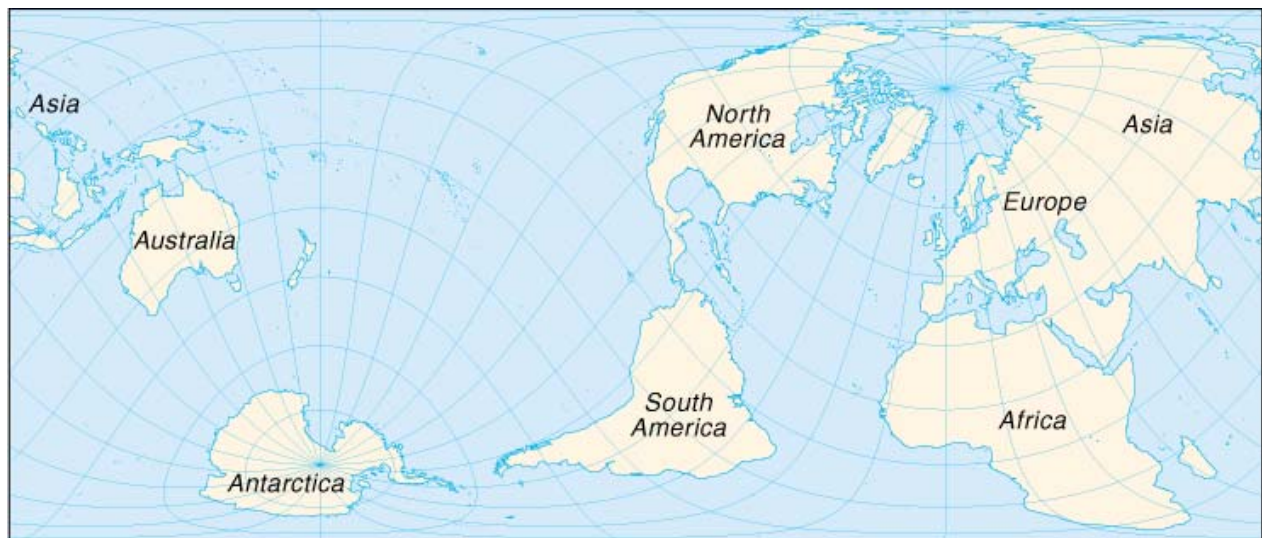

The 2000-2005 World Outlook for Geographic Information Systems/mapping



COPYRIGHT NOTICE**ISBN: 0-7576-5661-7**

All of Icon Group Ltd. publications are copyrighted. Copying our publications in whole or in part, for whatever reason, is a violation of copyrights laws and can lead to penalties and fines.

Should you want to copy tables, graphs or other materials from our publications, please contact us to request permission. Icon Group Ltd. often grants permission for very limited reproduction of our publications for internal use, press releases, and academic research. Such reproduction requires, however, confirmed permission from Icon Group Ltd. Please read the full copyright notice, disclaimer, and user agreement provisions at the end of this report.

IMPORTANT DISCLAIMER

Neither Icon Group Ltd. nor its employees can be held accountable for the use and subsequent actions of the user of the information provided in this publication. Great efforts have been made to ensure the accuracy of the data, but we can not guarantee, given the volume of information, accuracy. Since the information given in this report is forward-looking, the reader should read the disclaimer statement and user agreement provisions at the end of this report.

About Icon Group Ltd.

Icon Group Ltd.'s primary mission is to assist managers with their international information needs using forward-looking economic analysis. Icon Group has field offices in San Diego, Paris, Singapore, Hong Kong and Lomé, Togo (West Africa). Icon Group has published hundreds of multi-client databases, and global/regional market data, industry and country publications.

Global/Regional Management Studies. Summarizing over 210 countries, management studies are generally organized into regional volumes and cover key management functions. The human resource series covers minimum wages, child labor, unionization and collective bargaining. The international law series covers media control and censorship, search and seizure, and trial justice and punishment. The diversity management series covers a variety of environmental context drivers that effect global operations. These include women's rights, children's rights, discrimination/racism, and religious forces and risks. Global strategic planning studies cover economic risk assessments, political risk assessments, foreign direct investment strategy, intellectual property strategy, and export strategy. Financial management studies cover taxes and tariffs. Global marketing studies focus on target segments (e.g. seniors, children, women) and strategic marketing planning.

Country Studies: Often managers need an in-depth, yet broad and up-to-date understanding of a country's strategic market potential and situation before the first field trip or investment proposal. Covering over 190 countries, each study consists of forward-looking analysis, statistics, forecasts, and information of relevance to managers. The studies are continually updated to ensure that the reports have the most relevant information available. In addition to raw information, the reports provide relevant analyses which put a more general perspective on a country (seen in the context of relative performance vis-à-vis benchmarks).

Industry & Trade Studies: Companies are racing to become more international, if not global in their strategies. For over 2000 product/industry categories, these reports give the reader a concise summary of latent market forecasts, pro-forma financials, import competition profiles, key references and trends across 200 countries of the world. Some reports focus on a particular product and region (up to four regions per product), while others focus on a product within a particular country.

Intranet Subscriptions: Icon Group Ltd. now offers full intranet subscriptions which brings millions of dollars of high-end global market research to the manager's personal computer. For more information, please contact Icon Group via our web site: www.icongroupedition.com, or please email: iconsubs@san.rr.com.

In addition to these reports, Icon Group publishes similar studies for other product categories, issue areas, regions of the world, countries, cities and states (in the case of the United States). If you wish to receive a report that is customized or addressing a particular issue, feel free to contact Icon Group:

Icon Group
Customer Service
4370 La Jolla Village Drive, Fourth Floor
San Diego, CA 92122 USA
Tel: 858-546-4340
Fax: 858-546-4341
Email: iconsubs@san.rr.com
URL: www.icongroupedition.com

Note: as statements and statistics in this report are forward-looking, the reader needs to read the last chapter for disclaimers and user agreement provisions.

Table of Contents

1	INTRODUCTION	10
1.1	Overview	10
1.2	Market Potential Estimation Methodology	10
1.3	The Worldwide Market Potential for Geographic information systems/mapping	12
2	AFRICA: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING	14
2.1	Executive Summary	14
2.2	Algeria	16
2.3	Angola	16
2.4	Benin	17
2.5	Botswana	17
2.6	Burkina Faso	18
2.7	Burundi	18
2.8	Cameroon	19
2.9	Cape Verde	19
2.10	Central African Republic	20
2.11	Chad	20
2.12	Comoros	21
2.13	Congo (formerly Zaire)	21
2.14	Djibouti	22
2.15	Egypt	22
2.16	Equatorial Guinea	23
2.17	Eritrea	23
2.18	Ethiopia	24
2.19	Gabon	24
2.20	Ghana	25
2.21	Guinea	25
2.22	Guinea-Bissau	26
2.23	Ivory coast	26
2.24	Kenya	27
2.25	Lesotho	27
2.26	Liberia	28
2.27	Libya	28
2.28	Madagascar	29
2.29	Malawi	29
2.30	Mali	30
2.31	Mauritania	30
2.32	Mauritius	31
2.33	Morocco	31
2.34	Mozambique	32
2.35	Namibia	32
2.36	Niger	33
2.37	Nigeria	33

2.38	Republic of Congo	34
2.39	Rwanda	34
2.40	Sao Tome E Principe	35
2.41	Senegal	35
2.42	Sierra Leone	36
2.43	Somalia	36
2.44	South Africa	37
2.45	Sudan	37
2.46	Swaziland	38
2.47	Tanzania	38
2.48	The Gambia	39
2.49	Togo	39
2.50	Tunisia	40
2.51	Uganda	40
2.52	Zambia	41
2.53	Zimbabwe	41
3	ASIA: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING	42
3.1	Executive Summary	42
3.2	Bangladesh	44
3.3	Bhutan	44
3.4	Brunei	45
3.5	Burma	45
3.6	Cambodia	46
3.7	China	46
3.8	Hong Kong	47
3.9	India	47
3.10	Indonesia	48
3.11	Japan	48
3.12	Laos	49
3.13	Macau	49
3.14	Malaysia	50
3.15	Maldives	50
3.16	Mongolia	51
3.17	Nepal	51
3.18	North Korea	52
3.19	Papua New Guinea	52
3.20	Philippines	53
3.21	Seychelles	53
3.22	Singapore	54
3.23	South Korea	54
3.24	Sri Lanka	55
3.25	Taiwan	55
3.26	Thailand	56
3.27	Vietnam	56

4	EUROPE: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING	57
4.1	Executive Summary	57
4.2	Albania	59
4.3	Andorra	59
4.4	Austria	60
4.5	Belarus	60
4.6	Belgium	61
4.7	Bosnia and Herzegovina	61
4.8	Bulgaria	62
4.9	Croatia	62
4.10	Cyprus	63
4.11	Czech Republic	63
4.12	Denmark	64
4.13	Estonia	64
4.14	Finland	65
4.15	France	65
4.16	Georgia	66
4.17	Germany	66
4.18	Greece	67
4.19	Hungary	67
4.20	Iceland	68
4.21	Ireland	68
4.22	Italy	69
4.23	Kazakhstan	69
4.24	Latvia	70
4.25	Liechtenstein	70
4.26	Lithuania	71
4.27	Luxembourg	71
4.28	Macedonia	72
4.29	Malta	72
4.30	Moldova	73
4.31	Monaco	73
4.32	Netherlands	74
4.33	Norway	74
4.34	Poland	75
4.35	Portugal	75
4.36	Romania	76
4.37	Russia	76
4.38	Serbia and Montenegro	77
4.39	Slovakia	77
4.40	Slovenia	78
4.41	Spain	78
4.42	Sweden	79
4.43	Switzerland	79

4.44	Ukraine	80
4.45	United Kingdom	80
5	LATIN AMERICA: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING	81
5.1	Executive Summary	81
5.2	Argentina	83
5.3	Belize	83
5.4	Bolivia	84
5.5	Brazil	84
5.6	Chile	85
5.7	Colombia	85
5.8	Costa Rica	86
5.9	Ecuador	86
5.10	El Salvador	87
5.11	Guatemala	87
5.12	Guyana	88
5.13	Honduras	88
5.14	Mexico	89
5.15	Nicaragua	89
5.16	Panama	90
5.17	Paraguay	90
5.18	Peru	91
5.19	Suriname	91
5.20	Uruguay	92
5.21	Venezuela	92
6	NORTH AMERICA & THE CARIBBEAN: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING	93
6.1	Executive Summary	93
6.2	Antigua and Barbuda	95
6.3	Bahamas	95
6.4	Barbados	96
6.5	Bermuda	96
6.6	Canada	97
6.7	Cuba	97
6.8	Dominica	98
6.9	Dominican Republic	98
6.10	Grenada	99
6.11	Haiti	99
6.12	Jamaica	100
6.13	Martinique	100
6.14	Netherlands Antilles	101
6.15	St. Kitts and Nevis	101
6.16	St. Lucia	102
6.17	St. Vincent and the Grenadines	102

	6.18 Trinidad and Tobago	103
	6.19 United States	103
7	OCEANA: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING	104
	7.1 Executive Summary	104
	7.2 American Samoa	105
	7.3 Australia	106
	7.4 Fiji	106
	7.5 Kiribati	107
	7.6 Marshall Islands	107
	7.7 Micronesia Federation	108
	7.8 Nauru	108
	7.9 New Zealand	109
	7.10 Palau	109
	7.11 Solomon Islands	110
	7.12 Tonga	110
	7.13 Tuvalu	111
	7.14 Vanuatu	111
8	THE MIDDLE EAST: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING	112
	8.1 Executive Summary	112
	8.2 Afghanistan	114
	8.3 Armenia	114
	8.4 Azerbaijan	115
	8.5 Bahrain	115
	8.6 Iran	116
	8.7 Iraq	116
	8.8 Israel	117
	8.9 Jordan	117
	8.10 Kuwait	118
	8.11 Kyrgyzstan	118
	8.12 Lebanon	119
	8.13 Oman	119
	8.14 Pakistan	120
	8.15 Qatar	120
	8.16 Saudi Arabia	121
	8.17 Syrian Arab Republic	121
	8.18 Tajikistan	122
	8.19 Turkey	122
	8.20 Turkmenistan	123
	8.21 United Arab Emirates	123
	8.22 Uzbekistan	124
	8.23 Yemen	124
9	DISCLAIMERS, WARRANTIES, AND USER AGREEMENT PROVISIONS	125
	9.1 Disclaimers & Safe Harbor	125

9.2	Icon Group Ltd. User Agreement Provisions	126
------------	--	------------

1 INTRODUCTION

1.1 OVERVIEW

The liberalization of markets has led to record levels of international investments. Icon Group's primary mission is to assist international managers to better plan and implement strategies in a global economy. It does so by providing various specialized industry reports, databases, publications and services to its clients. This report is one of many published by Icon Group Ltd. to assist executives and planners in monitoring and analyzing world markets. In addition to industry-specific studies, Icon Group Ltd.'s reports cover human resources management, export strategies, investment strategies, entry & marketing strategies, political and economic risk assessments and legal trends (e.g., intellectual property, licensing, and corruption).

This report covers the world outlook for geographic information systems/mapping across 235 countries. For each year reported, the estimates are given for the latent demand for the country in question. Icon Group uses a number of proprietary econometric models which project economic changes within each country and across countries. From there, market potential estimates are created. The units used in this report are: US \$ mln.

As shown in the report, the market potential for geographic information systems/mapping is expected to reach \$2,537.34 million by 2005. The distribution of the world market, however, will not be evenly distributed across regions. Europe will be the largest market with \$880.34 million or 34.70 percent, followed by North America & the Caribbean with \$785.86 million or 30.97 percent, and then Asia with \$527.33 million or 20.78 percent of the world market. In essence, if a firm targets these top 3 regions, they cover come 86.45 percent of the world wide demand for geographic information systems/mapping.

1.2 MARKET POTENTIAL ESTIMATION METHODOLOGY

Icon Group uses a number of methodologies to create market potential estimates for products and services across markets, whether at the level of a region, country, or city. In this report, two modelling approaches are used. The first involves modelling the economic fundamentals of each market over time. This is based on standard models of economic growth (e.g. focussing on growth of income, or gross domestic product per capita). The second approach is more subtle.

The second approach involves collecting information on the market size or market potential for the particular product or service in question, typically in national currency, and translating these into a common currency. Icon Group uses the U.S. dollar as its common currency across markets. For some categories and markets, basic demand indicators are reported in national statistics, as is mostly the case for the United States and other developed markets. In most of the world's 230 countries, however, few statistics are available. For these, Icon Group uses

econometric models to estimate these markets, and forecast these over time. As true for all forward-looking economic forecasts, certain critical assumptions must be made. Two types of assumptions are made for the models used in this report. The first type covers the socio-economic and global environment. In essence, Icon Group assumes that dynamics seen in the past are likely to continue in the future, without major discontinuous changes. For example, if a city, country or region has not seen civil strife, major recessions, or substantial foreign exchange or currency changes, this is assumed to be the case over the forecast period. Likewise, the worldwide demand is foreseen to progress in a fashion similar to that seen in historical figures, based on aggregated data collected at the national level. The extent to which these assumptions are violated in the future will surely affect the accuracy of the forecasts presented here.

