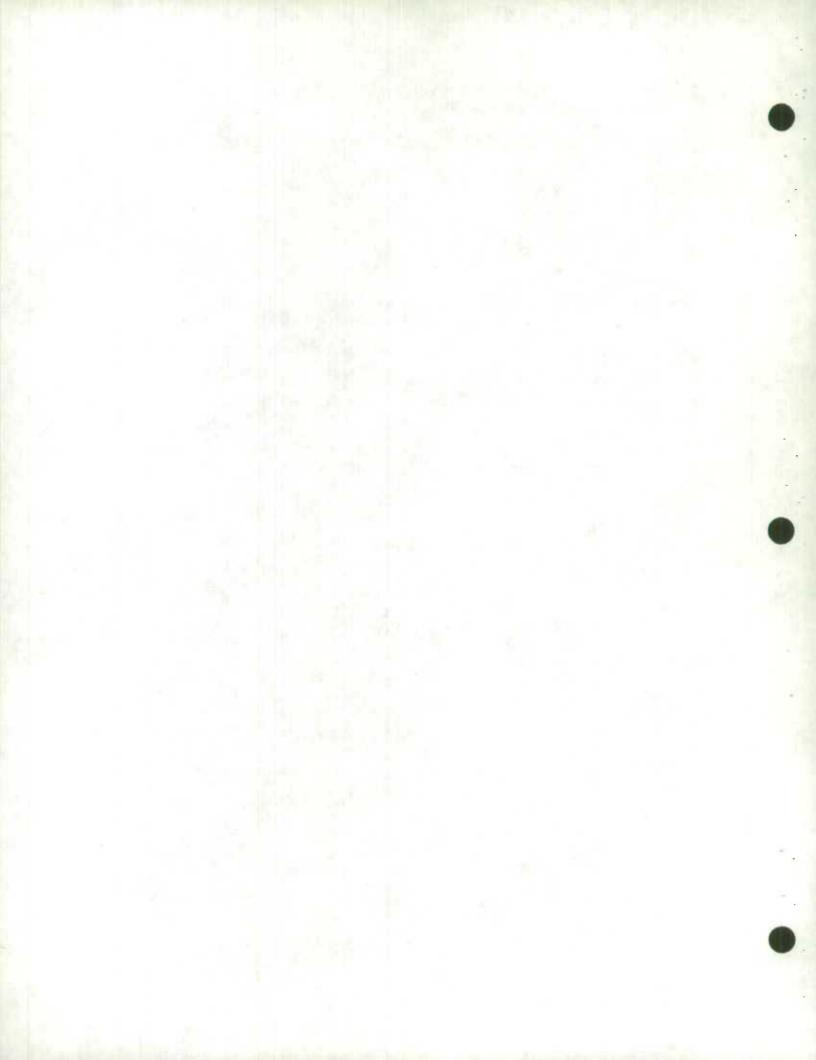
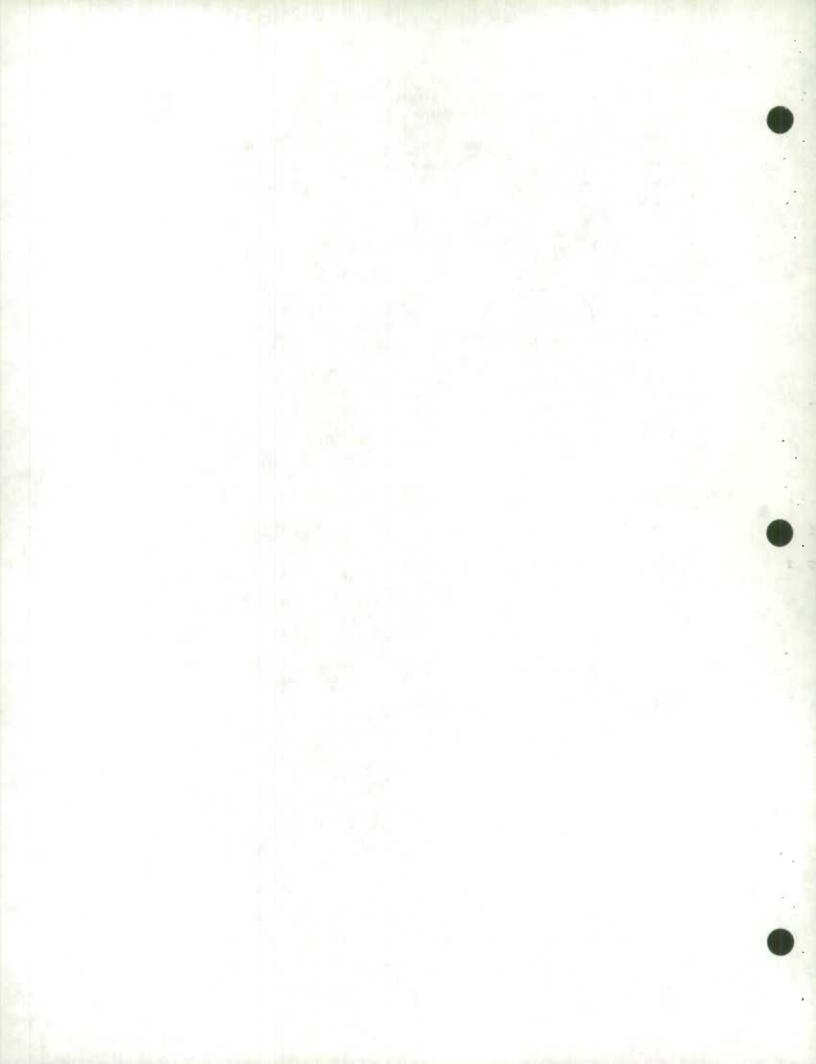


Table 2: Summary of Agreement between STC and RCT coding at the Major Group level (Controling for STC Coding) - Continued

Major		Grou	Agreement	Ma	jor	Group	Agreement
In		31	25%				
In Elec	uip. d. trical	32	53%	Κ.	Invest. Inter. Other Inter.	72 74	 85%
tr	d Elec- onic Metalic	33	28%	L.	Real Estate Ind.	75	22%
	od.	35	29%		Inn. and Real Estate	76	53%
Ch	ical and emical						
	od.	37	60%	М.	Business Ser- vice Ind.	77	78%
Othe In	r Manuf. d.	39	21%	0.	Educational Service Ind.	85	82%
Ind'	ding, vel. l and avy	40	77%	Р.	Health and Social Ind.	86	89%
ti	nstruc- on	41	45%	Q.	Accomodation serv.	91	82%
	e Con- acting	42	85%		Food and Bever-	92	93%
Serv	ice Ind.	44	4%	R.	Amusement and Recr.	96	83%
ti	sporta- on Ind.	45	92%		Personal and Household	97	91%
	age and reHousing	47	33%		Membership Org. Other Service	98	
					Ind.	99	75%
TOTAL:	67%	*	(W)Wholesale		** (R)Retail		



An alternative way of evaluating the discrepancies between the industrial classification codes of the two files is by measuring the impact of the coding differences when tabulating the same variables according to the two sets of codes. This type of analysis (table 3) was carried out using Gross Business Income as the variable to be summed up by major division appearing on the two files.

According to Table 3, the largest percentage discrepancies occur in industries that account for a small fraction of the total business activity. The three largest industries i.e. construction, retail trade and accommodation show a very close agreement (percentage difference below 5%). There are, however, a few industries with relatively high weight such as manufacturing and wholesale that differ by as much as 30% inbusiness income, suggesting that using the COMSCREEN file instead of the Combined. Master will give significantly different totals in some major divisions.

Table 3 shows the two sets of totals as well as the percentage difference between the totals due to the discrepancies in SIC coding.

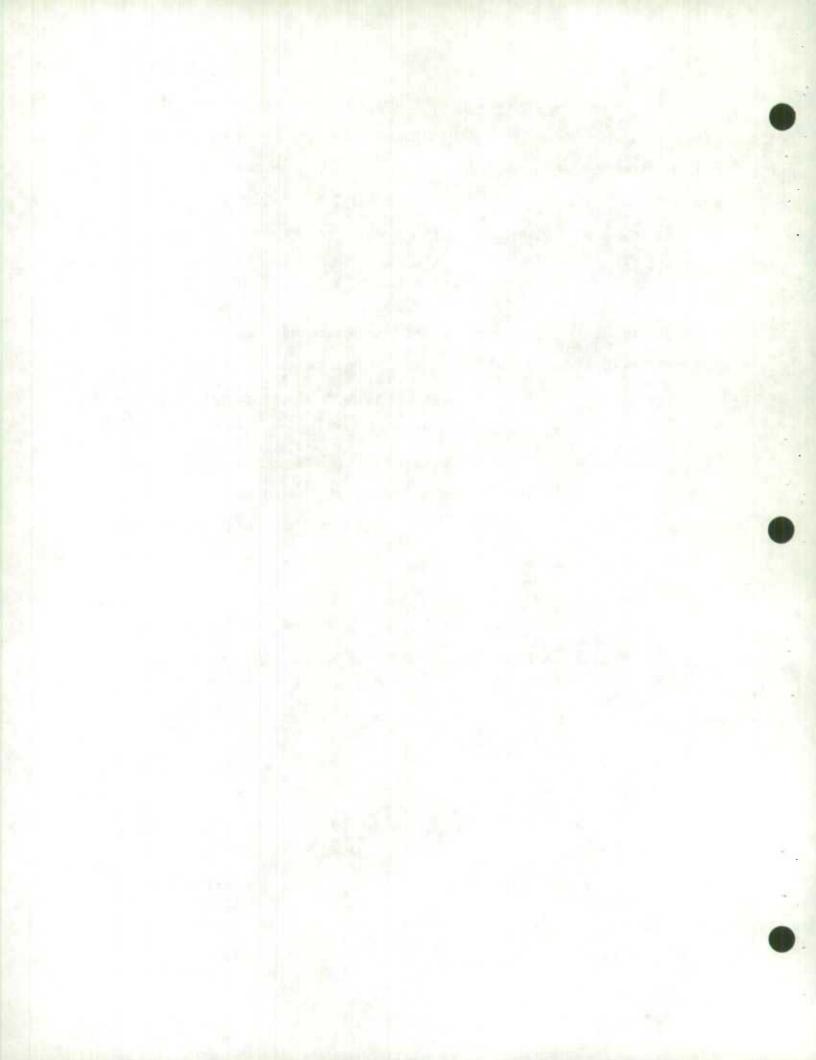


Table 3: Sum of GBI by STC and R.C. Major Division (in \$000's)

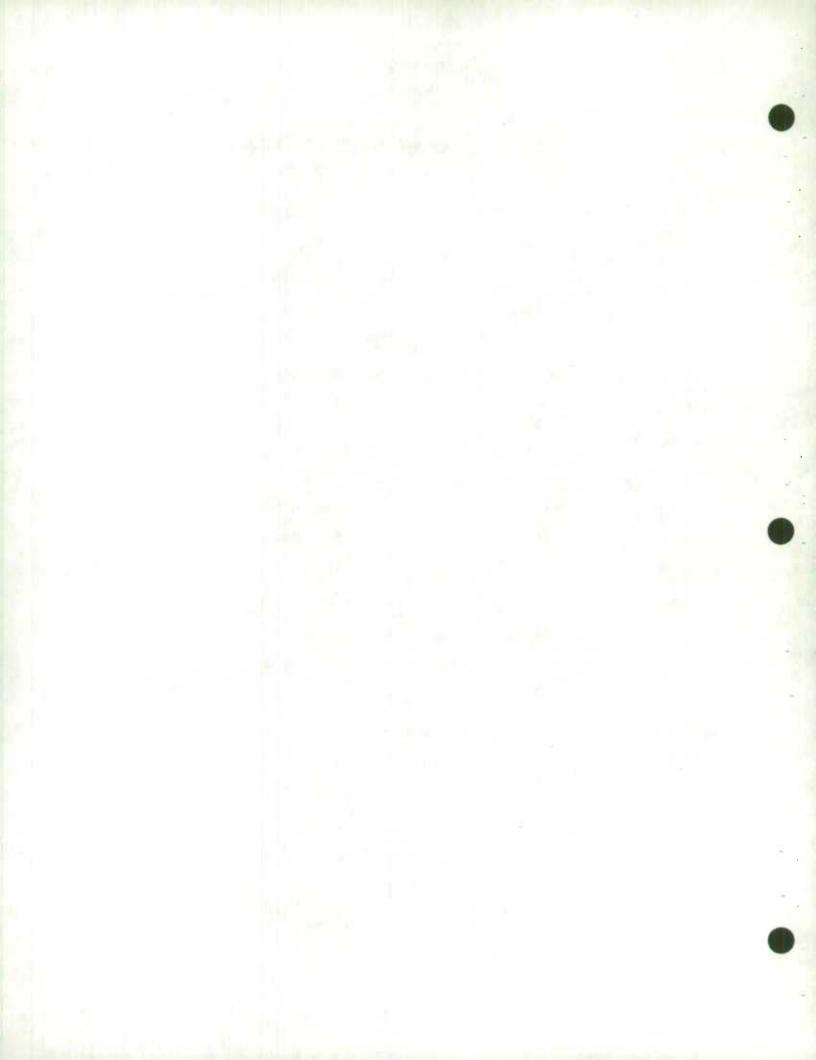
Major Division	Sum using	Sum using	Percentage
	STC SIC coding	RCT SIC coding	difference
Agriculture	38,239	69,910	+ 82.8
Fishing	1,756	4,320	+ 146.0
Logging and Forestry	144,237	136,290	- 5.5
Mining	13,962	16,155	+ 15.7
Manufacturing	394,788	264,338	- 33.0
Construction	1,667,841	1,681,853	+ .8
Transportation	640,735	736,606	+ 14.9
Communication	32,103	42,221	+ 31.5
Wholesale	367,504	252,745	- 31.2
Retail	4,185,043	4,432,538	+ 5.9
Finance and Insurance	26,163	34,535	+ 31.9
Real Estate	130,671	75,310	- 42.3
Business Service	123,375	140,222	+ 13.6
Educational Service	11,285	20,553	+ 82.1
Health and Social	46,827	61,803	+ 31.9
Accommodation	910,086	901,524	9
Other services	591,518	669,773	+ 13.2
Zeroes	369,327	154,601	- 58.1



2. GEOGRAPHY

Area codes are identifiers which are associated with the units of an area system. For each set of spatial units which comprise an area system, there may be one or more set of area codes. The standard geographical classification code (SGC) is one of many possible sets of area codes which may be applied to provinces, census divisions, and census subdivisions, the SGC can be broken up into several components, the first two of which are the province code and census division codes within province. Census division is a general term applying to countries, regional districts, regional municipalities, and five other types of geographical areas made up of groups of subdivisions.

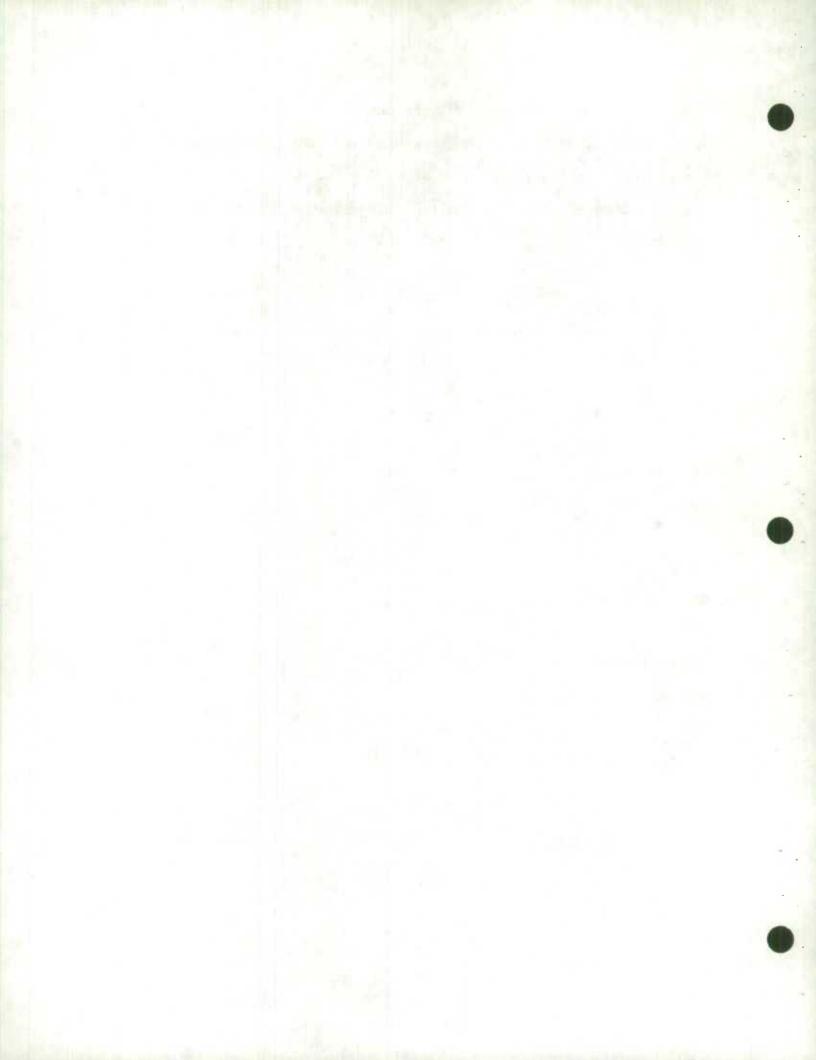
In the present context, census divisions will be the small areas of interest. In order to obtain census codes from the COMSCREEN file, there are three address sources which can be converted into these codes. There are: the file's address, the filer's postal code and the locality code. the locality code is a five digit code assigned by Revenue Canada. The first three digits identify province, country or census division and selected larger municipalities. The last two digits identify the municipality within the country or census division bands on the SGC. These address sources are also found on the Combined. Master file. There are an additional two address sources transcribed on the Combined.Master file which are not found on COMSCREEN: These are the business address and the business postal code. Since the small area estimates must refer to business activity and that the census divisions on the COMSCREEN file can be assigned only using the tax filer's address or locality code, it is of interest to address how close the business address is to the filer's address.



