

NIST GCR 99-783

**U.S. MANUFACTURERS WITH
PRODUCTS
CONFORMING TO METRIC
STANDARDS:
AN ANALYSIS**



United States Department of Commerce
Technology Administration
National Institute of Standards and Technology

U.S. MANUFACTURERS WITH PRODUCTS CONFORMING TO METRIC STANDARDS: AN ANALYSIS

Prepared for
National Institute of Standards and Technology
Gaithersburg, MD 20899-2000

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October 1999



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I. INTRODUCTION

This report, prepared for the Metric Program, NIST of the U.S. Department of Commerce, is the result of research into and analysis of the unique data on U.S. manufacturers maintained by the Thomas Publishing Company.

The purpose of this research and analysis is to provide the Metric Program with insights as to the current extent of compliance to metric standards among U.S. industrial product manufacturers. This report provides a “snapshot” of the degree of availability of metric standard products of interest to original equipment manufacturers serving both domestic and overseas markets. The results of this research and analysis can serve as a “benchmark” of metric activity against which the effectiveness and success of future Metric Program “stimulation” can be measured. The results can also serve as a stepping stone for further in-depth research on the reasons for the current status and on means for encouraging further metrication.

A. Background

The Thomas Publishing Company, source of the data analyzed here, has evolved into an American institution over the 100 years since its birth. Its primary publication, **the Thomas Register of American Manufacturers** (the Register or TR), is designed to facilitate the identification of suppliers and sellers of industrial products. The Register has been a standard information tool of purchasing personnel, design engineers and others concerned with the design and manufacture of all types of industrial goods in the U.S. The Register is frequently dubbed “the Bible of American Industry.” The Register has developed a unique and unmatched database of product-specific information covering a wide range of industrial products, not specific to anyone industry. The Register’s database, which is updated yearly, is, therefore, representative of U.S. manufacturing industry.

Every year a “listing” questionnaire is sent to all companies listed in TR, some 155,000, so that product updates and changes of address, telephone numbers, etc. can be made available to users. This listing questionnaire (see sample in Appendix A) also gathers data on company activity related to metric conformance, export and other issues. This current investigation is based on analysis of such data gathered since 1995 for the 1996, 1997 and 1998 editions of TR. The three years of data presented in this report identify metrication status and trends, which can be further followed as new TR data becomes available in the future.

Seven years ago a call was received by the Thomas Marketing Information Center (TMIC), the industrial marketing research division of Thomas Publishing Company, in which the caller asked for help in locating sources of certain industrial components conforming to metric standards needed to make a sale of his equipment to the U.K. At that time, TMIC was unaware as to the extent of information available relative to identifying metric product suppliers. That call immediately sensitized TMIC to the probable interest other companies might have in expanding their markets abroad if their products and components thereof could meet metric standards. TMIC subsequently became involved with the American National Metric Council to promote the U.S. metrication effort not only to enhance export, but to meet the growing requirements for metric

products by domestic companies and government agencies.

TMIC realized that the Register database was a good representative of U.S. manufacturing industries, and that the Register had been collecting valuable and unique data on metric product availability via the listing questionnaires. TMIC also realized that analysis of that data could provide a snapshot of U.S. metric compliance, which could also serve as a benchmark to be used in measuring metric activity and trends on a yearly basis. Furthermore, the Register data could be used to identify where compliance had gained the strongest foothold in terms of regional geography, company size and SIC sector activity.

As a result, during the Spring of 1998 TMIC proposed this preliminary analysis of the Register data as a reflection of metric product availability among U.S. manufacturers.

B. Objectives

The objectives of this project were to analyze the information gathered by the listing questionnaires for the 1996, 1997, 1998 editions of the Register in terms of:

- the number of companies with products conforming to metric standards relative to the total quantity of companies listed in TR.
- the distribution of such metric conforming companies by industries as indicated by each company's primary Standard Industrial Classification (SIC) code.
- the geographical distribution of these metric conforming companies.
- export activity among these companies.
- the size distribution of these companies.

C. Methodology

The methodology utilized in this project involved data acquisition and data analysis.

1. Data Acquisition

TMIC requested from the Register the most recent available relevant data. This data covered all companies listed in the 1996, 1997, and 1998 editions of the Register which classified themselves as manufacturers. This data included for these companies their primary SIC, size (number of employees), location by state, export activity and whether they offered products conforming to metric standards. The data for each edition had been acquired via listing questionnaires sent to each company during the previous year. A computer program was then developed to create the data tables required for the subsequent analysis (see tables in Appendix C).

In addition to compiling this "in-house" data, further secondary research was conducted to gather

any relevant information on metrication in the U.S. compiled by other sources. However, surprisingly, no additional data, either new or for confirmation purposes were uncovered.

In our initial proposal we anticipated searching Federal requirements and European Union regulations relative to metrication. However, since decisions on metrication of many products have not yet been finalized by many departments of the Federal government or by the European Union, it was felt that compiling such information now would be premature and potentially misleading, and should be deferred until later in-depth research.

2. Data Analysis

The collected data, as contained in the tables in Appendix C, were then subjected to thorough analysis in terms of current status and trends in metrication amongst U.S. manufacturers. Significant findings are presented in Section IV - Detailed Findings – of this report.

The data, as previously mentioned, had been extracted from the Register's database of information collected about the companies listed in TR. The findings are presented primarily as percentages relating to the various information categories. Such percentages present a clearer relative picture than the actual quantities in the tables, since these quantities are only on the companies listed in TR. The Register does not list all companies; however, the 155,000 companies listed in the Register are an excellent representation of the industrial company population in the U.S.

The data tables in Appendix C will allow the NIST Metric Program to make additional detailed analysis in terms of specific SICs, locations and size categories for manufacturers, exporters and metric conformers. These will allow for comparisons and applications to data currently on hand at the Metric Program.

Major Conclusions are presented in Section II, with Recommendations in Section III.

II. MAJOR CONCLUSIONS

The results of this investigation have been based on analysis of company information in the files of the **Thomas Register of American Manufacturers** for the 1996, 1997 and 1998 editions. This company information, in turn, is based primarily on company responses to the Register's annual listing questionnaires. The questions most relevant to this investigation concern a company's primary SIC, the number of employees, company location, whether the company exports, and whether any company products conform to metric standards. A sample TR listing questionnaire is in Appendix A.

The Register, considered "the Bible of American Industry," is representative of American manufacturing and, therefore, the results of this analysis present an excellent "snapshot" of U.S. trends relative to metrication. Detailed findings of this analysis are presented in Section III and Appendix C of this report. Major conclusions are presented below:

A. Conformance to Metric Standards

- 1 The quantity of companies offering products conforming to metric standards has been growing recently at an average rate of about 2% per year. The approximate percentage of manufacturers offering products which conform to metric standards relative to all manufacturers listed in the last three editions of the Thomas Register are: 1996 - 16%; 1997 - 19% and 1998 - 20%.
2. The primary SIC's with higher than average metric conformance based on the 1998 Thomas Register data are:

<u>Primary SIC</u>	<u>Industry</u>	<u>% of Metric Conformance</u>
33	Primary Metal Industries	27
30	Rubber & Misc Plastics Products	25
35	Industrial Machinery & Equipment	24
34	Fabricated Metal Products	24
38	Instruments & Related Products	23
36	Electronic & Other Electronic Equipment	22

3. In terms of the total quantity of companies conforming to metric standards, SIC35 – **Industrial Machinery Equipment** and SIC34 – **Fabricated Metal Products** have the largest percentage, 27% and 17%, respectively.

B. Location of Companies Conforming to Metric Standards

1. The majority of companies (66%) offering products conforming to metric standards are located in the Northeast and Midwest North regions of the country (about 33% each, respectively).

2. Of the total quantity of manufacturers, those conforming to metric standards represent about 20% to 21% in all regions except the Midwest South (17%) and the Northwest (4%).
3. The states with higher than average (20%) current metric conformance are as follows:

<u>State</u>	<u>% Metric Conformance</u>	<u>State</u>	<u>% Metric Conformance</u>
CT	28%	OH	23%
SC	26%	MN	23%
GA	26%	NY	22%
VA	25%	MD	22%
AL	25%	NJ	21%
MI	23%	MO	20%

4. The average annual increase by state from 1996 thru 1998 has been 2%. The states with an above average increase are: SC (6%), OH (3%), MN (3%) and NJ (3%).

C. Metric Conformance Amongst Exporters

1. Forty-five percent of the manufacturers listed in Thomas Register indicate that they engage in exporting.
2. The following primary SICs have a higher than average percentage of companies currently engaged in exporting:

<u>Primary SIC</u>	<u>Industry</u>	<u>% Exporting</u>
38	Miscellaneous Manufacturing Industries	65
29	Petroleum & Coal Products	58
36	Electronic & Other Electronic Equipment	57
28	Chemicals & Allied Products	57
22	Textile Mill Products	54
73	Business Services	53
35	Industrial Machinery & Equipment	52
37	Transportation Equipment	51

3. Of the exporters, 33% indicate they currently provide products conforming to metric standards. This compares favorably with the 20% of all manufacturers listed in Thomas Register with metric conformance.
4. Of the 55% of manufacturers who did not indicate they engage in exporting, only 9% currently provide products conforming to metric standards.

- 5 Manufacturers apparently provide metric products primarily to meet export requirements rather than to meet domestic and governmental needs for metric conforming products.

D. Size Analysis of Metric Conforming Companies

1. Larger companies are more likely to conform to metric standards.
2. The percentage of all manufacturers which conform to metric standards in small (1 - 99 employees), medium (100 - 499 employees) and large (500+ employees) companies in 1998 is about 19%, 26% and 29%, respectively.
3. Over the past three years, the percentage of companies conforming to metric standards has been steadily increasing for each size category, more so for larger companies.
4. The average annual increase in percentage of companies conforming to metric has been about 2%, 3% and 4%, respectively, for small, medium and large companies.

III. RECOMMENDATIONS

A. Continued Analysis of Thomas Register Data

This current investigation has indicated significant trends in terms of metrication among U.S. manufacturers based on data in the 1996, 1997, and 1998 editions of the **Thomas Register of American Manufacturers**.

Since data for the 1995 and 1999 editions of the Register will be available in the near future, it is recommended that this report could then be updated to include 1995 and 1999 data.

Then, as data for new editions of the Register become available in the future, the report can then be updated periodically as necessary.

B. In-depth Metrication Research

This current investigation has provided information on the status of metrication in the U.S. over the past three years. However, it has not and could not address reasons for the current status and trends, or methodologies for changing them.

Therefore, it is recommended that in-depth research be conducted amongst U.S. manufacturers and related organizations with the following objectives:

1. Explore the reasons behind the current status of metrication, as identified by this current report.
2. Explore the factors and needs for and against metrication.
3. Identify and evaluate means for enhancing the acceptance and use of metrication throughout the U.S. industry.

IV. DETAILED FINDINGS

A. SIC Analysis of TR Listed Companies Conforming to Metric Standards.

(See Tables 1-96, 1-97 and 1-98 in Appendix C)

This analysis is based on the quantity of companies which classified their type of business as “Manufacturer” listed in the 1996, 1997 and 1998 editions of the Register, and, where appropriate, as producing products which conform to metric standards. The primary Standard Industrial Classification (SIC) codes for the bulk of these companies, as would be expected, fall within the range of the manufacturing SICs 20 thru 39. (See Appendix B for titles of these two-digit SICs). A small percentage of the companies indicated their primary SIC was other than SICs 20 thru 39.

