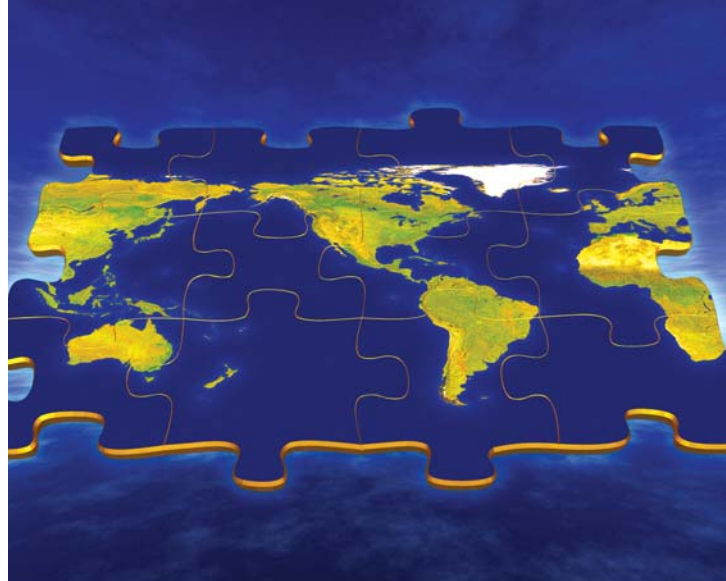


## **DxCG RiskSmart™ Global Edition** **Transforming Data into Action**

DxCG, Inc. is a worldwide provider of risk-adjustment software and predictive modeling solutions to the health care industry. DxCG understands that each country's health care delivery system is unique - yet all systems require standard methods for analyzing health status. For that reason, DxCG created RiskSmart™ Global Edition for risk adjustment and predictive modeling use outside of the United States.

RiskSmart Global maps ICD-10 (International Classification of Diseases Tenth Revision) directly into the well-published, broadly accepted Diagnostic Cost Group / Hierarchical Condition Category (DCG/HCC) classification and modeling system. The DCG/HCC model is the basis for the risk adjusted payment system used by the U.S. Medicare program. In addition, RiskSmart Global maps directly from the ATC (Anatomical Therapeutic Chemical) classification system from WHO (World Health Organization). Until now, international users had to map ICD-10 into the ICD-9-CM and then apply the U.S. models. With RiskSmart Global, the software directly accepts ICD-10.

The software can be used to generate predictions based on U.S. and international experience, or can be customized for specific purposes. In particular, we can work with users to accommodate country-specific coding schemes, as well as diverse health care delivery and payment systems.



### **RiskSmart Global will help you:**

- Explain illness burden at the individual and group-level.
- Improve your ability to project and budget costs.
- Analyze the prevalence and distribution of underlying medical conditions (or therapeutic categories) to improve care management.
- Characterize the whole patient, including all comorbid conditions, to improve health care program planning.
- Profile and evaluate utilization patterns.
- Determine costs associated with medical services and assess the level of risk for particular groups of individuals.

### **RiskSmart Global Edition Software Features:**

- Most accurate and up-to-date mapping of ICD-10 and ATC codes.
- WHO compatible.
- Easy to use - easy to run.
- Supported by DxCG's internationally-known team of researchers, clinicians and analytic experts.
- Built-in reporting for quick and easy group-level analysis.

## Technical Requirements

RiskSmart Global accepts “flat” text files as inputs and produces “flat” text file outputs. The output is easily read into existing databases, statistical programs (including SAS®), and data warehouses.

### Minimum Hardware/Software Requirements

- Computer/Processor 133 MHz or higher Pentium-compatible CPU.
- Memory at least 64 megabytes (MB) of RAM; more memory generally improves responsiveness.
- Hard Disk 2GB.