In order to determine the level of agreement between these different sources, some 200,000 records on the Combined.Master file were processed through conversion tapes which would assign an SGC to each of the five existing address sources. The correspondance at the provincial and census division level is provided in the following table:

Table 4: Level of Agreement for assigning SGC codes from different address sources.

Source for Comparison	Number of Records	Provincial Agreement	Census Division Agreement	
1. Business Postal Code vs Business Address	10627	0.998	0.984	
2. Business Postal Code vs Filer's Postal Code	13977	0.994	0.953	
3. Business Postal Code vs Filer's Address	12443	0.994	0.949	
4. Business Postal Code vs Locality Code	11452	0.994	0.948	
5. Business Address vs Filer's Postal Code	45682	0.995	0.936	
6. Business Address vs Filer's Address	47833	0.996	0.949	
7. Business Address vs Locality Code	42673	0.994	0.942	
8. Filer's Postal Code vs Filer's Address	150130	1.000	0.991	
9. Filer's Postal Code vs Locality Code	140842	0.998	0.980	
10. Filer's Address vs Locality Code	139344	0.998	0.998	

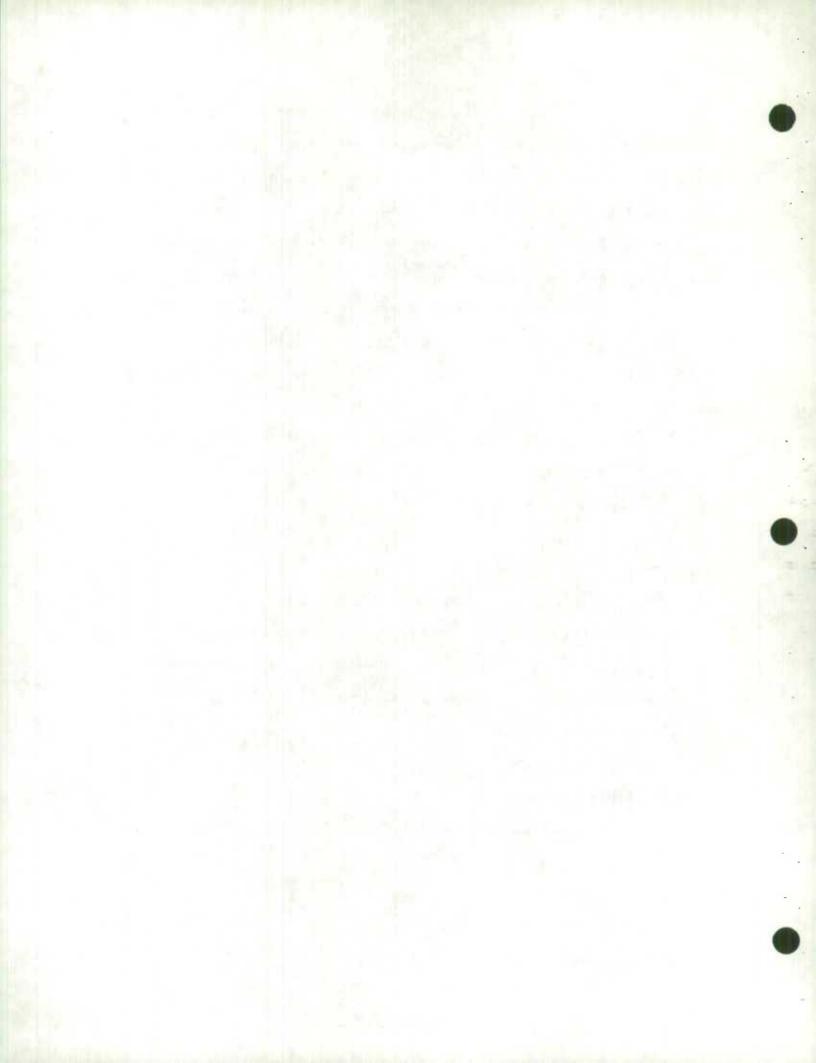


As can be noted from table 4, the level of agreement between the different address sources is very good for provinces. For census divisions, the level of agreement, although lower than the one obtained for provinces, is also quite good. The filer's address seems to be as good a proxy as the locality code for obtaining the census division given that the business address is regarded as the best source. The correspondance between the addresses and their associated postal codes for assigning a census division code is quite good. For COMSCREEN there is a filer's postal code for 90% of the records, a filer's address for 99.9% of the records and a locality code for 99.9% of the records. Almost all records on the COMSCREEN file could be assigned a census division code based on filer's address and this code would be a good proxy for the one that would have been obtained if a business address had been available.

3. DATA ELEMENTS

There are a number of variables on the COMSCREEN file which may be used to either obtain estimates on income, counts of businesses within specified small areas or auxilliary information to predict some variables of interest. There are a number of variables on the COMSCREEN file which have identical values to those on the Combined.Master. These are:

- i) Gross Business Income
- ii) Net Business Income
- iii) Gross Professional Income
- iv) Net Professional Income
- v) Gross Commission Income
- vi) Net Commission Income
- vii) Gross Farming Income



- viii) Net Farming Income
 - ix) Gross Fishing Income
 - x) Net Fishing Income
 - xi) Gross Rental Income
 - xii) Net Rental Income

These fields are probably originating from the same source, the Self-Employed Income File (SEIF) and it is for this reason that they are identifical between the two files.

Revenue Canada and Statistics Canada transcribe similar types of data from the T1 tax returns and their associated financial statements into the COMSCREEN and Combined.Master files respectively. On the COMSCREEN file, these items are known as sales, gross profit, capital cost allowance, net profit and tax payer's share of partnership of net profit. The corresponding items on the Combined.Master file are known respectively as gross income total, gross profit, depreciation total, net profit or loss and filer's share of net profit or loss. Some relevant definitions for these fields are provided in table 5.

Distribution of ratios were obtained using the following variables from the Combined.Master: Gross Business Income, Principal Income, Gross Profit,

Depreciation Total, Net Profit, Partnership'share, Total Business Income and comparing them to the following variables from the COMSCREEN file:

Sales, Gross Profit, Capital Cost Allowance, Net Profit, Tax payer'share of partnership of net profit. A brief summary of the comparisons are provided in the following table, with more extensive summaries provided in tables 6 through to 13. (see appendix).

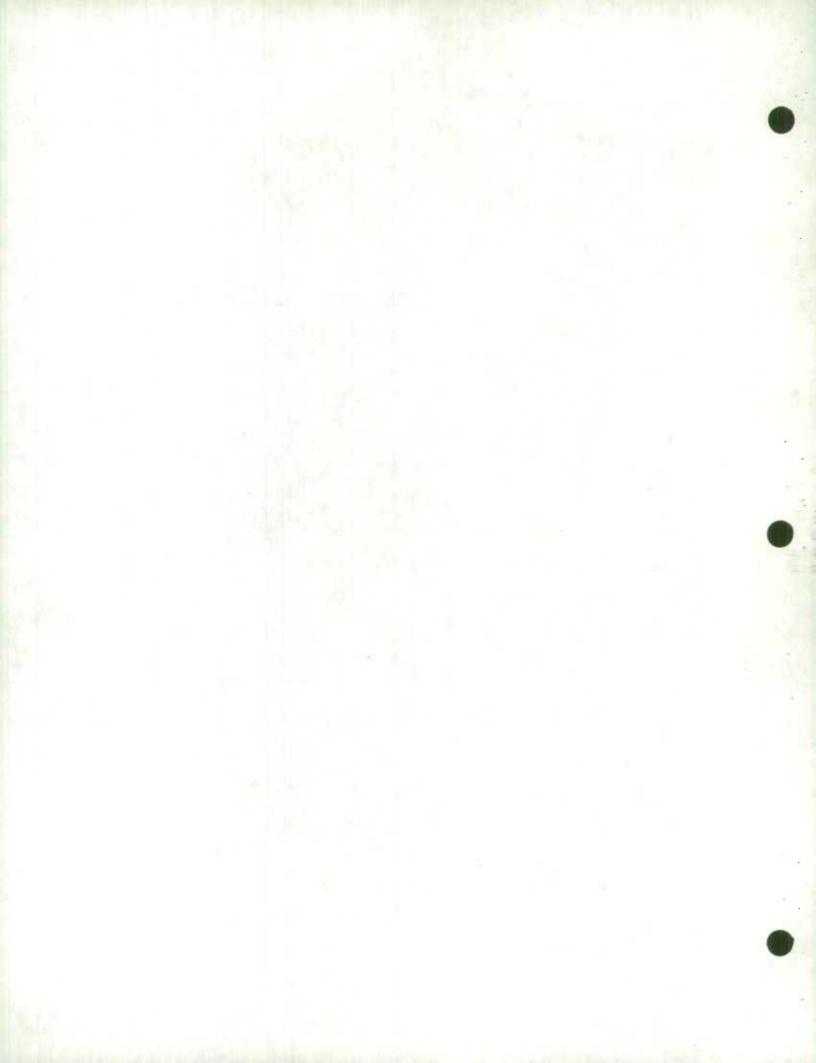


Table 5: Definition of Selected Economic Variables on the COMSCREEN and Combined, Master File

COMSCREEN

Sales: Total income or gross revenue that a business earns during the year. These include income items before expenses.

Gross Profit:

Gross profit on sales reported by the business. It is equal to income minus direct costs. It is also called gross margin or gross operating profit. Capital Cost Allowance: This is the income tax term for depreciation. Tax payers can claim a decrease in the value of assets, as an expense incurred in the operation

Net Profit:

of a business.

Amount of income that remains after business expenses and costs are deducted from the business income.

T/P's Share of Partnership of Net Profit:

Amount of income that remains after business expenses and costs are deducted from the business income.

COMBINED.MASTER

Gross Business Income: Composed of principal income plus other income.

Principal Income:

The figure representing the business largest source of active income including any that is homogeneously related to it.

Other Income:

All secondary activities not homogeneous to Principal Income.

Gross Profit:

Gross profit on sales reported by the business.

Depreciation Total: This is the sum of direct depreciation and indirect depreciation which include each items as amortization, terminal loss, depletion.

Net Profit:

Amount shown as profit or loss before taxes and/or extraordinary items. It is the difference between gross profit and indirect costs.

Filer's Share of Net Profit or Loss:

Tax filer's share of the profit loss in a partnership of joint venture.

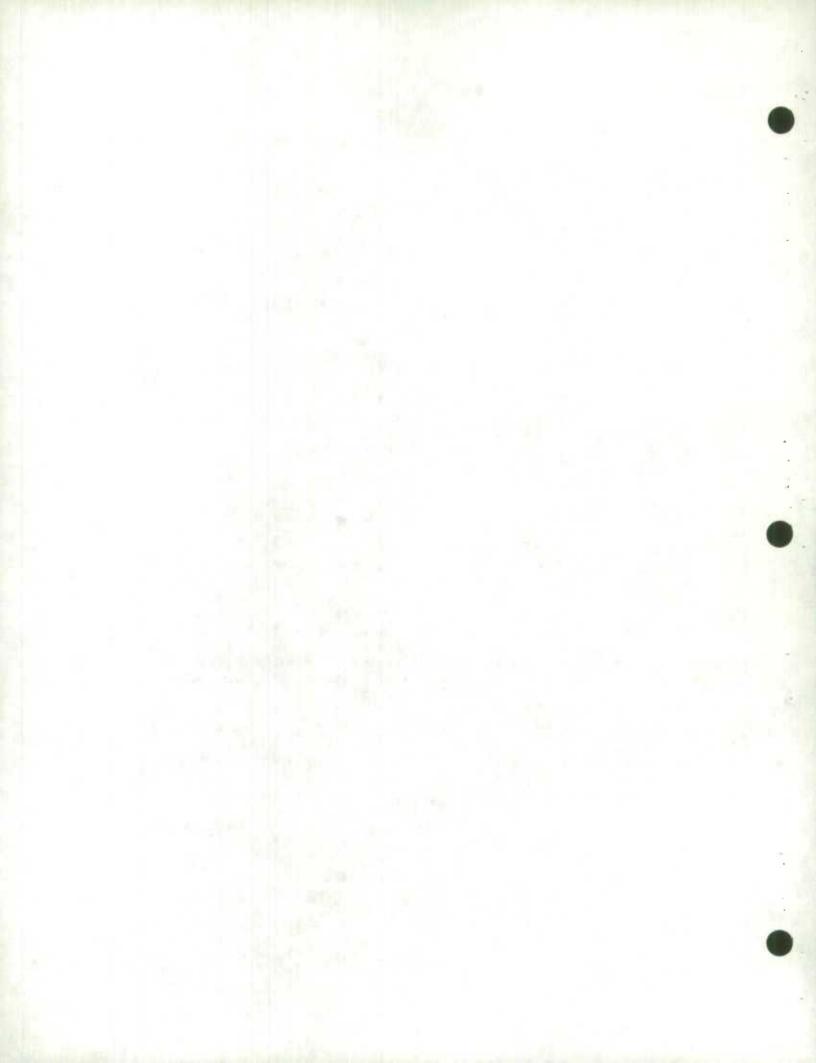
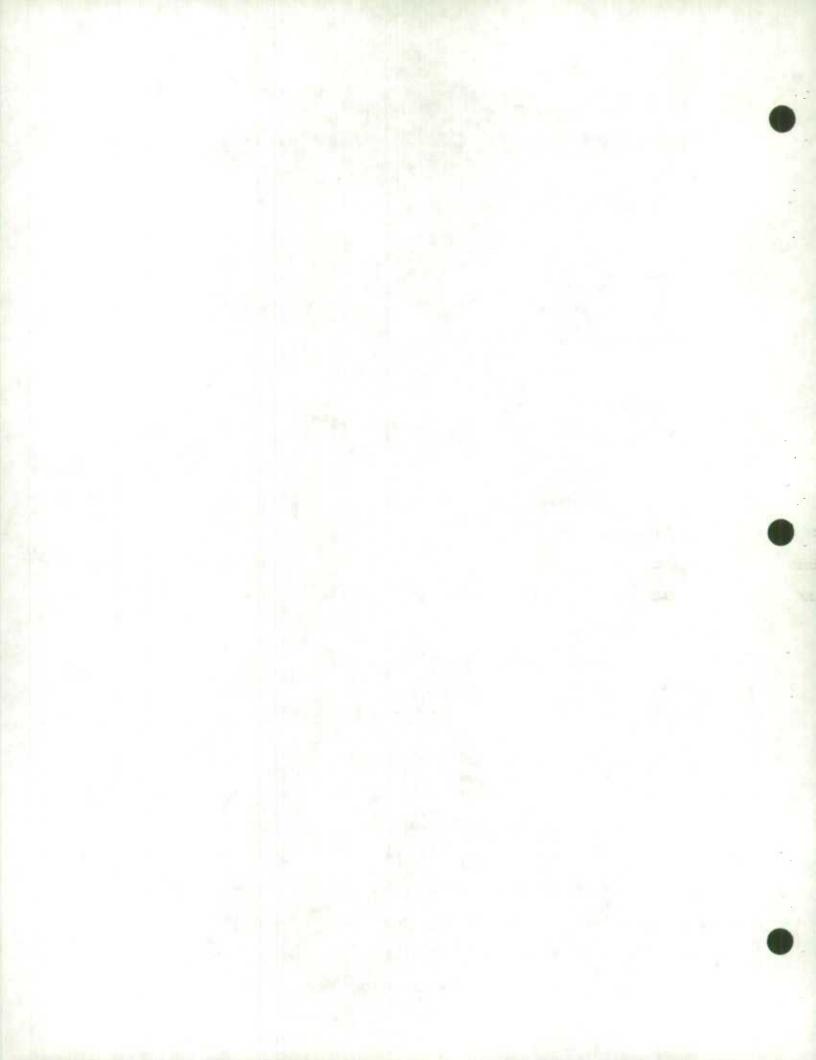


Table 6: Summary of distribution of ratios for selected variables from the Combined.Master (STC) and COMSCREEN (RCT).