The number of TR “Manufacturer” listees and, of those, the number that conform to metric standards in the three Register editions are as follows:

	Thomas Register Editions		
	<u>1996</u>	<u>1997</u>	<u>1998</u>
Total TR Manufacturer Listees:	47,944	63,586	69,622
Total TR Listees Conforming to Metric:	7,742	11,924	13,919
% of TR Listees:	16.15%	18.75%	19.99%

Although the total quantities have increased each year, the important trend is the increase from 16% to 20% in percentage of companies offering products conforming to metric standards. This trend represents an average increase per year of 2%. Further research will be needed to identify reasons for these trends.

The major manufacturing SICs, in order of percentage of TR listed companies conforming to metric standards in 1998, are as follows:

Primary		% of Metric Conformance			Average %
<u>SIC</u>	<u>Industry</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>Increase/Yr</u>
33	Primary Metal Industries	21.20	25.06	27.34	3.07
30	Rubber & Misc Plastic Products	18.38	22.84	24.71	3.16
35	Industrial Machinery & Equipment	18.19	22.21	24.07	2.94
34	Fabricated Metal Products	18.49	21.83	23.52	2.29
38	Instruments & Related Products	17.18	21.39	23.36	3.09
36	Electronic & Other				
	Electrical Equipment	16.15	19.78	21.76	2.81
32	Stone, Clay & Glass Products	16.20	18.58	20.36	2.08
37	Transportation Equipment	11.46	14.73	16.40	2.47
TOTAL		16.15	18.75	19.99	1.92

The SICs with the largest percentage of metric conformance include the metal-related SICs 33, 34 and 35, as might be expected, as well as SICs 30 and 38. The SICs which show the largest average annual increase in metric conformance are SICs 37, 38, 36 and 30.

The SICs with the greatest quantity of companies offering products conforming to metric standards are listed below in order of percentages of the total quantity of companies conforming to metric standards among Register listees in 1998.

<u>SIC</u>	<u>Industry</u>	<u>% of Total Metric Conforming Companies</u>
35	Industrial Machinery & Equipment	23.44
34	Fabricated Metal Products	14.63
30	Rubber & Misc Plastic Products	8.59
38	Instruments & Related Products	8.31
36	Electronic & Other Electronic Equipment	8.08
33	Primary Metal Industries	3.99
28	Chemicals & Allied Products	3.38
39	Misc Manufacturing Industries	2.30
32	Stone, Clay & Glass Products	2.02

B. Location Analysis of TR Listed Companies Conforming to Metric Standards.

(See Tables 2-96 thru 2-98)

Tables 2-96, 2-97 and 2-98 in Appendix C examine the extent of manufacturing company conformance to metric standards by state and region of the U.S. in the past three editions of the Register. These tables indicate that about 66% of the total companies conforming to metric standards are located in the Northeast and Midwest North regions of the country (about 33% each, respectively).

The six major regions of the U.S., in order of percentage of total companies in each region which conform to metric standards in 1998, are as follows:

<u>Region</u>	<u>% of Metric Conformance</u>			<u>Average %</u>
	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>Increase/Yr</u>
Northeast	16.82	19.38	20.97	2.08
Southwest	17.07	18.94	20.33	1.63
Midwest North	15.87	19.14	20.10	2.12
Southeast	16.31	18.98	19.98	1.84
Midwest South	14.13	15.59	17.22	1.55
Northwest	10.99	13.07	13.80	1.41
U.S. TOTAL	16.15	18.75	19.99	1.92

The current (1998) percentage of metric conformance is about 20% for all regions except for the Midwest South (17.22%) and Northwest (13.80%). The average annual growth in percentage has been highest in the Midwest North (2.12%) with the lowest in the Northwest (1.41%).

The states, whose percentage of companies conforming to metric standards are larger than the national average and whose population of such companies is more than 1% of the U.S. total, are as follows (in percentage order for 1998):

<u>State</u>	<u>Region</u>	<u>% of Metric Conformance</u>			<u>Average %</u>
		<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>Increase/Yr</u>
CT	NE	24.70	26.97	27.94	1.62
SC	SE	14.56	22.20	25.64	5.50
GA	SE	22.24	25.52	25.63	1.70
VA	SE	22.28	24.15	24.95	1.29
AL	SE	20.63	23.56	24.53	1.95
MI	MWN	21.32	23.74	23.48	1.08
OH	MWN	16.81	21.05	22.91	3.05
MN	MWN	16.90	20.64	22.58	2.84
NY	NE	18.40	20.67	22.44	2.02
MD	NE	23.96	23.52	22.17	0.90
NJ	NE	14.83	19.19	21.30	3.24
MO	MWN	15.43	18.80	20.35	2.46
U.S. TOTAL		16.15	18.75	19.99	1.92

Additional research may identify reasons for this geographical distribution of metric conforming companies and growth trends.

C. Analysis of Exporters Among TR Listed Companies.

(See Tables 3-96 thru 3-98)

Tables 3-96, 3-97 and 3-98 in Appendix C show for each two-digit SIC the extent to which manufacturing companies listed in the Register for the past three editions indicated that they export. For all TR listees, the percentage which export in the 1996, 1997 and 1998 editions are 45.33%, 44.62%, and 45.20%, respectively.

The major SICs, with a significant quantity of exporting companies, in order of percentage of companies now exporting in 1998, are as follows:

Primary <u>SIC</u>	<u>Industry</u>	<u>% of TR Listees Exporting</u>			<u>Average %</u>
		<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>Increase/Yr</u>
38	Instruments & Related Products	60.37	63.83	65.47	2.55
29	Petroleum & Coal	50.52	54.01	57.94	3.71
36	Electronic & Other				
	Electrical Equipment	53.42	55.62	57.38	1.98
28	Chemicals & Allied Products	52.86	56.13	56.78	1.96
22	Textile Mill Products	48.67	52.54	53.85	2.59
73	Business Services	50.58	52.37	53.18	1.30
35	Industrial Machinery & Equipment	47.34	50.28	51.94	2.30
37	Transportation Equipment	47.93	50.52	50.99	1.53
TOTAL		45.33	44.62	45.20	-0.07

On an overall basis, 45% of the Register's manufacturing listees indicated they export. The industry with the largest percent currently exporting (65%) is SIC38 – Instruments and Related Products. The industries with the highest average annual growth in percentage are SIC29 (3.71%), SIC22 (2.59%), and SIC38 (2.55%).

D. Analysis of Exporters Conforming to Metric Standards among TR Exporters.
(See Tables 4-96 thru 4-98)

Tables 4-96, 4-97 and 4-98 in Appendix C indicate for each two-digit SIC the extent to which exporters in the Register offer products conforming to metric standards. For all the exporters, the percentage of metric conformers in the 1996, 1997 and 1998 editions are 26.69%, 31.32%, and 32.84%, respectively.

The major SICs with significant quantity of exporting companies are listed below in order of the percentage of companies in the 1998 Register that export products conforming to metric standards:

Primary <u>SIC</u>	Industry	% of Metric Conforming Exporters			Average % <u>Increase/Yr</u>
		<u>1996</u>	<u>1997</u>	<u>1998</u>	
33	Primary Metal Industries	38.02	41.49	43.21	2.60
34	Fabricated Metal Products	33.02	37.09	38.47	2.73
30	Rubber & Misc Plastic Products	31.98	36.78	38.44	3.23
35	Ind'l Machinery & Equipment	28.23	32.43	34.31	3.04
32	Stone, Clay & Glass Products	30.45	32.83	33.92	1.74
26	Paper & Allied Products	23.19	29.45	31.79	4.30
29	Petroleum & Coal	26.21	29.12	31.47	2.58
36	Electronic & Other				
	Electrical Equipment	24.70	28.85	30.84	3.07
38	Instruments & Related Products	23.80	28.39	30.46	3.33
TOTAL		26.69	31.32	32.84	3.08

Only 33% of the listed exporters indicate they currently provide products conforming to metric standards. SIC33 Primary Metal Industries has the largest percentage (43%) of exporters in 1998 conforming to metric standards, followed by SIC34 Fabricated Metal Products (38%) and SIC30 Rubber and Plastic Products (38%).

Among all metric conforming exporters the average annual growth was 3.08%. The metric conforming industries with the highest average annual growth in percentage are SIC26 (4.30%), SIC38 (3.33%), and SIC30 (3.23%).

Comparing the data in Tables 3-96, 3-97 and 3-98 with those in Tables 4-96, 4-97 and 4-98 yields the following information on the extent of metric conformance among exporters versus non-exporters.

	Total		Metric Conformers		
<u>1996 TR:</u>	<u>Qty</u>	<u>V%</u>	<u>Qty</u>	<u>V%</u>	<u>H%</u>
TR Listees	47,944	100.00	7,742	100.00	16.15
Exporters	<u>-21,733</u>	<u>-45.33</u>	<u>-5,801</u>	<u>-74.93</u>	<u>26.69</u>
Non-Exporters	26,211	54.67	1,941	25.07	7.41
<u>1997 TR:</u>					
TR Listees	63,586	100.00	11,924	100.00	18.75
Exporters	<u>-28,372</u>	<u>-44.62</u>	<u>-8,886</u>	<u>-74.52</u>	<u>31.32</u>
Non-Exporters	35,214	55.38	3,038	25.48	8.63
<u>1998 TR:</u>					
TR Listees	69,622	100.00	13,919	100.00	19.99
Exporters	<u>-31,469</u>	<u>-45.20</u>	<u>-10,335</u>	<u>-74.25</u>	<u>32.84</u>
Non-Exporters	38,153	54.80	3,584	25.75	9.39

Approximately 45% of all the Register listees are exporters and 55% are non-exporters.

Of the exporters, only about 27% to 33%, for 1996 to 1998, respectively, indicate they offer products conforming to metric standards. Amongst the manufacturing SICs 20-39, the percentage of metric conforming exporters ranges from about 10% to 43%. Additional research will be required to determine why so few offer metric conforming products.

Of the non-exporters, only about 7% to 9% offer products conforming to metric standards. Additional research will be required to determine why so few offer metric conforming products.

Of the metric conformers, about 75% are exporters and 25% are non-exporters.

E. Size Analysis of TR Listed Companies Conforming to Metric Standards

(See Tables 5-96 thru 5-98 and Tables 6-96 thru 6-98)

Tables 5-96, 5-97 and 5-98 in Appendix C indicate for each two-digit SIC the quantity of TR listed manufacturing companies in three company size categories: Small (1-99 employees), Medium (100-499 employees) and Large (500 + employees). Tables 6-96, 6-97 and 6-98 indicate the quantity of those companies which offer products conforming to metric standards in the same three size categories.