The second type of assumption is of greater importance, especially for those markets where insufficient local information is reported in the public domain, or in markets where there is higher uncertainty. Here, we use cross-country econometric models of demand, often called a cross-sectional pooled time series models with varying parameters. In simple terms, we assume an underlying consumption function that is allowed to vary over time and across geographic markets. Economists have long proposed various consumption functions. These include John Maynard Keynes, Simon Kuznets, Irving Fisher, Franco Modigliani, Albert Ando, Richard Brumberg, and Milton Friedman. Across these, and other authors, the consumption of a product (as opposed to the amount produced) is foreseen to vary depending on a number of local factors and the time frame that one considers (short-, medium- and long-run). In general, the variance of the market potential across markets is foreseen to be a function of variances in income, wealth, interest rates, expected future income, and a variety of exogenous factors, including geography and culture. Icon Group forecasts primarily rely on non-cultural economic factors in modelling cross-market demand, for a given product or service. We also model the market potential using a consumption function which assumes a constant average propensity to consume in the long run (i.e. as incomes rise, average consumption rates do not fall, as earlier argued by Keynes). Once the cross-market model of demand is specified, it is combined with the local economic models described above. As in all econometric exercises, the lack of local market figures in the public domain results in estimation errors. Furthermore, many intervening factors may arise over time that can materially affect the accuracy of the forecasts, including changes in local economic conditions, changes in political regimes, improvements in primary data, and currency fluctuations, among other factors. As the estimates and forecasts reported here are forward-looking and subject to assumption-induced errors, you are asked to read the caveats and disclaimers at the end of this report.

1.3 THE WORLDWIDE MARKET POTENTIAL FOR GEOGRAPHIC INFORMATION SYSTEMS/MAPPING

Worldwide Market Potential for Geographic information systems/mapping (US \$ mln): 2000

Region	Latent Demand US \$ mln	% of Globe
Europe	656	36.6
North America & the Caribbean	493	27.5
Asia	387	21.6
Latin America	96	5.4
Middle East	94	5.2
Africa	39	2.2
Oceania	27	1.5
Total	1,792	100.0

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

Worldwide Market Potential for Geographic information systems/mapping (US \$ mln): 2000



World Market for Geographic information systems/mapping: 1995 - 2005

Year	World Market US \$ mln
1995	1,356.63
1996	1,428.46
1997	1,505.38
1998	1,588.72
1999	1,684.39
2000	1,794.92
2001	1,921.36
2002	2,058.60
2003	2,206.41
2004	2,365.67
2005	2,537.34

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2 AFRICA: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING

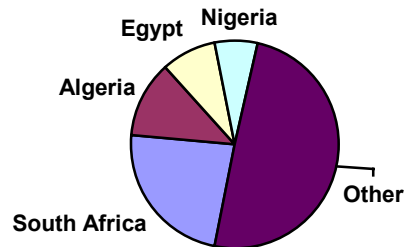
2.1 EXECUTIVE SUMMARY

Market Potential for Geographic information systems/mapping in Africa (US \$ mln): 2000

Country	Latent Demand US \$ mln	% of Africa
South Africa	9	23.23%
Algeria	5	12.02%
Egypt	3	8.64%
Nigeria	3	6.77%
Libya	2	6.12%
Morocco	2	5.34%
Tunisia	1	3.03%
Cameroon	1	2.95%
Sudan	1	2.36%
Ivory coast	1	2.23%
Angola	1	2.06%
Kenya	1	2.05%
Congo (formerly Zaire)	1	2.01%
Tanzania	1	1.48%
Ghana	1	1.43%
Ethiopia	1	1.38%
Zimbabwe	1	1.35%
Senegal	1	1.28%
Uganda	0	1.24%
Gabon	0	1.14%
Botswana	0	0.79%
Zambia	0	0.75%
Burkina Faso	0	0.69%
Madagascar	0	0.66%
Guinea	0	0.62%
Other	3	8.28%
Total	39	100.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

Market Potential for Geographic information systems/mapping in Africa (US \$ mln): 2000



The Market for Geographic information systems/mapping in Africa: 1995 - 2005

Year	US \$ mln	% of Globe
1995	32.62	2.40
1996	33.84	2.37
1997	35.12	2.33
1998	36.47	2.30
1999	37.98	2.25
2000	39.75	2.21
2001	42.18	2.20
2002	44.86	2.18
2003	47.71	2.16
2004	50.74	2.14
2005	53.97	2.13

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.2 ALGERIA

Geographic information systems/mapping (US \$ mln): Algeria 1995 - 2005

Year	Algeria	% of Region	% of Globe
1995	4	12.25%	0.29%
1996	4	12.20%	0.28%
1997	4	12.16%	0.28%
1998	4	12.11%	0.27%
1999	5	12.05%	0.27%
2000	5	12.02%	0.26%
2001	5	12.05%	0.26%
2002	5	12.10%	0.26%
2003	6	12.14%	0.26%
2004	6	12.19%	0.26%
2005	7	12.23%	0.26%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.3 ANGOLA

Geographic information systems/mapping (US \$ mln): Angola 1995 - 2005

Year	Angola	% of Region	% of Globe
1995	1	2.13%	0.00%
1996	1	2.12%	0.00%
1997	1	2.10%	0.00%
1998	1	2.09%	0.00%
1999	1	2.07%	0.00%
2000	1	2.06%	0.00%
2001	1	2.07%	0.00%
2002	1	2.09%	0.00%
2003	1	2.10%	0.00%
2004	1	2.11%	0.00%
2005	1	2.12%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.4 BENIN

Geographic information systems/mapping (US \$ mln): Benin 1995 - 2005

Year	Benin	% of Region	% of Globe
1995	0	0.48%	0.00%
1996	0	0.47%	0.01%
1997	0	0.47%	0.00%
1998	0	0.46%	0.00%
1999	0	0.45%	0.00%
2000	0	0.45%	0.00%
2001	0	0.45%	0.01%
2002	0	0.46%	0.00%
2003	0	0.47%	0.01%
2004	0	0.47%	0.00%
2005	0	0.48%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.5 BOTSWANA

Geographic information systems/mapping (US \$ mln): Botswana 1995 - 2005

Year	Botswana	% of Region	% of Globe
1995	0	0.76%	0.00%
1996	0	0.76%	0.00%
1997	0	0.77%	0.00%
1998	0	0.78%	0.00%
1999	0	0.78%	0.00%
2000	0	0.79%	0.00%
2001	0	0.79%	0.00%
2002	0	0.78%	0.00%
2003	0	0.77%	0.00%
2004	0	0.77%	0.00%
2005	0	0.76%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.6 BURKINA FASO

Geographic information systems/mapping (US \$ mln): Burkina Faso 1995 - 2005

Year	Burkina Faso	% of Region	% of Globe
1995	0	0.71%	0.00%
1996	0	0.71%	0.00%
1997	0	0.70%	0.00%
1998	0	0.70%	0.00%
1999	0	0.69%	0.00%
2000	0	0.69%	0.00%
2001	0	0.69%	0.00%
2002	0	0.70%	0.00%
2003	0	0.70%	0.01%
2004	0	0.70%	0.00%
2005	0	0.71%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.7 BURUNDI

Geographic information systems/mapping (US \$ mln): Burundi 1995 - 2005

Year	Burundi	% of Region	% of Globe
1995	0	0.25%	0.00%
1996	0	0.25%	0.00%
1997	0	0.25%	0.00%
1998	0	0.25%	0.00%
1999	0	0.25%	0.00%
2000	0	0.25%	0.00%
2001	0	0.25%	0.00%
2002	0	0.25%	0.00%
2003	0	0.25%	0.00%
2004	0	0.25%	0.00%
2005	0	0.25%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.8 CAMEROON

Geographic information systems/mapping (US \$ mln): Cameroon 1995 - 2005

Year	Cameroon	% of Region	% of Globe
1995	1	2.88%	0.00%
1996	1	2.90%	0.00%
1997	1	2.91%	0.00%
1998	1	2.93%	0.00%
1999	1	2.94%	0.06%
2000	1	2.95%	0.06%
2001	1	2.94%	0.00%
2002	1	2.93%	0.00%
2003	1	2.92%	0.00%
2004	1	2.90%	0.00%
2005	2	2.89%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.9 CAPE VERDE

Geographic information systems/mapping (US \$ mln): Cape Verde 1995 - 2005

Year	Cape Verde	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.10 CENTRAL AFRICAN REPUBLIC

Geographic information systems/mapping (US \$ mln): Central African Republic 1995 - 2005

Year	Central African Republic	% of Region	% of Globe
1995	0	0.28%	0.00%
1996	0	0.28%	0.00%
1997	0	0.28%	0.00%
1998	0	0.28%	0.00%
1999	0	0.27%	0.00%
2000	0	0.27%	0.00%
2001	0	0.27%	0.00%
2002	0	0.28%	0.00%
2003	0	0.28%	0.00%
2004	0	0.28%	0.00%
2005	0	0.28%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.11 CHAD

Geographic information systems/mapping (US \$ mln): Chad 1995 - 2005

Year	Chad	% of Region	% of Globe
1995	0	0.29%	0.00%
1996	0	0.28%	0.00%
1997	0	0.28%	0.00%
1998	0	0.28%	0.00%
1999	0	0.28%	0.00%
2000	0	0.28%	0.00%
2001	0	0.28%	0.00%
2002	0	0.28%	0.00%
2003	0	0.28%	0.00%
2004	0	0.28%	0.00%
2005	0	0.28%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.12 COMOROS

Geographic information systems/mapping (US \$ mln): Comoros 1995 - 2005

Year	Comoros	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.06%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.13 CONGO (FORMERLY ZAIRE)

Geographic information systems/mapping (US \$ mln): Congo (formerly Zaire) 1995 - 2005

Year	Congo (formerly Zaire)	% of Region	% of Globe
1995	1	1.77%	0.00%
1996	1	1.82%	0.00%
1997	1	1.87%	0.00%
1998	1	1.92%	0.00%
1999	1	1.97%	0.04%
2000	1	2.01%	0.00%
2001	1	1.98%	0.04%
2002	1	1.93%	0.00%
2003	1	1.88%	0.00%
2004	1	1.84%	0.00%
2005	1	1.79%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.14 DJIBOUTI

Geographic information systems/mapping (US \$ mln): Djibouti 1995 - 2005

Year	Djibouti	% of Region	% of Globe
1995	0	0.10%	0.00%
1996	0	0.10%	0.00%
1997	0	0.10%	0.00%
1998	0	0.10%	0.00%
1999	0	0.11%	0.00%
2000	0	0.11%	0.00%
2001	0	0.11%	0.00%
2002	0	0.10%	0.00%
2003	0	0.10%	0.00%
2004	0	0.10%	0.00%
2005	0	0.10%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.15 EGYPT

Geographic information systems/mapping (US \$ mln): Egypt 1995 - 2005

Year	Egypt	% of Region	% of Globe
1995	3	8.92%	0.21%
1996	3	8.86%	0.21%
1997	3	8.80%	0.20%
1998	3	8.74%	0.20%
1999	3	8.68%	0.19%
2000	3	8.64%	0.19%
2001	4	8.68%	0.19%
2002	4	8.73%	0.19%
2003	4	8.79%	0.19%
2004	4	8.84%	0.18%
2005	5	8.89%	0.18%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.16 EQUATORIAL GUINEA

Geographic information systems/mapping (US \$ mln): Equatorial Guinea 1995 - 2005

Year	Equatorial Guinea	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.03%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.03%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.17 ERITREA

Geographic information systems/mapping (US \$ mln): Eritrea 1995 - 2005

Year	Eritrea	% of Region	% of Globe
1995	0	0.09%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.18 ETHIOPIA

Geographic information systems/mapping (US \$ mln): Ethiopia 1995 - 2005

Year	Ethiopia	% of Region	% of Globe
1995	0	1.38%	0.00%
1996	0	1.38%	0.00%
1997	0	1.38%	0.00%
1998	1	1.38%	0.00%
1999	1	1.38%	0.00%
2000	1	1.38%	0.00%
2001	1	1.38%	0.00%
2002	1	1.38%	0.03%
2003	1	1.38%	0.00%
2004	1	1.38%	0.00%
2005	1	1.38%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.19 GABON

Geographic information systems/mapping (US \$ mln): Gabon 1995 - 2005

Year	Gabon	% of Region	% of Globe
1995	0	1.12%	0.00%
1996	0	1.12%	0.00%
1997	0	1.13%	0.00%
1998	0	1.13%	0.00%
1999	0	1.14%	0.02%
2000	0	1.14%	0.00%
2001	0	1.14%	0.00%
2002	1	1.13%	0.00%
2003	1	1.13%	0.00%
2004	1	1.13%	0.00%
2005	1	1.12%	0.02%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.20 GHANA

Geographic information systems/mapping (US \$ mln): Ghana 1995 - 2005

Year	Ghana	% of Region	% of Globe
1995	0	1.52%	0.00%
1996	1	1.50%	0.00%
1997	1	1.48%	0.00%
1998	1	1.46%	0.00%
1999	1	1.45%	0.03%
2000	1	1.43%	0.00%
2001	1	1.45%	0.00%
2002	1	1.46%	0.00%
2003	1	1.48%	0.00%
2004	1	1.49%	0.03%
2005	1	1.51%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.21 GUINEA

Geographic information systems/mapping (US \$ mln): Guinea 1995 - 2005

Year	Guinea	% of Region	% of Globe
1995	0	0.64%	0.00%
1996	0	0.64%	0.00%
1997	0	0.63%	0.00%
1998	0	0.63%	0.00%
1999	0	0.62%	0.00%
2000	0	0.62%	0.00%
2001	0	0.62%	0.00%
2002	0	0.63%	0.00%
2003	0	0.63%	0.00%
2004	0	0.63%	0.00%
2005	0	0.64%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.22 GUINEA-BISSAU

Geographic information systems/mapping (US \$ mln): Guinea-Bissau 1995 - 2005

Year	Guinea-Bissau	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.04%	0.00%
1999	0	0.04%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.23 IVORY COAST

Geographic information systems/mapping (US \$ mln): Ivory coast 1995 - 2005

Year	Ivory coast	% of Region	% of Globe
1995	1	2.36%	0.00%
1996	1	2.33%	0.00%
1997	1	2.31%	0.00%
1998	1	2.28%	0.00%
1999	1	2.25%	0.00%
2000	1	2.23%	0.00%
2001	1	2.25%	0.00%
2002	1	2.27%	0.00%
2003	1	2.30%	0.00%
2004	1	2.32%	0.00%
2005	1	2.35%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.24 KENYA

Geographic information systems/mapping (US \$ mln): Kenya 1995 - 2005

Year	Kenya	% of Region	% of Globe
1995	1	2.17%	0.00%
1996	1	2.15%	0.00%
1997	1	2.12%	0.00%
1998	1	2.10%	0.00%
1999	1	2.07%	0.04%
2000	1	2.05%	0.00%
2001	1	2.07%	0.04%
2002	1	2.09%	0.00%
2003	1	2.12%	0.00%
2004	1	2.14%	0.04%
2005	1	2.16%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.25 LESOTHO

Geographic information systems/mapping (US \$ mln): Lesotho 1995 - 2005

Year	Lesotho	% of Region	% of Globe
1995	0	0.25%	0.00%
1996	0	0.24%	0.00%
1997	0	0.23%	0.00%
1998	0	0.22%	0.00%
1999	0	0.21%	0.00%
2000	0	0.21%	0.00%
2001	0	0.21%	0.00%
2002	0	0.22%	0.00%
2003	0	0.23%	0.00%
2004	0	0.24%	0.00%
2005	0	0.25%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.26 LIBERIA

Geographic information systems/mapping (US \$ mln): Liberia 1995 - 2005

Year	Liberia	% of Region	% of Globe
1995	0	0.23%	0.00%
1996	0	0.24%	0.00%
1997	0	0.24%	0.00%
1998	0	0.24%	0.00%
1999	0	0.25%	0.00%
2000	0	0.25%	0.00%
2001	0	0.25%	0.00%
2002	0	0.24%	0.00%
2003	0	0.24%	0.00%
2004	0	0.24%	0.00%
2005	0	0.23%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.27 LIBYA

