

International Agency for Research on Cancer



World Health
Organization



**Pan American
Health
Organization**

Regional Office of the
World Health Organization

Improving Cancer Information in Latin America and the Caribbean

Round Table: Partnerships and potential stakeholders in support of cancer registry activities

The Contribution of UICC

13–14 October 2009

Brasilia, Brazil

Roberto Zanetti, MD, PhD

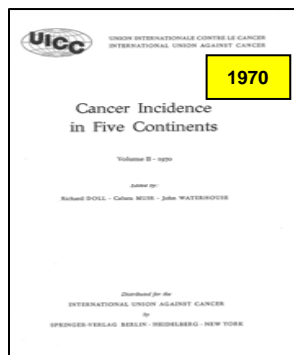
Director, Piedmont Cancer Registry, CPO, Turin, Italy

Member UICC Board of Directors, Geneva, Switzerland

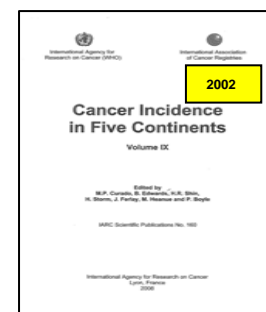
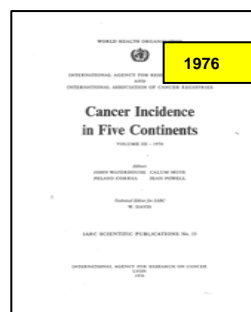


UICC and cancer registries, a long and wide cooperation ...

UICC has been the first publisher (Vols. 1-2) of “Cancer Incidence in Five Continents”, with data from the World Report of Cancer Registries

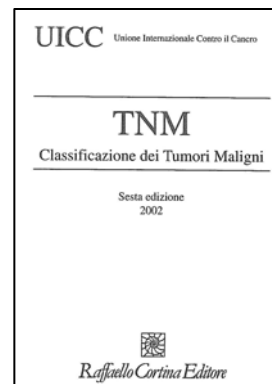
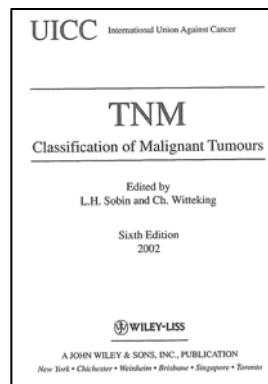


...



IARC

- TNM manual is used *every day* in *every* cancer registry



- Many UICC Member Institutions include/host/help a cancer registry

At least:

1/1 Finland

1/1 Denmark

2/4 Netherland

4/11 France

11/19 Italy

- A large number of personnel from cancer registries have been trained through UICC fellowship programs



- Sessions on data from cancer registries are regularly included in the WCC Scientific Programs (Washington 2006; Geneva 2008; Shenzen 2010 ...)

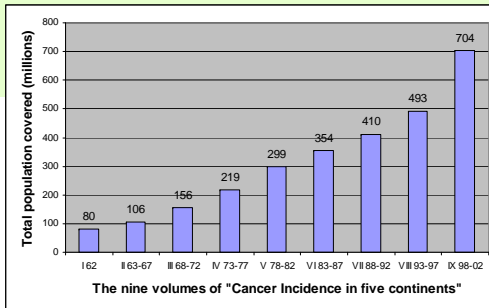


Registrars currently submit articles to the

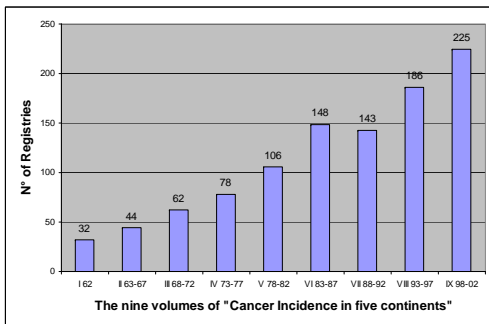
International Journal of Cancer

- Edited by H. Zur Hausen
- Published by UICC

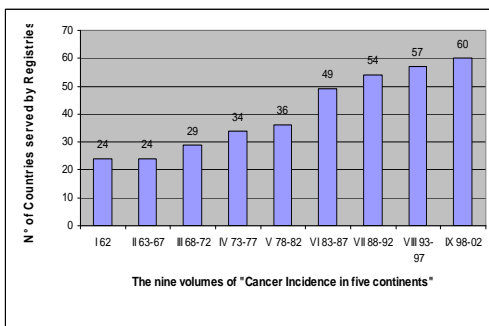
By Population



By Registries



By Countries



Coverage

Total population coverage has increased.