Analysis of these size data indicates that there has been no significant change over the past three years in percentage of companies in the three size categories, as shown in the following summary tables:

Company Size Analysis of TR Listees

Size Category	1996		1997		1998	
	Qty	%	Qty	%	Qty	%
1 - 99	26,184	77.35	35,277	78.15	38,322	78.15
100 - 499	6,127	18.10	7,796	17.27	8,456	17.25
500 +	<u>1,541</u>	<u>4.55</u>	<u>2,069</u>	<u>4.58</u>	<u>2,254</u>	<u>4.60</u>
TOTAL	33,852	100.00	45,142	100.00	49,032	100.00

Company Size Analysis of TR Listees Conforming to Metric Standards

Size Category	1996		1997		1998	
	Qty	%	Qty	%	Qty	%
1 - 99	3,960	71.57	6,154	71.61	7,159	71.51
100 - 499	1,245	22.50	1,893	22.03	2,192	21.90
500 +	<u>328</u>	<u>5.93</u>	<u>547</u>	<u>6.36</u>	<u>660</u>	<u>6.59</u>
TOTAL	5,533	100.00	8,594	100.00	10,011	100.00

However, comparison of the percentage of companies conforming to metric standards (as per Tables 6-96 thru 6-98) to total Register listees (as per Tables 5-96 thru 5-98) shows that the larger the company, the more likely that they conform to metric standards. For 1998, as shown in the following comparison table, the percentages are about 19%, 26%, and 29% for small, medium and large companies, respectively. Also, as shown in the following table, the percentage of companies conforming to metric standards has been increasing over the three-year period, with the average annual increase in percentage being 1.78%, 2.82%, and 4.00%, for small, medium and large companies, respectively.

Comparisons of Metric Conformers to TR Listees by Company Size

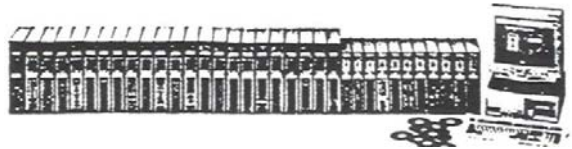
Size Category	1996 <u>% Metric</u>	1997 <u>% Metric</u>	1998 <u>% Metric</u>	Average % <u>Increase/Yr</u>
1 - 99	15.12	17.44	18.68	1.78
100 - 499	20.32	24.28	25.92	2.82
500 +	21.28	26.44	29.28	4.00
TOTAL	16.34	19.04	20.42	2.04

Not only do larger companies conform more to metric standards, but over the three-year period they do so increasingly at a faster rate than smaller companies.

APPENDIX A

THOMAS REGISTER LISTEE QUESTIONNAIRE

Update your FREE listing in Thomas Register's Print & CD-ROM Editions and on the Internet!



Thomas Register of America Manufacturers

Be sure your FREE company listing is accurate and up-to-date. Please make changes directly on this form and return it to: Thomas Publishing Company. Thomas Register Editorial, Five Penn Plaza, New York, NY 10001; or fax changed pages to: 212-290-7389. For further assistance, please call 212-290-7276 or 212-290-8800. **PLEASE NOTE:** Do not white out or use a marker to obliterate any information provided by us; simply draw a thin line through the incorrect information.

If there are no changes, check here.

PRIMARY COMPANY INFORMATION (If any of the information above is incorrect, please indicate changes below.)

Company Name _____		Contact Name _____
Address _____		P.O. Box _____
City _____	State/Province _____	Zip/Postal Code _____
Primary Function <input type="checkbox"/> Manufacturer <input type="checkbox"/> Manufacturer's rep <input type="checkbox"/> Distributor <input type="checkbox"/> Service Co. <input type="checkbox"/> Holding Co. <input type="checkbox"/> Importer		
<input type="checkbox"/> Exporter <input type="checkbox"/> Wholesaler <input type="checkbox"/> Other (please specify) _____		
Asset Rating (see last page for explanation) _____	Year Company Established _____	No. of Employees _____
Primary SIC Code(s) (if known) _____		Cage Code(s) _____

COMMUNICATIONS INFORMATION (Please include area codes where applicable.)

Telephone Number _____	Fax Number _____
Toll Free Number _____	<input type="checkbox"/> Out-of-state only <input type="checkbox"/> In-state only <input type="checkbox"/> USA <input type="checkbox"/> Canada <input type="checkbox"/> Mexico
E-Mail Address _____	Internet Home Page Address _____
Cable _____	Telex _____

NAMES & TITLES OF COMPANY OFFICIALS

_____	Marketing _____
Gen. Mgmt. _____	Finance _____
Engineering _____	Traffic Mgmt. _____
Production _____	Data Processing _____
Purchasing _____	EDI _____
Plant Maint. _____	ISO 9000 _____
Sales Mgmt. _____	Metric Standards _____
Export Sales _____	Product/Sales Inquiries _____
Advertising _____	Other (please specify) _____

APPENDIX B

Titles of 2 B Digit SICs

STANDARD INDUSTRIAL CLASSIFICATION

Titles and Descriptions of Industries

Division A. Agriculture, forestry, and fishing

- Major Group 01. Agricultural production-crops
- Major Group 02. Agricultural production livestock and animal specialties
- Major Group 07. Agricultural services
- Major Group 08. Forestry
- Major Group 09. Fishing, hunting, and trapping

Division B. Mining

- Major Group 10. Metal mining
- Major Group 12. Coal mining
- Major Group 13. Oil and gas extraction
- Major Group 14. Mining and quarrying of nonmetallic minerals, except fuels

Division C. Construction

- Major Group 15. Building construction – general contractors and operative builders
- Major Group 16. Heavy construction other than building construction – contractors
- Major Group 17. Construction – special trade contractors

Division D. Manufacturing

- Major Group 20. Food and kindred products
- Major Group 21. Tobacco products
- Major Group 22. Textile mill products
- Major Group 23. Apparel and other finished products made from fabrics and similar materials
- Major Group 24. Lumber and wood products, except furniture
- Major Group 25. Furniture and fixtures
- Major Group 26. Paper and allied products
- Major Group 27. Printing, publishing, and allied industries
- Major Group 28. Chemicals and allied products
- Major Group 29. Petroleum refining and related industries
- Major Group 30. Rubber and miscellaneous plastics products
- Major Group 31. Leather and leather products
- Major Group 32. Stone, clay, glass, and concrete products
- Major Group 33. Primary metal industries
- Major Group 34. Fabricated metal products, except machinery and transportation equipment
- Major Group 35. Industrial and commercial machinery and computer equipment
- Major Group 36. Electronic and other electrical equipment and components, except computer equipment
- Major Group 37. Transportation equipment
- Major Group 38. Measuring, analyzing, and controlling instruments; photographic, medical and optical goods; watches and clocks
- Major Group 39. Miscellaneous manufacturing industries
- Major Group 40. Railroad transportation
- Major Group 41. Local and suburban transit and interurban highway passenger transportation
- Major Group 42. Motor Freight transportation and warehousing
- Major Group 43. United States Postal Service
- Major Group 44. Water transportation
- Major Group 45. Transportation by air
- Major Group 46. Pipelines, except natural gas
- Major Group 47. Transportation services

- Major Group 48. Communications
- Major Group 49. Electric, gas, and sanitary services
- Division F. Wholesale trade
 - Major Group 50. Wholesale trade-durable goods
 - Major Group 51. Wholesale trade-nondurable goods
- Division G. Retail trade
 - Major Group 52. Building materials, hardware, garden supply, and mobile home dealers
 - Major Group 53. General merchandise stores
 - Major Group 54. Food stores
 - Major Group 55. Automotive dealers and gasoline service stations
 - Major Group 56. Apparel and accessory stores
 - Major Group 57. Home furniture, furnishings, and equipment stores
 - Major Group 58. Eating and drinking places
- Division H. Finance, insurance, and real estate
 - Major Group 60. Depository institutions
 - Major Group 61. Nondepository credit institutions
 - Major Group 62. Security and commodity brokers, dealers, exchanges, and services
 - Major Group 63. Insurance earners
 - Major Group 64. Insurance agents, brokers, and service
 - Major Group 65. Real estate
 - Major Group 67. Holding and other investment offices
- Division I. Services
 - Major Group 70. Hotels, rooming houses, camps, and other lodging places
 - Major Group 72. Personal services
 - Major Group 73. Business services
 - Major Group 75. Automotive repair, services, and parking
 - Major Group 76. Miscellaneous repair services
 - Major Group 79. Motion pictures
 - Major Group 79. Amusement and recreation services
 - Major Group 80. Health services
 - Major Group 81. Legal services
 - Major Group 82. Educational services
 - Major Group 83. Social services
 - Major Group 84. Museums, art galleries, and botanical and zoological gardens
 - Major Group 86. Membership organizations
 - Major Group 87. Engineering, accounting, research, management, and related services
 - Major Group 88. Private households
 - Major Group 89. Miscellaneous services
- Division J. Public administration
 - Major Group 91. Executive, legislative, and general government, except finance
 - Major Group 92. Justice, public order, and safety
 - Major Group 93. Public finance, taxation, and monetary policy
 - Major Group 94. Administration of human resource programs
 - Major Group 95. Administration of environmental quality and housing programs
 - Major Group 96. Administration of economic programs
 - Major Group 97. National security and international affairs
- Division K. Nonclassifiable establishments
 - Major Group 99. Nonclassifiable establishments

APPENDIX C

Detailed Tables 1 -- 6

for

1996, 1997, & 1998 Editions of Thomas Register

Table 1-96. SIC Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1996 Edition

Primary SIC	Thomas Register Listees		Companies Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
01	1	0.00	0	0.00	0.00
12	2	0.00	2	0.03	100.00
14	15	0.03	0	0.00	0.00
15	1	0.00	1	0.01	100.00
16	1	0.00	0	0.00	0.00
17	2	0.00	0	0.00	0.00
20	237	0.49	20	0.26	8.44
21	7	0.01	1	0.01	14.29
22	452	0.96	58	0.75	12.83
23	628	1.32	32	0.41	5.10
24	675	1.40	79	1.02	11.70
25	951	1.98	80	1.03	8.41
26	793	1.66	80	1.03	10.09
27	693	1.45	56	0.72	8.08
28	1924	4.02	299	3.86	15.54
29	287	0.60	45	0.58	15.68
30	4074	8.50	749	9.67	18.38
31	272	0.58	15	0.19	5.51
32	1154	2.38	187	2.42	16.20
33	1703	3.56	361	4.66	21.20
34	7301	15.22	1350	17.44	18.49
35	11472	23.94	2087	26.96	18.19
36	4410	9.23	712	9.20	16.15
37	916	1.90	105	1.36	11.46
38	4232	8.84	727	9.39	17.18
39	2161	4.50	197	2.54	9.12
41	1	0.00	0	0.00	0.00
42	1	0.00	0	0.00	0.00
45	3	0.01	0	0.00	0.00
47	4	0.01	0	0.00	0.00
48	1	0.00	0	0.00	0.00
49	17	0.04	1	0.01	5.88
50	11	0.02	0	0.00	0.00
62	3	0.01	0	0.00	0.00
72	2	0.00	0	0.00	0.00
73	1210	2.51	89	1.15	7.36
75	12	0.03	0	0.00	0.00
76	272	0.57	43	0.56	15.81
78	3	0.00	0	0.00	0.00
79	9	0.01	1	0.01	11.11
83	13	0.03	2	0.03	15.38
86	1	0.00	0	0.00	0.00
87	316	0.66	49	0.63	15.51
89	14	0.03	2	0.03	14.29
94	1	0.00	0	0.00	0.00
95	4	0.01	1	0.01	25.00
N/S	1682	3.51	311	4.02	18.49
TOTAL	47944	100.00	7742	100.00	16.15