COMPARISONS	RANGE 0.9 Including Zeroes	to 1.1 Excluding Zeroes
1. Gross Business Income (STC)		
vs Sales (RCT)	92%	98%
2. Principal Income (STC)		
vs Sales (RCT)	90%	95%
3. Gross Business Income (STC)		
vs Total Business Income (SEIF)	97%	97%
4. Gross Profit		
vs Gross Profit (STC)	87%	89%
5. Depreciation (STC)		
vs Capital Cost Allowance (RCT)	85%	91%
6. Net Profit (STC)		
vs Net Profit (RCT)	82%	87%
7. Partnership'share (STC)		
vs Partnership'share (RCT)	92%	96%
8. Total Business Income (SEIF)		
vs Sales (RCT)	91%	96%

The distribution of ratios between 0.9 and 1.1 provided for the above pairs of variables show that their agreement is quite good. Two measures of agreement are provided for this range. One (including zeroes) where zeroes for one of the variables in the pair is allowed to enter into the computation of the ratio. The other (excluding zeroes) where only non-zero entries for both variables are allowed to enter into the computation of the ratio. The strict exclusion of zeroes from both pairs of variables is probably a better measure of agreement than the alternative measure of agreement (including zeroes).

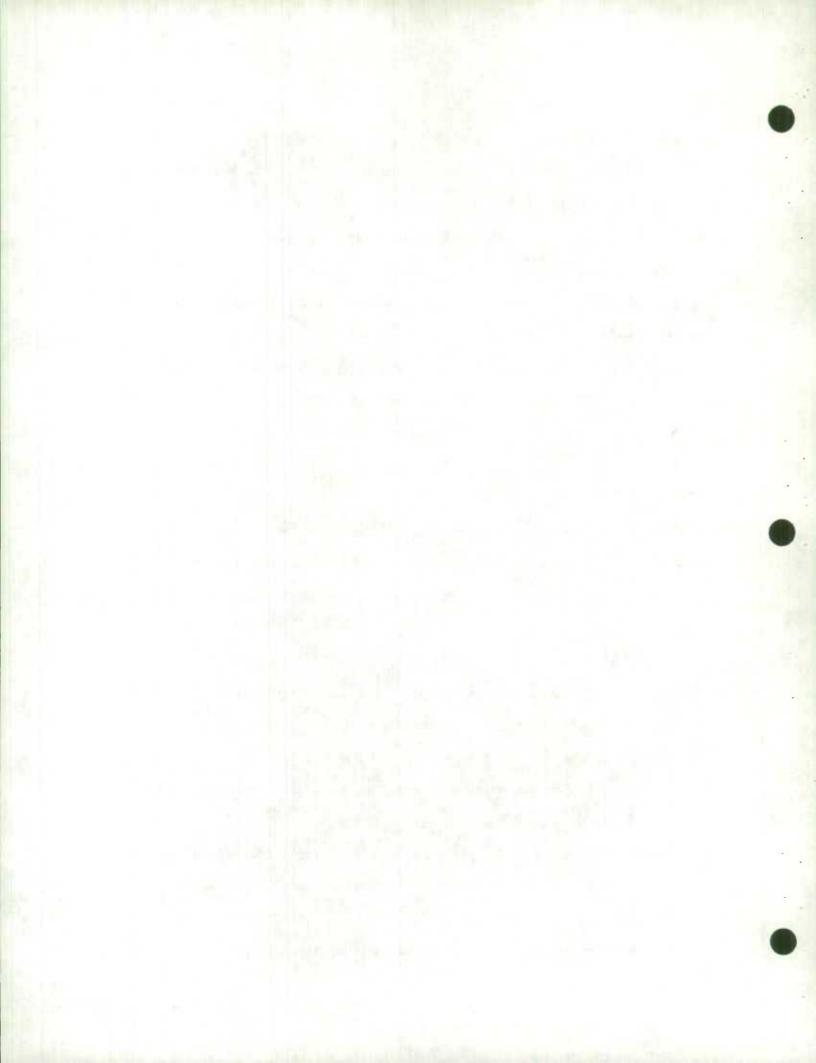


More detailed tables of the distribution of the ratios of these variables are provided in tables 3 through to 10 of the Appendix. These ratios are computed for pairs of the variables where either of the entries could be zero but not both. If the denominator of the ratio is zero, the ratio is automatically set to greater than 2.00. An approximately equal class was created to include all ratios which were within five units of each other and which belonged to the interval 0.99 to 1.01. Each table of the frequency of the ratios is also accompanied by a two-way table which cross tabulates the number of zero and (non-zero) entries for the pairs of the variables considered. From these associated tables, one observes the frequency that an entry was entered on the Combined.Master and not on the COMSCREEN and vice-versa.

4. Conclusions

After having carried out the comparison of industrial and geographical classification codes as well as the comparison of related economic variables on the Combined.Master and COMSCREEN file, the following conclusions can be drawn:

- 1. There is a relatively good agreement between the two files on industrial classification codes at the major division level (78%). This agreement deteriorates to 68% when the major group level is compared, consequently tabulating income and other variables from the COMSCREEN should not go beyond the 1 digit SIC breakdown.
- 2. On the basis of records that contain both filer's address and business address, it is evident that the business activity takes place in the general location of the residence of the filer as shown by a 95% agreement between the two census divisions corresponding to the



two addresses. Thus tabulating income and wages and salaries according to geographic locations derived from filer's addresses will be basically equivalent to tabulating these economic variables according to the location of the business activity.

3. Concerning the COMSCREEN and Combined.Master economic variables pertaining to the same concept the discrepancies are withing the 10% range for over 90% of the entries, suggesting that totals obtained from the COMSCREEN would come close in value to corresponding totals from the COMBINED.MASTER.

Acknowledgement: The authors would like to express their thanks to Gerry

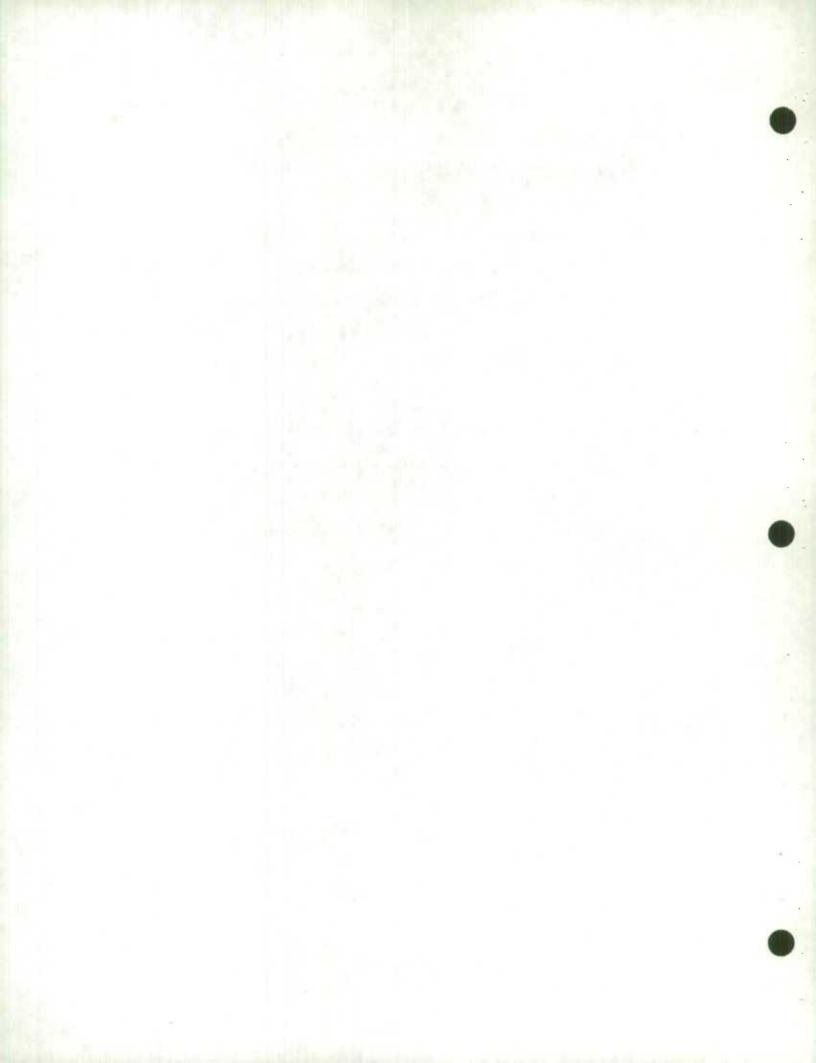
Horner and Conrad Bordeleau of Merchandising and Services

Division, for their work in creating matched COMSCREEN and

Combined files as well as deriving geocodes from the available addresses on the files.

Reference

 Hidiroglou, M. Some Characteristics of SIC Coding between COMSCREEN and the Combined.Master, Statistics Canada report, January 1984.



APPENDIX

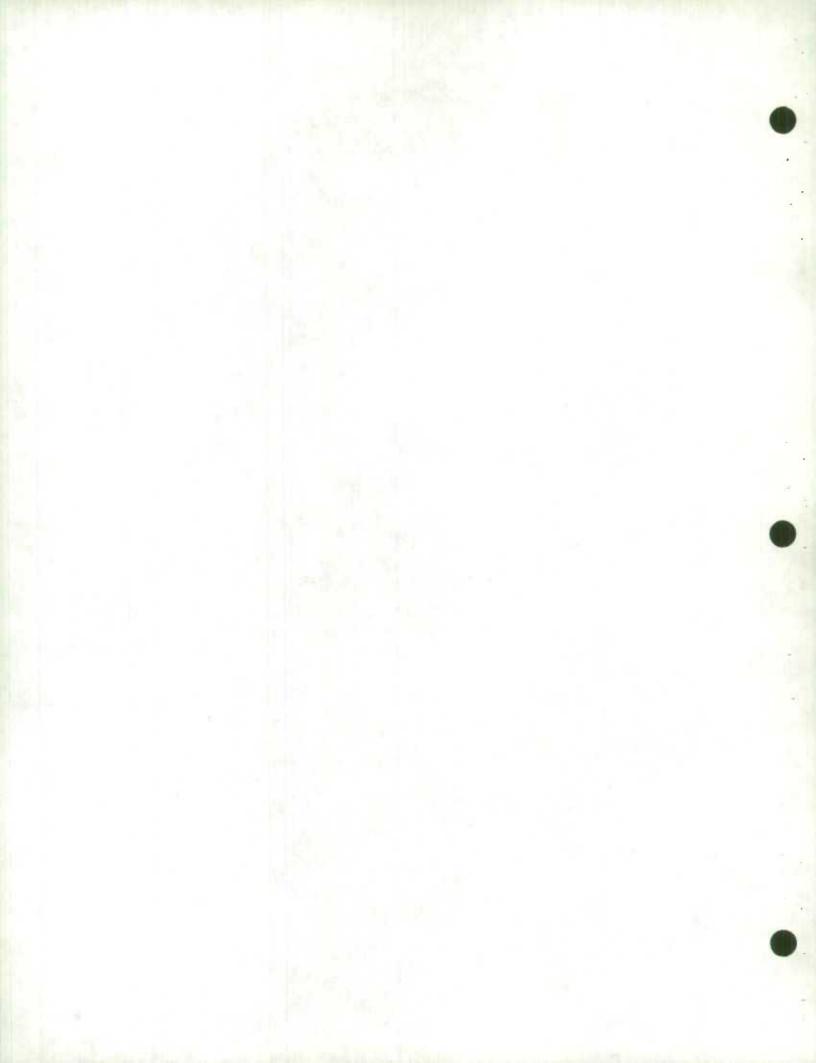


Table 1: Areas of Poor Agreement for Major Divisions (controling for STC SIC coding).

STC	Coded to (RCT)	
C. Logging and Forestry:	Construction: Transportation: Manufacturing: Retail: Not Classified: by RCT	4 % 3.5% 1.7% 2.6% 1.0%
D. Mining:	Construction: Transportation: Wholesale: Finance and Insurance:	1.2% 3.7% 7.3% 5.5%
E. Manufacturing:	Construction: Wholesale: Retail: Health and Social: Other Services: Not Classified by RCT	4.3% 1.7% 28.9% 3.2% 4.2% 1.5%
F. Construction:	Retail: Other Services: Not Classified: by RCT	2.9% 1.8% 1.4%
G. Transportation:	Communication: Wholesale: Other Services: Retail:	1.4% 1.2% 1.3% 0.9%
H. Communication:	Retail Other Services: Construction: Transportation: Not Classified: by RCT	1.8% 3.1% 2.2% 19.1% 1.8%
I. Wholesale:	Agriculture: Manufacturing: Construction: Transportation: Retail:	4.8% 2.1% 2.6% 4.3% 31.8%
J. Retail:	Wholesale: Other Services: Not Classified by RCT	1.3% 1.9% 1.2%

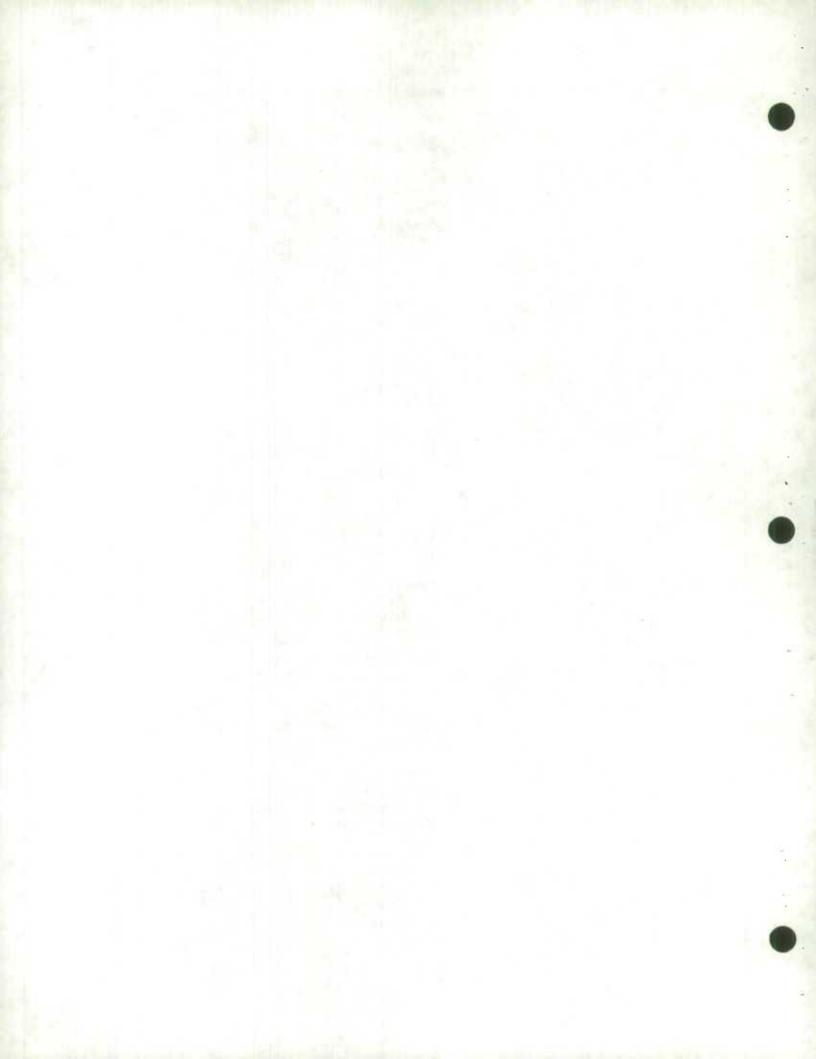


Table 1: Areas of Poor Agreement for Major Divisions (controling for STC SIC coding).