Geographic information systems/mapping (US \$ mln): Libya 1995 - 2005

Year	Libya	% of Region	% of Globe
1995	2	5.68%	0.13%
1996	2	5.77%	0.13%
1997	2	5.86%	0.13%
1998	2	5.96%	0.13%
1999	2	6.05%	0.13%
2000	2	6.12%	0.13%
2001	3	6.06%	0.13%
2002	3	5.97%	0.13%
2003	3	5.89%	0.12%
2004	3	5.80%	0.12%
2005	3	5.72%	0.12%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.28 MADAGASCAR

Geographic information systems/mapping (US \$ mln): Madagascar 1995 - 2005

Year	Madagascar	% of Region	% of Globe
1995	0	0.66%	0.00%
1996	0	0.66%	0.01%
1997	0	0.66%	0.00%
1998	0	0.66%	0.00%
1999	0	0.66%	0.00%
2000	0	0.66%	0.00%
2001	0	0.66%	0.00%
2002	0	0.66%	0.00%
2003	0	0.66%	0.00%
2004	0	0.66%	0.00%
2005	0	0.66%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.29 MALAWI

Geographic information systems/mapping (US \$ mln): Malawi 1995 - 2005

Year	Malawi	% of Region	% of Globe
1995	0	0.48%	0.00%
1996	0	0.46%	0.00%
1997	0	0.45%	0.00%
1998	0	0.44%	0.00%
1999	0	0.42%	0.00%
2000	0	0.42%	0.00%
2001	0	0.42%	0.00%
2002	0	0.43%	0.00%
2003	0	0.45%	0.00%
2004	0	0.46%	0.00%
2005	0	0.47%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.30 MALI

Geographic information systems/mapping (US \$ mln): Mali 1995 - 2005

Year	Mali	% of Region	% of Globe
1995	0	0.59%	0.00%
1996	0	0.59%	0.00%
1997	0	0.59%	0.01%
1998	0	0.59%	0.00%
1999	0	0.59%	0.01%
2000	0	0.59%	0.00%
2001	0	0.59%	0.00%
2002	0	0.59%	0.00%
2003	0	0.59%	0.01%
2004	0	0.59%	0.01%
2005	0	0.59%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.31 MAURITANIA

Geographic information systems/mapping (US \$ mln): Mauritania 1995 - 2005

Year	Mauritania	% of Region	% of Globe
1995	0	0.24%	0.00%
1996	0	0.24%	0.00%
1997	0	0.24%	0.00%
1998	0	0.24%	0.00%
1999	0	0.24%	0.00%
2000	0	0.24%	0.00%
2001	0	0.24%	0.00%
2002	0	0.24%	0.00%
2003	0	0.24%	0.00%
2004	0	0.24%	0.00%
2005	0	0.24%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.32 MAURITIUS

Geographic information systems/mapping (US \$ mln): Mauritius 1995 - 2005

Year	Mauritius	% of Region	% of Globe
1995	0	0.55%	0.00%
1996	0	0.55%	0.00%
1997	0	0.55%	0.00%
1998	0	0.55%	0.00%
1999	0	0.55%	0.00%
2000	0	0.55%	0.00%
2001	0	0.55%	0.00%
2002	0	0.55%	0.00%
2003	0	0.55%	0.00%
2004	0	0.55%	0.00%
2005	0	0.55%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.33 MOROCCO

Geographic information systems/mapping (US \$ mln): Morocco 1995 - 2005

Year	Morocco	% of Region	% of Globe
1995	2	4.73%	0.11%
1996	2	4.85%	0.11%
1997	2	4.98%	0.11%
1998	2	5.11%	0.11%
1999	2	5.24%	0.11%
2000	2	5.34%	0.11%
2001	2	5.25%	0.11%
2002	2	5.13%	0.11%
2003	2	5.01%	0.10%
2004	2	4.90%	0.10%
2005	3	4.78%	0.10%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.34 MOZAMBIQUE

Geographic information systems/mapping (US \$ mln): Mozambique 1995 - 2005

Year	Mozambique	% of Region	% of Globe
1995	0	0.32%	0.00%
1996	0	0.33%	0.00%
1997	0	0.34%	0.00%
1998	0	0.34%	0.00%
1999	0	0.35%	0.00%
2000	0	0.36%	0.00%
2001	0	0.35%	0.00%
2002	0	0.34%	0.00%
2003	0	0.34%	0.00%
2004	0	0.33%	0.00%
2005	0	0.33%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.35 NAMIBIA

Geographic information systems/mapping (US \$ mln): Namibia 1995 - 2005

Year	Namibia	% of Region	% of Globe
1995	0	0.41%	0.00%
1996	0	0.41%	0.00%
1997	0	0.40%	0.00%
1998	0	0.39%	0.00%
1999	0	0.39%	0.00%
2000	0	0.38%	0.00%
2001	0	0.38%	0.00%
2002	0	0.39%	0.00%
2003	0	0.40%	0.00%
2004	0	0.40%	0.00%
2005	0	0.41%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.36 NIGER

Geographic information systems/mapping (US \$ mln): Niger 1995 - 2005

Year	Niger	% of Region	% of Globe
1995	0	0.60%	0.00%
1996	0	0.59%	0.00%
1997	0	0.58%	0.00%
1998	0	0.57%	0.00%
1999	0	0.56%	0.00%
2000	0	0.55%	0.00%
2001	0	0.56%	0.00%
2002	0	0.57%	0.00%
2003	0	0.58%	0.00%
2004	0	0.59%	0.00%
2005	0	0.60%	0.01%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.37 NIGERIA

Geographic information systems/mapping (US \$ mln): Nigeria 1995 - 2005

Year	Nigeria	% of Region	% of Globe
1995	2	6.75%	0.16%
1996	2	6.76%	0.16%
1997	2	6.76%	0.15%
1998	2	6.77%	0.15%
1999	3	6.77%	0.15%
2000	3	6.77%	0.15%
2001	3	6.77%	0.14%
2002	3	6.77%	0.14%
2003	3	6.77%	0.14%
2004	3	6.76%	0.14%
2005	4	6.76%	0.14%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.38 REPUBLIC OF CONGO

Geographic information systems/mapping (US \$ mln): Republic of Congo 1995 - 2005

Year	Republic of Congo	% of Region	% of Globe
1995	0	0.54%	0.00%
1996	0	0.54%	0.00%
1997	0	0.53%	0.01%
1998	0	0.53%	0.00%
1999	0	0.53%	0.00%
2000	0	0.53%	0.00%
2001	0	0.53%	0.00%
2002	0	0.53%	0.00%
2003	0	0.53%	0.00%
2004	0	0.54%	0.00%
2005	0	0.54%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.39 RWANDA

Geographic information systems/mapping (US \$ mln): Rwanda 1995 - 2005

Year	Rwanda	% of Region	% of Globe
1995	0	0.44%	0.00%
1996	0	0.45%	0.00%
1997	0	0.46%	0.00%
1998	0	0.47%	0.00%
1999	0	0.48%	0.00%
2000	0	0.48%	0.00%
2001	0	0.48%	0.00%
2002	0	0.47%	0.00%
2003	0	0.46%	0.00%
2004	0	0.45%	0.00%
2005	0	0.45%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.40 SAO TOME E PRINCIPE

Geographic information systems/mapping (US \$ mln): Sao Tome E Principe 1995 - 2005

Year	Sao Tome E Principe	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.41 SENEGAL

Geographic information systems/mapping (US \$ mln): Senegal 1995 - 2005

Year	Senegal	% of Region	% of Globe
1995	0	1.34%	0.00%
1996	0	1.33%	0.00%
1997	0	1.32%	0.00%
1998	0	1.30%	0.00%
1999	0	1.29%	0.00%
2000	1	1.28%	0.00%
2001	1	1.29%	0.00%
2002	1	1.30%	0.00%
2003	1	1.31%	0.00%
2004	1	1.32%	0.00%
2005	1	1.33%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.42 SIERRA LEONE

Geographic information systems/mapping (US \$ mln): Sierra Leone 1995 - 2005

Year	Sierra Leone	% of Region	% of Globe
1995	0	0.25%	0.00%
1996	0	0.26%	0.00%
1997	0	0.26%	0.00%
1998	0	0.27%	0.00%
1999	0	0.27%	0.00%
2000	0	0.28%	0.00%
2001	0	0.27%	0.00%
2002	0	0.27%	0.00%
2003	0	0.26%	0.00%
2004	0	0.26%	0.00%
2005	0	0.25%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.43 SOMALIA

Geographic information systems/mapping (US \$ mln): Somalia 1995 - 2005

Year	Somalia	% of Region	% of Globe
1995	0	0.29%	0.00%
1996	0	0.29%	0.00%
1997	0	0.30%	0.00%
1998	0	0.30%	0.00%
1999	0	0.30%	0.00%
2000	0	0.30%	0.00%
2001	0	0.30%	0.00%
2002	0	0.30%	0.00%
2003	0	0.30%	0.00%
2004	0	0.30%	0.00%
2005	0	0.29%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.44 SOUTH AFRICA

Geographic information systems/mapping (US \$ mln): South Africa 1995 - 2005

Year	South Africa	% of Region	% of Globe
1995	8	23.57%	0.56%
1996	8	23.51%	0.55%
1997	8	23.44%	0.54%
1998	9	23.36%	0.53%
1999	9	23.29%	0.52%
2000	9	23.23%	0.51%
2001	10	23.28%	0.51%
2002	10	23.35%	0.50%
2003	11	23.42%	0.50%
2004	12	23.48%	0.50%
2005	13	23.54%	0.50%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.45 SUDAN

Geographic information systems/mapping (US \$ mln): Sudan 1995 - 2005

Year	Sudan	% of Region	% of Globe
1995	1	2.21%	0.00%
1996	1	2.24%	0.00%
1997	1	2.27%	0.00%
1998	1	2.31%	0.00%
1999	1	2.34%	0.00%
2000	1	2.36%	0.00%
2001	1	2.34%	0.00%
2002	1	2.31%	0.00%
2003	1	2.28%	0.00%
2004	1	2.25%	0.00%
2005	1	2.22%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.46 SWAZILAND

Geographic information systems/mapping (US \$ mln): Swaziland 1995 - 2005

Year	Swaziland	% of Region	% of Globe
1995	0	0.19%	0.00%
1996	0	0.19%	0.00%
1997	0	0.19%	0.00%
1998	0	0.19%	0.00%
1999	0	0.19%	0.00%
2000	0	0.19%	0.00%
2001	0	0.19%	0.00%
2002	0	0.19%	0.00%
2003	0	0.19%	0.00%
2004	0	0.19%	0.00%
2005	0	0.19%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.47 TANZANIA

Geographic information systems/mapping (US \$ mln): Tanzania 1995 - 2005

Year	Tanzania	% of Region	% of Globe
1995	0	1.48%	0.00%
1996	1	1.48%	0.00%
1997	1	1.48%	0.03%
1998	1	1.48%	0.00%
1999	1	1.48%	0.00%
2000	1	1.48%	0.00%
2001	1	1.48%	0.00%
2002	1	1.48%	0.00%
2003	1	1.48%	0.00%
2004	1	1.48%	0.00%
2005	1	1.48%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.48 THE GAMBIA

Geographic information systems/mapping (US \$ mln): The Gambia 1995 - 2005

Year	The Gambia	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.07%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.49 TOGO

Geographic information systems/mapping (US \$ mln): Togo 1995 - 2005

Year	Togo	% of Region	% of Globe
1995	0	0.36%	0.00%
1996	0	0.35%	0.00%
1997	0	0.35%	0.00%
1998	0	0.34%	0.00%
1999	0	0.34%	0.00%
2000	0	0.33%	0.00%
2001	0	0.34%	0.00%
2002	0	0.34%	0.00%
2003	0	0.35%	0.00%
2004	0	0.35%	0.00%
2005	0	0.36%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.50 TUNISIA

Geographic information systems/mapping (US \$ mln): Tunisia 1995 - 2005

Year	Tunisia	% of Region	% of Globe
1995	1	3.16%	0.00%
1996	1	3.13%	0.00%
1997	1	3.10%	0.00%
1998	1	3.08%	0.00%
1999	1	3.05%	0.00%
2000	1	3.03%	0.00%
2001	1	3.05%	0.00%
2002	1	3.07%	0.00%
2003	1	3.10%	0.00%
2004	2	3.12%	0.00%
2005	2	3.14%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.51 UGANDA

Geographic information systems/mapping (US \$ mln): Uganda 1995 - 2005

Year	Uganda	% of Region	% of Globe
1995	0	1.36%	0.00%
1996	0	1.33%	0.00%
1997	0	1.31%	0.00%
1998	0	1.28%	0.00%
1999	0	1.26%	0.00%
2000	0	1.24%	0.00%
2001	1	1.26%	0.00%
2002	1	1.28%	0.00%
2003	1	1.30%	0.02%
2004	1	1.32%	0.00%
2005	1	1.34%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.52 ZAMBIA

Geographic information systems/mapping (US \$ mln): Zambia 1995 - 2005

Year	Zambia	% of Region	% of Globe
1995	0	0.70%	0.00%
1996	0	0.72%	0.00%
1997	0	0.73%	0.00%
1998	0	0.74%	0.00%
1999	0	0.75%	0.00%
2000	0	0.75%	0.00%
2001	0	0.75%	0.01%
2002	0	0.74%	0.00%
2003	0	0.73%	0.00%
2004	0	0.72%	0.00%
2005	0	0.71%	0.01%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

2.53 ZIMBABWE

Geographic information systems/mapping (US \$ mln): Zimbabwe 1995 - 2005

Year	Zimbabwe	% of Region	% of Globe
1995	0	1.24%	0.00%
1996	0	1.26%	0.00%
1997	0	1.29%	0.00%
1998	0	1.31%	0.00%
1999	1	1.33%	0.00%
2000	1	1.35%	0.03%
2001	1	1.34%	0.02%
2002	1	1.31%	0.00%
2003	1	1.29%	0.00%
2004	1	1.27%	0.00%
2005	1	1.25%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3 ASIA: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING

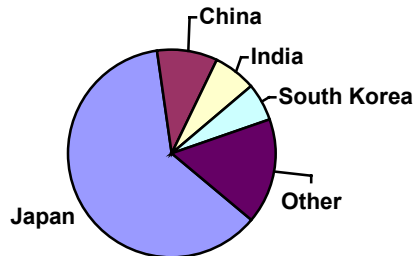
3.1 EXECUTIVE SUMMARY

**Market Potential for Geographic information systems/mapping in Asia (US \$ mln):
2000**

Country	Latent Demand US \$ mln	% of Asia
Japan	238	61.59%
China	37	9.64%
India	26	6.66%
South Korea	22	5.64%
Taiwan	15	3.97%
Indonesia	10	2.57%
Thailand	8	2.15%
Hong Kong	6	1.58%
Malaysia	5	1.16%
Philippines	4	1.12%
Singapore	3	0.88%
Burma	3	0.77%
North Korea	2	0.62%
Bangladesh	2	0.49%
Vietnam	1	0.35%
Sri Lanka	1	0.17%
Brunei	1	0.16%
Papua New Guinea	0	0.00%
Mongolia	0	0.00%
Nepal	0	0.00%
Cambodia	0	0.00%
Macau	0	0.00%
Laos	0	0.00%
Seychelles	0	0.00%
Bhutan	0	0.00%
Other	0	0.48%
Total	387	100.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

**Market Potential for Geographic information systems/mapping in Asia (US \$ mln):
2000**



The Market for Geographic information systems/mapping in Asia: 1995 - 2005

Year	US \$ mln	% of Globe
1995	318.88	23.51
1996	330.40	23.13
1997	342.44	22.75
1998	355.19	22.36
1999	369.58	21.94
2000	386.67	21.54
2001	410.50	21.36
2002	436.85	21.22
2003	465.02	21.08
2004	495.14	20.93
2005	527.33	20.78