Table 1-97. SIC Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1997 Edition

Primary SIC	Thomas Register Listees		Companies Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
01	1	0.00	0	0.00	0.00
12	3	0.00	2	0.02	66.67
13	1	0.00	0	0.00	0.00
14	17	0.02	2	0.02	11.76
15	1	0.00	1	0.01	100.00
16	1	0.00	0	0.00	0.00
17	2	0.00	0	0.00	0.00
20	278	0.43	39	0.33	14.03
21	8	0.01	1	0.01	12.50
22	512	0.80	84	0.70	16.41
23	775	1.21	47	0.39	6.06
24	814	1.26	109	0.91	13.39
25	1148	1.80	125	1.05	10.89
26	925	1.47	129	1.08	13.95
27	833	1.30	84	0.70	10.08
28	2350	3.70	411	3.45	17.49
29	337	0.53	65	0.55	19.29
30	4760	7.47	1087	9.12	22.84
31	337	0.53	26	0.22	7.72
32	1362	2.13	253	2.12	18.58
33	1959	3.08	491	4.12	25.06
34	8465	13.31	1848	15.50	21.83
35	13261	20.86	2945	24.70	22.21
36	5142	8.10	1017	8.53	19.78
37	1059	1.67	156	1.31	14.73
38	4894	7.68	1047	8.78	21.39
39	2544	4.01	286	2.40	11.24
41	1	0.00	0	0.00	0.00
42	2	0.00	0	0.00	0.00
45	3	0.00	0	0.00	0.00
47	4	0.00	0	0.00	0.00
48	1	0.00	0	0.00	0.00
49	23	0.05	2	0.02	8.70
50	14	0.02	1	0.01	7.14
62	3	0.00	1	0.01	33.33
67	1	0.00	0	0.00	0.00
72	3	0.00	2	0.02	66.67
73	1411	2.20	128	1.07	9.07
75	14	0.02	1	0.01	7.14
76	323	0.50	57	0.48	17.65
78	3	0.00	0	0.00	0.00
79	11	0.01	2	0.02	18.18
83	14	0.02	3	0.03	21.43
86	2	0.00	1	0.01	50.00
87	376	0.59	75	0.63	19.95
89	17	0.03	2	0.02	11.76
94	1	0.00	0	0.00	0.00
95	5	0.01	1	0.01	20.00
N/S	9565	15.04	1393	11.68	14.56
TOTAL	63586	100.00	11924	100.00	18.75

Table 1-98. SIC Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1998 Edition

Primary SIC	Thomas Register Listees		Companies Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
01	1		0	0.00	0.00
02	1	0.00	0	0.00	0.00
12	3	0.00	2	0.01	66.67
13	1	0.00	0	0.00	0.00
14	17	0.02	2	0.01	11.76
15	1	0.00	1	0.01	100.00
16	1	0.00	0	0.00	0.00
17	2	0.00	0	0.00	0.00
20	280	0.40	41	0.29	14.64
21	8	0.01	1	0.01	12.50
22	520	0.75	88	0.63	16.92
23	786	1.13	50	0.36	6.36
24	842	1.20	121	0.87	14.37
25	1194	1.72	129	0.93	10.80
26	951	1.35	152	1.09	15.98
27	853	1.22	91	0.65	10.67
28	2411	3.45	471	3.38	19.54
29	340	0.49	77	0.55	22.65
30	4841	6.94	1196	8.59	24.71
31	343	0.50	28	0.20	8.16
32	1380	1.97	281	2.02	20.36
33	2030	2.91	555	3.99	27.34
34	8660	12.44	2037	14.63	23.52
35	13556	19.48	3263	23.44	24.07
36	5171	7.42	1125	8.08	21.76
37	1110	1.60	182	1.31	16.40
38	4949	7.12	1156	8.31	23.36
39	2597	3.74	320	2.30	12.32
41	1	0.00	0	0.00	0.00
42	3	0.00	0	0.00	0.00
45	2	0.00	0	0.00	0.00
47	4	0.00	0	0.00	0.00
48	1	0.00	0	0.00	0.00
49	26	0.05	5	0.04	19.23
50	14	0.02	0	0.00	0.00
62	3	0.00	1	0.01	33.33
67	1	0.00	0	0.00	0.00
72	3	0.00	2	0.01	66.67
73	1384	2.00	142	1.02	10.26
75	14	0.02	1	0.01	7.14
76	329	0.47	59	0.42	17.93
78	3	0.00	0	0.00	0.00
79	11	0.01	2	0.01	18.18
83	15	0.02	3	0.02	20.00
86	2	0.00	1	0.01	50.00
87	385	0.53	89	0.64	23.12
89	19	0.03	2	0.01	10.53
94	1	0.00	0	0.00	0.00
95	3	0.00	0	0.00	0.00
N/S	14549	20.90	2243	16.11	15.42
TOTAL	69622	100.00	13919	100.00	19.99

Table 2-96. Location Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1996 Edition

State/Region	Thomas Register Listees		Companies Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
CT	1599	3.34	395	5.10	24.70
DE	118	0.25	20	0.26	16.95
MA	2011	4.19	276	3.56	13.72
MD	555	1.16	133	1.72	23.96
ME	221	0.46	16	0.21	7.24
NH	517	1.08	61	0.79	11.80
NJ	3148	6.57	467	6.03	14.83
NY	3441	7.18	633	8.18	18.40
PA	3024	6.31	457	5.90	15.11
RI	417	0.87	68	0.88	16.31
VT	153	0.32	32	0.41	20.92
S/T Northeast	15204	31.73	2558	33.04	16.82
AL	378	0.79	78	1.01	20.63
DC	12	0.03	1	0.01	8.33
FL	1796	3.75	256	3.31	14.25
GA	679	1.42	151	1.95	22.24
KY	347	0.72	50	0.65	14.41
MS	99	0.21	17	0.22	17.17
NC	949	1.98	110	1.42	11.59
SC	371	0.77	54	0.70	14.56
TN	538	1.12	93	1.20	17.29
VA	630	1.31	141	1.82	22.38
WV	113	0.24	13	0.17	11.50
S/T Southeast	5912	12.34	964	12.45	16.31
IA	470	0.98	45	0.58	9.57
IL	3556	7.42	432	5.58	12.15
IN	1313	2.74	223	2.88	16.98
KS	276	0.58	26	0.34	9.42
MI	2659	5.55	567	7.32	21.32
MN	1420	2.96	240	3.10	16.90
MO	739	1.54	114	1.47	15.43
ND	19	0.04	2	0.03	10.53
NE	155	0.32	6	0.08	3.87
OH	3600	7.51	605	7.81	16.81
SD	51	0.11	2	0.03	3.92
WI	1697	3.54	270	3.49	15.91
S/T Midwest North	15955	33.29	2532	32.70	15.87
AR	212	0.44	55	0.71	25.94
LA	257	0.54	25	0.32	9.73
OK	380	0.79	42	0.54	11.05
TX	2293	4.78	322	4.16	14.04
S/T Midwest South	3142	6.55	444	5.73	14.13
AK	2	0.00	0	0.00	0.00
ID	53	0.11	3	0.04	5.66
MT	33	0.07	5	0.06	15.15
OR	485	1.01	48	0.62	9.90
WA	638	1.33	79	1.02	12.38
WY	26	0.05	1	0.01	3.85
S/T Northwest	1237	2.57	136	1.76	10.99
AZ	395	0.82	57	0.74	14.43
CA	5216	10.88	881	11.38	16.89
CO	565	1.18	104	1.34	18.41
HI	10	0.02	1	0.01	10.00
NM	56	0.12	8	0.10	14.29
NV	106	0.22	34	0.44	32.08
UT	144	0.30	23	0.30	15.97
S/T Southwest	6492	13.54	1108	14.31	17.07
N/S	2	0.00	0	0.00	0.00
TOTAL	47944	100.00	7742	100.00	16.15

Table 2-97. Location Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1997 Edition

State/Region	Thomas Register Listees		Companies Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
CT	2010	3.16	542	4.55	26.97
DE	147	0.23	27	0.23	18.37
MA	2685	4.22	418	3.51	15.57
MD	778	1.22	183	1.53	23.52
ME	285	0.45	24	0.20	8.42
NH	683	1.07	117	0.98	17.13
NJ	3830	6.02	735	6.16	19.19
NY	4421	6.95	914	7.67	20.67
PA	4025	6.33	698	5.85	17.34
RI	542	0.85	99	0.83	18.27
VT	198	0.31	42	0.35	21.21
S/T Northeast	19604	30.81	3799	31.86	19.38
AL	522	0.82	123	1.03	23.56
DC	14	0.02	2	0.02	14.29
FL	2331	3.67	398	3.34	17.07
GA	913	1.44	233	1.95	25.52
KY	484	0.76	70	0.59	14.46
MS	146	0.23	24	0.20	16.44
NC	1339	2.11	197	1.65	14.71
SC	545	0.86	121	1.01	22.20
TN	724	1.14	129	1.08	17.82
VA	849	1.34	205	1.72	24.15
WV	146	0.23	19	0.16	13.01
S/T Southeast	8013	12.62	1521	12.76	18.98
IA	597	0.94	71	0.60	11.89
IL	4499	7.08	732	6.14	16.27
IN	1713	2.69	331	2.78	19.32
KS	380	0.60	36	0.30	9.47
MI	3416	5.37	811	6.80	23.74
MN	1817	2.86	375	3.14	20.64
MO	1000	1.57	188	1.58	18.80
ND	24	0.04	4	0.03	16.67
NE	206	0.32	19	0.16	9.22
OH	4647	7.31	978	8.20	21.05
SD	70	0.11	6	0.05	8.57
WI	2316	3.64	409	3.43	17.66
S/T Midwest North	20685	32.53	3960	33.21	19.14
AR	292	0.46	76	0.64	26.03
LA	374	0.59	46	0.39	12.30
OK	527	0.83	65	0.55	12.33
TX	3189	5.02	496	4.16	15.55
S/T Midwest South	4382	6.90	683	5.73	15.59
AK	5	0.01	1	0.01	20.00
ID	98	0.15	10	0.08	10.20
MT	52	0.08	7	0.06	13.46
OR	666	1.05	75	0.63	11.26
WA	909	1.43	136	1.14	14.96
WY	38	0.06	2	0.02	5.26
S/T Northwest	1768	2.78	231	1.94	13.07
AZ	545	0.86	102	0.86	18.72
CA	7333	11.53	1349	11.31	18.40
CO	772	1.21	182	1.53	23.58
HI	19	0.03	1	0.01	5.26
NM	89	0.14	17	0.14	19.10
NV	148	0.23	42	0.35	28.38
UT	222	0.35	36	0.30	16.22
S/T Southwest	9128	14.35	1729	14.50	18.94
N/S	6	0.01	1	0.01	16.67
TOTAL	63586	100.00	11924	100.00	18.75

Table 2-98. Location Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1998 Edition