K. Finance and Insurance:	Construction: Real Estate: Not Classified by RCT	3.2% 4.4% 7.3%
L. Real Estate:	Construction: Finance and Insurance Accommodation: Other Services: Not Classified by RCT	30.8% 5.6% 2.4% 10.9% 2.1%
M. Business Service:	Manufacturing: Construction: Retail: Other Services: Not Classified by RCT	2.3% 2.3% 2.9% 5.7% 3.6%
P. Health and Social:	Educational Services: Accommodation: Other Services Not Classified by RCT	1.3% 4.9% 1.2% 1.3%
Q. Accommodation Service:	Retail:	4.4%
R. Other Services:	Construction: Retail: Business Service: Educational Services: Not Classified by RCT:	1.4% 5.0% 2.0% 1.0%



Table 2: Areas of Poor Agreement (less than 50%) for Major Groups (controling for STC STC coding)

STC	Coded to (RCT)		
Forestry Service 05:	Other stores Retail	65*	15.8%
	Logging	04	7.9%
	Wood Ind.	25	5.3%
	Trade Contracting	42	5.3%
	Building Developing	40	5.3%
	Other Service Ind.	99	2.6%
Crude Petroleum 07:	Other Financial Inter.	74	47.8%
	Service to Mineral	09	17.4%
	Trade Contracting	42	13.0%
Quarry and Sand 08	Metals, Hardware, Plumbing: Transportation Ind. Building, Developing Trade Contracting	56 45 40 42	22.8% 8.8% 7.0% 3.5%
Food Ind. 10:	Other Prod, Ind.	59	2.9%
	Food, Bevr.Drug (R)	60	75.5%
Beverage Ind. 11:	Food Ind.	10	28.6%
	Food, Bev. Drug (R)	60	14.3%
	Food and Beverage	92	14.3%
Textile Prod. 19	Clothing Ind.	24	5.1%
	Other Manuf. Ind.	39	12.7%
	Shoe, Apparel Fab (R)	61	11.0%
	Household Furniture (R)	62	13.6%
	Other Stores (R)	65	13.6%
Clothing Ind. 24:	Not Classified	00	4.0%
	Other Manuf. Ind.	39	3.5%
	Shoe, Apparel Fab. (R)	61	27.8%
	Other Stores (R)	65	4.5%
	Personal and Household	97	4.5%
Wood Ind. 25	Furniture and Fixt. Other Manuf. Ind. Other Stores (R) Logging Trade Contracting	26 39 65 04 42	21.2% 2.8% 8.1% 5.2% 6.7%
Paper and Prod, 27	Plastic Ind.	16	11.1%
	Wood Ind.	25	11.1%
	Primary Metal	29	11.1%
	Other Manuf. Ind.	39	22.2%

^{*} Major Group Number



Table 2: Areas of Poor Agreement (less than 50%) for Major Groups (controling for STC SIC coding - Continued

Machinery Ind. 31:	Not Classified	00	14.0%
	Primary Metal	29	7.4%
	Transp. Equip. Ind. Electrical and Elec-	32	11.1%
	tronic	33	7.4%
	Other Manuf. Ind.	39	22.2%
	other hand, ind.	,,	LL . L /0
Electrical and Electronic 33	Primary Metal	29	8.5%
	Other Manuf. Ind.	39	10.6%
	Trade Contracting	42	8.5%
	Household Furniture (R)	62	14.9%
	Other Stores (R)	65	12.8%
Non-Metallic Mineral Prod. 35:	Trade Contracting	42	17.9%
11011 110002220 112110202 1 2001 771	Household Furniture (R)		12.0%
	Other Stores (R)	65	19.7%
	Other Services Ind.	99	9.4%
	other Services Ind.	77	7.4/0
Other Manuf. Ind. 39	Not Classified	00	2.4%
	Clothing Ind.	24	4.3%
	Other Store (R)	65	13.3%
	00101 00010 (11)	0,	12.274
Industrial and Heavy Construction 41	Inc. to Farming	2	3.3%
	Building, Developing	40	13.8%
	Trade Contracting	42	25.7%
	Transportation Ind.	45	3.3%
Service Ind. 44	Not Classified	00	4.4%
	Building Developing	40	70.5%
	Trade Contraction	42	13.8%
Storage and Warehousing 47	Not Classified	00	9.5%
	Food Ind.	10	19.0%
	Other Manuf. Ind.	39	4.8%
	Building, Developing	40	4.8%
	Transportation Ind.	45	19.0%
	Food, Bev. Drug (R)	60	4.8%
Other Utility Ind. 49	Not Classified	00	3.9%
	Transportation Ind.	45	33.5%
	Other Service Ind.	99	4.8%
			4.0%
Food, Bev, Drug (W) 52	Not Classified	00	2.7%
Tobacco	Transportation Ind.	45	14.4%
	Other Prod, Ind. (W)	59	6.6%
	Food, Bev., Drug (R)	60	14.0%
	Non-Stores (R)	69	5.9%
	,		

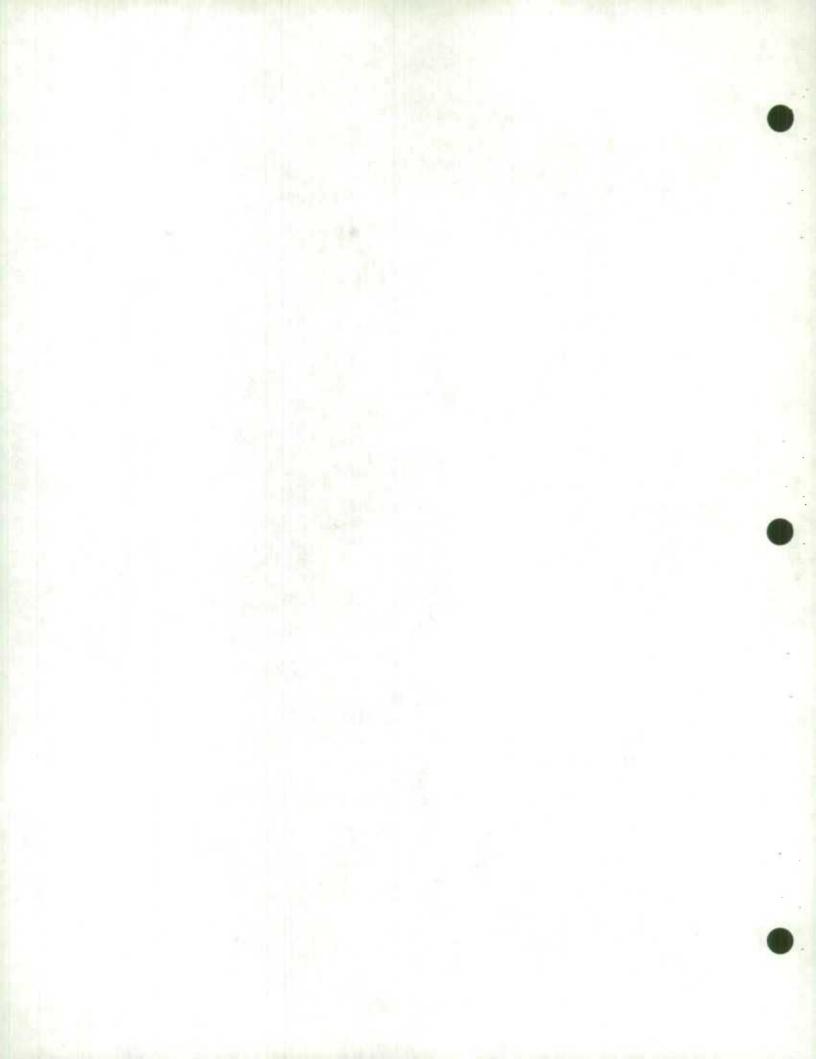


Table 2: Areas of Poor Agreement (less than 50%) for Major Groups (controling for STC SIC coding) - Continued

Apparel and Dry Goods (W) 53	Other Prod, Ind. (W)	59	9.1%
Apparer and dry added (m)	Shoe Apparel, Fab (R)	61	21.6%
	Other Stores (R)	65	14.8%
	Non-Stores (R)	69	4.6%
		99	10.2%
	Other Service Ind.	77	10.2%
Household Goods (W) 54	Not Classified	00	3.6%
Household Goods (#) 54	Household Furniture (R)	62	21.4%
		65	21.4%
	Other Stores (R)		8.9%
	Other Prod, Ind. (W)	59	
	Other Service Ind.	99	8.9%
Motor Vehicle Parts (W) 55	Not Classified	00	4.0%
Motor venicle raits (4) 33	Automotive Vehicles (R)	63	48.4%
	Other Stores (R)	65	9.5%
			6.3%
	Other Service Ind.	99	0.74
Metals, Hardware, Plumbing (W) 56	Not Classified	00	2.8%
Metals, Maldwale, Flambang (11)	Trade Contracting	42	8.0%
	Machinery Equip. (W)	57	3.4%
	Other Stores (R)	65	36.5%
	Non-Stores (R)	69	10.3%
		99	3.9%
	Other Service Ind.	77	2.70
Machinery Equip. (W) 57	Not Classified '	00	2.0%
Hachinery Equip. (117 27	Trade Contracting	42	4.0%
	Other Prod. Ind. (W)	59	2.7%
	Household Furniture (R)		6.8%
	Automotive Vehicles (R)		7.3%
			25.0%
	Other Stores (R)	65	
	Business Service Ind.	77	3.2%
	Other Service Ind.	99	10.5%
Other Prod. Ind (W) 59	Not Classified	00	2.8%
Uther Prod. Ind (W) 37	Transportation Ind.	45	2.8%
	Other Stores (R)	65	16.7%
		99	10.1%
	Other Service Ind.	77	10.1%
Non-Store (R) 69	Not Classified	00	5.0%
Mon-Scote (N) 0)	Transportation Ind.	45	11.7%
	Other Prod, Ind. (W)	59	3.4%
	Food, Bev. Drug (R)	60	7.3%
	Shoe, Apparel, Fab. (R)		4.9%
			5.6%
	Automotive Vehicles (R)		
	General Merch. (R)	64	4.0%
	Other Stores (R)	65	23.3%

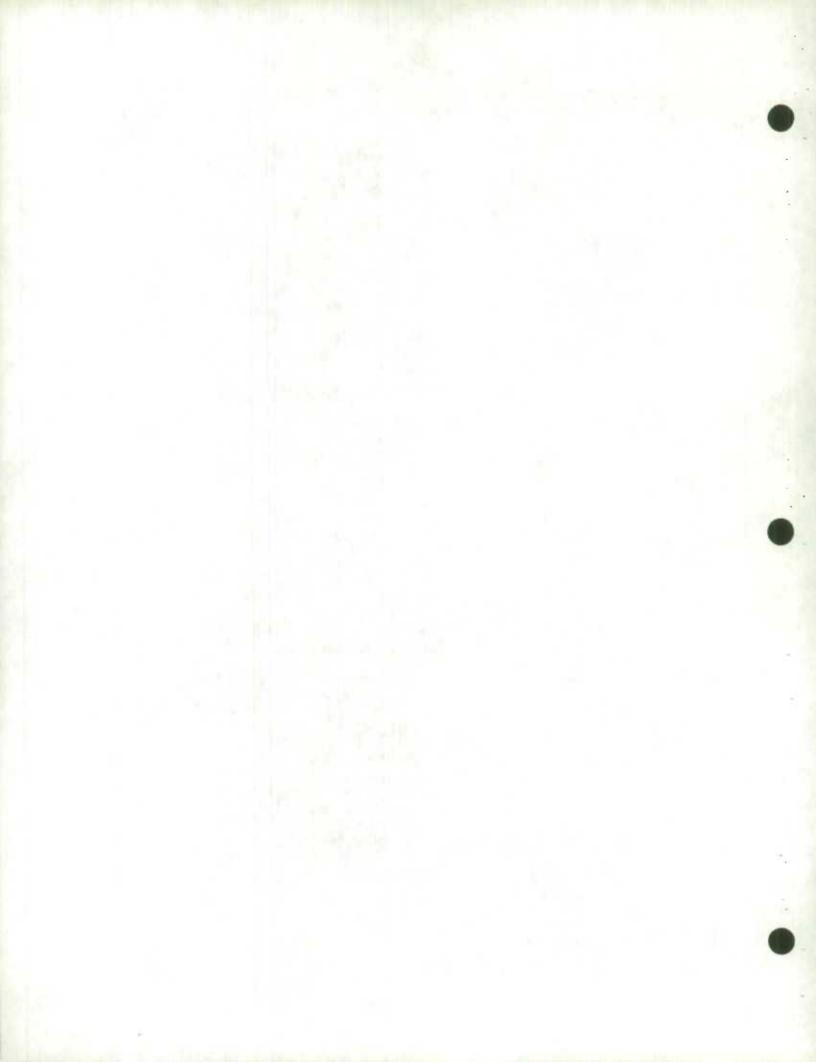


Table 2: Areas of Poor Agreement (less than 50%) for Major Groups (controling for STC SIC coding) - Concluded

Real Estate Ind. 75	Not Classified	00	1.9%
	Building, Developing	40	27.9%
	Service Ind.	44	13.8%
	Other Financial Inter.	74	6.8%
	Ins. and Real Estate	76	17.9%
	Accommodation Service	91	3.2%
	Other Service Ind.	99	2.3%



Table 3: Distribution of ratios for Gross Business Income (GBI - Combined. Master) to Sales (Revenue Canada)

RANGE	FREQUENCY	PERCENTAGE	
1. 40.199	6110	5.840	GBI (STC)
2. 0.2-0.399	44	0.042	0 1
3. 0.4-0.599	74	0.071	0 37 246
4. 0.6-0.799	123	0.118 <u>SALES</u>	
5. 0.8-0.899	163	0.156 (RCT)	1 6030 109680
6. 0.9-0.949	215	0.205	
7. 0.95-0.999	1493	1.427	
8. Approximately equal	85315	81.544	O: Zero entry
9. 1.01-1.049	7483	7.152	1: Non-Zero entry
10. 1.05-1.099	1804	1.724	
11. 1.10-1.199	789	0.754	
12. 1.20-1.399	350	0.335	
13. 1.40-1.999	208	0.199	
14. +2.00	454	0.434	

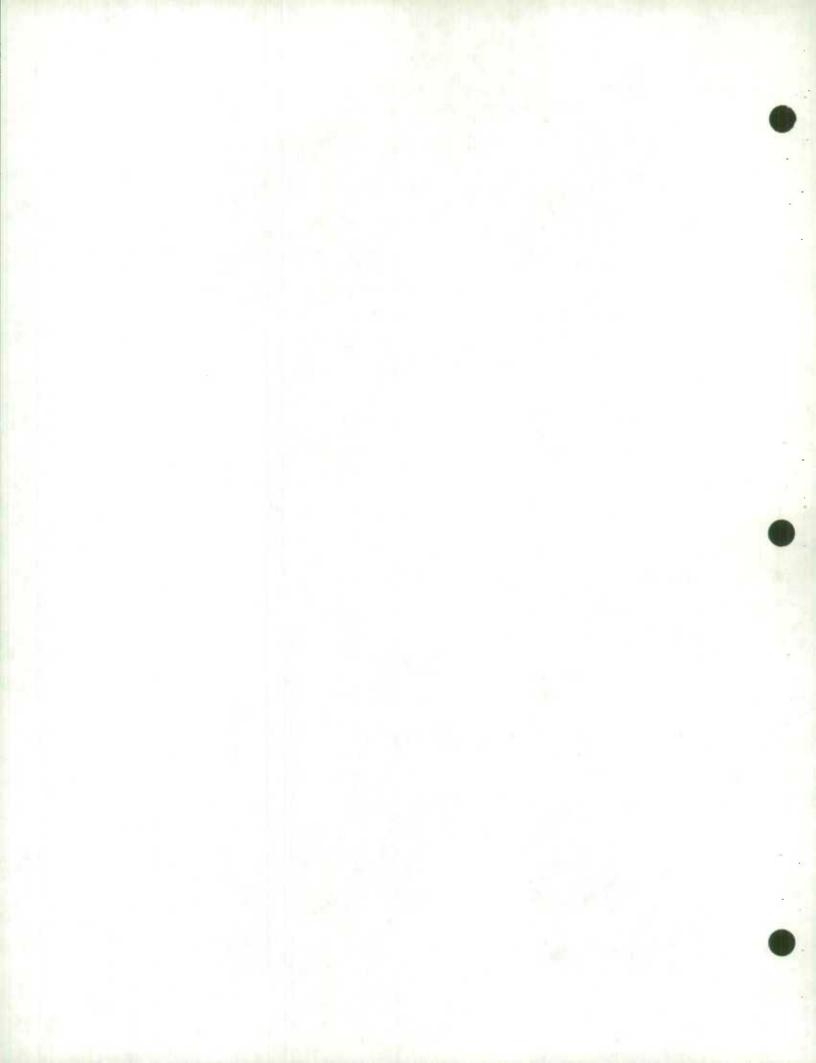


Table 4: Distribution of Ratios for Principal Income (PINC-Combined.Master) to Sales (Revenue Canada).

