

Reminder:

- Routine registration requires finding a balance between three types of constraint:
 - Completeness
 - Level of detail and accuracy
 - ▶ Timeliness
- Data output only are under control of the central coordination. Locally, registries must adapt their processes for data collection to the local reality

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Reminder:

- Quality of any combined dataset is at the level of the poorest component
- Quality control for a pooled dataset requires different objectives than for a single database in order to transform a miscellaneous patchwork into a coherent and representative sample

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Optimal data quality for a network...

- ▶ Seeking maximal comparability :
 - Unbiased information sources for diagnosis and death
 - Agreement to use the same international classification systems and a common set of population weights for age-standardising incidence and survival

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Optimal data quality for a network...

- Achieving optimal quality requires transparency from every member and routine publication of standard quality indices
- The goal is NOT excellence for a minority, but a high standard for the entire network

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Some classic quality indices (all sites)

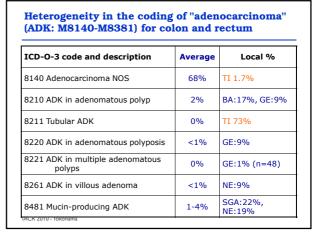
	M/I		M1/ 0/	D.CO. 0/	Stage X* %			
	М	F	MV %	DCO %	C18-20	C50		
BA	0.52	0.57	100	0.0	91	90		
GE	0.41	0.36	93	0.6	88	93		
GG	0.49	0.45	93	0.3	91	77		
NE	0.50	0.44	94	0.7	-	-		
SGA	0.46	0.44	96	0.2	75-90	75-92		
VD	0.42	0.42	96	1.4	-	-		
VS	0.47	0.41	93	0.9	85	88		
TI	0.47	0.44	93	1.9	89	89		
ZH	0.43	0.42	93	2.1	88	88		
All	0.46	0.44	95	1.1				

* Stage X : At least T and N are known, M including M? and Mx

Number of morphologies used by site

		GR	GL	NE	VS	TI	GE	GA	BA	VD	ZH
Nb of cases per year		1'03	9	947	1'421	1'736	2'664	2'613	2'825	3'646	5'339
Stomach	48	14	9	13	21	16	23	23	17	21	26
Colon	41	11	5	10	13	13	19	15	12	13	21
Rectum	30	8	4	10	11	12	13	14	8	16	18
Pancreas	37	10	5	6	9	11	15	17	12	14	17
Lung	62	17	13	18	19	26	36	28	21	19	36
Pleura	14	6	4	6	7	6	8	6	5	5	8
Breast F	57	15	9	17	25	19	31	30	20	15	28
Cervix uteri	28	8	5	7	5	7	10	15	5	9	16
Corpus uteri	33	11	6	8	12	9	13	17	9	14	15
Ovary	51	17	8	10	20	19	24	28	14	17	28
Prostate	25	7	5	3	6	3	6	8	8	8	12
Bladder	34	8	5	10	12	8	11	11	10	12	17
Kidney & others	33	7	4	6	10	11	17	14	10	14	18
Thyroid	34	5	2	5	14	9	14	14	8	14	14
NHLymphomas	38	11	7	15	20	24	21	19	20	17	22
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Number of morphologies used by site TI GE Nb of cases per year 1'039 947 1'421 1'736 2'664 2'613 2'825 3'646 5'339 Stomach 48 14 9 13 21 16 23 23 17 21 26 21 Colon 41 11 5 10 13 13 19 15 13 Rectum 30 8 4 10 11 12 13 16 14 Pancreas 10 14 17 Lung 62 17 13 18 19 19 Pleura 14 Breast F Cervix uteri 28 10 9 Corpus uteri Ovary 51 17 8 10 20 17 Prostate 25 3 8 Bladder Kidney & others 33 6 10 18 Thyroid 5 2 5 (14) 9 (14) (14) 8 (14) 14 NHLymphomas





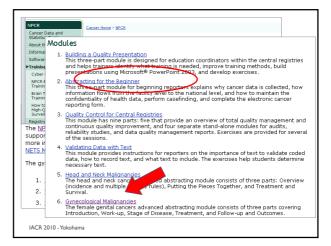
Data analysis requires...