State/Region	Thomas Register Listees		Companies Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
CT	2162	3.11	604	4.34	27.94
DE	163	0.23	33	0.24	20.25
MA	2876	4.13	495	3.56	17.21
MD	911	1.31	202	1.45	22.17
ME	307	0.44	30	0.22	9.77
NH	743	1.07	135	0.97	18.17
NJ	3948	5.67	841	6.04	21.30
NY	4644	6.67	1042	7.49	22.44
PA	4295	6.17	825	5.93	19.21
RI	573	0.82	114	0.82	19.90
VT	203	0.29	46	0.33	22.66
S/T Northeast	20825	29.91	4367	31.37	20.97
AL	583	0.84	143	1.03	24.53
DC	17	0.02	2	0.01	11.76
FL	2565	3.68	458	3.29	17.86
GA	1038	1.49	266	1.91	25.63
KY	519	0.75	85	0.61	16.38
MS	163	0.23	29	0.21	17.79
NC	1466	2.11	225	1.62	15.35
SC	628	0.90	161	1.16	25.64
TN	800	1.15	146	1.05	18.25
VA	926	1.33	231	1.66	24.95
WV	161	0.23	25	0.18	15.53
S/T Southeast	8866	12.73	1771	12.72	19.98
IA	622	0.89	75	0.54	12.06
IL	4738	6.81	899	6.46	18.97
IN	2474	3.55	379	2.72	15.32
KS	429	0.62	43	0.31	10.02
MI	4021	5.78	944	6.78	23.48
MN	2055	2.95	464	3.33	22.58
MO	1081	1.55	220	1.58	20.35
ND	26	0.04	4	0.03	15.38
NE	231	0.33	25	0.18	10.82
OH	4963	7.13	1137	8.17	22.91
SD	74	0.11	7	0.05	9.46
WI	2466	3.54	462	3.32	18.73
S/T Midwest North	23180	33.30	4659	33.47	20.10
AR	333	0.48	107	0.77	32.13
LA	400	0.57	51	0.37	12.75
OK	575	0.83	85	0.61	14.78
TX	3495	5.02	584	4.20	16.71
S/T Midwest South	4803	6.90	827	5.94	17.22
AK	6	0.01	1	0.01	16.67
ID	118	0.17	13	0.09	11.02
MT	63	0.09	6	0.04	9.52
OR	813	1.17	94	0.68	11.56
WA	993	1.43	162	1.16	16.31
WY	43	0.06	5	0.04	11.63
S/T Northwest	2036	2.93	281	2.02	13.80
AZ	605	0.87	122	0.88	20.17
CA	7915	11.37	1541	11.07	19.47
CO	848	1.22	236	1.70	27.83
HI	18	0.03	2	0.01	11.11
NM	105	0.15	21	0.15	20.00
NV	159	0.23	47	0.34	29.56
UT	252	0.36	44	0.32	17.46
S/T Southwest	9902	14.23	2013	14.46	20.33
N/S	10	0.01	1	0.01	10.00
TOTAL	69622	100.00	13919	100.00	19.99

Table 3-96. Exporters Among Thomas Register Listed Companies -1996 Edition

Primary SIC	Thomas Register Listees		Thomas Register Exporters		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
01	1	0.00	0	0.00	0.00
12	2	0.00	2	0.01	100.00
14	15	0.03	2	0.01	13.33
15	1	0.00	1	0.00	100.00
16	1	0.00	0	0.00	0.00
17	2	0.00	0	0.00	0.00
20	237	0.49	93	0.43	39.24
21	7	0.01	4	0.02	57.14
22	452	0.96	220	1.01	48.67
23	628	1.32	242	1.11	38.54
24	675	1.40	218	1.00	32.30
25	951	1.98	326	1.50	34.28
26	793	1.66	276	1.27	34.80
27	693	1.45	205	0.94	29.58
28	1924	4.02	1017	4.68	52.86
29	287	0.60	145	0.67	50.52
30	4074	8.50	1748	8.04	42.91
31	272	0.58	114	0.52	41.91
32	1154	2.38	463	2.13	40.12
33	1703	3.56	668	3.07	39.22
34	7301	15.22	2904	13.36	39.78
35	11472	23.94	5431	24.99	47.34
36	4410	9.23	2356	10.84	53.42
37	916	1.90	439	2.02	47.93
38	4232	8.84	2555	11.76	60.37
39	2161	4.50	900	4.14	41.65
41	1	0.00	0	0.00	0.00
42	1	0.00	0	0.00	0.00
45	3	0.01	0	0.00	0.00
47	4	0.01	1	0.00	25.00
48	1	0.00	1	0.00	100.00
49	17	0.04	6	0.03	35.29
50	11	0.02	2	0.01	18.18
62	3	0.01	3	0.01	100.00
72	2	0.00	1	0.00	50.00
73	1210	2.51	612	2.82	50.58
75	12	0.03	5	0.02	41.67
76	272	0.57	70	0.32	25.74
78	3	0.00	1	0.00	33.33
79	9	0.01	6	0.03	66.67
83	13	0.03	9	0.04	69.23
86	1	0.00	0	0.00	0.00
87	316	0.66	152	0.70	48.10
89	14	0.03	4	0.02	28.57
94	1	0.00	0	0.00	0.00
95	4	0.01	2	0.01	50.00
N/S	1682	3.51	529	2.43	31.45
TOTAL	47944	100.00	21733	100.00	45.33

Table 3-97. Exporters Among Thomas Register Listed Companies -1997 Edition

Primary SIC	Thomas Register Listees		Thomas Register Exporters		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
01	1	0.00	0	0.00	0.00
12	3	0.00	3	0.01	100.00
13	1	0.00	1	0.00	100.00
14	17	0.02	3	0.01	17.65
15	1	0.00	1	0.00	100.00
16	1	0.00	0	0.00	0.00
17	2	0.00	1	0.00	50.00
20	278	0.43	122	0.43	43.88
21	8	0.01	5	0.02	62.50
22	512	0.80	269	0.95	52.54
23	775	1.21	296	1.04	38.19
24	814	1.26	273	0.96	33.54
25	1148	1.80	426	1.50	37.11
26	925	1.47	343	1.21	37.08
27	833	1.30	258	0.91	30.97
28	2350	3.70	1319	4.65	56.13
29	337	0.53	182	0.64	54.01
30	4760	7.47	2213	7.80	46.49
31	337	0.53	150	0.53	44.51
32	1362	2.13	594	2.09	43.61
33	1959	3.08	834	2.94	42.57
34	8465	13.31	3578	12.61	42.27
35	13261	20.86	6667	23.50	50.28
36	5142	8.10	2860	10.08	55.62
37	1059	1.67	535	1.89	50.52
38	4894	7.68	3124	11.01	63.83
39	2544	4.01	1131	3.99	44.46
41	1	0.00	0	0.00	0.00
42	2	0.00	0	0.00	0.00
45	3	0.00	0	0.00	0.00
47	4	0.00	1	0.00	25.00
48	1	0.00	1	0.00	100.00
49	23	0.05	8	0.03	34.78
50	14	0.02	4	0.01	28.57
62	3	0.00	3	0.01	100.00
67	1	0.00	0	0.00	0.00
72	3	0.00	2	0.01	66.67
73	1411	2.20	739	2.60	52.37
75	14	0.02	6	0.02	42.86
76	323	0.50	86	0.30	26.63
78	3	0.00	1	0.00	33.33
79	11	0.01	10	0.04	90.91
83	14	0.02	10	0.04	71.43
86	2	0.00	0	0.00	0.00
87	376	0.59	182	0.64	48.40
89	17	0.03	6	0.02	35.29
94	1	0.00	0	0.00	0.00
95	5	0.01	2	0.01	40.00
N/S	9565	15.04	2123	7.48	22.20
TOTAL	63586	100.00	28372	100.00	44.62

Table 3-98. Exporters Among Thomas Register Listed Companies -1998 Edition

Primary SIC	Thomas Register Listees		Thomas Register Exporters		
	Quantity	% of Total	Quantity	% of Total	% of TR Listees
01	1	0.00	0	0.00	0.00
02	1	0.00	0	0.00	0.00
12	3	0.00	3	0.01	100.00
13	1	0.00	1	0.00	100.00
14	17	0.02	3	0.01	17.65
15	1	0.00	1	0.00	100.00
16	1	0.00	0	0.00	0.00
17	2	0.00	1	0.00	50.00
20	280	0.40	127	0.40	45.36
21	8	0.01	5	0.02	62.50
22	520	0.75	280	0.89	53.85
23	786	1.13	309	0.98	39.31
24	842	1.20	287	0.91	34.09
25	1194	1.72	428	1.36	35.85
26	951	1.35	368	1.17	38.70
27	853	1.22	274	0.87	32.12
28	2411	3.45	1369	4.35	56.78
29	340	0.49	197	0.63	57.94
30	4841	6.94	2331	7.41	48.15
31	343	0.50	154	0.49	44.90
32	1380	1.97	625	1.99	45.29
33	2030	2.91	898	2.85	44.24
34	8660	12.44	3800	12.08	43.88
35	13556	19.48	7041	22.37	51.94
36	5171	7.42	2967	9.43	57.38
37	1110	1.60	566	1.80	50.99
38	4949	7.12	3240	10.30	65.47
39	2597	3.74	1179	3.75	45.40
41	1	0.00	0	0.00	0.00
42	3	0.00	1	0.00	33.33
45	2	0.00	0	0.00	0.00
47	4	0.00	1	0.00	25.00
48	1	0.00	1	0.00	100.00
49	26	0.05	12	0.04	46.15
50	14	0.02	4	0.01	28.57
62	3	0.00	3	0.01	100.00
67	1	0.00	0	0.00	0.00
72	3	0.00	2	0.01	66.67
73	1384	2.00	736	2.34	53.18
75	14	0.02	6	0.02	42.86
76	329	0.47	94	0.30	28.57
78	3	0.00	1	0.00	33.33
79	11	0.01	9	0.03	81.82
83	15	0.02	10	0.03	66.67
86	2	0.00	0	0.00	0.00
87	385	0.53	192	0.61	49.87
89	19	0.03	7	0.02	36.84
94	1	0.00	0	0.00	0.00
95	3	0.00	1	0.00	33.33
N/S	14549	20.90	3935	12.50	27.05
TOTAL	69622	100.00	31469	100.00	45.20

Table 4-96. Exporters Conforming to Metric Standards Among
Thomas Register Exporters - 1996 Edititon

Primary SIC	Thomas Register Exporters		Exporters Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Exporters
01	0	0.00	0	0.00	0.00
12	2	0.01	2	0.03	100.00
14	2	0.00	0	0.00	0.00
15	1	0.00	1	0.02	100.00
16	0	0.00	0	0.00	0.00
17	0	0.00	0	0.00	0.00
20	93	0.41	14	0.24	15.05
21	4	0.02	1	0.02	25.00
22	220	0.99	52	0.90	23.64
23	242	1.10	25	0.43	10.33
24	218	1.00	58	1.00	26.61
25	326	1.49	61	1.05	18.71
26	276	1.26	64	1.10	23.19
27	205	0.94	37	0.64	18.05
28	1017	4.70	243	4.19	23.89
29	145	0.67	38	0.66	26.21
30	1748	8.03	559	9.64	31.98
31	114	0.52	12	0.21	10.53
32	463	2.12	141	2.43	30.45
33	668	3.06	254	4.38	38.02
34	2904	13.39	959	16.53	33.02
35	5431	24.99	1533	26.43	28.23
36	2356	10.85	582	10.03	24.70
37	439	2.02	77	1.33	17.54
38	2555	11.73	608	10.48	23.80
39	900	4.14	134	2.31	14.89
41	0	0.00	0	0.00	0.00
42	0	0.00	0	0.00	0.00
45	0	0.00	0	0.00	0.00
47	1	0.00	0	0.00	0.00
48	1	0.00	0	0.00	0.00
49	6	0.02	1	0.02	16.67
50	2	0.01	0	0.00	0.00
62	3	0.01	0	0.00	0.00
72	1	0.00	0	0.00	0.00
73	612	2.81	65	1.12	10.62
75	5	0.02	0	0.00	0.00
76	70	0.31	22	0.38	31.43
78	1	0.00	0	0.00	0.00
79	6	0.03	1	0.02	16.67
83	9	0.04	1	0.02	11.11
86	0	0.00	0	0.00	0.00
87	152	0.69	37	0.64	24.34
89	4	0.02	1	0.02	25.00
94	0	0.00	0	0.00	0.00
95	2	0.01	1	0.02	50.00
N/S	529	2.43	217	3.74	41.02
TOTAL	21733	100.00	5801	100.00	26.69