RANGE	FREQUENCY	PERCENTAGE	
1. 40.199	6119	5.733	
2. 0.2-0.399	98	0.092	
3. 0.4-0.599	508	0.476	PINC (STC)
4. 0.6-0.799	1362	1.276	0 1
5. 0.8-0.899	1643	1.539	0 37 246
6. 0.9-0.949	1821	706 SALES	
7. 0.95-0.999	11339	10.623 (RCT)	1 6030 109680
8. Approximately Equal	78544	73.586	
9. 1.01-1.049	3422	3.206	O: Zero entry
10. 1.05-1.099	843	0.790	1: Non-Zero entry
11. 1.10-1.199	339	0.318	
12. 1.20-1.399	155	0.145	
13. 1.40-1.999	116	0.109	
14. +2.00	428	0.401	

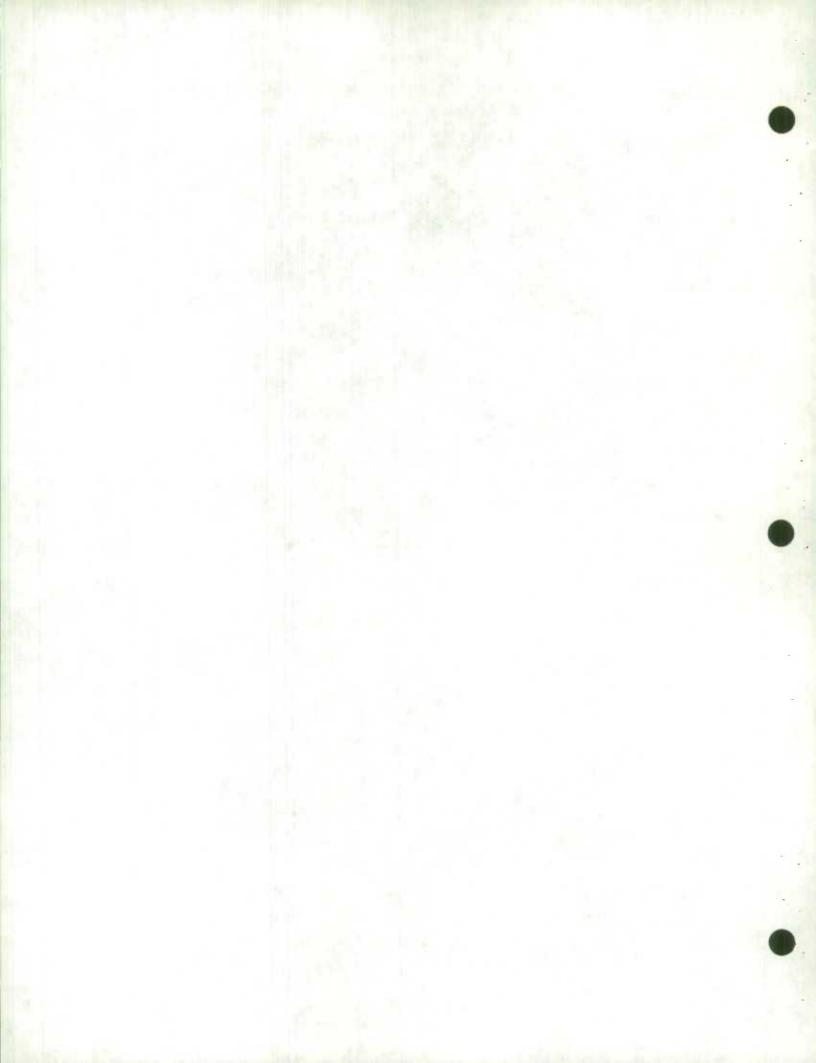


Table 5: Distribution of Ratios for Gross Business Income (GBI-Combined. Master) to Total Business Income (BUSGROS - Combined.Master)

RANGE	FREQUENCY	PERCENTAGE	
1. 40.199	440	0.398	GBI
2. 0.2-0.399	68	0.061	0 1
3. 0.4-0.599	73	0.066	0 5941 5
4. 0.4-0.799	265	0.240	
5. 0.8-0.899	413	0.374 BUSGROS	
6. 0.9-0.949	577	0.374 (SEIF)	1 126 109921
7. 0.95-0.999	2025	1.831	
8. Approximately Equal	97963	88.597	
9. 1.01-1.049	4913	4.443	O: Zero entry
10. 1.05-1.099	1341	1.213	1: Non-Zero entry
11. 1.10-1.199	804	0.727	
12. 1.20-1.399	509	0.460	
13. 1.40-1.999	497	0.449	
14. 72.00	684	0.619	

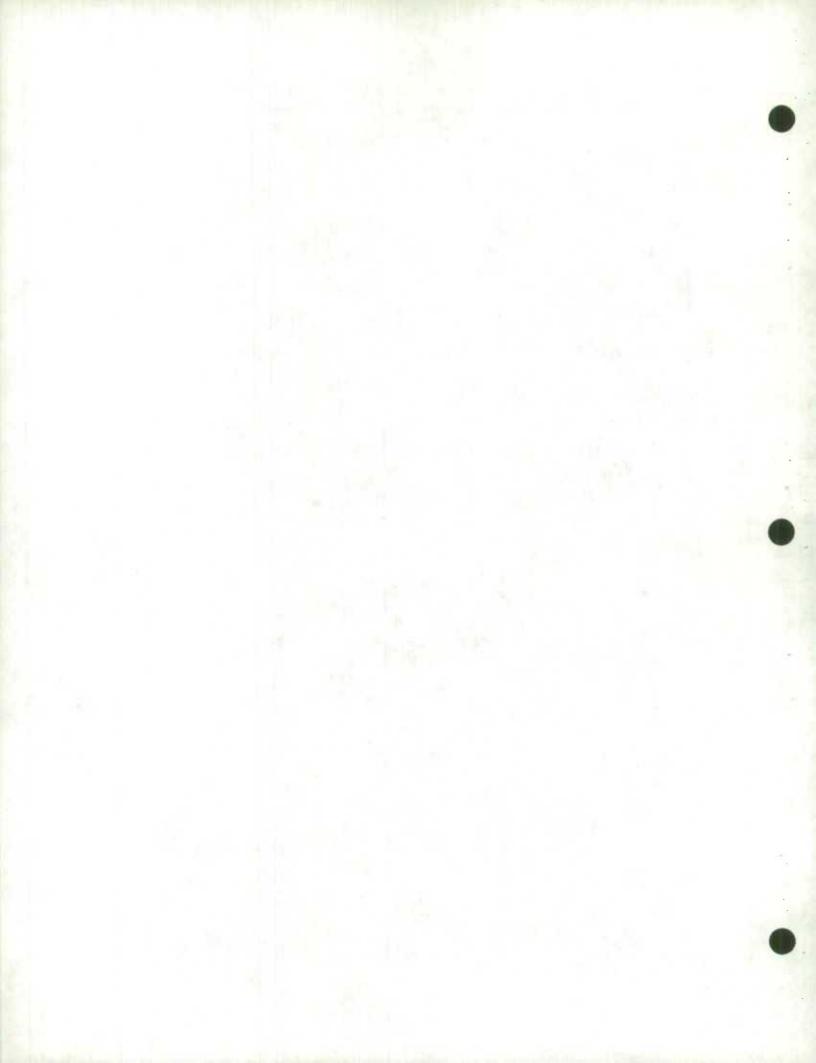


Table 6: Distribution of Ratios for Gross Profit (Revenue Canada) to Gross Profit (Statistics Canada).

	RANGE	FREQUENCY	PERCENTAGE			
1.	€0.199	2529	2.224			
2.	0.2-0.399	36	0.032	Gr	oss Profit	(RCT)
3.	0.4-0.599	56	0.049		0	1
4.	0.6-0.799	229	0.201	0	49652	1526
5.	0.8-0.899	641	0.564 GROSS			
6.	0.9-0.949	972	0.855 PROFIT		2036	62779
7.	0.95-0.999	5578	4.904 (STC)			
в.	Approximately Equal	89353	78.563			
9.	1.01-1.048	1746	1.535	0:	Zero Enti	гу
10.	1.05-1.099	1198	1.053	1:	Non-Zero	Entry
11.	1.10-1.199	1551	1.364			
12.	1.20-1.399	2155	1.895			
13.	1.40-1.999	3571	3.140			
14.	+2.00	4119	3.622			

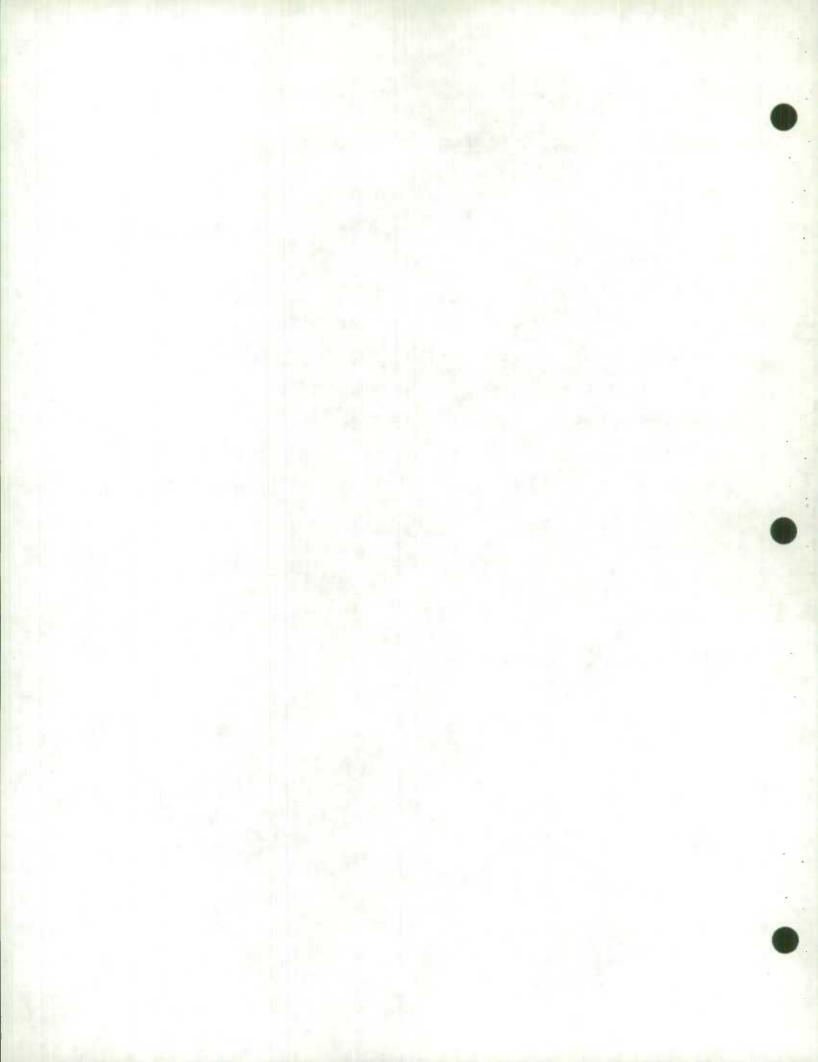


Table 7: Distribution of Ratios of Depreciation (Statistics Canada) to Capital Cost Allowance (Revenue Canada)

RANGE	FREQUENCY	PERCENTAGE
1. 40.199	7369	6.374
2. 0.2-0.399	451	0.390 Depreciation (STC)
3. 0.4-0.599	619	0.535 0 1
4. 0.6-0.799	1048	0.906 <u>Capital</u> 0 21018 1325
5. 0.8-0.899	765	0.662 Cost
6. 0.9-0.949	514	0.445 <u>Allowance</u> 1 6930 86711
7. 0.95-0.999	866	D.749 (RCT)
8. Approximately Equal	94575	81.803
9. 1.01-1.049	918	0.794 D: Zero Entry
10. 1.05-1.099	971	0.840 1: Non-Zero Entry
11. 1.10-1.199	1637	1.416
12. 1.20-1.399	2297	1.987
13. 1.40-1.999	1299	1.124
14. +2.00	2284	1.976

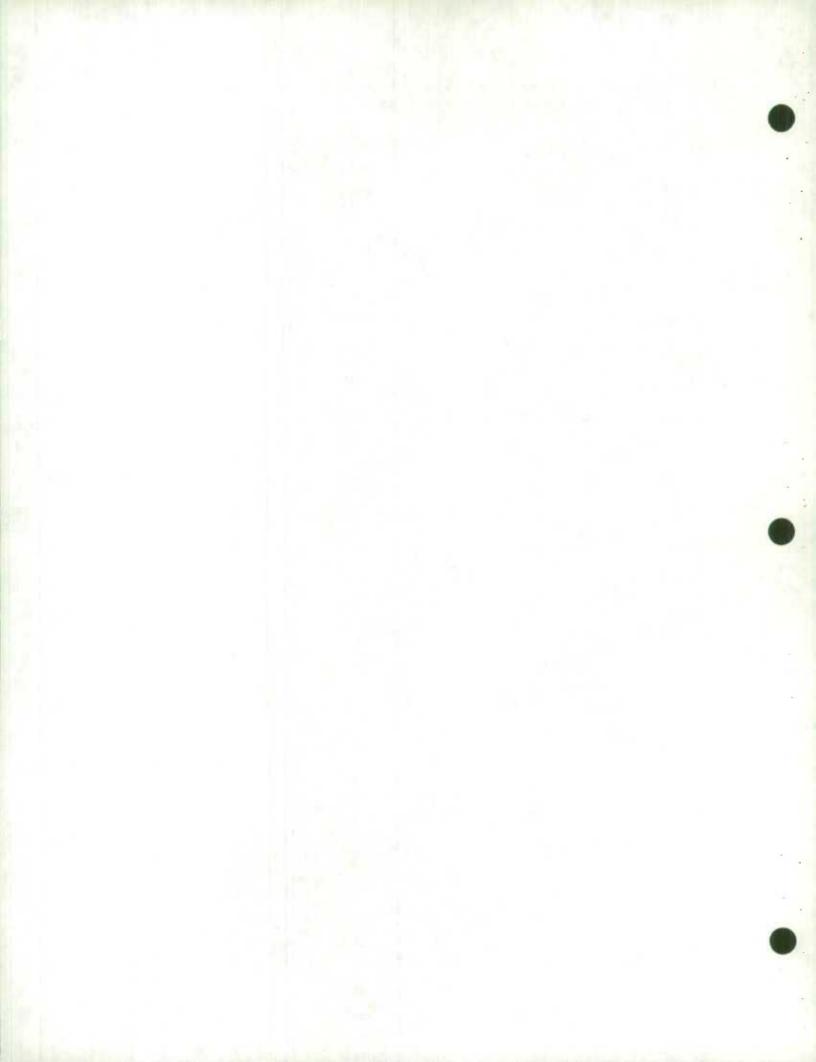


Table 8: Distribution of Ratios of Net Profit (Statistics Canada) to Net Profit (Revenue Canada).

RANGE	FREQUENCY	PERCENTAGE
1. 40.199	8519	7.572
2. 0.2-0.399	735	0.653 Net Profit (STC)
3. 0.4-0.599	1257	1.117 0 1
4. 0.6-0.799	1972	1.753
5. 0.8-0.899	2253	2.002 Net Profit 0 13907 790
6. 0.9-0.949	2366	2.103 (RCT)
7. 0.95-0.999	4819	4.283 1 6382 94914
8. Approximately Equal	77676	69.038
9. 1.01-1.049	5051	4.489
10. 1.05-1.099	2219	1.972 O: Zero Entry
11. 1.10-1.199	1726	1.534 1: Non-Zero Entry
12. 1.20-1.399	1297	1.153
13. 1.40-1.999	1143	1.016
14. +2.00	1479	1.315

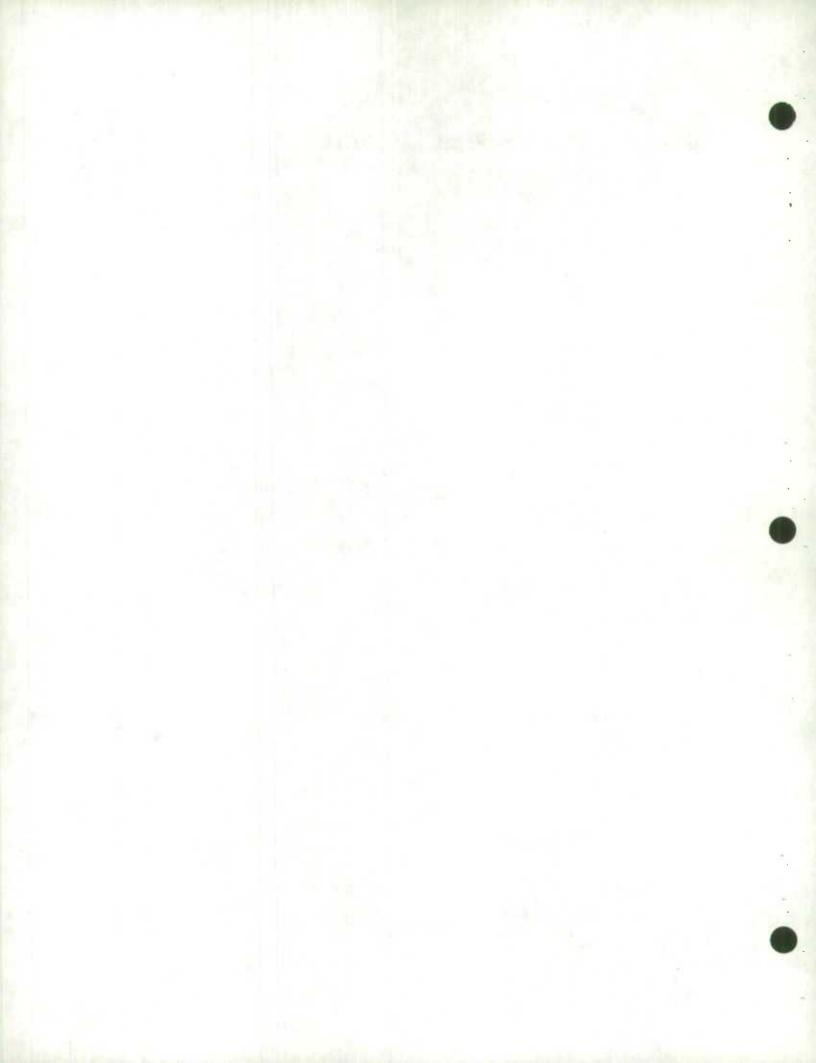


Table 9: Distribution of Ratios of Partnership Share (STC) to Partnership Share (RCT).