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.2 BANGLADESH

Geographic information systems/mapping (US \$ mln): Bangladesh 1995 - 2005

Year	Bangladesh	% of Region	% of Globe
1995	2	0.51%	0.12%
1996	2	0.51%	0.11%
1997	2	0.50%	0.11%
1998	2	0.50%	0.11%
1999	2	0.49%	0.10%
2000	2	0.49%	0.10%
2001	2	0.49%	0.10%
2002	2	0.50%	0.10%
2003	2	0.50%	0.10%
2004	3	0.50%	0.10%
2005	3	0.51%	0.10%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.3 BHUTAN

Geographic information systems/mapping (US \$ mln): Bhutan 1995 - 2005

Year	Bhutan	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.4 BRUNEI

Geographic information systems/mapping (US \$ mln): Brunei 1995 - 2005

Year	Brunei	% of Region	% of Globe
1995	1	0.16%	0.00%
1996	1	0.16%	0.00%
1997	1	0.16%	0.00%
1998	1	0.16%	0.00%
1999	1	0.16%	0.00%
2000	1	0.16%	0.00%
2001	1	0.16%	0.00%
2002	1	0.16%	0.00%
2003	1	0.16%	0.00%
2004	1	0.16%	0.00%
2005	1	0.16%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.5 BURMA

Geographic information systems/mapping (US \$ mln): Burma 1995 - 2005

Year	Burma	% of Region	% of Globe
1995	3	0.83%	0.19%
1996	3	0.82%	0.19%
1997	3	0.80%	0.18%
1998	3	0.79%	0.17%
1999	3	0.78%	0.17%
2000	3	0.77%	0.16%
2001	3	0.78%	0.16%
2002	3	0.79%	0.16%
2003	4	0.80%	0.16%
2004	4	0.81%	0.17%
2005	4	0.83%	0.17%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.6 CAMBODIA

Geographic information systems/mapping (US \$ mln): Cambodia 1995 - 2005

Year	Cambodia	% of Region	% of Globe
1995	0	0.00%	0.01%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.01%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.7 CHINA

Geographic information systems/mapping (US \$ mln): China 1995 - 2005

Year	China	% of Region	% of Globe
1995	35	11.06%	2.59%
1996	36	10.75%	2.48%
1997	36	10.45%	2.37%
1998	36	10.15%	2.27%
1999	36	9.86%	2.16%
2000	37	9.64%	2.07%
2001	40	9.84%	2.10%
2002	44	10.10%	2.14%
2003	48	10.37%	2.18%
2004	53	10.64%	2.22%
2005	58	10.92%	2.26%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.8 HONG KONG

Geographic information systems/mapping (US \$ mln): Hong Kong 1995 - 2005

Year	Hong Kong	% of Region	% of Globe
1995	5	1.66%	0.39%
1996	5	1.64%	0.38%
1997	6	1.63%	0.37%
1998	6	1.61%	0.36%
1999	6	1.59%	0.35%
2000	6	1.58%	0.34%
2001	7	1.59%	0.34%
2002	7	1.61%	0.34%
2003	8	1.62%	0.34%
2004	8	1.64%	0.34%
2005	9	1.65%	0.34%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.9 INDIA

Geographic information systems/mapping (US \$ mln): India 1995 - 2005

Year	India	% of Region	% of Globe
1995	23	7.07%	1.66%
1996	23	6.98%	1.61%
1997	24	6.90%	1.57%
1998	24	6.81%	1.52%
1999	25	6.72%	1.47%
2000	26	6.66%	1.43%
2001	28	6.72%	1.43%
2002	30	6.80%	1.44%
2003	32	6.87%	1.44%
2004	34	6.95%	1.45%
2005	37	7.03%	1.46%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.10 INDONESIA

Geographic information systems/mapping (US \$ mln): Indonesia 1995 - 2005

Year	Indonesia	% of Region	% of Globe
1995	9	2.82%	0.66%
1996	9	2.76%	0.64%
1997	9	2.71%	0.61%
1998	9	2.66%	0.59%
1999	10	2.61%	0.57%
2000	10	2.57%	0.55%
2001	11	2.60%	0.55%
2002	12	2.65%	0.56%
2003	13	2.70%	0.56%
2004	14	2.75%	0.57%
2005	15	2.79%	0.58%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.11 JAPAN

Geographic information systems/mapping (US \$ mln): Japan 1995 - 2005

Year	Japan	% of Region	% of Globe
1995	184	57.72%	13.56%
1996	193	58.55%	13.54%
1997	203	59.37%	13.50%
1998	214	60.18%	13.45%
1999	225	60.99%	13.38%
2000	238	61.59%	13.27%
2001	251	61.05%	13.04%
2002	264	60.32%	12.80%
2003	277	59.59%	12.55%
2004	291	58.84%	12.31%
2005	306	58.10%	12.07%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.12 LAOS

Geographic information systems/mapping (US \$ mln): Laos 1995 - 2005

Year	Laos	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.02%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.13 MACAU

Geographic information systems/mapping (US \$ mln): Macau 1995 - 2005

Year	Macau	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.05%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.14 MALAYSIA

Geographic information systems/mapping (US \$ mln): Malaysia 1995 - 2005

Year	Malaysia	% of Region	% of Globe
1995	4	1.32%	0.31%
1996	4	1.29%	0.29%
1997	4	1.25%	0.28%
1998	4	1.22%	0.27%
1999	4	1.19%	0.26%
2000	5	1.16%	0.25%
2001	5	1.18%	0.25%
2002	5	1.21%	0.25%
2003	6	1.24%	0.26%
2004	6	1.28%	0.26%
2005	7	1.31%	0.27%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.15 MALDIVES

Geographic information systems/mapping (US \$ mln): Maldives 1995 - 2005

Year	Maldives	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.16 MONGOLIA

Geographic information systems/mapping (US \$ mln): Mongolia 1995 - 2005

Year	Mongolia	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.08%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.17 NEPAL

Geographic information systems/mapping (US \$ mln): Nepal 1995 - 2005

Year	Nepal	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.01%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.18 NORTH KOREA

Geographic information systems/mapping (US \$ mln): North Korea 1995 - 2005

Year	North Korea	% of Region	% of Globe
1995	2	0.55%	0.13%
1996	2	0.57%	0.13%
1997	2	0.58%	0.13%
1998	2	0.60%	0.13%
1999	2	0.61%	0.13%
2000	2	0.62%	0.13%
2001	3	0.61%	0.13%
2002	3	0.60%	0.12%
2003	3	0.59%	0.12%
2004	3	0.57%	0.12%
2005	3	0.56%	0.11%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.19 PAPUA NEW GUINEA

Geographic information systems/mapping (US \$ mln): Papua New Guinea 1995 - 2005

Year	Papua New Guinea	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.01%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.08%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.20 PHILIPPINES

Geographic information systems/mapping (US \$ mln): Philippines 1995 - 2005

Year	Philippines	% of Region	% of Globe
1995	4	1.18%	0.27%
1996	4	1.17%	0.27%
1997	4	1.15%	0.26%
1998	4	1.14%	0.25%
1999	4	1.13%	0.24%
2000	4	1.12%	0.24%
2001	5	1.13%	0.24%
2002	5	1.14%	0.24%
2003	5	1.15%	0.24%
2004	6	1.16%	0.24%
2005	6	1.17%	0.24%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.21 SEYCHELLES

Geographic information systems/mapping (US \$ mln): Seychelles 1995 - 2005

Year	Seychelles	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.22 SINGAPORE

Geographic information systems/mapping (US \$ mln): Singapore 1995 - 2005

Year	Singapore	% of Region	% of Globe
1995	3	0.99%	0.23%
1996	3	0.96%	0.22%
1997	3	0.94%	0.21%
1998	3	0.92%	0.20%
1999	3	0.90%	0.19%
2000	3	0.88%	0.19%
2001	4	0.89%	0.19%
2002	4	0.91%	0.19%
2003	4	0.93%	0.19%
2004	5	0.95%	0.20%
2005	5	0.98%	0.20%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.23 SOUTH KOREA

Geographic information systems/mapping (US \$ mln): South Korea 1995 - 2005

Year	South Korea	% of Region	% of Globe
1995	21	6.44%	1.51%
1996	21	6.27%	1.45%
1997	21	6.10%	1.38%
1998	21	5.93%	1.32%
1999	21	5.76%	1.26%
2000	22	5.64%	1.21%
2001	24	5.75%	1.22%
2002	26	5.90%	1.25%
2003	28	6.05%	1.27%
2004	31	6.20%	1.29%
2005	34	6.36%	1.32%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.24 SRI LANKA

Geographic information systems/mapping (US \$ mln): Sri Lanka 1995 - 2005

Year	Sri Lanka	% of Region	% of Globe
1995	1	0.17%	0.00%
1996	1	0.17%	0.00%
1997	1	0.17%	0.00%
1998	1	0.17%	0.00%
1999	1	0.17%	0.00%
2000	1	0.17%	0.03%
2001	1	0.17%	0.00%
2002	1	0.17%	0.03%
2003	1	0.17%	0.00%
2004	1	0.17%	0.03%
2005	1	0.17%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.25 TAIWAN

Geographic information systems/mapping (US \$ mln): Taiwan 1995 - 2005

Year	Taiwan	% of Region	% of Globe
1995	14	4.25%	0.99%
1996	14	4.19%	0.97%
1997	14	4.13%	0.94%
1998	14	4.07%	0.91%
1999	15	4.01%	0.88%
2000	15	3.97%	0.85%
2001	16	4.01%	0.85%
2002	18	4.06%	0.86%
2003	19	4.12%	0.86%
2004	21	4.17%	0.87%
2005	22	4.22%	0.87%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.26 THAILAND

Geographic information systems/mapping (US \$ mln): Thailand 1995 - 2005

Year	Thailand	% of Region	% of Globe
1995	8	2.40%	0.56%
1996	8	2.35%	0.54%
1997	8	2.29%	0.52%
1998	8	2.24%	0.50%
1999	8	2.19%	0.48%
2000	8	2.15%	0.46%
2001	9	2.19%	0.46%
2002	10	2.23%	0.47%
2003	11	2.28%	0.48%
2004	12	2.33%	0.48%
2005	13	2.38%	0.49%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

3.27 VIETNAM

Geographic information systems/mapping (US \$ mln): Vietnam 1995 - 2005

Year	Vietnam	% of Region	% of Globe
1995	1	0.40%	0.00%
1996	1	0.39%	0.00%
1997	1	0.38%	0.08%
1998	1	0.37%	0.00%
1999	1	0.36%	0.00%
2000	1	0.35%	0.00%
2001	1	0.36%	0.00%
2002	2	0.37%	0.00%
2003	2	0.38%	0.00%
2004	2	0.39%	0.08%
2005	2	0.39%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4 EUROPE: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING

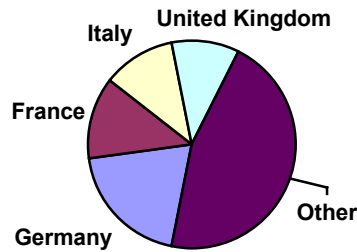
4.1 EXECUTIVE SUMMARY

Market Potential for Geographic information systems/mapping in Europe (US \$ mln): 2000

Country	Latent Demand US \$ mln	% of Europe
Germany	129	19.60%
France	84	12.85%
Italy	75	11.42%
United Kingdom	69	10.54%
Russia	61	9.35%
Spain	37	5.64%
Netherlands	20	3.10%
Ukraine	17	2.64%
Switzerland	17	2.63%
Sweden	16	2.40%
Belgium	14	2.10%
Norway	14	2.08%
Poland	12	1.83%
Austria	12	1.75%
Finland	10	1.44%
Denmark	9	1.36%
Portugal	6	0.94%
Greece	6	0.92%
Romania	6	0.85%
Czech Republic	5	0.81%
Kazakhstan	5	0.70%
Belarus	4	0.65%
Hungary	4	0.58%
Ireland	3	0.46%
Slovakia	2	0.35%
Other	19	3.01%
Total	656	100.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

Market Potential for Geographic information systems/mapping in Europe (US \$ mln): 2000



The Market for Geographic information systems/mapping in Europe: 1995 - 2005

Year	US \$ mln	% of Globe
1995	531.34	39.17
1996	552.84	38.70
1997	575.26	38.21
1998	598.90	37.70
1999	625.38	37.13
2000	655.96	36.55
2001	694.79	36.16
2002	737.06	35.80
2003	781.97	35.44
2004	829.66	35.07
2005	880.34	34.70

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.2 ALBANIA

Geographic information systems/mapping (US \$ mln): Albania 1995 - 2005

Year	Albania	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.3 ANDORRA

Geographic information systems/mapping (US \$ mln): Andorra 1995 - 2005

Year	Andorra	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.4 AUSTRIA

Geographic information systems/mapping (US \$ mln): Austria 1995 - 2005

Year	Austria	% of Region	% of Globe
1995	9	1.76%	0.69%
1996	10	1.76%	0.68%
1997	10	1.75%	0.67%
1998	11	1.75%	0.66%
1999	11	1.75%	0.65%
2000	12	1.75%	0.64%
2001	12	1.75%	0.63%
2002	13	1.75%	0.62%
2003	14	1.75%	0.62%
2004	15	1.76%	0.61%
2005	16	1.76%	0.61%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.5 BELARUS

Geographic information systems/mapping (US \$ mln): Belarus 1995 - 2005

Year	Belarus	% of Region	% of Globe
1995	3	0.57%	0.22%
1996	3	0.58%	0.22%
1997	3	0.60%	0.23%
1998	4	0.62%	0.23%
1999	4	0.64%	0.23%
2000	4	0.65%	0.24%
2001	4	0.64%	0.23%
2002	5	0.62%	0.22%
2003	5	0.61%	0.21%
2004	5	0.59%	0.20%
2005	5	0.58%	0.20%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.6 BELGIUM

Geographic information systems/mapping (US \$ mln): Belgium 1995 - 2005

Year	Belgium	% of Region	% of Globe
1995	11	2.10%	0.82%
1996	12	2.10%	0.81%
1997	12	2.10%	0.80%
1998	13	2.10%	0.79%
1999	13	2.10%	0.78%
2000	14	2.10%	0.76%
2001	15	2.10%	0.76%
2002	16	2.10%	0.75%
2003	16	2.10%	0.74%
2004	17	2.10%	0.73%
2005	19	2.10%	0.73%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.7 BOSNIA AND HERZEGOVINA

Geographic information systems/mapping (US \$ mln): Bosnia and Herzegovina 1995 - 2005

Year	Bosnia and Herzegovina	% of Region	% of Globe
1995	1	0.12%	0.00%
1996	1	0.12%	0.00%
1997	1	0.13%	0.00%
1998	1	0.13%	0.00%
1999	1	0.13%	0.00%
2000	1	0.13%	0.04%
2001	1	0.13%	0.00%
2002	1	0.13%	0.00%
2003	1	0.13%	0.00%
2004	1	0.12%	0.00%
2005	1	0.12%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.8 BULGARIA

Geographic information systems/mapping (US \$ mln): Bulgaria 1995 - 2005

Year	Bulgaria	% of Region	% of Globe
1995	2	0.35%	0.13%
1996	2	0.35%	0.13%
1997	2	0.35%	0.13%
1998	2	0.35%	0.13%
1999	2	0.35%	0.13%
2000	2	0.35%	0.12%
2001	2	0.35%	0.12%
2002	3	0.35%	0.12%
2003	3	0.35%	0.12%
2004	3	0.35%	0.12%
2005	3	0.35%	0.12%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.9 CROATIA

Geographic information systems/mapping (US \$ mln): Croatia 1995 - 2005

Year	Croatia	% of Region	% of Globe
1995	2	0.32%	0.12%
1996	2	0.32%	0.12%
1997	2	0.32%	0.12%
1998	2	0.32%	0.12%
1999	2	0.33%	0.12%
2000	2	0.33%	0.12%
2001	2	0.33%	0.11%
2002	2	0.32%	0.11%
2003	3	0.32%	0.11%
2004	3	0.32%	0.11%
2005	3	0.32%	0.11%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.10 CYPRUS