Table 4-97. Exporters Conforming to Metric Standards Among
Thomas Register Exporter - 1997 Edition

Primary SIC	Thomas Register Exporters		Exporters Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Exporters
01	0	0.00	0	0.00	0.00
12	3	0.01	2	0.02	66.67
13	1	0.00	0	0.00	0.00
14	3	0.00	1	0.01	33.33
15	1	0.00	1	0.01	100.00
16	0	0.00	0	0.00	0.00
17	1	0.00	0	0.00	0.00
20	122	0.41	30	0.34	24.59
21	5	0.02	1	0.01	20.00
22	269	0.97	72	0.81	26.77
23	296	1.03	34	0.38	11.49
24	273	0.96	76	0.86	27.84
25	426	1.52	97	1.09	22.77
26	343	1.19	101	1.14	29.45
27	258	0.90	55	0.62	21.32
28	1319	4.65	345	3.88	26.16
29	182	0.64	53	0.60	29.12
30	2213	7.80	814	9.16	36.78
31	150	0.52	21	0.24	14.00
32	594	2.09	195	2.19	32.83
33	834	2.95	346	3.89	41.49
34	3578	12.63	1327	14.93	37.09
35	6667	23.50	2162	24.33	32.43
36	2860	10.06	825	9.28	28.85
37	535	1.88	119	1.34	22.24
38	3124	11.00	887	9.98	28.39
39	1131	3.99	206	2.32	18.21
41	0	0.00	0	0.00	0.00
42	0	0.00	0	0.00	0.00
45	0	0.00	0	0.00	0.00
47	1	0.00	0	0.00	0.00
48	1	0.00	0	0.00	0.00
49	8	0.03	2	0.02	25.00
50	4	0.01	0	0.00	0.00
62	3	0.01	1	0.01	33.33
67	0	0.00	0	0.00	0.00
72	2	0.00	2	0.02	100.00
73	739	2.60	99	1.11	13.40
75	6	0.02	1	0.01	16.67
76	86	0.31	27	0.30	31.40
78	1	0.00	0	0.00	0.00
79	10	0.03	2	0.02	20.00
83	10	0.04	2	0.02	20.00
86	0	0.00	0	0.00	0.00
87	182	0.63	56	0.63	30.77
89	6	0.02	1	0.01	16.67
94	0	0.00	0	0.00	0.00
95	2	0.01	1	0.01	50.00
N/S	2123	7.48	922	10.38	43.43
TOTAL	28372	100.00	8886	100.00	31.32

Table 4-98. Exporters Conforming to Metric Standards Among
Thomas Register Exporters - 1998 Edititon

Primary SIC	Thomas Register Exporters		Exporters Conforming to Metric Standards		
	Quantity	% of Total	Quantity	% of Total	% of TR Exporters
01	0	0.00	0	0.00	0.00
02	0	0.00	0	0.00	0.00
12	3	0.01	2	0.02	66.67
13	1	0.00	0	0.00	0.00
14	3	0.00	1	0.01	33.33
15	1	0.00	1	0.01	100.00
16	0	0.00	0	0.00	0.00
17	1	0.00	0	0.00	0.00
20	127	0.39	33	0.32	25.98
21	5	0.02	1	0.01	20.00
22	280	0.91	76	0.74	27.14
23	309	0.97	40	0.39	12.94
24	287	0.91	86	0.83	29.97
25	428	1.37	95	0.92	22.20
26	368	1.14	117	1.13	31.79
27	274	0.88	57	0.55	20.80
28	1369	4.34	389	3.76	28.41
29	197	0.62	62	0.60	31.47
30	2331	7.40	896	8.67	38.44
31	154	0.49	23	0.22	14.94
32	625	1.97	212	2.05	33.92
33	898	2.87	388	3.75	43.21
34	3800	12.09	1462	14.15	38.47
35	7041	22.37	2416	23.38	34.31
36	2967	9.44	915	8.85	30.84
37	566	1.78	134	1.30	23.67
38	3240	10.31	987	9.55	30.46
39	1179	3.74	229	2.22	19.42
41	0	0.00	0	0.00	0.00
42	1	0.00	0	0.00	0.00
45	0	0.00	0	0.00	0.00
47	1	0.00	0	0.00	0.00
48	1	0.00	0	0.00	0.00
49	12	0.04	5	0.05	41.67
50	4	0.01	0	0.00	0.00
62	3	0.01	1	0.01	33.33
67	0	0.00	0	0.00	0.00
72	2	0.00	2	0.02	100.00
73	736	2.34	112	1.08	15.22
75	6	0.02	1	0.01	16.67
76	94	0.31	31	0.30	32.98
78	1	0.00	0	0.00	0.00
79	9	0.03	2	0.02	22.22
83	10	0.03	2	0.02	20.00
86	0	0.00	0	0.00	0.00
87	192	0.60	62	0.60	32.29
89	7	0.02	1	0.01	14.29
94	0	0.00	0	0.00	0.00
95	1	0.00	0	0.00	0.00
N/S	3935	12.50	1494	14.46	37.97
TOTAL	31469	100.00	10335	100.00	32.84

Table 5-96. Company Size Analysis of Thomas Register Listed Companies - 1996 Edition

Primary SIC	Thomas Register Listees		Company Size Category (Quantity of Employees)											
			1 - 99			100 - 499			500+			Non Specified		
	Qty	% Total	Qty	% Total	% Listees	Qty	% Total	% Listees	Qty	% Total	% Listees	Qty	% Total	% Listees
01	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
12	2	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	2	0.01	100.00
14	15	0.03	11	0.03	73.33	3	0.05	20.00	1	0.06	6.67	0	0.00	0.00
15	1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.01	100.00
16	1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.01	100.00
17	2	0.00	1	0.00	50.00	0	0.00	0.00	0	0.00	0.00	1	0.01	50.00
20	237	0.49	126	0.47	53.16	61	1.00	25.74	20	1.29	8.44	30	0.22	12.66
21	7	0.01	4	0.02	57.14	2	0.03	28.57	0	0.00	0.00	1	0.01	14.29
22	452	0.96	221	0.87	48.89	81	1.33	17.92	24	1.52	5.31	126	0.89	27.88
23	628	1.32	370	1.41	58.92	101	1.67	16.08	37	2.35	5.89	120	0.87	19.11
24	675	1.40	461	1.76	68.30	94	1.54	13.93	18	1.15	2.67	102	0.73	15.11
25	951	1.98	566	2.16	59.52	157	2.58	16.51	42	2.70	4.42	186	1.32	19.56
26	793	1.66	388	1.46	48.93	140	2.29	17.65	44	2.84	5.55	221	1.59	27.87
27	693	1.45	436	1.66	62.91	102	1.67	14.72	15	0.96	2.16	140	1.00	20.20
28	1924	4.02	1147	4.40	59.62	220	3.61	11.43	69	4.44	3.59	488	3.48	25.36
29	287	0.60	151	0.57	52.61	27	0.44	9.41	17	1.09	5.92	92	0.66	32.06
30	4074	8.50	1960	7.50	48.11	606	9.89	14.87	127	8.22	3.12	1381	9.81	33.90
31	272	0.58	154	0.58	56.62	39	0.64	14.34	11	0.68	4.04	68	0.47	25.00
32	1154	2.38	670	2.53	58.06	142	2.34	12.31	34	2.16	2.95	308	2.21	26.69
33	1703	3.56	785	3.00	46.10	329	5.37	19.32	87	5.61	5.11	502	3.53	29.48
34	7301	15.22	3887	14.84	53.24	972	15.88	13.31	183	11.82	2.51	2259	16.04	30.94
35	11472	23.94	6474	24.70	56.43	1259	20.56	10.97	298	19.26	2.60	3441	24.44	29.99
36	4410	9.23	2142	8.18	48.57	723	11.85	16.39	223	14.42	5.06	1322	9.39	29.98
37	916	1.90	505	1.93	55.13	167	2.73	18.23	44	2.82	4.80	200	1.41	21.83
38	4232	8.84	2352	8.99	55.58	488	7.96	11.53	135	8.73	3.19	1257	8.90	29.70
39	2161	4.50	1507	5.76	69.74	184	3.00	8.51	25	1.58	1.16	445	3.12	20.59
41	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
42	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
45	3	0.01	1	0.00	33.33	0	0.00	0.00	0	0.00	0.00	2	0.01	66.67
47	4	0.01	4	0.01	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
48	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
49	17	0.04	7	0.03	41.18	3	0.05	17.65	1	0.06	5.88	6	0.05	35.29
50	11	0.02	9	0.04	81.82	0	0.00	0.00	0	0.00	0.00	2	0.01	18.18
62	3	0.01	1	0.00	33.33	1	0.02	33.33	0	0.00	0.00	1	0.01	33.33
72	2	0.00	1	0.00	50.00	0	0.00	0.00	1	0.06	50.00	0	0.00	0.00
73	1210	2.51	759	2.88	62.73	85	1.40	7.02	40	2.57	3.31	326	2.31	26.94
75	12	0.03	9	0.03	75.00	1	0.02	8.33	1	0.06	8.33	1	0.01	8.33
76	272	0.57	209	0.80	76.84	19	0.31	6.99	3	0.19	1.10	41	0.29	15.07
78	3	0.00	2	0.00	66.67	0	0.00	0.00	1	0.06	33.33	0	0.00	0.00
79	9	0.01	7	0.03	77.78	0	0.00	0.00	0	0.00	0.00	2	0.01	22.22
83	13	0.03	7	0.03	53.85	2	0.03	15.38	0	0.00	0.00	4	0.03	30.77
86	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
87	316	0.66	209	0.80	66.14	24	0.40	7.59	5	0.31	1.58	78	0.56	24.68
89	14	0.03	11	0.04	78.57	1	0.02	7.14	0	0.00	0.00	2	0.01	14.29
94	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
95	4	0.01	3	0.01	75.00	0	0.00	0.00	0	0.00	0.00	1	0.01	25.00
N/S	1682	3.51	621	2.37	36.92	94	1.53	5.59	35	2.27	2.08	932	6.61	55.41
TOTAL	47944	100.00	26184	100.00	54.61	6127	100.00	12.78	1541	99.00	3.21	14092	100.00	29.39

Table 5-97. Company Size Analysis of Thomas Register Listed Companies - 1997 Edition