### Supported Platforms

- Windows 2000 (Professional, Server, Advanced Server, Datacenter Server)
- Windows XP
- Windows 2003
- Linux (RedHat 9.0, Fedora Core 1 and 2, SUSE 9.0)
- Solaris 9
- HP-UX 11
- AIX

### About DxCG Products and Services

DxCG, Inc., a unit of ISO, is a worldwide provider of risk-adjustment software and predictive modeling solutions to the health care industry. DxCG products are used in over 200 health care facilities and enterprises in the global marketplace. Our clinical classification systems are the trusted choice among government agencies and health ministries throughout the world, including the U.S. Centers for Medicare & Medicaid Services.

For more information about DxCG RiskSmart Global Edition and other products and services, please contact us directly at 1.800.431.9807 email us at [info@dxcg.com](mailto:info@dxcg.com) or visit our global Web site at [www.dxcg.de](http://www.dxcg.de).

DxCG, Inc.					
Rate per 10,000 Individuals by Condition Category (CC)					
By Group					
Hierarchies are Imposed					
Condition Category (CC)	Benchmark	Current Sample			
		Total	Group A	Group B	Group C
All People		10,000	10,000	10,000	10,000
No Claims		2,649	2,479	2,786	2,500
No Valid Diagnosis		196	13	31	165
<b>ACC001: Infectious and Parasitic</b>		1,102	1,273	1,384	1,048
01 HIV/AIDS		7	4	11	9
02 Septicemia/Shock		15	16	18	16
03 Central Nervous System Infection		14	17	18	19
04 Tuberculosis		16	14	32	18
05 Opportunistic Infections		5	3	4	8
06 Other Infectious Diseases		1,049	1,224	1,306	983
<b>ACC002: Malignant Neoplasm</b>		293	225	214	485
07 Metastatic Cancer and Acute Leukemia		23	14	15	37
08 Lung, Upper Digestive Tract, and Other Sev. Cancers		15	10	8	27
09 Lymphatic, Head and Neck, Brain, Other Maj. Cancers		40	27	35	64
10 Breast, Prostate, Colorectal, Other Cancers/Tumors		128	81	94	227
11 Other Respiratory and Heart Neoplasms		6	6	7	5
12 Other Digestive and Urinary Neoplasms		81	88	57	124
<b>ACC003: Benign/In Situ/Uncertain Neoplasm</b>		1,055	1,117	916	1,456
13 Other Neoplasms		321	365	298	414
14 Benign Neoplasms of Skin, Breast, Eye		616	656	531	835
<b>ACC004: Diabetes</b>		262	222	212	377
15 Diabetes with Renal Manifestation		6	6	1	11
16 Diabetes with Neurologic or Periph. Circ. Manifest.		18	9	9	37
17 Diabetes with Acute Complications		12	11	8	20
18 Diabetes with Ophthalmologic Manifestation		25	14	11	42
19 Diabetes with No or Unspecified Complications		201	183	183	268
20 Type I Diabetes Mellitus		67	51	48	105
<b>ACC005: Nutritional and Metabolic</b>		1,111	1,132	1,082	1,442
21 Protein-Calorie Malnutrition		4	3	4	7
22 Other Significant Endocrine and Metabolic Disorders		39	31	34	58
23 Disorders of Fluid/Electrolyte/Acid-Base Balance		53	61	67	54

Rate per 10,000 Individuals by Condition Category (CC)

DxCG, Inc.					
Summary of DxCG Predictions					
By Group					
	Benchmark	Current Sample			
		Total	Group A	Group B	Group C
Number of People		168,506	16,750	22,774	54,431
Percent of Sample		100.0	9.9	13.5	32.3
		<b>Relative Risk Scores</b>			
		<b>Normalized to Benchmark Sample</b>			
Age/Sex Model (Baseline)	1.01	0.91	0.89	1.21	
Concurrent (or Prospective)	1.12	1.05	1.07	1.41	
		<b>Relative Risk Scores</b>			
		<b>Normalized to Current Sample</b>			
Age/Sex Model	1.00	0.91	0.88	1.20	
Concurrent (or Prospective)	1.00	0.93	0.95	1.25	

Summary of DxCG Predictions



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