Geographic information systems/mapping (US \$ mln): Cyprus 1995 - 2005

Year	Cyprus	% of Region	% of Globe
1995	0	0.00%	0.02%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.07%	0.00%
2001	0	0.00%	0.00%
2002	1	0.00%	0.00%
2003	1	0.00%	0.00%
2004	1	0.00%	0.00%
2005	1	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.11 CZECH REPUBLIC

Geographic information systems/mapping (US \$ mln): Czech Republic 1995 - 2005

Year	Czech Republic	% of Region	% of Globe
1995	5	0.86%	0.34%
1996	5	0.85%	0.33%
1997	5	0.84%	0.32%
1998	5	0.83%	0.31%
1999	5	0.82%	0.30%
2000	5	0.81%	0.29%
2001	6	0.82%	0.29%
2002	6	0.83%	0.29%
2003	7	0.84%	0.29%
2004	7	0.85%	0.29%
2005	8	0.86%	0.29%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.12 DENMARK

Geographic information systems/mapping (US \$ mln): Denmark 1995 - 2005

Year	Denmark	% of Region	% of Globe
1995	7	1.39%	0.54%
1996	8	1.38%	0.53%
1997	8	1.38%	0.52%
1998	8	1.37%	0.51%
1999	9	1.36%	0.50%
2000	9	1.36%	0.49%
2001	10	1.36%	0.49%
2002	10	1.37%	0.49%
2003	11	1.37%	0.48%
2004	11	1.38%	0.48%
2005	12	1.39%	0.48%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.13 ESTONIA

Geographic information systems/mapping (US \$ mln): Estonia 1995 - 2005

Year	Estonia	% of Region	% of Globe
1995	1	0.11%	0.00%
1996	1	0.11%	0.00%
1997	1	0.10%	0.00%
1998	1	0.10%	0.04%
1999	1	0.10%	0.00%
2000	1	0.10%	0.00%
2001	1	0.10%	0.00%
2002	1	0.10%	0.00%
2003	1	0.10%	0.00%
2004	1	0.11%	0.03%
2005	1	0.11%	0.03%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.14 FINLAND

Geographic information systems/mapping (US \$ mln): Finland 1995 - 2005

Year	Finland	% of Region	% of Globe
1995	8	1.55%	0.60%
1996	8	1.53%	0.59%
1997	9	1.50%	0.57%
1998	9	1.48%	0.56%
1999	9	1.46%	0.54%
2000	10	1.44%	0.52%
2001	10	1.46%	0.52%
2002	11	1.48%	0.53%
2003	12	1.50%	0.53%
2004	13	1.52%	0.53%
2005	14	1.54%	0.53%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.15 FRANCE

Geographic information systems/mapping (US \$ mln): France 1995 - 2005

Year	France	% of Region	% of Globe
1995	69	12.92%	5.06%
1996	71	12.91%	4.99%
1997	74	12.90%	4.92%
1998	77	12.88%	4.85%
1999	80	12.87%	4.77%
2000	84	12.85%	4.69%
2001	89	12.86%	4.65%
2002	95	12.88%	4.61%
2003	101	12.89%	4.57%
2004	107	12.90%	4.52%
2005	114	12.91%	4.48%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.16 GEORGIA

Geographic information systems/mapping (US \$ mln): Georgia 1995 - 2005

Year	Georgia	% of Region	% of Globe
1995	1	0.22%	0.00%
1996	1	0.23%	0.00%
1997	1	0.24%	0.00%
1998	2	0.25%	0.00%
1999	2	0.25%	0.00%
2000	2	0.26%	0.09%
2001	2	0.25%	0.00%
2002	2	0.25%	0.00%
2003	2	0.24%	0.00%
2004	2	0.23%	0.08%
2005	2	0.23%	0.08%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.17 GERMANY

Geographic information systems/mapping (US \$ mln): Germany 1995 - 2005

Year	Germany	% of Region	% of Globe
1995	103	19.41%	7.60%
1996	108	19.45%	7.52%
1997	112	19.49%	7.45%
1998	117	19.53%	7.36%
1999	122	19.57%	7.26%
2000	129	19.60%	7.16%
2001	136	19.57%	7.07%
2002	144	19.54%	6.99%
2003	153	19.50%	6.91%
2004	162	19.46%	6.82%
2005	171	19.43%	6.74%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.18 GREECE

Geographic information systems/mapping (US \$ mln): Greece 1995 - 2005

Year	Greece	% of Region	% of Globe
1995	5	0.91%	0.35%
1996	5	0.91%	0.35%
1997	5	0.92%	0.35%
1998	6	0.92%	0.34%
1999	6	0.92%	0.34%
2000	6	0.92%	0.33%
2001	6	0.92%	0.33%
2002	7	0.92%	0.33%
2003	7	0.92%	0.32%
2004	8	0.91%	0.32%
2005	8	0.91%	0.31%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.19 HUNGARY

Geographic information systems/mapping (US \$ mln): Hungary 1995 - 2005

Year	Hungary	% of Region	% of Globe
1995	4	0.67%	0.26%
1996	4	0.65%	0.25%
1997	4	0.63%	0.24%
1998	4	0.61%	0.23%
1999	4	0.59%	0.22%
2000	4	0.58%	0.21%
2001	4	0.59%	0.21%
2002	5	0.61%	0.21%
2003	5	0.62%	0.22%
2004	5	0.64%	0.22%
2005	6	0.66%	0.23%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.20 ICELAND

Geographic information systems/mapping (US \$ mln): Iceland 1995 - 2005

Year	Iceland	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.07%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	1	0.00%	0.00%
2003	1	0.00%	0.02%
2004	1	0.00%	0.00%
2005	1	0.00%	0.02%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.21 IRELAND

Geographic information systems/mapping (US \$ mln): Ireland 1995 - 2005

Year	Ireland	% of Region	% of Globe
1995	3	0.51%	0.20%
1996	3	0.50%	0.19%
1997	3	0.49%	0.18%
1998	3	0.48%	0.18%
1999	3	0.47%	0.17%
2000	3	0.46%	0.16%
2001	3	0.47%	0.17%
2002	4	0.48%	0.17%
2003	4	0.49%	0.17%
2004	4	0.49%	0.17%
2005	4	0.50%	0.17%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.22 ITALY

Geographic information systems/mapping (US \$ mln): Italy 1995 - 2005

Year	Italy	% of Region	% of Globe
1995	62	11.70%	4.58%
1996	64	11.65%	4.50%
1997	67	11.59%	4.42%
1998	69	11.52%	4.34%
1999	72	11.46%	4.25%
2000	75	11.42%	4.17%
2001	80	11.46%	4.14%
2002	85	11.51%	4.12%
2003	91	11.57%	4.10%
2004	96	11.62%	4.07%
2005	103	11.68%	4.05%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.23 KAZAKHSTAN

Geographic information systems/mapping (US \$ mln): Kazakhstan 1995 - 2005

Year	Kazakhstan	% of Region	% of Globe
1995	3	0.62%	0.24%
1996	4	0.63%	0.24%
1997	4	0.65%	0.25%
1998	4	0.67%	0.25%
1999	4	0.69%	0.25%
2000	5	0.70%	0.25%
2001	5	0.69%	0.25%
2002	5	0.67%	0.24%
2003	5	0.66%	0.23%
2004	5	0.64%	0.22%
2005	6	0.63%	0.21%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.24 LATVIA

Geographic information systems/mapping (US \$ mln): Latvia 1995 - 2005

Year	Latvia	% of Region	% of Globe
1995	1	0.17%	0.00%
1996	1	0.17%	0.00%
1997	1	0.17%	0.00%
1998	1	0.18%	0.00%
1999	1	0.18%	0.00%
2000	1	0.18%	0.00%
2001	1	0.18%	0.00%
2002	1	0.18%	0.00%
2003	1	0.17%	0.00%
2004	1	0.17%	0.00%
2005	2	0.17%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.25 LIECHTENSTEIN

Geographic information systems/mapping (US \$ mln): Liechtenstein 1995 - 2005

Year	Liechtenstein	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.26 LITHUANIA

Geographic information systems/mapping (US \$ mln): Lithuania 1995 - 2005

Year	Lithuania	% of Region	% of Globe
1995	1	0.22%	0.00%
1996	1	0.23%	0.00%
1997	1	0.23%	0.00%
1998	1	0.23%	0.00%
1999	1	0.23%	0.00%
2000	2	0.23%	0.00%
2001	2	0.23%	0.00%
2002	2	0.23%	0.08%
2003	2	0.23%	0.00%
2004	2	0.23%	0.00%
2005	2	0.23%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.27 LUXEMBOURG

Geographic information systems/mapping (US \$ mln): Luxembourg 1995 - 2005

Year	Luxembourg	% of Region	% of Globe
1995	1	0.13%	0.00%
1996	1	0.13%	0.00%
1997	1	0.12%	0.04%
1998	1	0.12%	0.04%
1999	1	0.12%	0.04%
2000	1	0.12%	0.04%
2001	1	0.12%	0.00%
2002	1	0.12%	0.00%
2003	1	0.12%	0.00%
2004	1	0.12%	0.00%
2005	1	0.13%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.28 MACEDONIA

Geographic information systems/mapping (US \$ mln): Macedonia 1995 - 2005

Year	Macedonia	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.02%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.07%	0.00%
2000	0	0.00%	0.02%
2001	1	0.00%	0.02%
2002	1	0.00%	0.00%
2003	1	0.00%	0.00%
2004	1	0.00%	0.00%
2005	1	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.29 MALTA

Geographic information systems/mapping (US \$ mln): Malta 1995 - 2005

Year	Malta	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.01%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.03%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.30 MOLDOVA

Geographic information systems/mapping (US \$ mln): Moldova 1995 - 2005

Year	Moldova	% of Region	% of Globe
1995	1	0.17%	0.00%
1996	1	0.17%	0.00%
1997	1	0.18%	0.00%
1998	1	0.18%	0.00%
1999	1	0.18%	0.00%
2000	1	0.18%	0.00%
2001	1	0.18%	0.00%
2002	1	0.18%	0.00%
2003	1	0.18%	0.00%
2004	1	0.17%	0.00%
2005	2	0.17%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.31 MONACO

Geographic information systems/mapping (US \$ mln): Monaco 1995 - 2005

Year	Monaco	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.32 NETHERLANDS

Geographic information systems/mapping (US \$ mln): Netherlands 1995 - 2005

Year	Netherlands	% of Region	% of Globe
1995	17	3.13%	1.22%
1996	17	3.12%	1.21%
1997	18	3.12%	1.19%
1998	19	3.11%	1.17%
1999	19	3.11%	1.15%
2000	20	3.10%	1.13%
2001	22	3.11%	1.12%
2002	23	3.11%	1.11%
2003	24	3.12%	1.10%
2004	26	3.12%	1.09%
2005	28	3.13%	1.08%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.33 NORWAY

Geographic information systems/mapping (US \$ mln): Norway 1995 - 2005

Year	Norway	% of Region	% of Globe
1995	12	2.20%	0.86%
1996	12	2.17%	0.84%
1997	12	2.15%	0.82%
1998	13	2.12%	0.80%
1999	13	2.10%	0.77%
2000	14	2.08%	0.76%
2001	15	2.09%	0.75%
2002	16	2.12%	0.75%
2003	17	2.14%	0.76%
2004	18	2.16%	0.76%
2005	19	2.19%	0.76%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.34 POLAND

Geographic information systems/mapping (US \$ mln): Poland 1995 - 2005

Year	Poland	% of Region	% of Globe
1995	11	2.01%	0.78%
1996	11	1.97%	0.76%
1997	11	1.93%	0.73%
1998	11	1.89%	0.71%
1999	12	1.86%	0.69%
2000	12	1.83%	0.66%
2001	13	1.85%	0.67%
2002	14	1.89%	0.67%
2003	15	1.92%	0.68%
2004	16	1.95%	0.68%
2005	18	1.99%	0.69%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.35 PORTUGAL

Geographic information systems/mapping (US \$ mln): Portugal 1995 - 2005

Year	Portugal	% of Region	% of Globe
1995	5	0.96%	0.37%
1996	5	0.96%	0.37%
1997	6	0.95%	0.36%
1998	6	0.95%	0.35%
1999	6	0.95%	0.35%
2000	6	0.94%	0.34%
2001	7	0.95%	0.34%
2002	7	0.95%	0.34%
2003	7	0.95%	0.33%
2004	8	0.95%	0.33%
2005	8	0.96%	0.33%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.36 ROMANIA

Geographic information systems/mapping (US \$ mln): Romania 1995 - 2005

Year	Romania	% of Region	% of Globe
1995	5	0.91%	0.36%
1996	5	0.90%	0.35%
1997	5	0.89%	0.34%
1998	5	0.87%	0.33%
1999	5	0.86%	0.32%
2000	6	0.85%	0.31%
2001	6	0.86%	0.31%
2002	6	0.87%	0.31%
2003	7	0.88%	0.31%
2004	7	0.90%	0.31%
2005	8	0.91%	0.31%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.37 RUSSIA

Geographic information systems/mapping (US \$ mln): Russia 1995 - 2005

Year	Russia	% of Region	% of Globe
1995	46	8.56%	3.35%
1996	48	8.72%	3.37%
1997	51	8.88%	3.39%
1998	54	9.05%	3.41%
1999	58	9.22%	3.42%
2000	61	9.35%	3.41%
2001	64	9.23%	3.34%
2002	67	9.08%	3.25%
2003	70	8.93%	3.16%
2004	73	8.78%	3.08%
2005	76	8.63%	2.99%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.38 SERBIA AND MONTENEGRO

Geographic information systems/mapping (US \$ mln): Serbia and Montenegro 1995 - 2005

Year	Serbia and Montenegro	% of Region	% of Globe
1995	2	0.35%	0.13%
1996	2	0.35%	0.13%
1997	2	0.34%	0.13%
1998	2	0.34%	0.13%
1999	2	0.34%	0.12%
2000	2	0.34%	0.12%
2001	2	0.34%	0.12%
2002	3	0.34%	0.12%
2003	3	0.34%	0.12%
2004	3	0.35%	0.12%
2005	3	0.35%	0.12%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.39 SLOVAKIA

Geographic information systems/mapping (US \$ mln): Slovakia 1995 - 2005

Year	Slovakia	% of Region	% of Globe
1995	2	0.38%	0.15%
1996	2	0.38%	0.14%
1997	2	0.37%	0.14%
1998	2	0.36%	0.13%
1999	2	0.36%	0.13%
2000	2	0.35%	0.13%
2001	3	0.36%	0.13%
2002	3	0.36%	0.13%
2003	3	0.37%	0.13%
2004	3	0.37%	0.13%
2005	3	0.38%	0.13%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.40 SLOVENIA

Geographic information systems/mapping (US \$ mln): Slovenia 1995 - 2005

Year	Slovenia	% of Region	% of Globe
1995	1	0.27%	0.10%
1996	2	0.27%	0.10%
1997	2	0.26%	0.10%
1998	2	0.26%	0.10%
1999	2	0.26%	0.09%
2000	2	0.26%	0.00%
2001	2	0.26%	0.00%
2002	2	0.26%	0.00%
2003	2	0.26%	0.00%
2004	2	0.27%	0.00%
2005	2	0.27%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.41 SPAIN