The number of registries has increased.

The number of countries covered remains more or less the same. There are more registries in affluent countries and a stable number in low-middle income countries, as a balance between new entries and disappearances

Registry coverage (and UICC presence)

Area	Number of Registries	Population served by registration (m)	Total population (m)	% served population	Number of Registries	UICC Member Institution
Africa	5	8.8	954	1.0	5	31
North	3	5.5	167	3.3	3	8
Subsaharan	2	3.3	787	0.4	2	23
America	64	281.5	911	31.0	64	80
Central and South America	11	23	464	5.0	11	40
North America	54	258.5	447	57.9	54	40
Europe	100	238.8	453	52.7	100	102
Asia	44	152.3	4252	3.6	44	109
Middle East	6	15.5	129	12.0	6	17
Asia, other	38	136.8	4123	3.3	38	92
Oceania	11	23	33	69.7	11	14
TOTAL	225	704.4	6603	10.9	225	336

UICC – Cancer Registry (CR) Partnership

Based on the **World Cancer Declaration**

- Measurement of the global cancer burden

- National Cancer Control Plans
 - Measure *
 - Plan *
 - Act
 - Evaluate *

* *CR data needed*

3 main fields

- Help increase registration coverage
 - where absent (priority)
 - where insufficient
 - always on local basis
- Support staff training
- Make data available
 - Provide data (see Dr. Bravo's presentation to the "My Child Matters" Project)

In strong cooperation with WHO, IARC, IACR

UICC International Cancer Fellowship

Two main types

- 1 Grant to a single person for a residency
 - The award is a partial contribution to the recipient to help cover travel costs and the stipend given to cover living costs.
- 2 Sending a small group of university faculty (2-3 professors/researchers) to a (usually low/middle-income) country for a short course aimed at a local/national/regional audience
 - Recipients must be international faculty members.
 - These workshops are only carried out in resource-constrained countries.

UICC International Cancer Fellowship

A total of **2191** fellowships were awarded from 1996 to 2009 (August),
out of which **96 (4.4 %)** were granted to cancer registry personnel.

Among the most frequent topics of the training/cooperation were:

- A cancer registry as an institution of data origination or destination
- Registrars
- Techniques
- Data analysis
- Screening and evaluation

Of the **96**, **88 (91.7 %)** were personal grants

8 (8.3 %) were short courses

UICC International Cancer Fellowships

Granted to cancer registry personnel, 1993–2009

Country of the Host Institution: **All countries**

Country of origin

	USA	Canada	Europe	Australia and New Zealand	South Africa	Southern Asia	TOTAL
Africa, North			2				2
Africa, Sub-Saharan	1		15	2	3	1	22
America, Central			6				6
America, South			9				9
Europe East			5				5
Middle East	2		4				6
Central Asia	3		5				8
Southern Asia	3		20	2		1	26
Far East			2				2
Australia			1	1			2
Spain	1	1	1				3
UK	4						4
USA						1	1
TOTAL	14	1	70	5	3	3	96