RANGE	FREQUENCY	PERCENTA	AGE
1. 40.199	5026	4.382	
2. 0.2-0.399	249	0.217	Partnership Share (STC)
3. 0.4-0.599	488	0.425	0 1.
4. 0.6-0.799	691	0.602	Partnership 0 82371 561
5. 0.8-0.899	743	0.648	Share (RCT)
6. 0.9-0.949	672	0.586	1 3883 29178
7. 0.95-0.999	1516	1.322	
8. Approximately Equal	100569	87.680	O: Zero Entry
9. 1.01-1.049	1868	1.629	1: Non-Zero Entry
10. 1.05-1.099	751	0.655	
11. 1.10-1.199	522	0.455	
12. 1.20-1.399	419	0.365	
13. 1.40-1.999	372	0.324	
14. +2.00	814	0.710	

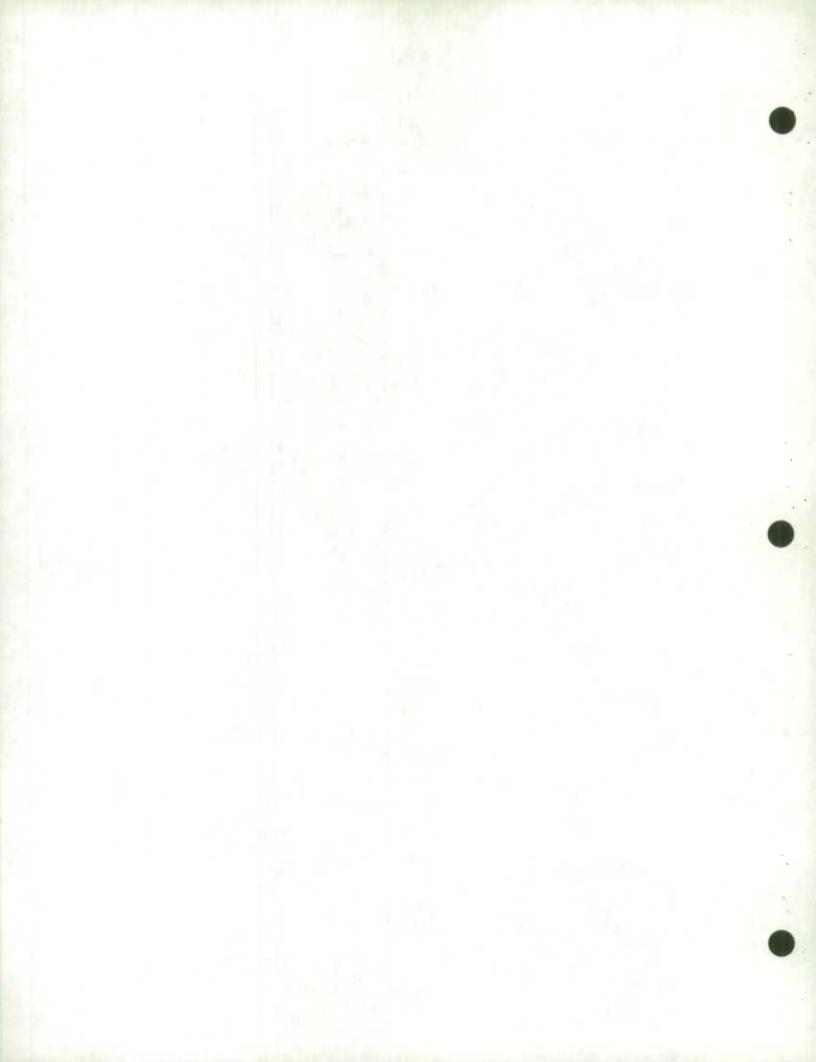


Table 10: Distribution of Ratios of Gross Business Income (Statistics Canada) to Sales (Revenue Canada)

	RANGE	FREQUENCY	PERCENTAGE								
1.	€0.199	6270	5.893	Gross	Busine	ss Inco	ome (STC)				
2.	0.2-0.399	243	0.228			0	1				
3.	0.4-0.599	400	0.376		0	36	247				
4.	0.6-0.799	487	0.458	Sales							
5.	0.8-0.899	519	0.488	(RCT)	1	5910	109800				
6.	0.9-0.949	612	0.575								
7.	0.95-0.999	3892	3.658								
В.	Approximately Equal	85971	80.804		0:	Zero E	Intry				
9.	1.01-1.049	4604	4.327		1:	Non-Z	ero Entry				
10.	1.05-1.099	1430	1.344								
11.	1.10-1.199	662	0.622								
12.	1.20-1.399	364	0.342								
13.	1.40-1.999	222	0.209								
14.	+2.00	718	0.675								

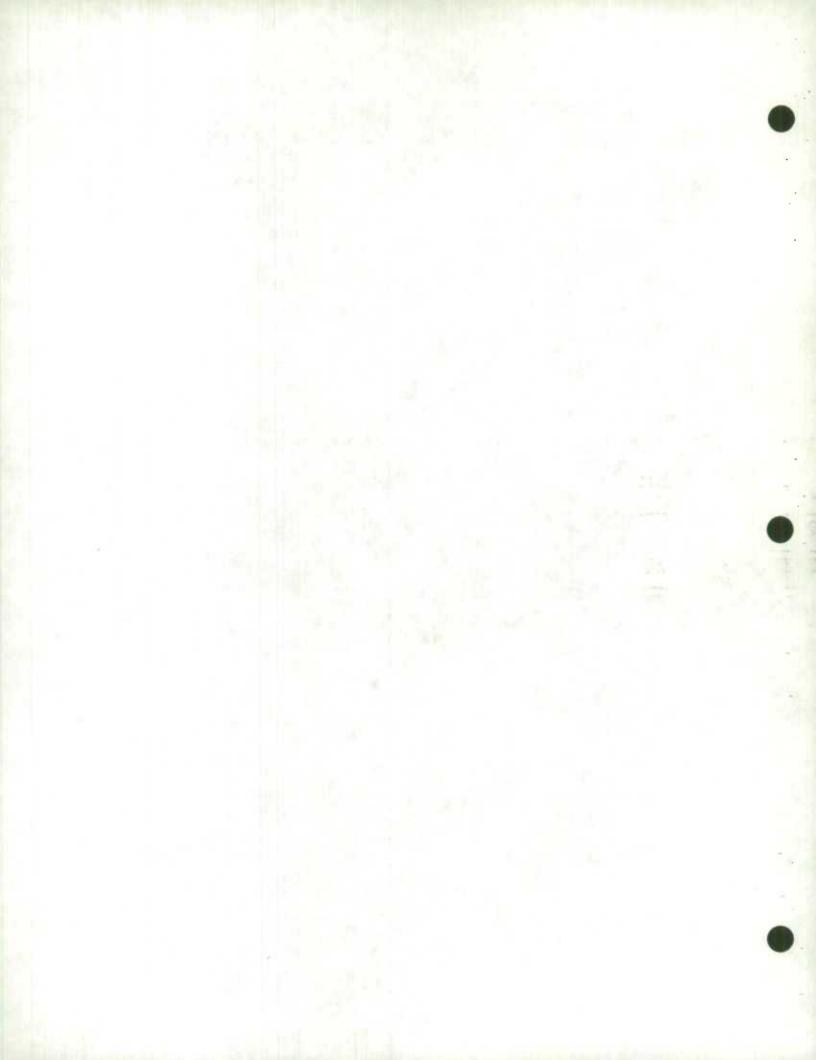
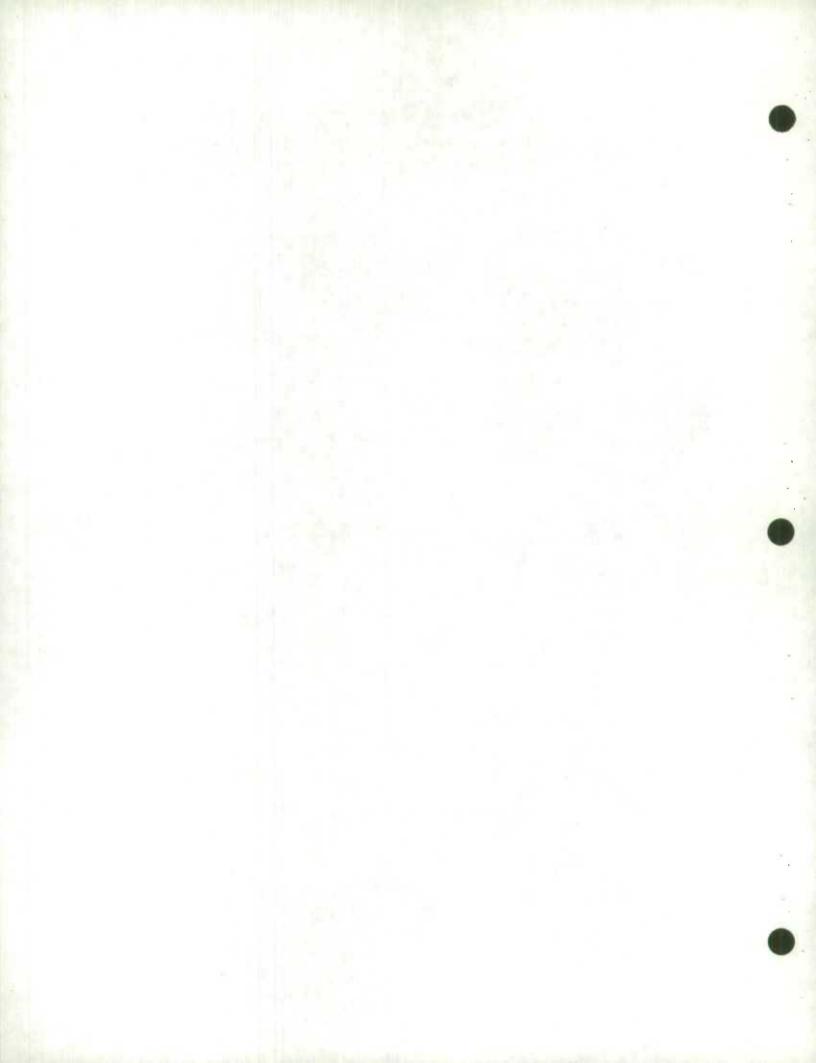


Table 11: Comparison of Statistics Canada Major Division Codes to Revenue Canada Major Division Codes

Revenue Canada

BEOUTHCY PERCENT BC PCT CUL PCT	1540	AG#1CULT	PIRKING	LOGGING	[minina	[MANUFACT]	construct;	HAMSPOR	COmmunit	SHOLE SAL	RFTAIL	FINANCE	MEAL EST	NUSTHF BS	EDUCATED	INCALTH A	ATTUM	DTHER SE	LY CLASS
	861	1000		AND FURE	10	URING :	11UN	277	1 94	178	10.74	13		.715	0.91	0.07	105	507	0.00
***	0.74 7.71 3v.33	31.00	0.01 0.00 12.00	0.05 8.51 J.09	0.03	1.75	0.75 7.70 3.74	0-44 4-44 2-57	0.35 5.48	1.34	15-07	0.03 0.30 7.38	3.12	1.95	3.65	2.43	1.10	5-08	0.00
S#1CLAL TWITE	0.00 0.00 0.00	307 0.33 73.71 3.47	3.80 3.00 9.00	20 9.02 10.0	3.00 3.00 3.00	4.00 0.57 0.00	0.02 6.57 0.10	U. 01	8.00 J.17 0.14	0.01 1.33 0.25	0.02 3.19 0.07	0.00 0.00 0.00	0.00 0.00	0.00	0.00 0.1v 0.27	0.00	0.00 3.00 0.00	0.04 0.00 0.37	8.60
1 3M E NG	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.01 (3.30 0.39	0.0d 43-00 24.00	0.10 7->0 3-05	9.02	0.00	0.00 0.00 0.00	0.00	0.00	0.00 2.30 0.00	9.01 77.03 9.03	3.00 0.03 0.00	0.00	0.00 5.30 0.07	3.93 3.93	0.00	0.00	0.00	0.00
DESTRE AND FOME	# 0 0 2 1 = 2 1	36 6.33 1.75 0.36	8.60 U.03	1000 1.01 P4.00 84.79	0.09 J.J.5 3.41	34 0.03 1.74 1.00	0.34 0.34	0.00 3.54 0.67	3.00 8.00 0.00	0.00 0.21	9:00 7:01 0:11	9.00 9.00 0.00	8.00 3.00 0.03	0.00 0.05 0.30	0.00	3.00	0.70	0.01 U.07 U.11	9.99
I N I NG	e.50 0.46 v.25	8.00	0.00	0.00 0.00 0.00	149 3.11 bu-74 22.03	0.00 J.00 U.C0	0,02 12.30 0,12	g.81 J.67 g.0s	6.00 0.00 0.00	16 0:01 7-10 U-68	0.00 1,34 0.01	0.01 5.50 4.68	0.00	9.01 J.71 0.26	#.00 #.20 #.90	8.88 9.00 9.00	9.00	9.81 3.67 2.07	8.00 9.80 D.00
ANUFACTURENS	0.00 1.07 3.35	0.52	3.00	0.03	0.00	2 Je 8 2 . 0 J 51 . 0 2 7 J . 5 6	0 - 17 0 - 17 0 - 35 0 - 80	0.92 9.00	0.00	7e e.e7 1.ee 3.02	1 J22 1 · i J 2 · i · P J J · i · I	0.00 0.00 0.02 0.02	8.00 0.00 0.11	0.07 1.71 2.92	0.00 0.40	9.13 7.74 16.04	9.01 9.20 9.10	4.23	3.00 9.00 0.00
OAST WE CT LUN	9.71	9.05 9.73	3.00	0.03	3.15 3.15	0.10	20027 17,45 90,32 90,08	167 W.10 0.72 1.65	0.00	0.06 0.27 2.71	0.57	0.01 0.01 0.05	0.07 0.13 9.58	0.07 0.35 3.07	0.00	0.01 0.03	0.01 0.04 0.10	927 9.36 1.83 3.79	0.00
AAMSPERTAT LUN	92 9:07 0:00	9.92 9.24 9.37	0.00 3.02	0.03 0.36	v. 02 0-81	0.01	1.09	#/9/ 7.55 91.89 84.61	134	0.19 1.10 4.50	0.77 9.49 9.71	7.01 0.13 2.68	0.02 0.02 0.27	0.01	0.05	0.03 2.01 0.11	0.02	1:32	0.00 0.01 33.33
BARUN ICAT TUN	0.31	0.00 0.54	0.00	0.18	0.0J 0.Jb	0.00 J.00 J.00	0.41 2.17 4.05	100	984 8.33 84.31 53.92	0.00 0.72 0.10	# . 01 1 . 41 5 . 63	8.00 0.00 0.00	8.00 8.00 9.00	0.00 0.72 0.15	0.00	0.00	9.30	0.0) 3.07 0.15	0.00
PHOLE SALE	0.07	0-15 4-77 2-50	1:27	0.01	0.01		8.38 2.88	15.9 0.14 4.31 1.03	9.03 0,70 3.03	1-30 01-10 00-37	1 - 01	0 - 31 0 - 14 1 - 36	0.00 3.14 0.36	0.03 1.00 1.46	0.00	0.90 0.93 0.23	0.17	#: 25 P: 08 2: 00	0.00
RE TAIL	0.37 0.37 1.10	0.05 0.17 0.02	3.01	0.00	0.03	194	207 0.10 0-50	8:57 8:50 1:78 h:JS	0.01 0.04 2.11	0.02 1.35 14.70	33630 76.43 VI.39 de.76	8.02 8.05 8.03	8.01 0.93 1.34	0.00 0.23 3.10	0.00 0.10 10.41	0.03 0.04 3.37	0.10 0.10 0.01 2.07	0.54 1.06 6.07	0.00
TARRE 440 1434	23 0.02 F.24 1.05	8.09 9.J2	0.00 1.00 J.DO	9.00	0.00	0.00 0.00	0.01	U. 40 0. 45	0.00	0.00 0.63 0.00	0.01 1.70	2 J7 0 · 20 75 · 00 2 J · 02	0.01 0.01 1.30	1.50	9.00	0.00 0.00 0.00	0.02 0.02	6.44	0.00 0.30 0.00
CAL ESTATE	u.03	0. 91 0. 52 0. 12	3.89	8.60	0.33 3.37 0.41	0.00 0.03 0.00	0.41 30.41 30.51 2.04	#. ## ## ## ## ## ## ## ## ## ## ## ## #	0.00	0.00 0.03	0.03	8.07 5,60 17.64	00.39 00.39 00.30	0.02 1.30 0.75	0.04 0.04 0.00	8.07 0.11	0.03 2.01 9.01	10.48	0.00
NATHERS SERVICE	0.07 0.07	0.02	3.00	0.00	0.01	0.65 2.20	97 #-05 2-34 9-85	20 0.02 0.67	6.81 0.63	0.41 0.25 0.20	1.05	0.01 0.43 2.46	0.03 0.26 2.12	1894 1-62 77.69 70.91	8.03 0.21 1.J7	0.01 0.23 0.67	0.01 0.53 0.15	0.12 5.73 1.22	0.00
SUCATIONAL SEAV	0.83	9.00	2.60	0.00	0.80	# . # 0 # . 51 V : 03	0.00	0.00 0.00	0.00	0.00	1::3	0.00	3.05 0.00	0.00 1:02 0:11	0.14 0.14 02.75 00.76	0 . 01 0 . 00	0.00	3.55	
TALTH MAY BUCIA	0.0V	3. 30	3.00	0.00	3.30	0.00	9.30	0.00 0.00	0.00	0.00 0.15	0.00 0.76 0.01		0.00 3.30 0.24	0.00 0.79 0.19	0 · 41 1 · 34 2 · 47	94.00 94.00 95-11	0:03 0:03 0:37	9.01 1.17 0.07	0.00
CCG+#UBAT UPI	0.41 37 0.33 0.33	0.03	3.00 0.01 3.11	4.00	4.00	8.80	0.01	0.01 0.07	*:**	0 . 50 0 . 50 0 . 55 3 . 20	4:71		0.01	0.00	0.40 3.01 0.27	8.02 8.25 8.25	9516 7.31 93.51	9.85	0.00
LANGE BERAICES	1.60	33 8-03 9-73	13.33	4.01	4.01	0.12	1.37	8,00 5,35 0,33	0.10 0.07 0.20 3.37	3,20		0.01	0.01	207 0.10 2.00 7.73	0.36 0.48 0.48	0.05 0.47	0.00	85.50	