Geographic information systems/mapping (US \$ mln): Spain 1995 - 2005

Year	Spain	% of Region	% of Globe
1995	31	5.75%	2.25%
1996	32	5.73%	2.21%
1997	33	5.71%	2.18%
1998	34	5.68%	2.14%
1999	35	5.66%	2.10%
2000	37	5.64%	2.06%
2001	39	5.66%	2.04%
2002	42	5.68%	2.03%
2003	45	5.70%	2.02%
2004	48	5.72%	2.00%
2005	51	5.74%	1.99%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.42 SWEDEN

Geographic information systems/mapping (US \$ mln): Sweden 1995 - 2005

Year	Sweden	% of Region	% of Globe
1995	13	2.48%	0.97%
1996	14	2.46%	0.95%
1997	14	2.44%	0.93%
1998	15	2.43%	0.91%
1999	15	2.41%	0.89%
2000	16	2.40%	0.87%
2001	17	2.41%	0.87%
2002	18	2.42%	0.86%
2003	19	2.44%	0.86%
2004	20	2.45%	0.86%
2005	22	2.47%	0.85%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.43 SWITZERLAND

Geographic information systems/mapping (US \$ mln): Switzerland 1995 - 2005

Year	Switzerland	% of Region	% of Globe
1995	14	2.56%	1.00%
1996	14	2.58%	0.99%
1997	15	2.59%	0.99%
1998	16	2.60%	0.98%
1999	16	2.62%	0.97%
2000	17	2.63%	0.96%
2001	18	2.62%	0.94%
2002	19	2.61%	0.93%
2003	20	2.60%	0.92%
2004	21	2.58%	0.90%
2005	23	2.57%	0.89%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.44 UKRAINE

Geographic information systems/mapping (US \$ mln): Ukraine 1995 - 2005

Year	Ukraine	% of Region	% of Globe
1995	13	2.42%	0.94%
1996	14	2.46%	0.95%
1997	14	2.51%	0.96%
1998	15	2.56%	0.96%
1999	16	2.60%	0.96%
2000	17	2.64%	0.96%
2001	18	2.61%	0.94%
2002	19	2.56%	0.91%
2003	20	2.52%	0.89%
2004	21	2.48%	0.87%
2005	22	2.44%	0.84%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

4.45 UNITED KINGDOM

Geographic information systems/mapping (US \$ mln): United Kingdom 1995 - 2005

Year	United Kingdom	% of Region	% of Globe
1995	57	10.67%	4.18%
1996	59	10.64%	4.12%
1997	61	10.62%	4.05%
1998	63	10.59%	3.99%
1999	66	10.56%	3.92%
2000	69	10.54%	3.85%
2001	73	10.56%	3.81%
2002	78	10.58%	3.79%
2003	83	10.61%	3.76%
2004	88	10.63%	3.73%
2005	94	10.66%	3.69%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5 LATIN AMERICA: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING

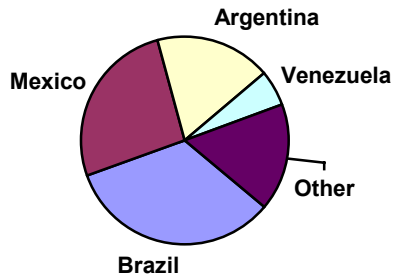
5.1 EXECUTIVE SUMMARY

Market Potential for Geographic information systems/mapping in Latin America (US \$ mln): 2000

Country	Latent Demand US \$ mln	% of Latin America
Brazil	32	33.43%
Mexico	25	26.43%
Argentina	17	17.78%
Venezuela	6	5.79%
Colombia	4	4.05%
Chile	3	2.80%
Peru	3	2.65%
Guatemala	1	1.10%
Ecuador	1	0.98%
Panama	1	0.89%
Uruguay	1	0.85%
Paraguay	1	0.60%
El Salvador	1	0.53%
Costa Rica	1	0.53%
Bolivia	0	0.50%
Honduras	0	0.49%
Nicaragua	0	0.27%
Suriname	0	0.12%
Belize	0	0.00%
Guyana	0	0.00%
Total	96	100.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

**Market Potential for Geographic information systems/mapping in Latin America
(US \$ mln): 2000**



The Market for Geographic information systems/mapping in Latin America: 1995 - 2005

Year	US \$ mln	% of Globe
1995	76.57	5.64
1996	79.90	5.59
1997	83.40	5.54
1998	87.11	5.48
1999	91.28	5.42
2000	96.01	5.35
2001	101.44	5.28
2002	107.27	5.21
2003	113.47	5.14
2004	120.04	5.07
2005	127.04	5.01

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.2 ARGENTINA

Geographic information systems/mapping (US \$ mln): Argentina 1995 - 2005

Year	Argentina	% of Region	% of Globe
1995	13	16.48%	0.93%
1996	13	16.76%	0.93%
1997	14	17.03%	0.94%
1998	15	17.30%	0.94%
1999	16	17.58%	0.95%
2000	17	17.78%	0.95%
2001	18	17.60%	0.92%
2002	19	17.35%	0.90%
2003	19	17.10%	0.87%
2004	20	16.86%	0.85%
2005	21	16.61%	0.83%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.3 BELIZE

Geographic information systems/mapping (US \$ mln): Belize 1995 - 2005

Year	Belize	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.03%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.4 BOLIVIA

Geographic information systems/mapping (US \$ mln): Bolivia 1995 - 2005

Year	Bolivia	% of Region	% of Globe
1995	0	0.52%	0.00%
1996	0	0.52%	0.00%
1997	0	0.51%	0.00%
1998	0	0.51%	0.00%
1999	0	0.50%	0.02%
2000	0	0.50%	0.00%
2001	1	0.50%	0.00%
2002	1	0.51%	0.00%
2003	1	0.51%	0.00%
2004	1	0.52%	0.00%
2005	1	0.52%	0.02%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.5 BRAZIL

Geographic information systems/mapping (US \$ mln): Brazil 1995 - 2005

Year	Brazil	% of Region	% of Globe
1995	27	35.68%	2.01%
1996	28	35.22%	1.97%
1997	29	34.75%	1.92%
1998	30	34.27%	1.87%
1999	31	33.80%	1.83%
2000	32	33.43%	1.78%
2001	34	33.76%	1.78%
2002	37	34.19%	1.78%
2003	39	34.62%	1.78%
2004	42	35.04%	1.77%
2005	45	35.47%	1.77%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.6 CHILE

Geographic information systems/mapping (US \$ mln): Chile 1995 - 2005

Year	Chile	% of Region	% of Globe
1995	2	3.23%	0.18%
1996	3	3.13%	0.17%
1997	3	3.04%	0.16%
1998	3	2.95%	0.16%
1999	3	2.87%	0.15%
2000	3	2.80%	0.15%
2001	3	2.86%	0.15%
2002	3	2.94%	0.15%
2003	3	3.02%	0.15%
2004	4	3.10%	0.15%
2005	4	3.18%	0.15%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.7 COLOMBIA

Geographic information systems/mapping (US \$ mln): Colombia 1995 - 2005

Year	Colombia	% of Region	% of Globe
1995	3	4.43%	0.25%
1996	3	4.35%	0.24%
1997	4	4.27%	0.23%
1998	4	4.19%	0.23%
1999	4	4.11%	0.22%
2000	4	4.05%	0.21%
2001	4	4.11%	0.21%
2002	4	4.18%	0.21%
2003	5	4.25%	0.21%
2004	5	4.32%	0.21%
2005	6	4.40%	0.22%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.8 COSTA RICA

Geographic information systems/mapping (US \$ mln): Costa Rica 1995 - 2005

Year	Costa Rica	% of Region	% of Globe
1995	0	0.54%	0.00%
1996	0	0.54%	0.00%
1997	0	0.54%	0.00%
1998	0	0.54%	0.00%
1999	0	0.53%	0.00%
2000	1	0.53%	0.00%
2001	1	0.53%	0.00%
2002	1	0.54%	0.02%
2003	1	0.54%	0.00%
2004	1	0.54%	0.00%
2005	1	0.54%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.9 ECUADOR

Geographic information systems/mapping (US \$ mln): Ecuador 1995 - 2005

Year	Ecuador	% of Region	% of Globe
1995	1	1.00%	0.05%
1996	1	0.99%	0.00%
1997	1	0.99%	0.05%
1998	1	0.99%	0.00%
1999	1	0.98%	0.00%
2000	1	0.98%	0.00%
2001	1	0.98%	0.00%
2002	1	0.98%	0.00%
2003	1	0.99%	0.00%
2004	1	0.99%	0.00%
2005	1	0.99%	0.05%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.10 EL SALVADOR

Geographic information systems/mapping (US \$ mln): El Salvador 1995 - 2005

Year	El Salvador	% of Region	% of Globe
1995	0	0.59%	0.00%
1996	0	0.58%	0.03%
1997	0	0.57%	0.00%
1998	0	0.55%	0.00%
1999	0	0.54%	0.00%
2000	1	0.53%	0.00%
2001	1	0.54%	0.00%
2002	1	0.55%	0.00%
2003	1	0.56%	0.02%
2004	1	0.58%	0.00%
2005	1	0.59%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.11 GUATEMALA

Geographic information systems/mapping (US \$ mln): Guatemala 1995 - 2005

Year	Guatemala	% of Region	% of Globe
1995	1	1.20%	0.00%
1996	1	1.18%	0.00%
1997	1	1.16%	0.06%
1998	1	1.14%	0.00%
1999	1	1.12%	0.00%
2000	1	1.10%	0.00%
2001	1	1.11%	0.00%
2002	1	1.13%	0.00%
2003	1	1.15%	0.00%
2004	1	1.17%	0.00%
2005	2	1.19%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.12 GUYANA

Geographic information systems/mapping (US \$ mln): Guyana 1995 - 2005

Year	Guyana	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.02%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.13 HONDURAS

Geographic information systems/mapping (US \$ mln): Honduras 1995 - 2005

Year	Honduras	% of Region	% of Globe
1995	0	0.52%	0.00%
1996	0	0.51%	0.02%
1997	0	0.51%	0.00%
1998	0	0.50%	0.00%
1999	0	0.49%	0.02%
2000	0	0.49%	0.00%
2001	1	0.49%	0.00%
2002	1	0.50%	0.02%
2003	1	0.50%	0.00%
2004	1	0.51%	0.00%
2005	1	0.52%	0.02%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.14 MEXICO

Geographic information systems/mapping (US \$ mln): Mexico 1995 - 2005

Year	Mexico	% of Region	% of Globe
1995	18	23.98%	1.35%
1996	20	24.49%	1.37%
1997	21	25.00%	1.38%
1998	22	25.52%	1.39%
1999	24	26.03%	1.41%
2000	25	26.43%	1.41%
2001	26	26.07%	1.37%
2002	27	25.61%	1.33%
2003	29	25.14%	1.29%
2004	30	24.68%	1.25%
2005	31	24.22%	1.21%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.15 NICARAGUA

Geographic information systems/mapping (US \$ mln): Nicaragua 1995 - 2005

Year	Nicaragua	% of Region	% of Globe
1995	0	0.28%	0.00%
1996	0	0.28%	0.00%
1997	0	0.28%	0.00%
1998	0	0.27%	0.00%
1999	0	0.27%	0.01%
2000	0	0.27%	0.00%
2001	0	0.27%	0.00%
2002	0	0.27%	0.00%
2003	0	0.27%	0.00%
2004	0	0.28%	0.00%
2005	0	0.28%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.16 PANAMA

Geographic information systems/mapping (US \$ mln): Panama 1995 - 2005

Year	Panama	% of Region	% of Globe
1995	1	0.92%	0.00%
1996	1	0.91%	0.00%
1997	1	0.91%	0.00%
1998	1	0.90%	0.00%
1999	1	0.90%	0.00%
2000	1	0.89%	0.00%
2001	1	0.90%	0.00%
2002	1	0.90%	0.04%
2003	1	0.91%	0.00%
2004	1	0.91%	0.00%
2005	1	0.92%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.17 PARAGUAY

Geographic information systems/mapping (US \$ mln): Paraguay 1995 - 2005

Year	Paraguay	% of Region	% of Globe
1995	0	0.64%	0.00%
1996	1	0.64%	0.00%
1997	1	0.63%	0.00%
1998	1	0.62%	0.00%
1999	1	0.61%	0.00%
2000	1	0.60%	0.00%
2001	1	0.61%	0.00%
2002	1	0.62%	0.00%
2003	1	0.62%	0.00%
2004	1	0.63%	0.00%
2005	1	0.64%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.18 PERU

Geographic information systems/mapping (US \$ mln): Peru 1995 - 2005

Year	Peru	% of Region	% of Globe
1995	2	2.97%	0.16%
1996	2	2.90%	0.16%
1997	2	2.83%	0.15%
1998	2	2.77%	0.15%
1999	2	2.70%	0.14%
2000	3	2.65%	0.14%
2001	3	2.70%	0.14%
2002	3	2.76%	0.14%
2003	3	2.82%	0.14%
2004	3	2.88%	0.14%
2005	4	2.94%	0.14%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.19 SURINAME

Geographic information systems/mapping (US \$ mln): Suriname 1995 - 2005

Year	Suriname	% of Region	% of Globe
1995	0	0.12%	0.00%
1996	0	0.12%	0.00%
1997	0	0.12%	0.00%
1998	0	0.12%	0.00%
1999	0	0.12%	0.00%
2000	0	0.12%	0.00%
2001	0	0.12%	0.00%
2002	0	0.12%	0.00%
2003	0	0.12%	0.00%
2004	0	0.12%	0.00%
2005	0	0.12%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.20 URUGUAY

Geographic information systems/mapping (US \$ mln): Uruguay 1995 - 2005

Year	Uruguay	% of Region	% of Globe
1995	1	0.80%	0.00%
1996	1	0.81%	0.00%
1997	1	0.82%	0.00%
1998	1	0.83%	0.00%
1999	1	0.84%	0.00%
2000	1	0.85%	0.04%
2001	1	0.84%	0.00%
2002	1	0.83%	0.00%
2003	1	0.82%	0.00%
2004	1	0.81%	0.00%
2005	1	0.80%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

5.21 VENEZUELA

Geographic information systems/mapping (US \$ mln): Venezuela 1995 - 2005

Year	Venezuela	% of Region	% of Globe
1995	5	5.88%	0.33%
1996	5	5.87%	0.32%
1997	5	5.85%	0.32%
1998	5	5.83%	0.31%
1999	5	5.81%	0.31%
2000	6	5.79%	0.31%
2001	6	5.81%	0.30%
2002	6	5.83%	0.30%
2003	7	5.84%	0.30%
2004	7	5.86%	0.29%
2005	7	5.88%	0.29%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6 NORTH AMERICA & THE CARIBBEAN: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING

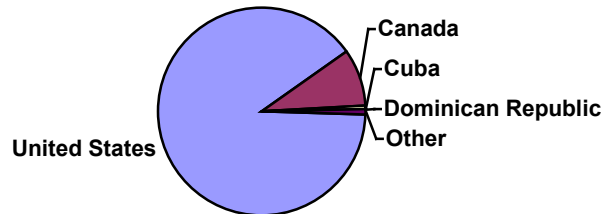
6.1 EXECUTIVE SUMMARY

Market Potential for Geographic information systems/mapping in North America & the Caribbean (US \$ mln): 2000

Country	Latent Demand US \$ mln	% of North America & the Caribbean
United States	444	89.71%
Canada	44	8.97%
Cuba	2	0.39%
Dominican Republic	1	0.13%
Trinidad and Tobago	0	0.00%
Jamaica	0	0.00%
Bahamas	0	0.00%
Haiti	0	0.00%
Martinique	0	0.00%
Barbados	0	0.00%
Netherlands Antilles	0	0.00%
Bermuda	0	0.02%
St. Lucia	0	0.00%
Antigua and Barbuda	0	0.00%
Grenada	0	0.00%
St. Vincent and the Grenadines	0	0.00%
St. Kitts and Nevis	0	0.00%
Dominica	0	0.00%
Total	493	100.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