UICC International Cancer Fellowships

Granted to cancer registry personnel, 1993–2009

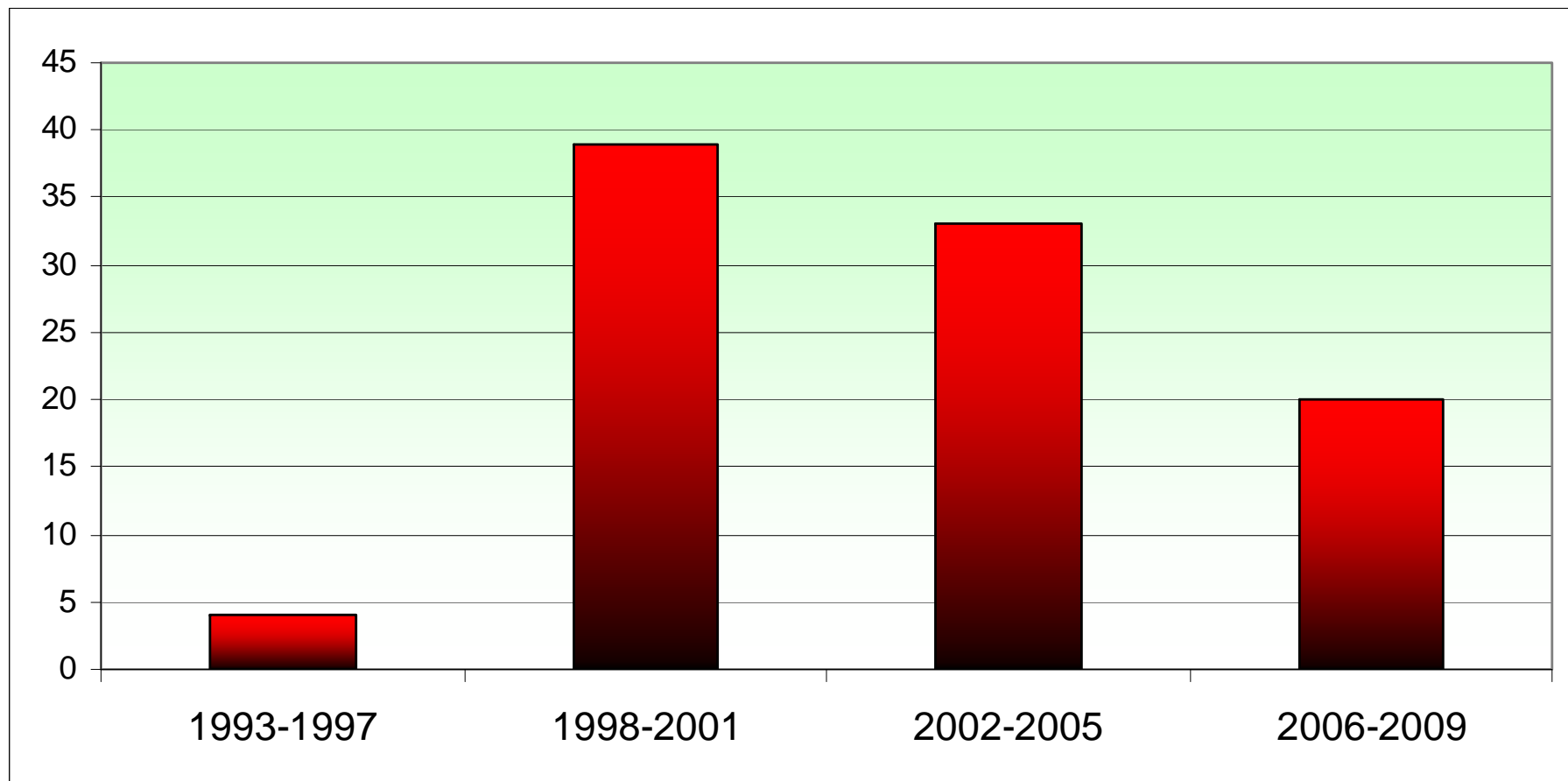
Country of the Host Institution: **European countries**

	IARC	Other F	UK	I	N	S	FIN	NL	D,U,A,E	TOTAL
Africa, North		2								2
Africa, Sub-Saharan	7		5			1	1		2	16
America, Centre	4	1			1					6
America, South	6			2					1	9
Europe East	1		1	1	1				1	5
Middle East	3				1					4
Central Asia			5							5
Southern Asia	17		1	1				1		20
Far East	2									2
Australia			1							1
Spain			1							1
TOTAL	40	3	14	4	3	1	1	1	4	71