Primary SIC	Thomas Register Listees		Company Size Category (Quantity of Employees)											
			1 - 99			100 - 499			500+			Non Specified		
	Qty	% Total	Qty	% Total	% Listees	Qty	% Total	% Listees	Qty	% Total	% Listees	Qty	% Total	% Listees
01	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
12	3	0.00	0	0.00	0.00	0	0.00	0.00	1	0.05	33.33	2	0.01	66.67
13	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
14	17	0.02	12	0.03	70.59	3	0.04	17.65	1	0.05	5.88	1	0.01	5.88
15	1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.01	100.00
16	1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.01	100.00
17	2	0.00	1	0.00	50.00	0	0.00	0.00	0	0.00	0.00	1	0.01	50.00
20	278	0.43	147	0.41	52.88	77	0.99	27.70	22	1.06	7.91	32	0.18	11.51
21	8	0.01	4	0.01	50.00	2	0.03	25.00	1	0.05	12.50	1	0.01	12.50
22	512	0.80	241	0.69	47.07	97	1.23	18.95	30	1.46	5.86	144	0.81	28.13
23	775	1.21	459	1.32	59.23	124	1.60	16.00	50	2.46	6.45	142	0.81	18.32
24	814	1.26	567	1.59	69.66	111	1.44	13.64	23	1.13	2.83	113	0.63	13.88
25	1148	1.80	684	1.94	59.58	201	2.58	17.51	53	2.56	4.62	210	1.14	18.29
26	925	1.47	459	1.30	49.62	173	2.21	18.70	53	2.58	5.73	240	1.30	25.95
27	833	1.30	533	1.50	63.99	116	1.48	13.93	22	1.07	2.64	162	0.88	19.45
28	2350	3.70	1391	3.95	59.19	278	3.56	11.83	102	4.96	4.34	579	3.13	24.64
29	337	0.53	184	0.53	54.60	34	0.44	10.09	18	0.88	5.34	101	0.55	29.87
30	4760	7.47	2331	6.60	48.97	722	9.25	15.17	161	7.78	3.38	1546	8.38	32.48
31	337	0.53	192	0.54	56.97	51	0.67	15.13	18	0.88	5.34	76	0.43	22.55
32	1362	2.13	803	2.26	58.96	166	2.12	12.19	43	2.11	3.16	350	1.93	25.70
33	1959	3.08	920	2.59	46.96	388	4.98	19.81	103	5.00	5.26	548	2.96	27.97
34	8465	13.31	4571	12.97	54.00	1189	15.23	14.05	223	10.80	2.63	2482	13.47	29.32
35	13261	20.86	7655	21.68	57.73	1466	18.84	11.05	354	17.13	2.67	3786	20.54	28.55
36	5142	8.10	2550	7.23	49.59	882	11.35	17.15	282	13.62	5.48	1428	7.77	27.77
37	1059	1.67	604	1.73	57.03	185	2.38	17.47	58	2.81	5.48	212	1.15	20.02
38	4894	7.68	2762	7.85	56.44	574	7.37	11.73	171	8.27	3.49	1387	7.53	28.34
39	2544	4.01	1791	5.07	70.40	234	3.03	9.20	38	1.86	1.49	481	2.60	18.91
41	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
42	2	0.00	1	0.00	50.00	0	0.00	0.00	0	0.00	0.00	1	0.01	50.00
45	3	0.00	1	0.00	33.33	0	0.00	0.00	0	0.00	0.00	2	0.01	66.67
47	4	0.00	4	0.01	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
48	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
49	23	0.05	12	0.03	52.17	4	0.05	17.39	1	0.05	4.35	6	0.04	26.09
50	14	0.02	11	0.04	78.57	1	0.01	7.14	0	0.00	0.00	2	0.01	14.29
62	3	0.00	1	0.00	33.33	1	0.01	33.33	0	0.00	0.00	1	0.01	33.33
67	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
72	3	0.00	1	0.00	33.33	0	0.00	0.00	1	0.05	33.33	1	0.01	33.33
73	1411	2.20	882	2.48	62.51	109	1.40	7.73	49	2.37	3.47	371	2.05	26.29
75	14	0.02	10	0.03	71.43	2	0.02	14.29	1	0.05	7.14	1	0.01	7.14
76	323	0.50	247	0.70	76.47	21	0.27	6.50	3	0.15	0.93	52	0.29	16.10
78	3	0.00	2	0.00	66.67	0	0.00	0.00	1	0.05	33.33	0	0.00	0.00
79	11	0.01	8	0.02	72.73	0	0.00	0.00	0	0.00	0.00	3	0.02	27.27
83	14	0.02	8	0.02	57.14	2	0.03	14.29	0	0.00	0.00	4	0.02	28.57
86	2	0.00	1	0.00	50.00	0	0.00	0.00	1	0.05	50.00	0	0.00	0.00
87	376	0.59	258	0.74	68.62	27	0.34	7.18	6	0.30	1.60	85	0.47	22.61
89	17	0.03	13	0.04	76.47	2	0.03	11.76	0	0.00	0.00	2	0.01	11.76
94	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
95	5	0.01	3	0.01	60.00	0	0.00	0.00	1	0.05	20.00	1	0.01	20.00
N/S	9565	15.04	4947	14.02	51.72	554	7.11	5.79	178	8.60	1.86	3886	21.07	40.63
TOTAL	63586	100.00	35277	100.00	55.48	7796	100.00	12.26	2069	100.00	3.25	18444	100.00	29.01

Table 5-98. Company Size Analysis of Thomas Register Listed Companies - 1998 Edition

Primary SIC	Thomas Register Listees		Company Size Category (Quantity of Employees)											
			1 - 99			100 - 499			500+			Non Specified		
	Qty	% Total	Qty	% Total	% Listees	Qty	% Total	% Listees	Qty	% Total	% Listees	Qty	% Total	% Listees
01	1	0.00	0	0.00	0.00	0	0.00	0.00	1	0.04	100.00	0	0.00	0.00
02	1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.00	100.00
12	3	0.00	0	0.00	0.00	0	0.00	0.00	1	0.04	33.33	2	0.01	66.67
13	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
14	17	0.02	12	0.03	70.59	3	0.03	17.65	1	0.04	5.88	1	0.00	5.88
15	1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.00	100.00
16	1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.00	100.00
17	2	0.00	1	0.00	50.00	0	0.00	0.00	0	0.00	0.00	1	0.00	50.00
20	280	0.40	150	0.39	53.57	79	0.93	28.21	20	0.88	7.14	31	0.15	11.07
21	8	0.01	4	0.01	50.00	2	0.02	25.00	1	0.04	12.50	1	0.00	12.50
22	520	0.75	245	0.66	47.12	92	1.09	17.69	37	1.65	7.12	146	0.65	28.08
23	786	1.13	472	1.23	60.05	123	1.45	15.65	54	2.36	6.87	137	0.61	17.43
24	842	1.20	584	1.51	69.36	118	1.39	14.01	23	1.01	2.73	117	0.55	13.90
25	1194	1.72	722	1.88	60.47	201	2.38	16.83	57	2.52	4.77	214	1.05	17.92
26	951	1.35	478	1.23	50.26	178	2.09	18.72	56	2.48	5.89	239	1.16	25.13
27	853	1.22	548	1.44	64.24	130	1.53	15.24	21	0.91	2.46	154	0.73	18.05
28	2411	3.45	1402	3.66	58.15	304	3.58	12.61	106	4.68	4.40	599	2.88	24.84
29	340	0.49	192	0.50	56.47	35	0.40	10.29	19	0.82	5.59	94	0.45	27.65
30	4841	6.94	2392	6.23	49.41	746	8.81	15.41	166	7.35	3.43	1537	7.45	31.75
31	343	0.50	195	0.51	56.85	49	0.58	14.29	19	0.83	5.54	80	0.37	23.32
32	1380	1.97	818	2.12	59.28	173	2.03	12.54	46	2.01	3.33	343	1.66	24.86
33	2030	2.91	950	2.48	46.80	415	4.91	20.44	112	4.94	5.52	553	2.67	27.24
34	8660	12.44	4699	12.26	54.26	1225	14.50	14.15	240	10.61	2.77	2496	12.12	28.82
35	13556	19.48	7855	20.49	57.94	1538	18.20	11.35	371	16.46	2.74	3792	18.41	27.97
36	5171	7.42	2553	6.67	49.37	900	10.63	17.40	297	13.19	5.74	1421	6.87	27.48
37	1110	1.60	644	1.68	58.02	197	2.34	17.75	64	2.80	5.77	205	0.96	18.47
38	4949	7.12	2820	7.36	56.98	593	6.99	11.98	179	7.93	3.62	1357	6.58	27.42
39	2597	3.74	1822	4.76	70.16	241	2.83	9.28	39	1.70	1.50	495	2.41	19.06
41	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
42	3	0.00	1	0.00	33.33	1	0.01	33.33	0	0.00	0.00	1	0.00	33.33
45	2	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	2	0.01	100.00
47	4	0.00	4	0.01	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
48	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
49	26	0.05	13	0.03	50.00	4	0.05	15.38	1	0.04	3.85	8	0.03	30.77
50	14	0.02	10	0.02	71.43	1	0.01	7.14	0	0.00	0.00	3	0.01	21.43
62	3	0.00	1	0.00	33.33	1	0.01	33.33	0	0.00	0.00	1	0.00	33.33
67	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
72	3	0.00	1	0.00	33.33	0	0.00	0.00	1	0.04	33.33	1	0.00	33.33
73	1384	2.00	862	2.24	62.28	121	1.42	8.74	48	2.10	3.47	353	1.69	25.51
75	14	0.02	10	0.03	71.43	2	0.02	14.29	1	0.04	7.14	1	0.00	7.14
76	329	0.47	249	0.65	75.68	24	0.29	7.29	3	0.13	0.91	53	0.26	16.11
78	3	0.00	2	0.00	66.67	0	0.00	0.00	1	0.04	33.33	0	0.00	0.00
79	11	0.01	7	0.02	63.64	1	0.01	9.09	0	0.00	0.00	3	0.01	27.27
83	15	0.02	8	0.02	53.33	2	0.02	13.33	0	0.00	0.00	5	0.02	33.33
86	2	0.00	1	0.00	50.00	0	0.00	0.00	1	0.04	50.00	0	0.00	0.00
87	385	0.53	264	0.70	68.57	31	0.36	8.05	8	0.34	2.08	82	0.39	21.30
89	19	0.03	15	0.04	78.95	2	0.02	10.53	0	0.00	0.00	2	0.01	10.53
94	1	0.00	1	0.00	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
95	3	0.00	1	0.00	33.33	0	0.00	0.00	1	0.04	33.33	1	0.00	33.33
N/S	14549	20.90	7310	19.08	50.24	924	10.93	6.35	259	11.49	1.78	6056	29.41	41.62
TOTAL	69622	100.00	38322	100.00	55.04	8456	100.00	12.15	2254	100.00	3.24	20590	100.00	29.57

Table 6-96. Company Size Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1996 Edition