Market Potential for Geographic information systems/mapping in North America & the Caribbean (US \$ mln): 2000



The Market for Geographic information systems/mapping in North America & the Caribbean: 1995 - 2005

Year	US \$ mln	% of Globe
1995	298.96	22.04
1996	329.27	23.05
1997	362.83	24.10
1998	400.37	25.20
1999	444.58	26.39
2000	495.27	27.59
2001	544.03	28.31
2002	596.32	28.97
2003	653.72	29.63
2004	716.71	30.30
2005	785.86	30.97

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.2 ANTIGUA AND BARBUDA

Geographic information systems/mapping (US \$ mln): Antigua and Barbuda 1995 - 2005

Year	Antigua and Barbuda	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.3 BAHAMAS

Geographic information systems/mapping (US \$ mln): Bahamas 1995 - 2005

Year	Bahamas	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.04%	0.00%
2002	0	0.00%	0.01%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.4 BARBADOS

Geographic information systems/mapping (US \$ mln): Barbados 1995 - 2005

Year	Barbados	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.03%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.02%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.5 BERMUDA

Geographic information systems/mapping (US \$ mln): Bermuda 1995 - 2005

Year	Bermuda	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.02%	0.00%
2001	0	0.02%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.6 CANADA

Geographic information systems/mapping (US \$ mln): Canada 1995 - 2005

Year	Canada	% of Region	% of Globe
1995	36	12.02%	2.64%
1996	37	11.36%	2.61%
1997	39	10.73%	2.58%
1998	41	10.13%	2.55%
1999	42	9.53%	2.51%
2000	44	8.97%	2.47%
2001	47	8.65%	2.45%
2002	50	8.37%	2.42%
2003	53	8.10%	2.39%
2004	56	7.83%	2.37%
2005	60	7.57%	2.34%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.7 CUBA

Geographic information systems/mapping (US \$ mln): Cuba 1995 - 2005

Year	Cuba	% of Region	% of Globe
1995	2	0.53%	0.11%
1996	2	0.50%	0.11%
1997	2	0.47%	0.11%
1998	2	0.44%	0.11%
1999	2	0.41%	0.11%
2000	2	0.39%	0.10%
2001	2	0.38%	0.10%
2002	2	0.36%	0.10%
2003	2	0.35%	0.10%
2004	2	0.34%	0.10%
2005	3	0.33%	0.10%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.8 DOMINICA

Geographic information systems/mapping (US \$ mln): Dominica 1995 - 2005

Year	Dominica	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.9 DOMINICAN REPUBLIC

Geographic information systems/mapping (US \$ mln): Dominican Republic 1995 - 2005

Year	Dominican Republic	% of Region	% of Globe
1995	1	0.18%	0.04%
1996	1	0.17%	0.00%
1997	1	0.16%	0.03%
1998	1	0.15%	0.00%
1999	1	0.14%	0.00%
2000	1	0.13%	0.00%
2001	1	0.12%	0.00%
2002	1	0.12%	0.00%
2003	1	0.12%	0.00%
2004	1	0.11%	0.00%
2005	1	0.11%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.10 GRENADA

Geographic information systems/mapping (US \$ mln): Grenada 1995 - 2005

Year	Grenada	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.11 HAITI

Geographic information systems/mapping (US \$ mln): Haiti 1995 - 2005

Year	Haiti	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.05%	0.00%
1999	0	0.04%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.01%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.12 JAMAICA

Geographic information systems/mapping (US \$ mln): Jamaica 1995 - 2005

Year	Jamaica	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.06%	0.00%
1998	0	0.00%	0.00%
1999	0	0.05%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.13 MARTINIQUE

Geographic information systems/mapping (US \$ mln): Martinique 1995 - 2005

Year	Martinique	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.14 NETHERLANDS ANTILLES

Geographic information systems/mapping (US \$ mln): Netherlands Antilles 1995 - 2005

Year	Netherlands Antilles	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.02%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.15 ST. KITTS AND NEVIS

Geographic information systems/mapping (US \$ mln): St. Kitts and Nevis 1995 - 2005

Year	St. Kitts and Nevis	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.16 ST. LUCIA

Geographic information systems/mapping (US \$ mln): St. Lucia 1995 - 2005

Year	St. Lucia	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.17 ST. VINCENT AND THE GRENADINES

Geographic information systems/mapping (US \$ mln): St. Vincent and the Grenadines 1995 - 2005

Year	St. Vincent and the Grenadines	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.18 TRINIDAD AND TOBAGO

Geographic information systems/mapping (US \$ mln): Trinidad and Tobago 1995 - 2005

Year	Trinidad and Tobago	% of Region	% of Globe
1995	0	0.10%	0.00%
1996	0	0.00%	0.02%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	1	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

6.19 UNITED STATES

Geographic information systems/mapping (US \$ mln): United States 1995 - 2005

Year	United States	% of Region	% of Globe
1995	258	86.19%	18.99%
1996	286	86.95%	20.04%
1997	318	87.68%	21.13%
1998	354	88.37%	22.27%
1999	396	89.07%	23.51%
2000	444	89.71%	24.75%
2001	490	90.07%	25.50%
2002	539	90.39%	26.18%
2003	593	90.70%	26.87%
2004	652	91.00%	27.57%
2005	717	91.29%	28.27%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7 OCEANA: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING

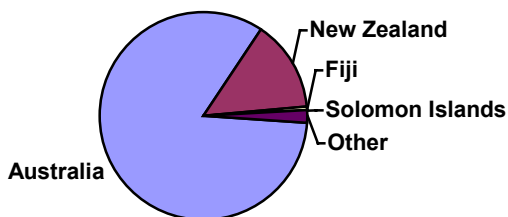
7.1 EXECUTIVE SUMMARY

Market Potential for Geographic information systems/mapping in Oceana (US \$ mln): 2000

Country	Latent Demand US \$ mln	% of Oceana
Australia	23	83.26%
New Zealand	4	14.37%
Fiji	0	0.40%
Solomon Islands	0	0.08%
American Samoa	0	0.00%
Nauru	0	0.00%
Vanuatu	0	0.00%
Tonga	0	0.00%
Micronesia Federation	0	0.00%
Palau	0	0.00%
Marshall Islands	0	0.00%
Kiribati	0	0.00%
Tuvalu	0	0.00%
Total	27	100.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

Market Potential for Geographic information systems/mapping in Oceana (US \$ mln): 2000



The Market for Geographic information systems/mapping in Oceania: 1995 - 2005

Year	US \$ mln	% of Globe
1995	22.65	1.67
1996	23.40	1.64
1997	24.18	1.61
1998	25.00	1.57
1999	25.92	1.54
2000	27.04	1.51
2001	28.78	1.50
2002	30.73	1.49
2003	32.81	1.49
2004	35.03	1.48
2005	37.40	1.47

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.2 AMERICAN SAMOA

Geographic information systems/mapping (US \$ mln): American Samoa 1995 - 2005

Year	American Samoa	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.06%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.3 AUSTRALIA

Geographic information systems/mapping (US \$ mln): Australia 1995 - 2005

Year	Australia	% of Region	% of Globe
1995	19	82.76%	1.38%
1996	19	82.87%	1.35%
1997	20	82.97%	1.33%
1998	21	83.08%	1.30%
1999	22	83.18%	1.28%
2000	23	83.26%	1.25%
2001	24	83.19%	1.24%
2002	26	83.10%	1.24%
2003	27	83.00%	1.23%
2004	29	82.91%	1.22%
2005	31	82.81%	1.22%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.4 FIJI

Geographic information systems/mapping (US \$ mln): Fiji 1995 - 2005

Year	Fiji	% of Region	% of Globe
1995	0	0.39%	0.00%
1996	0	0.39%	0.00%
1997	0	0.39%	0.00%
1998	0	0.40%	0.00%
1999	0	0.40%	0.00%
2000	0	0.40%	0.00%
2001	0	0.40%	0.00%
2002	0	0.40%	0.00%
2003	0	0.39%	0.00%
2004	0	0.39%	0.00%
2005	0	0.39%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.5 KIRIBATI

Geographic information systems/mapping (US \$ mln): Kiribati 1995 - 2005

Year	Kiribati	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.6 MARSHALL ISLANDS

Geographic information systems/mapping (US \$ mln): Marshall Islands 1995 - 2005

Year	Marshall Islands	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.7 MICRONESIA FEDERATION

Geographic information systems/mapping (US \$ mln): Micronesia Federation 1995 - 2005

Year	Micronesia Federation	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.8 NAURU

Geographic information systems/mapping (US \$ mln): Nauru 1995 - 2005

Year	Nauru	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.05%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.9 NEW ZEALAND

Geographic information systems/mapping (US \$ mln): New Zealand 1995 - 2005

Year	New Zealand	% of Region	% of Globe
1995	3	15.02%	0.25%
1996	3	14.88%	0.24%
1997	4	14.74%	0.23%
1998	4	14.61%	0.22%
1999	4	14.47%	0.22%
2000	4	14.37%	0.21%
2001	4	14.46%	0.21%
2002	4	14.58%	0.21%
2003	5	14.71%	0.21%
2004	5	14.83%	0.21%
2005	6	14.95%	0.22%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.10 PALAU

Geographic information systems/mapping (US \$ mln): Palau 1995 - 2005

Year	Palau	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.02%	0.00%
2002	0	0.02%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.02%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.11 SOLOMON ISLANDS

Geographic information systems/mapping (US \$ mln): Solomon Islands 1995 - 2005

Year	Solomon Islands	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.08%	0.00%
1999	0	0.00%	0.00%
2000	0	0.08%	0.00%
2001	0	0.00%	0.00%
2002	0	0.08%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.12 TONGA

Geographic information systems/mapping (US \$ mln): Tonga 1995 - 2005

Year	Tonga	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.03%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.13 TUVALU

Geographic information systems/mapping (US \$ mln): Tuvalu 1995 - 2005

Year	Tuvalu	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.00%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

7.14 VANUATU

Geographic information systems/mapping (US \$ mln): Vanuatu 1995 - 2005

Year	Vanuatu	% of Region	% of Globe
1995	0	0.00%	0.00%
1996	0	0.05%	0.00%
1997	0	0.00%	0.00%
1998	0	0.00%	0.00%
1999	0	0.00%	0.00%
2000	0	0.00%	0.00%
2001	0	0.00%	0.00%
2002	0	0.00%	0.00%
2003	0	0.00%	0.00%
2004	0	0.00%	0.00%
2005	0	0.00%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8 THE MIDDLE EAST: GEOGRAPHIC INFORMATION SYSTEMS/MAPPING

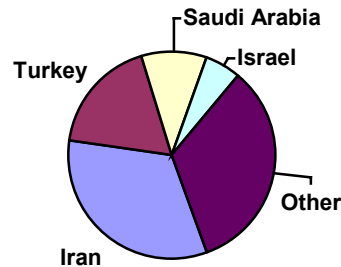
8.1 EXECUTIVE SUMMARY

Market Potential for Geographic information systems/mapping in the Middle East
(US \$ mln): 2000

Country	Latent Demand US \$ mln	% of the Middle East
Iran	31	32.74%
Turkey	17	18.04%
Saudi Arabia	10	10.39%
Israel	5	5.38%
Uzbekistan	5	5.07%
Pakistan	4	4.70%
Iraq	4	3.82%
United Arab Emirates	3	3.01%
Syrian Arab Republic	3	2.79%
Azerbaijan	2	2.21%
Kuwait	2	2.02%
Armenia	1	1.24%
Oman	1	1.21%
Tajikistan	1	1.19%
Kyrgyzstan	1	1.14%
Turkmenistan	1	1.11%
Yemen	1	0.99%
Qatar	1	0.73%
Jordan	1	0.73%
Lebanon	0	0.50%
Afghanistan	0	0.36%
Bahrain	0	0.35%
Total	94	100.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

**Market Potential for Geographic information systems/mapping in the Middle East
(US \$ mln): 2000**



**The Market for Geographic information systems/mapping in the Middle East: 1995
- 2005**

Year	US \$ mln	% of Globe
1995	75.62	5.57
1996	78.81	5.52
1997	82.15	5.46
1998	85.69	5.39
1999	89.67	5.32
2000	94.22	5.25
2001	99.64	5.19
2002	105.50	5.12
2003	111.72	5.06
2004	118.34	5.00
2005	125.39	4.94

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.2 AFGHANISTAN

Geographic information systems/mapping (US \$ mln): Afghanistan 1995 - 2005

Year	Afghanistan	% of Region	% of Globe
1995	0	0.34%	0.00%
1996	0	0.34%	0.00%
1997	0	0.35%	0.00%
1998	0	0.35%	0.00%
1999	0	0.35%	0.00%
2000	0	0.36%	0.00%
2001	0	0.35%	0.00%
2002	0	0.35%	0.00%
2003	0	0.35%	0.00%
2004	0	0.35%	0.00%
2005	0	0.34%	0.01%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.3 ARMENIA

Geographic information systems/mapping (US \$ mln): Armenia 1995 - 2005

Year	Armenia	% of Region	% of Globe
1995	1	1.35%	0.00%
1996	1	1.33%	0.00%
1997	1	1.30%	0.00%
1998	1	1.28%	0.00%
1999	1	1.26%	0.00%
2000	1	1.24%	0.00%
2001	1	1.26%	0.00%
2002	1	1.28%	0.00%
2003	1	1.30%	0.00%
2004	2	1.32%	0.06%
2005	2	1.34%	0.06%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.4 AZERBAIJAN

Geographic information systems/mapping (US \$ mln): Azerbaijan 1995 - 2005

Year	Azerbaijan	% of Region	% of Globe
1995	1	1.83%	0.10%
1996	2	1.90%	0.10%
1997	2	1.98%	0.10%
1998	2	2.06%	0.11%
1999	2	2.14%	0.11%
2000	2	2.21%	0.11%
2001	2	2.15%	0.11%
2002	2	2.07%	0.10%
2003	2	2.00%	0.10%
2004	2	1.93%	0.00%
2005	2	1.86%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.5 BAHRAIN

Geographic information systems/mapping (US \$ mln): Bahrain 1995 - 2005

Year	Bahrain	% of Region	% of Globe
1995	0	0.33%	0.00%
1996	0	0.33%	0.00%
1997	0	0.33%	0.00%
1998	0	0.34%	0.00%
1999	0	0.34%	0.00%
2000	0	0.35%	0.00%
2001	0	0.34%	0.00%
2002	0	0.34%	0.00%
2003	0	0.34%	0.00%
2004	0	0.33%	0.00%
2005	0	0.33%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.6 IRAN

Geographic information systems/mapping (US \$ mln): Iran 1995 - 2005

Year	Iran	% of Region	% of Globe
1995	23	30.77%	1.71%
1996	25	31.19%	1.72%
1997	26	31.61%	1.72%
1998	27	32.02%	1.72%
1999	29	32.44%	1.72%
2000	31	32.74%	1.71%
2001	32	32.47%	1.68%
2002	34	32.10%	1.64%
2003	35	31.72%	1.60%
2004	37	31.34%	1.56%
2005	39	30.96%	1.53%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.7 IRAQ

Geographic information systems/mapping (US \$ mln): Iraq 1995 - 2005

Year	Iraq	% of Region	% of Globe
1995	3	3.65%	0.20%
1996	3	3.69%	0.20%
1997	3	3.73%	0.20%
1998	3	3.76%	0.20%
1999	3	3.80%	0.20%
2000	4	3.82%	0.20%
2001	4	3.80%	0.19%
2002	4	3.77%	0.19%
2003	4	3.74%	0.18%
2004	4	3.70%	0.18%
2005	5	3.67%	0.18%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.8 ISRAEL