Country of origin

UICC International Cancer Fellowships

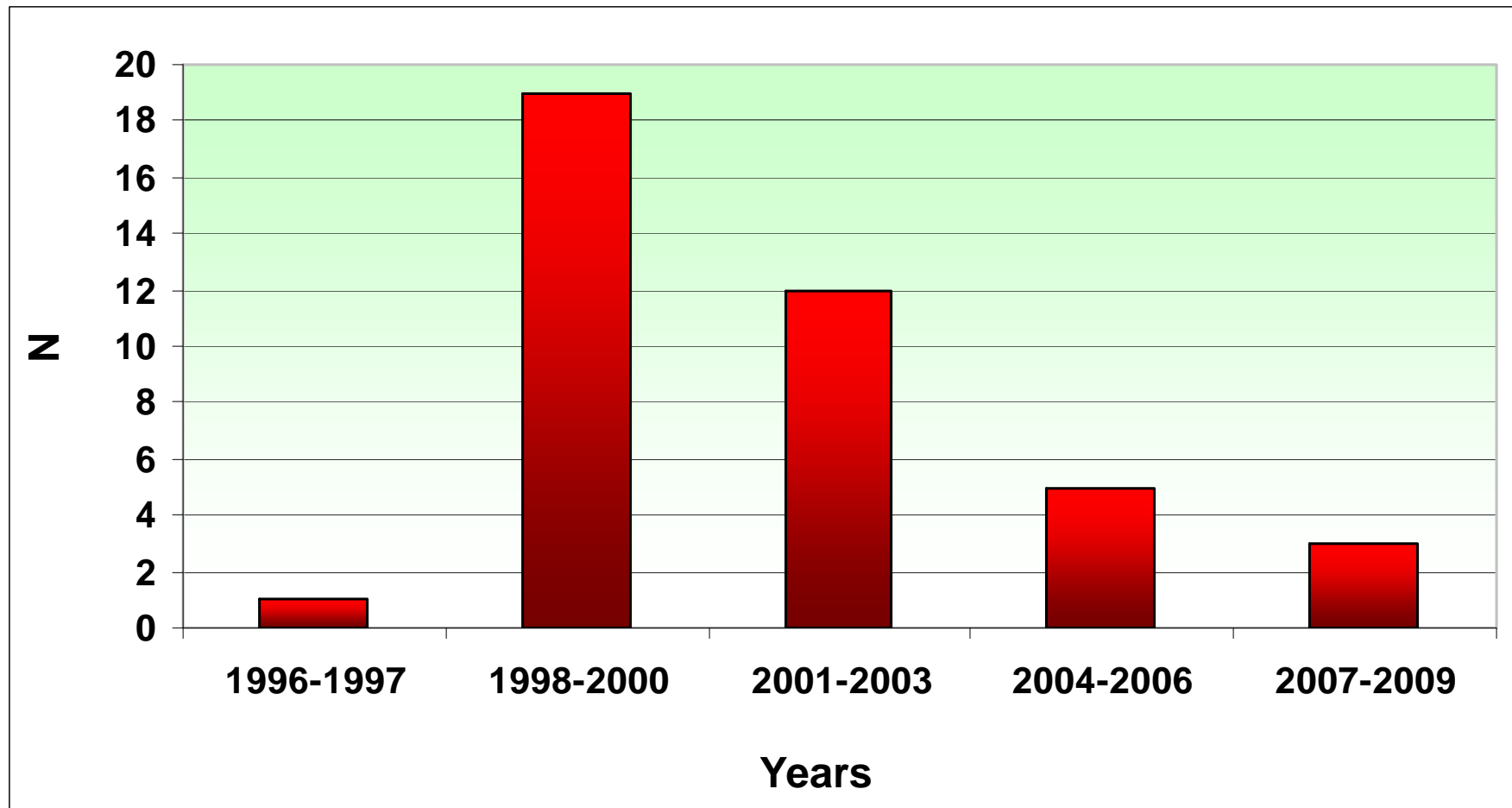
Granted to cancer registry personnel, 1993–2009, by period



UICC International Cancer Fellowships

Granted to cancer registry personnel, 1996–2009, by period

IARC



UICC International Cancer Fellowships

Duration of stay (days)

		<i>MIN</i>	<i>MAX</i>
RANGE		4	366
AVERAGE	40		

Amount of grant (US\$)

		<i>MIN</i>	<i>MAX</i>
RANGE		1,400	35,500
AVERAGE	3,508		

UICC International Cancer Fellowships

Granted to cancer registry personnel, 1993–2009

Country of origin of grant recipients, by level of income

	N	%
High Income	13	13.5
Upper middle income	18	18.8
Lower middle income	18	18.8
Low income	47	48.9
TOTAL	96	100

UICC International Cancer Fellowships

Granted to cancer registry personnel, 1993–2009

HIGH INCOME	N
Australia	1
Kuwait	1
Republic of Korea	1
Saudi Arabia	1
Singapore	1
Spain	3
United Kingdom	4
United States	1
Total	13

UPPER MIDDLE INCOME	N
Argentina	3
Belize	1
Malaysia	2
Mauritius	1
Oman	1
Poland	1
Romania	2
Slovakia	1
South Africa	3
Trinidad and Tobago	1
Uruguay	1
Venezuela	1
Total	18

Cont'd

UICC International Cancer Fellowships

Granted to cancer registry personnel, 1993–2009

LOWER MIDDLE INCOME	N
Cuba	1
Bolivia	2
Guatemala	1
Honduras	1
China	1
Peru	1
Philippines	1
Thailand	1
Bulgaria	1
Thailand	1
Algeria	1
Islamic Republic of Iran	1
Jamaica	1
Thailand	2
Cuba	1
Swaziland	1
Total	18

LOW INCOME	N
Bhutan	1
Burkina Faso	1
Gambia	1
Ghana	2
India	14
Kenya	3
Nepal	8
Niger	1
Nigeria	6
Pakistan	3
Papua New Guinea	1
Uganda	2
United Republic of Tanzania	2
Vietnam	1
Yemen	1
Total	47

In the future of UICC fellowships,

there may be a special series
dedicated to cancer registry personnel.

A proposal will be prepared and and further
considered.

Thank you for your attention.