Statistics Canada

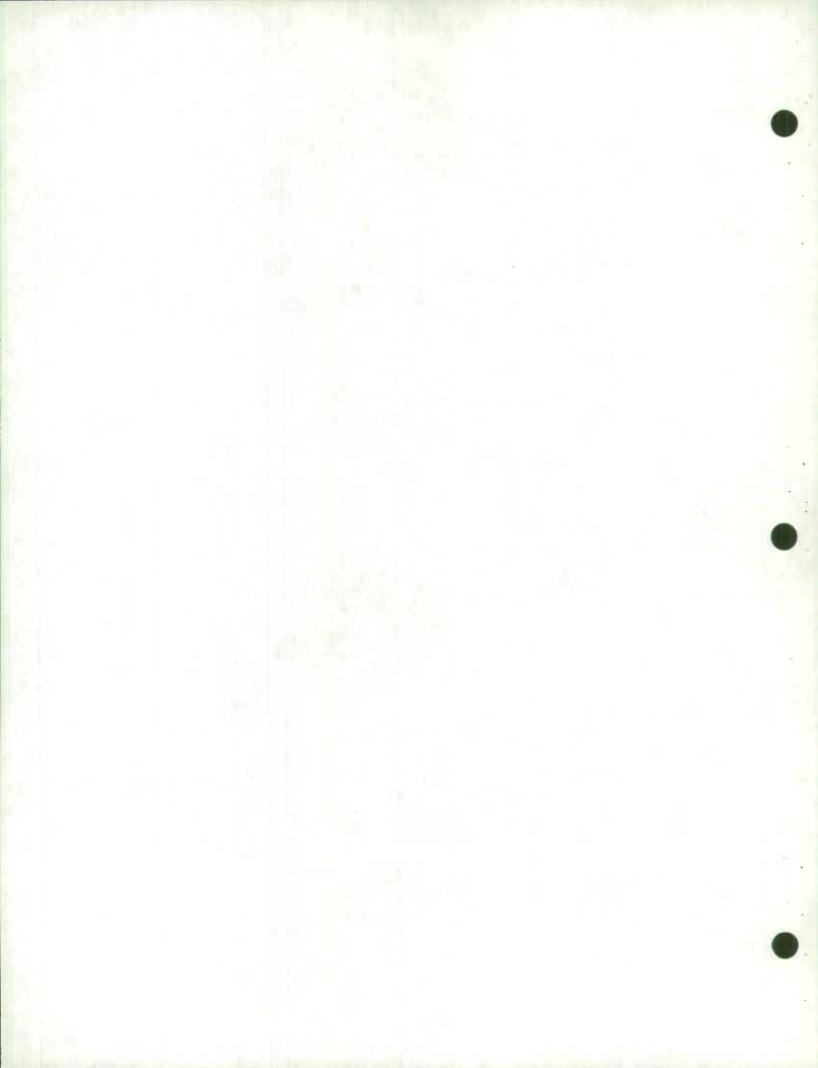


FREQUENCY BAR CHART

The same					
MIDPOINT PCT1	GBI VS RCSALE1	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
0.0-0.199	*	128	128	1.56	1.56
0.2-0.399		4	132	0.05	1.61
0.4-0.599		5	137	0.06	1.67
0.6-0.799		10	147	0.12	1.79
0.8-0.899		12	159	0.15	1.93
0.9-0.949		17	176	0.21	2.14
0.95-0.999	*	112	288	1.36	3.50
1.0	表表现现现在我们的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的现在分词形式的形式的形式的形式的形式的形式	7219	7507	87.83	91.34
1.01-1.049	新華華美術	461	7968	5.61	96.95
1.05-1.099		135	8103	1.64	98.59
1.1-1.199		57	8160	0.69	99.28
1.2-1.399		26	8186	0.32	99.60
		12	8198	0.15	99.74
1.4-1.999		21	8219		100.00
2.0 AND OVER			7727		

500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000

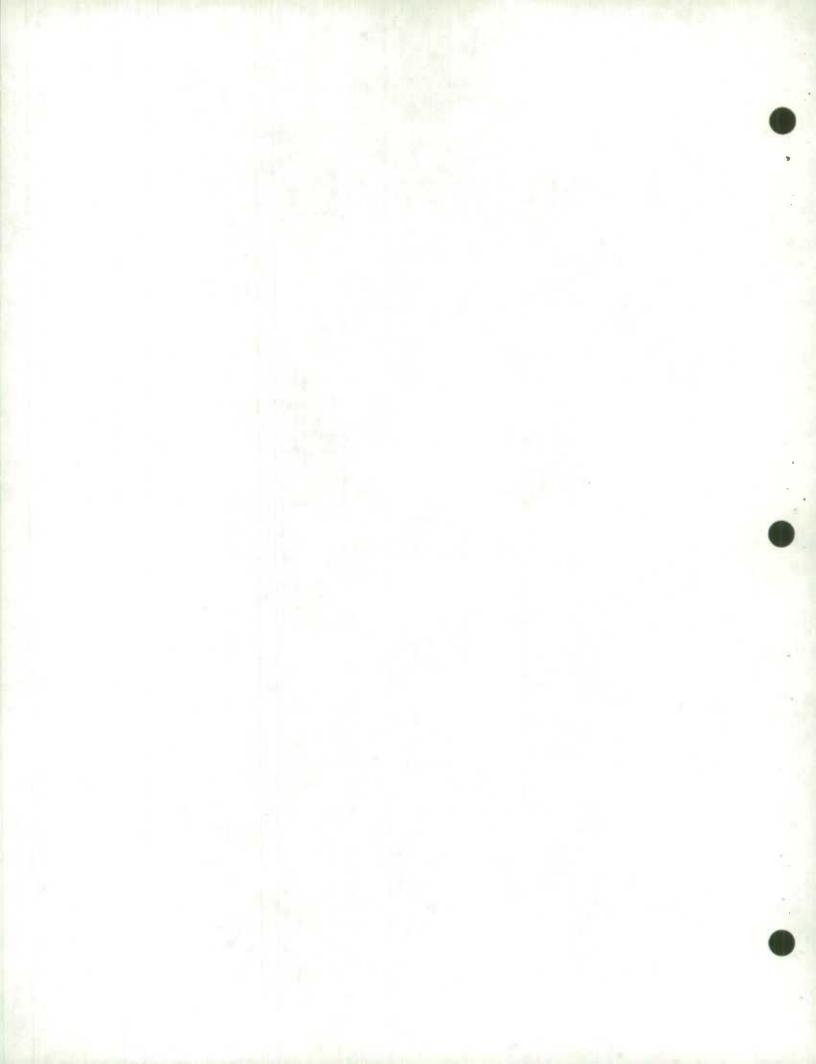
FREQUENCY



FREQUENCY BAR CHART

MIDPOINT	4.					
PCT2	PINC VS RCSALE1	FREQ	CUM. FREQ	PERCENT	PERCENT	
0.0-0.199	*	128	128	1.53	1.53	
0.2-0.399		10	138	0.12	1.64	
0.4-0.599	*	57	195	0.68	2.32	
0.6-0.799	*	137	332	1.63	3.96	
0.8-0.899	**	182	514	2.17	6.13	
0.9-0.949	**	160	674	1.91	8.03	
0.95-0.999	***************************************	928	1602	11.06	19.09	
1.0	报报解解解解证明证明证明的证明证明证明证明证明证明证明证明证明证明证明证明证明证明证	6442	8044	76.77	95.86	
1.01-1.049	**	233	8277	2.78	98.64	
1.05-1.099	*	65	8342	0.77	99.42	
1.1-1.199		17	8359	0.20	99.62	
1.2-1.399	·	= 7	8366	0.08	99.70	
1.4-1.999		5	8371	0.06	99.76	
2.0 AND OVER		20	8391	0.24	100.00	

500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000



FREQUENCY BAR CHART

MIDPOINT PCT3	GBI VS BUSGROS	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
0.0-0.199		30	30	0.35	0.35
0.2-0.399		9	39	0.10	0.45
0.4-0.599		5	44	0.06	0.51
0.6-0.799		21	65	0.24	0.75
0.8-0.899		35	100	0.41	1.16
0.9-0.949	*	54	154	0.63	1.78
0.95-0.999	★ 特	189	343	2.19	3.97
1.0	***************************************	7713	8056	89.34	93.32
1.01-1.049	****	288	8344	3.34	96.65
1.05-1.099	*	93	8437	1.08	97.73
1.1-1.199	1 **	72	8509	0.83	98.56
1.2-1.399		37	8546	0.43	98.99
1.4-1.999		31	8577	0.36	99.35
2.0 AND OVER	*	56	8633	0.65	100.00
					91

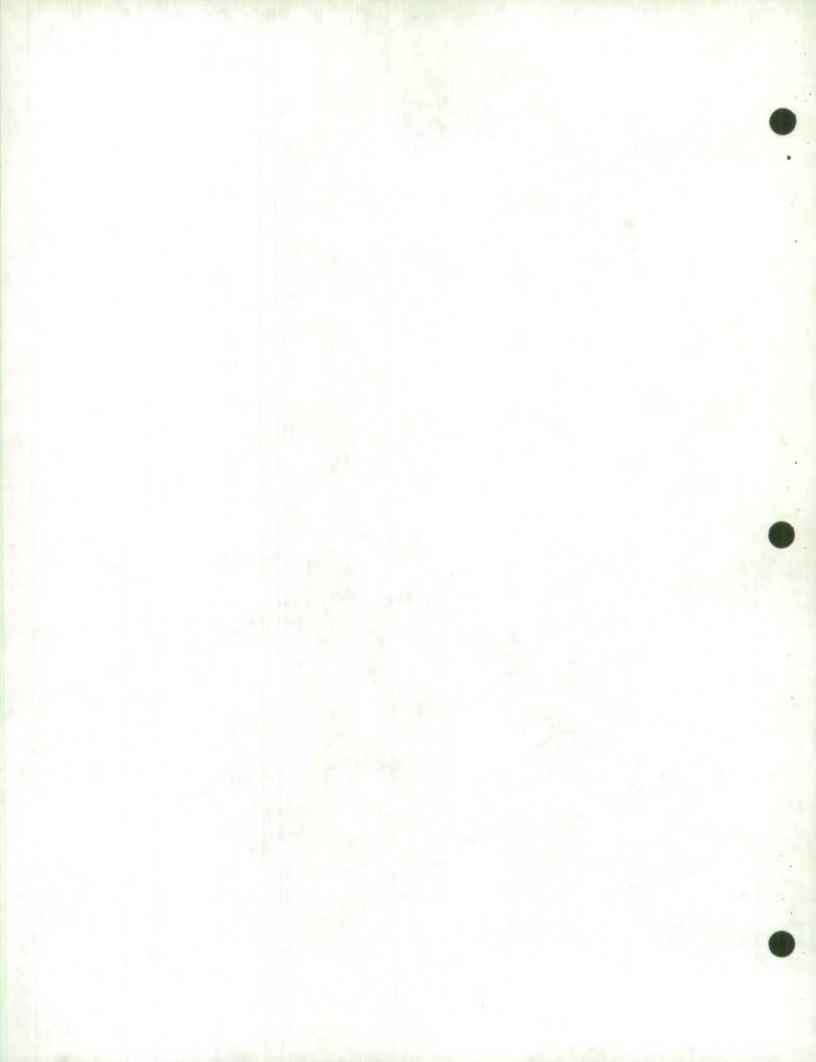
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FREQUENCY

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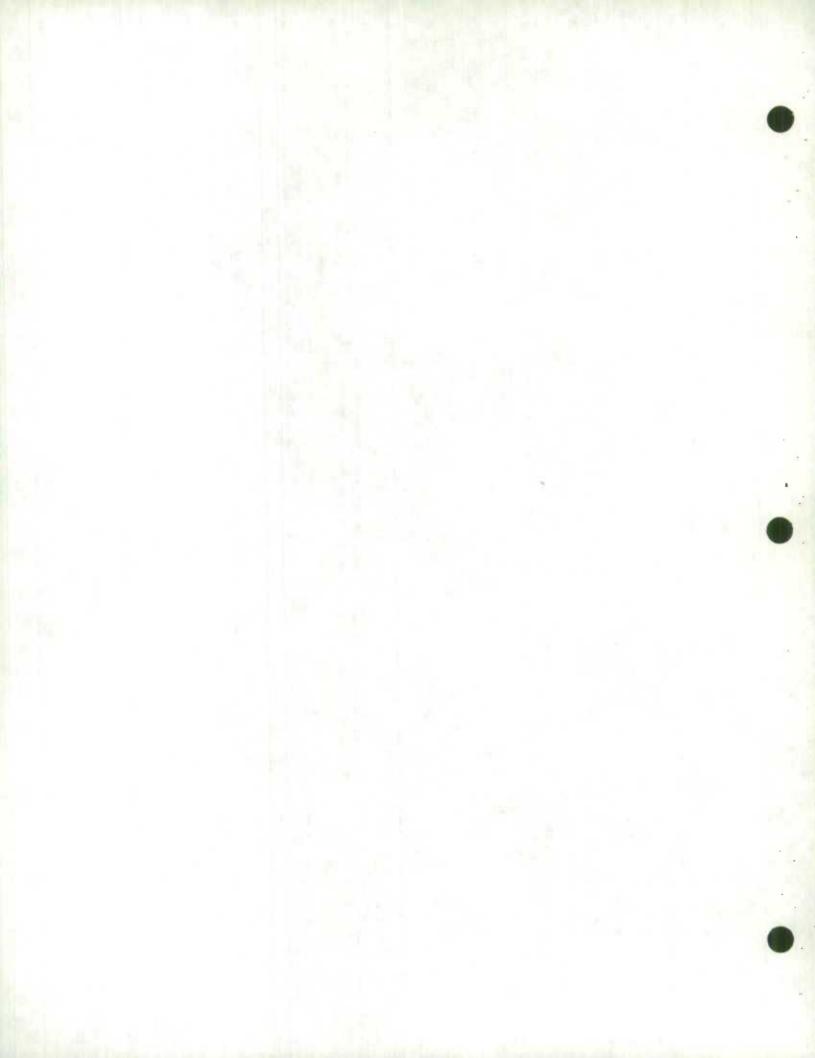
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FREQUENCY BAR CHART