Geographic information systems/mapping (US \$ mln): Israel 1995 - 2005

Year	Israel	% of Region	% of Globe
1995	5	6.02%	0.33%
1996	5	5.89%	0.32%
1997	5	5.75%	0.31%
1998	5	5.62%	0.30%
1999	5	5.48%	0.29%
2000	5	5.38%	0.28%
2001	5	5.47%	0.28%
2002	6	5.59%	0.28%
2003	6	5.71%	0.28%
2004	7	5.84%	0.29%
2005	7	5.96%	0.29%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.9 JORDAN

Geographic information systems/mapping (US \$ mln): Jordan 1995 - 2005

Year	Jordan	% of Region	% of Globe
1995	1	0.81%	0.00%
1996	1	0.79%	0.00%
1997	1	0.78%	0.00%
1998	1	0.76%	0.00%
1999	1	0.74%	0.00%
2000	1	0.73%	0.00%
2001	1	0.74%	0.03%
2002	1	0.76%	0.00%
2003	1	0.77%	0.00%
2004	1	0.79%	0.00%
2005	1	0.80%	0.03%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.10 KUWAIT

Geographic information systems/mapping (US \$ mln): Kuwait 1995 - 2005

Year	Kuwait	% of Region	% of Globe
1995	2	2.08%	0.11%
1996	2	2.07%	0.11%
1997	2	2.06%	0.11%
1998	2	2.05%	0.11%
1999	2	2.03%	0.10%
2000	2	2.02%	0.10%
2001	2	2.03%	0.10%
2002	2	2.04%	0.10%
2003	2	2.06%	0.10%
2004	2	2.07%	0.10%
2005	3	2.08%	0.10%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.11 KYRGYZSTAN

Geographic information systems/mapping (US \$ mln): Kyrgyzstan 1995 - 2005

Year	Kyrgyzstan	% of Region	% of Globe
1995	1	1.03%	0.00%
1996	1	1.05%	0.00%
1997	1	1.08%	0.00%
1998	1	1.10%	0.00%
1999	1	1.12%	0.00%
2000	1	1.14%	0.00%
2001	1	1.12%	0.00%
2002	1	1.10%	0.00%
2003	1	1.08%	0.00%
2004	1	1.06%	0.00%
2005	1	1.04%	0.05%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.12 LEBANON

Geographic information systems/mapping (US \$ mln): Lebanon 1995 - 2005

Year	Lebanon	% of Region	% of Globe
1995	0	0.56%	0.03%
1996	0	0.54%	0.00%
1997	0	0.53%	0.00%
1998	0	0.52%	0.00%
1999	0	0.51%	0.00%
2000	0	0.50%	0.00%
2001	1	0.51%	0.00%
2002	1	0.52%	0.00%
2003	1	0.53%	0.00%
2004	1	0.54%	0.00%
2005	1	0.55%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.13 OMAN

Geographic information systems/mapping (US \$ mln): Oman 1995 - 2005

Year	Oman	% of Region	% of Globe
1995	1	1.26%	0.00%
1996	1	1.25%	0.00%
1997	1	1.24%	0.00%
1998	1	1.23%	0.06%
1999	1	1.22%	0.00%
2000	1	1.21%	0.00%
2001	1	1.22%	0.06%
2002	1	1.23%	0.00%
2003	1	1.24%	0.00%
2004	1	1.25%	0.00%
2005	2	1.26%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.14 PAKISTAN

Geographic information systems/mapping (US \$ mln): Pakistan 1995 - 2005

Year	Pakistan	% of Region	% of Globe
1995	4	5.04%	0.28%
1996	4	4.97%	0.27%
1997	4	4.90%	0.26%
1998	4	4.83%	0.26%
1999	4	4.75%	0.25%
2000	4	4.70%	0.24%
2001	5	4.75%	0.24%
2002	5	4.81%	0.24%
2003	5	4.88%	0.24%
2004	6	4.95%	0.24%
2005	6	5.01%	0.24%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.15 QATAR

Geographic information systems/mapping (US \$ mln): Qatar 1995 - 2005

Year	Qatar	% of Region	% of Globe
1995	1	0.69%	0.00%
1996	1	0.70%	0.00%
1997	1	0.71%	0.00%
1998	1	0.72%	0.00%
1999	1	0.73%	0.00%
2000	1	0.73%	0.00%
2001	1	0.73%	0.03%
2002	1	0.72%	0.00%
2003	1	0.71%	0.03%
2004	1	0.71%	0.00%
2005	1	0.70%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.16 SAUDI ARABIA

Geographic information systems/mapping (US \$ mln): Saudi Arabia 1995 - 2005

Year	Saudi Arabia	% of Region	% of Globe
1995	8	9.93%	0.55%
1996	8	10.03%	0.55%
1997	8	10.13%	0.55%
1998	9	10.23%	0.55%
1999	9	10.32%	0.54%
2000	10	10.39%	0.54%
2001	10	10.33%	0.53%
2002	11	10.25%	0.52%
2003	11	10.16%	0.51%
2004	12	10.07%	0.50%
2005	13	9.98%	0.49%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.17 SYRIAN ARAB REPUBLIC

Geographic information systems/mapping (US \$ mln): Syrian Arab Republic 1995 - 2005

Year	Syrian Arab Republic	% of Region	% of Globe
1995	2	2.98%	0.16%
1996	2	2.94%	0.16%
1997	2	2.90%	0.15%
1998	2	2.86%	0.15%
1999	3	2.82%	0.15%
2000	3	2.79%	0.14%
2001	3	2.82%	0.14%
2002	3	2.85%	0.14%
2003	3	2.89%	0.14%
2004	3	2.92%	0.14%
2005	4	2.96%	0.14%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.18 TAJIKISTAN

Geographic information systems/mapping (US \$ mln): Tajikistan 1995 - 2005

Year	Tajikistan	% of Region	% of Globe
1995	1	1.02%	0.00%
1996	1	1.06%	0.00%
1997	1	1.09%	0.00%
1998	1	1.13%	0.00%
1999	1	1.16%	0.00%
2000	1	1.19%	0.00%
2001	1	1.16%	0.00%
2002	1	1.13%	0.05%
2003	1	1.10%	0.00%
2004	1	1.07%	0.00%
2005	1	1.04%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.19 TURKEY

Geographic information systems/mapping (US \$ mln): Turkey 1995 - 2005

Year	Turkey	% of Region	% of Globe
1995	15	20.09%	1.12%
1996	15	19.65%	1.08%
1997	16	19.22%	1.04%
1998	16	18.79%	1.01%
1999	16	18.36%	0.97%
2000	17	18.04%	0.94%
2001	18	18.33%	0.95%
2002	20	18.71%	0.95%
2003	21	19.10%	0.96%
2004	23	19.50%	0.97%
2005	25	19.89%	0.98%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.20 TURKMENISTAN

Geographic information systems/mapping (US \$ mln): Turkmenistan 1995 - 2005

Year	Turkmenistan	% of Region	% of Globe
1995	1	0.97%	0.00%
1996	1	1.00%	0.00%
1997	1	1.03%	0.00%
1998	1	1.06%	0.00%
1999	1	1.09%	0.05%
2000	1	1.11%	0.05%
2001	1	1.09%	0.05%
2002	1	1.06%	0.05%
2003	1	1.04%	0.00%
2004	1	1.01%	0.00%
2005	1	0.99%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.21 UNITED ARAB EMIRATES

Geographic information systems/mapping (US \$ mln): United Arab Emirates 1995 - 2005

Year	United Arab Emirates	% of Region	% of Globe
1995	2	3.12%	0.17%
1996	2	3.10%	0.17%
1997	3	3.08%	0.16%
1998	3	3.05%	0.16%
1999	3	3.03%	0.16%
2000	3	3.01%	0.15%
2001	3	3.03%	0.15%
2002	3	3.05%	0.15%
2003	3	3.07%	0.15%
2004	4	3.09%	0.15%
2005	4	3.11%	0.15%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.22 UZBEKISTAN

Geographic information systems/mapping (US \$ mln): Uzbekistan 1995 - 2005

Year	Uzbekistan	% of Region	% of Globe
1995	4	4.81%	0.26%
1996	4	4.86%	0.26%
1997	4	4.92%	0.26%
1998	4	4.98%	0.26%
1999	5	5.03%	0.26%
2000	5	5.07%	0.26%
2001	5	5.04%	0.26%
2002	5	4.99%	0.25%
2003	6	4.94%	0.25%
2004	6	4.89%	0.24%
2005	6	4.83%	0.23%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

8.23 YEMEN

Geographic information systems/mapping (US \$ mln): Yemen 1995 - 2005

Year	Yemen	% of Region	% of Globe
1995	1	1.03%	0.00%
1996	1	1.03%	0.00%
1997	1	1.02%	0.00%
1998	1	1.01%	0.05%
1999	1	1.00%	0.00%
2000	1	0.99%	0.00%
2001	1	1.00%	0.00%
2002	1	1.01%	0.05%
2003	1	1.01%	0.00%
2004	1	1.02%	0.00%
2005	1	1.03%	0.00%

Source: Icon Group Ltd., copyright 2000, www.icongroupedition.com

9 DISCLAIMERS, WARRANTIES, AND USER AGREEMENT PROVISIONS

9.1 DISCLAIMERS & SAFE HARBOR

Summary disclaimer. This publication ("Report") does not constitute legal, valuation, tax, or financial consulting advice. Nor is it a statement on the performance, management capability or future potential (good or bad) of the company(ies), industry(ies), product(s), region(s), city(ies) or country(ies) discussed. It is offered as an information service to clients, associates, and academicians. Those interested in specific guidance for legal, strategic, and/or financial or accounting matters should seek competent professional assistance from their own advisors.

Information was furnished to Icon Group Ltd. ("Icon Group"), and its subsidiaries (Icon Group International, Inc.), by its internal researchers and/or extracted from public filings, or sources available within the public domain, including other information providers (e.g. EDGAR filings, national organizations and international organizations). Icon Group does not promise or warrant that we will obtain information from any particular independent source. Published regularly by Icon Group, this and similar reports provide analysis on cities, countries, industries, and/or foreign and domestic companies which may or may not be publicly traded. Icon Group reports are used by various companies and persons including consulting firms, investment officers, pension fund managers, registered representatives, and other financial service professionals. Any commentary, observations or discussion by Icon Group about a country, city, region, industry or company does not constitute a recommendation to buy or sell company shares or make investment decisions. Further, the financial condition or outlook for each industry, city, country, or company may change after the date of the publication, and Icon Group does not warrant, promise or represent that it will provide report users with notice of that change, nor will Icon Group promise updates on the information presented.

Safe Harbor for Forward-Looking Statements. Icon Group reports, including the present report, make numerous forward-looking statements which should be treated as such. Forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Reform Act of 1995, and similar local laws. Forward-looking statements involve known and unknown risks and uncertainties, which may cause a company's, city's, country's or industry's actual results or outlook in future periods to differ materially from those forecasted. These risks and uncertainties include, among other things, product price volatility, exchange rate volatility, regulation volatility, product demand volatility, data inaccuracies, computer- or software-generated calculation inaccuracies, market competition, changes in management style, changes in corporate strategy, and risks inherent in international and corporate operations. Forward-looking statements can be identified in statements by the fact that they do not relate strictly to historical or current facts. They use words such as "anticipate," "estimate," "expect," "project," "intend," "plan," "feel", "think", "hear," "guess," "forecast," "believe," and other words and terms of similar

meaning in connection with any discussion of future operating, economic or financial performance. This equally applies to all statements relating to an industry, city, country, region, economic variable or company financial situation. Icon Group recommends that the reader follow the advice of Nancy M. Smith, Director of SEC's Office of Investor Education and Assistance, who has been quoted to say, "Never, ever, make an investment based solely on what you read in an online newsletter or Internet bulletin board, especially if the investment involves a small, thinly-traded company that isn't well known ... Assume that the information about these companies is not trustworthy unless you can prove otherwise through your own independent research." Similar recommendations apply to decisions relating to industry studies, product category studies, corporate strategies discussions and country evaluations. In the case of Icon Group reports, many factors can affect the actual outcome of the period discussed, including exchange rate volatility, changes in accounting standards, the lack of oversight or comparability in accounting standards, changes in economic conditions, changes in competition, changes in the global economy, changes in source data quality, changes in reported data quality, changes in methodology and similar factors.

Information Accuracy. Although the statements in this report are derived from or based upon various information sources and/or econometric models that Icon Group believes to be reliable, we do not guarantee their accuracy, reliability, quality, and any such information, or resulting analyses, may be incomplete, rounded, inaccurate or condensed. All estimates included in this report are subject to change without notice. This report is for informational purposes only and is not intended as a recommendation to invest in a city, country, industry or product area, or an offer or solicitation with respect to the purchase or sale of a security, stock, or financial instrument. This report does not take into account the investment objectives, financial situation or particular needs of any particular person or legal entity. With respect to any specific company, city, country, region, or industry that might be discussed in this report, investors should obtain individual financial advice based on their own particular circumstances before making an investment decision on the basis of the information in this report. Investing in either U.S. or non-U.S. securities or markets entails inherent risks. In addition, exchange rate movements may have an effect on the reliability of the estimates provided in this report. Icon Group is not a registered Investment Adviser or a Broker/Dealer.

9.2 ICON GROUP LTD. USER AGREEMENT PROVISIONS

Ownership. User agrees that Icon Group Ltd. ("Icon Group") and its subsidiaries (Icon Group International, Inc.) retains all rights, title and interests, including copyright and other proprietary rights, in this report and all material, including but not limited to text, images, and other multimedia data, provided or made available as part of this report ("Report").

Restrictions on Use. User agrees that it will not copy nor license, sell, transfer, make available or otherwise distribute the Report to any entity or person, except that User may (a) make available to its employees electronic copies of Report, (b) allow its employees to store, manipulate, and reformat Report, and (c) allow its employees to make paper copies of Report, provided that such

electronic and paper copies are used solely internally and are not distributed to any third parties. In all cases the User agrees to fully inform and distribute to other internal users all discussions covering the methodology of this Report and the disclaimers and caveats associated with this Report. User shall use its best efforts to stop any unauthorized copying or distribution immediately after such unauthorized use becomes known. The provisions of this paragraph are for the benefit of Icon Group and its information resellers, each of which shall have the right to enforce its rights hereunder directly and on its own behalf.

No Warranty. The Report is provided on an "AS IS" basis. ICON GROUP DISCLAIMS ANY AND ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, RELATING TO THIS AGREEMENT, PERFORMANCE UNDER THIS AGREEMENT, THE REPORT. Icon Group makes no warranties regarding the completeness, accuracy or availability of the Report.

Limitation of Liability. In no event shall Icon Group, its employees or its agent, resellers and distributors be liable to User or any other person or entity for any direct, indirect, special, exemplary, punitive, or consequential damages, including lost profits, based on breach of warranty, contract, negligence, strict liability or otherwise, arising from the use of the report or under this Agreement or any performance under this Agreement, whether or not they or it had any knowledge, actual or constructive, that such damages might be incurred.

Indemnification. User shall indemnify and hold harmless Icon Group and its resellers, distributors and information providers against any claim, damages, loss, liability or expense arising out of User's use of the Report in any way contrary to this Agreement.

© Icon Group Ltd., 2000. All rights reserved. Any unauthorized use, duplication or disclosure is prohibited by law and will result in prosecution. Text, graphics, and HTML or other computer code are protected by US and International Copyright Laws, and may not be copied, reprinted, published, translated, hosted, or otherwise distributed by any means without explicit permission. Permission is granted to quote small portions of this report with proper attribution. Media quotations with source attributions are encouraged. Reporters requesting additional information or editorial comments should contact Icon Group via email at iconsubs@san.rr.com.

Sources: This report was prepared from a variety of sources including excerpts from documents and official reports or databases published by the World Bank, the U.S. Department of Commerce, the U.S. State Department, various national agencies, the International Monetary Fund, the Central Intelligence Agency, the United Nations, and Icon Group Ltd.

E N D