Primary SIC	Metric Conforming Listees		Company Size Category (Quantity of Employees)											
			1 - 99			100 - 499			500+			Non Specified		
			Qty	% Total	% Metric	Qty	% Total	% Metric	Qty	% Total	% Metric	Qty	% Total	% Metric
01	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
12	2	0.03	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	2	0.09	100.00
14	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
15	1	0.01	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.05	100.00
16	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
17	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
20	20	0.26	14	0.35	70.00	6	0.48	30.00	0	0.00	0.00	0	0.00	0.00
21	1	0.01	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.05	100.00
22	58	0.75	27	0.70	46.55	14	1.12	24.14	2	0.60	3.45	15	0.69	25.86
23	32	0.42	12	0.34	37.50	6	0.48	18.75	3	0.91	9.38	11	0.51	34.38
24	79	1.01	59	1.51	74.68	8	0.64	10.13	0	0.00	0.00	12	0.57	15.19
25	80	1.03	34	0.87	42.50	21	1.68	26.25	5	1.51	6.25	20	0.92	25.00
26	80	1.03	36	0.93	45.00	21	1.68	26.25	2	0.60	2.50	21	0.98	26.25
27	56	0.72	36	0.93	64.29	7	0.56	12.50	1	0.30	1.79	12	0.54	21.43
28	299	3.89	172	4.39	57.53	40	3.20	13.38	13	3.95	4.35	74	3.38	24.75
29	45	0.58	20	0.51	44.44	7	0.56	15.56	1	0.30	2.22	17	0.77	37.78
30	749	9.68	332	8.40	44.33	142	11.40	18.96	26	7.92	3.47	249	11.27	33.24
31	15	0.20	10	0.27	66.67	2	0.16	13.33	1	0.30	6.67	2	0.10	13.33
32	187	2.41	98	2.50	52.41	26	2.08	13.90	9	2.71	4.81	54	2.47	28.88
33	361	4.66	142	3.60	39.34	97	7.76	26.87	20	6.05	5.54	102	4.65	28.25
34	1350	17.45	673	17.02	49.85	234	18.77	17.33	51	15.50	3.78	392	17.76	29.04
35	2087	26.99	1150	29.06	55.10	284	22.77	13.61	75	22.76	3.59	578	26.21	27.70
36	712	9.19	307	7.78	43.12	155	12.42	21.77	55	16.70	7.72	195	8.89	27.39
37	105	1.36	53	1.36	50.48	19	1.52	18.10	9	2.73	8.57	24	1.11	22.86
38	727	9.39	384	9.70	52.82	97	7.77	13.34	36	10.94	4.95	210	9.53	28.89
39	197	2.54	128	3.24	64.97	25	2.00	12.69	2	0.60	1.02	42	1.91	21.32
41	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
42	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
45	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
47	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
48	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
49	1	0.01	0	0.00	0.00	1	0.08	100.00	0	0.00	0.00	0	0.00	0.00
50	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
62	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
72	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
73	89	1.14	69	1.75	77.53	5	0.40	5.62	3	0.91	3.37	12	0.55	13.48
75	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
76	43	0.55	32	0.82	74.42	4	0.32	9.30	1	0.30	2.33	6	0.28	13.95
78	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
79	1	0.01	1	0.03	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
83	2	0.03	1	0.03	50.00	0	0.00	0.00	0	0.00	0.00	1	0.05	50.00
86	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
87	49	0.64	33	0.85	67.35	5	0.40	10.20	1	0.30	2.04	10	0.46	20.41
89	2	0.03	2	0.05	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
94	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
95	1	0.01	1	0.03	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
N/S	311	4.02	134	3.38	43.09	19	1.53	6.11	12	3.66	3.86	146	6.61	46.95
TOTAL	7742	100.00	3960	100.00	51.15	1245	100.00	16.08	328	100.00	4.24	2209	100.00	28.53

Table 6-97. Company Size Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1997 Edition

Primary SIC	Metric Conforming Listees		Company Size Category (Quantity of Employees)											
			1 - 99			100 - 499			500+			Non Specified		
	Qty	% Total	Qty	% Total	% Metric	Qty	% Total	% Metric	Qty	% Total	% Metric	Qty	% Total	% Metric
01	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
12	2	0.02	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	2	0.06	100.00
13	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
14	2	0.02	2	0.04	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
15	1	0.01	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.03	100.00
16	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
17	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
20	39	0.33	21	0.34	53.85	17	0.90	43.59	0	0.00	0.00	1	0.03	2.56
21	1	0.01	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.03	100.00
22	84	0.72	38	0.63	45.24	19	1.00	22.62	4	0.72	4.76	23	0.69	27.38
23	47	0.41	19	0.34	40.43	9	0.47	19.15	5	0.91	10.64	14	0.42	29.79
24	109	0.91	82	1.36	75.23	10	0.51	9.17	3	0.54	2.75	14	0.42	12.84
25	125	1.08	58	0.96	46.40	33	1.75	26.40	8	1.46	6.40	26	0.78	20.80
26	129	1.10	64	1.05	49.61	33	1.73	25.58	5	0.91	3.88	27	0.81	20.93
27	84	0.73	53	0.87	63.10	15	0.79	17.86	2	0.36	2.38	14	0.42	16.67
28	411	3.45	239	3.91	58.15	57	3.01	13.87	19	3.46	4.62	96	2.88	23.36
29	65	0.55	33	0.54	50.77	7	0.37	10.77	3	0.55	4.62	22	0.66	33.85
30	1087	9.13	491	7.99	45.17	213	11.25	19.60	48	8.77	4.42	335	10.06	30.82
31	26	0.23	18	0.31	69.23	4	0.21	15.38	1	0.18	3.85	3	0.09	11.54
32	253	2.13	134	2.19	52.96	37	1.94	14.62	10	1.82	3.95	72	2.16	28.46
33	491	4.13	197	3.19	40.12	132	6.97	26.88	35	6.40	7.13	127	3.81	25.87
34	1848	15.51	944	15.35	51.08	333	17.61	18.02	73	13.34	3.95	498	14.94	26.95
35	2945	24.70	1646	26.75	55.89	403	21.29	13.68	112	20.50	3.80	784	23.52	26.62
36	1017	8.51	468	7.63	46.02	234	12.37	23.01	78	14.27	7.67	237	7.11	23.30
37	156	1.34	79	1.29	50.64	30	1.60	19.23	15	2.72	9.62	32	0.96	20.51
38	1047	8.78	576	9.35	55.01	142	7.50	13.56	53	9.67	5.06	276	8.28	26.36
39	286	2.42	197	3.20	68.88	34	1.79	11.89	4	0.73	1.40	51	1.53	17.83
41	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
42	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
45	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
47	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
48	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
49	2	0.02	1	0.02	50.00	1	0.05	50.00	0	0.00	0.00	0	0.00	0.00
50	1	0.01	1	0.02	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
62	1	0.01	0	0.00	0.00	1	0.05	100.00	0	0.00	0.00	0	0.00	0.00
67	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
72	2	0.02	1	0.02	50.00	0	0.00	0.00	0	0.00	0.00	1	0.03	50.00
73	128	1.08	93	1.53	72.66	8	0.42	6.25	3	0.55	2.34	24	0.72	18.75
75	1	0.01	1	0.02	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
76	57	0.48	46	0.75	80.70	4	0.21	7.02	1	0.18	1.75	6	0.18	10.53
78	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
79	2	0.02	2	0.03	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
83	3	0.03	2	0.03	66.67	0	0.00	0.00	0	0.00	0.00	1	0.03	33.33
86	1	0.01	1	0.02	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
87	75	0.63	54	0.88	72.00	6	0.31	8.00	1	0.18	1.33	14	0.42	18.67
89	2	0.02	2	0.03	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
94	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
95	1	0.01	1	0.02	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
N/S	1393	11.68	590	9.59	42.35	111	5.86	7.97	64	11.70	4.59	628	18.86	45.08
TOTAL	11924	100.00	6154	100.00	51.61	1893	100.00	15.88	547	100.00	4.59	3330	100.00	27.93

Table 6-98. Company Size Analysis of Thomas Register Listed Companies Conforming to Metric Standards - 1998 Edition

Primary SIC	Metric Conforming Listees		Company Size Category (Quantity of Employees)											
			1 - 99			100 - 499			500+			Non Specified		
	Qty	% Total	Qty	% Total	% Metric	Qty	% Total	% Metric	Qty	% Total	% Metric	Qty	% Total	% Metric
01	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
02	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
12	2	0.01	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	2	0.05	100.00
13	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
14	2	0.02	2	0.02	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
15	1	0.01	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.03	100.00
16	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
17	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
20	41	0.29	23	0.32	56.10	17	0.78	41.46	0	0.00	0.00	1	0.03	2.44
21	1	0.01	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	1	0.03	100.00
22	88	0.63	40	0.56	45.45	20	0.93	22.73	6	0.90	6.82	22	0.57	25.00
23	50	0.36	20	0.24	40.00	9	0.43	18.00	5	0.75	10.00	16	0.44	32.00
24	121	0.86	88	1.21	72.73	14	0.67	11.57	4	0.60	3.31	15	0.41	12.40
25	129	0.91	66	0.93	51.16	30	1.37	23.26	9	1.35	6.98	24	0.62	18.60
26	152	1.09	73	1.03	48.03	35	1.62	23.03	6	0.90	3.95	38	1.00	25.00
27	91	0.65	59	0.81	64.84	15	0.69	16.48	2	0.30	2.20	15	0.39	16.48
28	471	3.39	274	3.80	58.17	67	3.09	14.23	20	3.01	4.25	110	2.84	23.35
29	77	0.56	42	0.58	54.55	9	0.41	11.69	6	0.90	7.79	20	0.51	25.97
30	1196	8.60	554	7.72	46.32	235	10.72	19.65	53	8.02	4.43	354	9.06	29.60
31	28	0.19	20	0.28	71.43	3	0.14	10.71	1	0.15	3.57	4	0.11	14.29
32	281	2.01	145	2.01	51.60	42	1.94	14.95	13	1.96	4.63	81	2.07	28.83
33	555	3.99	219	3.06	39.46	157	7.15	28.29	41	6.18	7.39	138	3.56	24.86
34	2037	14.63	1034	14.43	50.76	367	16.76	18.02	88	13.32	4.32	548	14.03	26.90
35	3263	23.45	1807	25.24	55.38	475	21.67	14.56	133	20.12	4.08	848	21.73	25.99
36	1125	8.07	512	7.16	45.51	257	11.73	22.84	91	13.77	8.09	265	6.79	23.56
37	182	1.30	96	1.33	52.75	34	1.56	18.68	18	2.72	9.89	34	0.89	18.68
38	1156	8.32	632	8.83	54.67	160	7.30	13.84	61	9.23	5.28	303	7.76	26.21
39	320	2.30	219	3.06	68.44	38	1.72	11.88	5	0.75	1.56	58	1.49	18.13
41	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
42	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
45	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
47	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
48	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
49	5	0.03	1	0.01	20.00	2	0.09	40.00	0	0.00	0.00	2	0.05	40.00
50	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
62	1	0.01	0	0.00	0.00	1	0.05	100.00	0	0.00	0.00	0	0.00	0.00
67	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
72	2	0.02	1	0.01	50.00	0	0.00	0.00	0	0.00	0.00	1	0.03	50.00
73	142	1.02	105	1.45	73.94	11	0.50	7.75	3	0.45	2.11	23	0.60	16.20
75	1	0.01	1	0.01	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
76	59	0.42	47	0.66	79.66	4	0.18	6.78	1	0.15	1.69	7	0.18	11.86
78	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
79	2	0.01	1	0.01	50.00	1	0.05	50.00	0	0.00	0.00	0	0.00	0.00
83	3	0.02	2	0.03	66.67	0	0.00	0.00	0	0.00	0.00	1	0.03	33.33
86	1	0.01	1	0.01	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
87	89	0.63	64	0.91	71.91	7	0.33	7.87	2	0.30	2.25	16	0.42	17.98
89	2	0.01	2	0.03	100.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
94	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
95	0	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
N/S	2243	16.11	1009	14.09	44.98	182	8.30	8.11	92	13.94	4.10	960	24.56	42.80
TOTAL	13919	100.00	7159	100.00	51.43	2192	100.00	15.75	660	100.00	4.74	3908	100.00	28.08