HIDPOINT PCT4	RCGRSPR VS SGRSPR	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
0.0-0.199	www.	200	200	2.26	2.26
0.2-0.399		4	204	0.05	2.31
0.4-0.599	· ·	5	209	0.06	2.36
0.6-0.799		15	224	0.17	2.53
0.8-0.899		28	252	0.32	2.85
0.9-0.949		43	295	0.49	3.33
0.95-0.999	and the same of th	187	482	2.11	5.45
1.0	************************************	7463	7945	84.37	89.81
1.01-1.049	* P	118	8063	1.33	91.15
1.05-1.099	*	84	6147	0.95	92.10
1.1-1.199		89	8236	1.01	93.10
1.2-1.399		112	6348	1.27	94.37
1.4-1.999	HH.	194	8542	2.19	96.56
2.0 AND OVER	HHR	304	8846	3.44	100.00

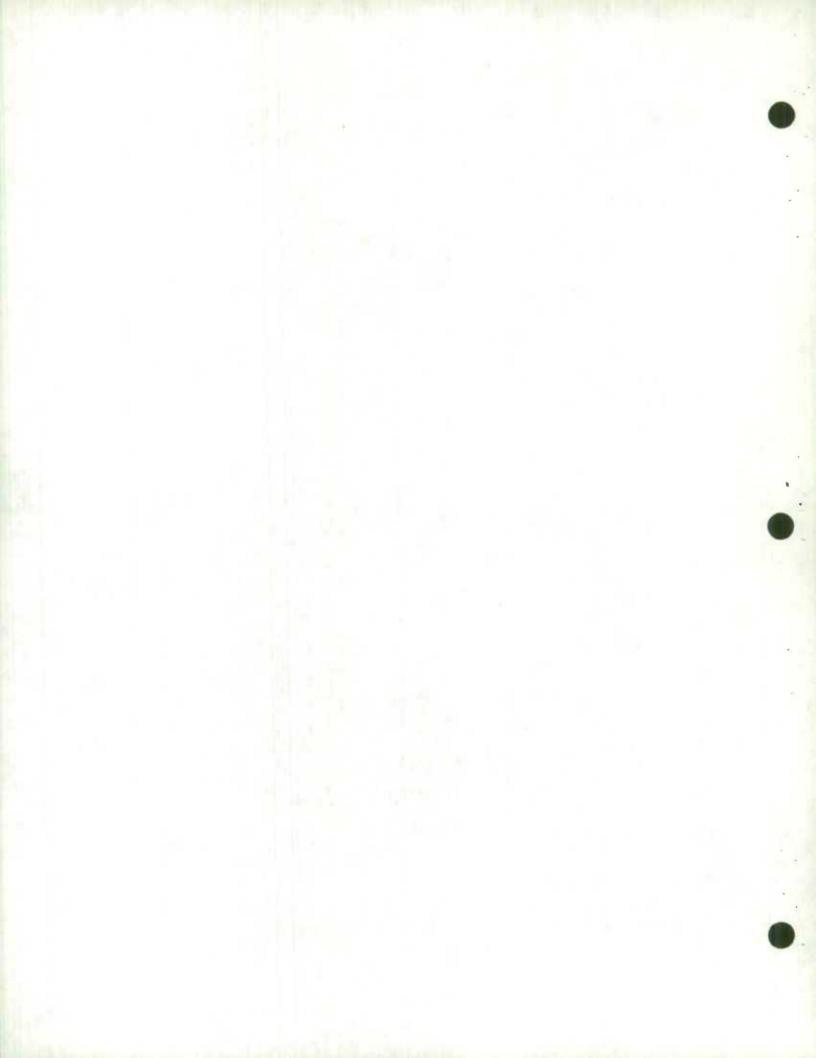
500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500



FREQUENCY BAR CHART

MIDPOINT PCT5	DEPR VS RCCA	FREG	CUM.	PERCENT	CUM. PERCENT
0.0-0.199	44	239	239	2.68	2.68
0.2-0.399		34	273	0.38	3.06
0.4-0.599		41	314	0.46	3.52
0.6-0.799	*	85	399	0.95	4.48
0.8-0.899	-	67	466	0.75	5.23
0.9-0.949		42	508	0.47	5.70
0.95-0.999	H	71	579	0.80	6.50
1.0	· · · · · · · · · · · · · · · · · · ·	7657	8236	85.93	92.43
1.01-1.049		65	8301	0.73	93.15
1.05-1.099		69	8370	0.77	93.93
1.1-1.199	THE STATE OF THE S	117	8487	1.31	95.24
1.2-1.399	N#	153	8640	1.72	96.96
1.4-1.999		97	8737	1.09	98.05
2.0 AND OVER	NA -	174	8911	1.95	100.00

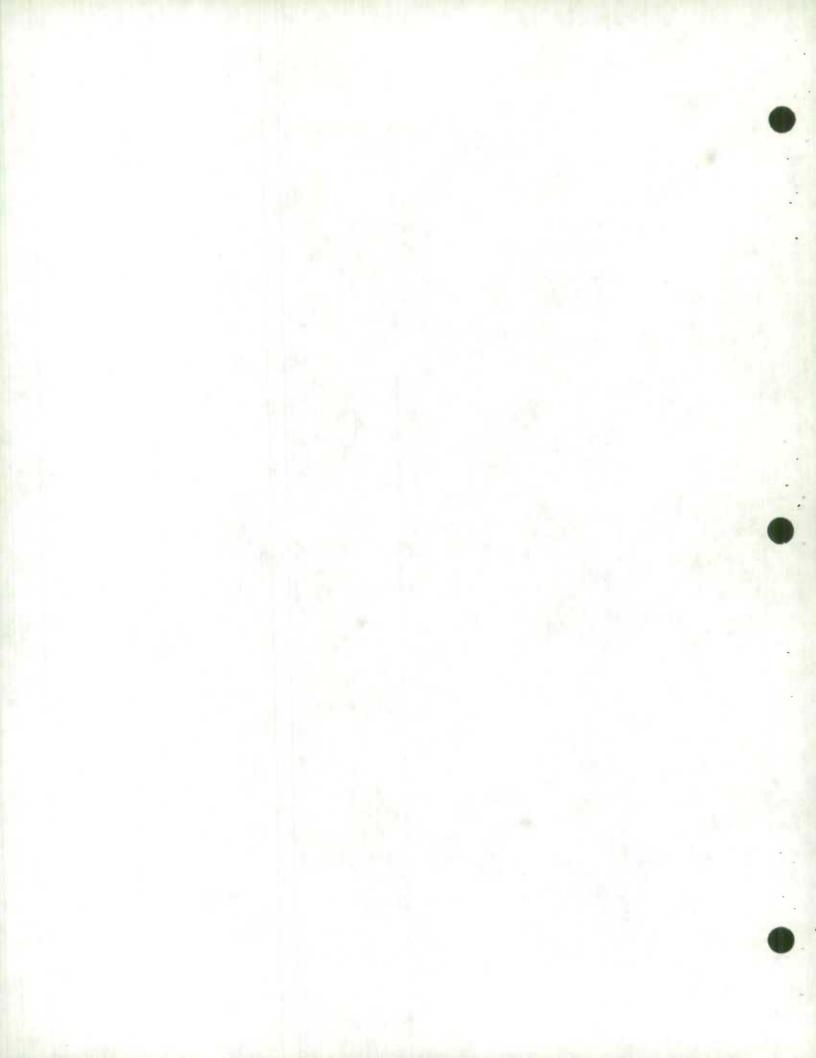
500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500



FREQUENCY BAR CHART

MIDPOINT						
PCT6	BSNT VS RCHETPR	FREQ	CUM.	PERCENT	CUM. PERCENT	
0.0-0.199	有有效	355	355	4.05	4.05	
0.2-0.399	*	56	411	0.64	4.69	
0.4-0.599	*	88	499	1.00	5.69	
0.6-0.799	NW NW	174	673	1.99	7.68	
0.8-0.899	H#	193	866	2.20	9.88	
0.9-0.949	4.8	187	1053	2.13	12.01	
0.95-0.999	***	320	1373	3.65	15.66	
1.0	化 电 	6528	7901	74.48	90.14	
1.01-1.049	***	329	8230	3.75	93.90	
1.05-1.099	*	149	8379	1.70	95.60	
1.1-1.199	*	113	8492	1.29	96.89	
1.2-1.399	*	90	8582	1.03	97.91	
1.4-1.999		56	8638	0.64	98.55	
2.0 AND OVER	*	127	8765	1.45	100.00	

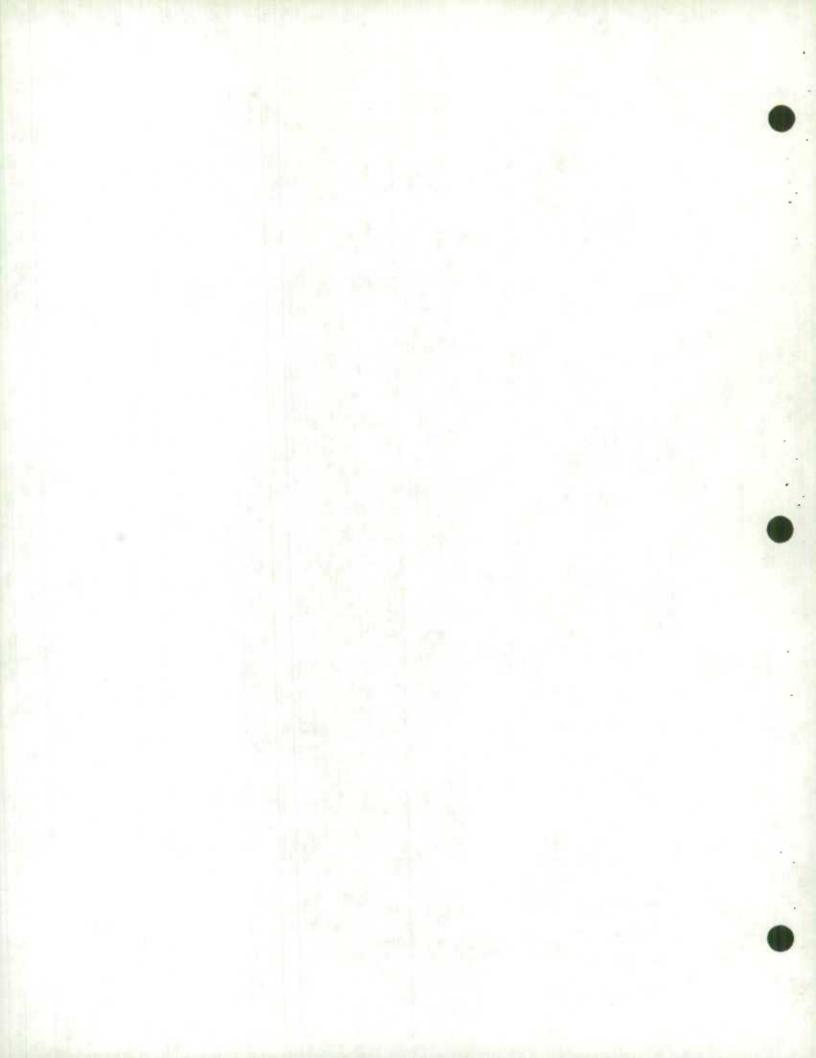
500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500



FREQUENCY BAR CHART

MEDDATIE					
PCT7	PINT VS RCPART	FREQ	CUM.	PERCENT	CUM. PERCENT
0.0-0.199	**	209	209	2.35	2.35
0.2-0.399		8	217	0.09	2.44
0.4-0.599		12	229	0.13	2.57
0.6-0.799		36	265	0.40	2.98
0.8-0.899		33	298	0.37	3.35
0.9-0.949		31	329	0.35	3.70
0.95-0.999	•	62	391	0.70	4.39
1.0	######################################	8256	8647	92.78	97.18
1.01-1.049		101	8748	1.14	98.31
1.05-1.099		37	8785	0.42	98.73
1.1-1.199		27	8812	0.30	99.03
1.2-1.399		55	8834	0.25	99.28
1.4-1.999		16	8850	0.18	99.46
2.0 AND OVER		48	8898	0.54	100.00

500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000

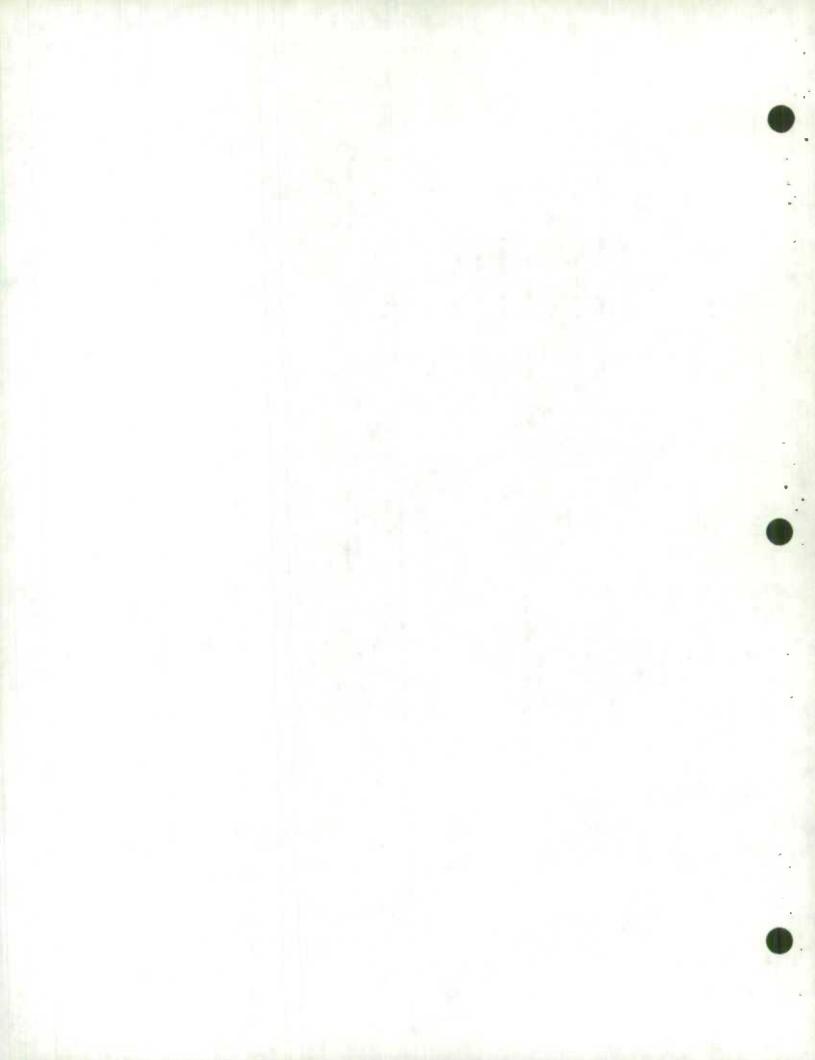


FREQUENCY BAR CHART

MINDOINE	1					
MIDPOINT PCT8	BUSGROS VS RCGBI	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT	
0.0-0.199		0	0	0.00	0.00	
0.2-0.399		0	0	0.00	0.00	
0.4-0.599		0	0	0.00	0.00	
0.6-0.799		0	0	0.00	0.00	
0.8-0.899		0	0	0.00	0.00	
0.9-0.949		0	0	0.00	0.00	
0.95-0.999		0	0	0.00	0.00	
1.0	******************************	8936	8936	100.00	100.00	
1.01-1.049		0	8936	0.00	100.00	
1.05-1.099		0	8936	0.00	100.00	
1.1-1.199		0	8936	0.00	100.00	
1.2-1.399		- 0	8936	0.00	100.00	
1.4-1.999		0	8936	0.00	100.00	
2.0 AND OVER		0	8936	0.00	100.00	

1000 2000 3000 4000 5000 6000 7000 8000 9000

FREQUENCY



FREQUENCY BAR CHART

MIDPOINT PCT9	BUSGROS VS RCSALE1	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
0.0-0.199	###	151	151	1.82	1.82
0.2-0.399		17	168	0.20	2.02
0.4-0.599		26	194	0.31	2.33
0.6-0.799		34	228	0.41	2.74
0.8-0.899		41	269	0.49	3.24
0.9-0.949		40	309	0.48	3.72
0.95-0.999	IN SEAS	306	615	3.68	7.40
1.0	**************************************	7116	7731	85.62	93.02
1.01-1.049	NAME OF THE PARTY	330	8061	3.97	96.99
1.05-1.099	Market Control of the	114	8175	1.37	98.36
1.1-1.199		39	8214	0.47	98.83
1.2-1.399		36	8250	0.43	99.27
1.4-1.999		14	8264	0.17	99.43
2.0 AND OVER		47	8311	0.57	100.00

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