- 1. Technical means
 - Best to adopt standard processes for data management, (hardware, software, data transfer, quality controls, output formats,...)
- 2. Competence
- Education and training



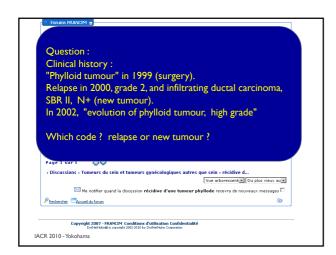


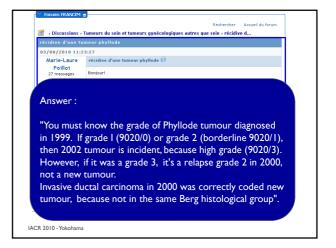


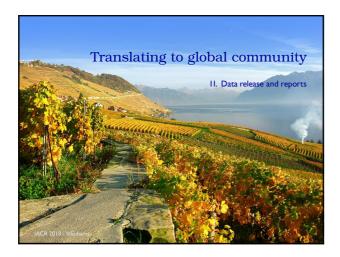












	comes and deliverables
Regist	ries are requested to provide
	Reports and figures on cancer burden (incidence, prevalence)
	Reports and figures on quality of care (survival)
	Reports and figures, interpreting trends , geographical comparisons
	Reports and figures showing projections for the future
	etc.
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Outcomes and deliverables

Registries are requested to provide

- Reports and figures on **cancer burden** (incidence, prevalence)
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- ✓ etc

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The "community": who, what...?

- Governemental bodies, public health managers
- National Office of Statistics
- League against cancer
- ▶ Cancer patient associations and families
- Media
- ...

<u>Cancer registries' activities and outcomes link</u> <u>epidemiologic research and public health co-actors</u>

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Information should match the needs

- Information on data collection and definitions must be available easily.
- \blacktriangleright Users are regularly informed about existing data



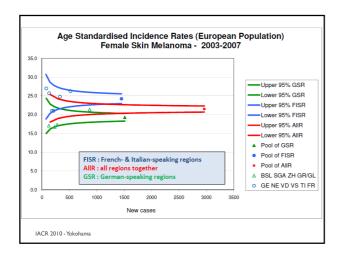
Do users know that your data exist?

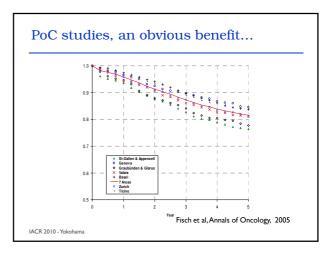
- ▶ Since 2008, the French cancer registry network (FRANCIM) has estimated incidence for the current year based on projections from previous years, available on its website every September. (Ref: Agence France Presse (AFP) on 14 october 2009) http://www.invs.sante.fr/applications/cancers/projections2010/default.htm
- ▶ 2 November 2009, when launching the second National Cancer Programme: "We must improve the quality of cancer data in our country. The USA just published incidence and mortality data for 2006, and we only have those for 2005"

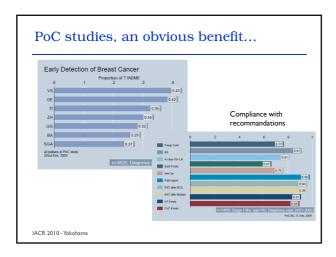
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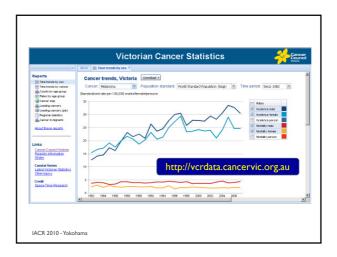
Information should match the expectations

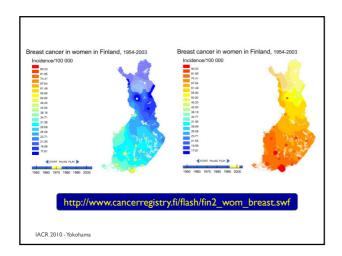
- ▶ Reporting scientific issues intelligibly for a lay audience is a major challenge
- Providing unbiased interpretation of the results when they are released helps to reduce inappropriate comments.











Conclusion

- ▶ Cancer registration and quality control
- Is a dynamic, continuous process
- ▶ Requires continuous monitoring to improve its efficiency
- ▶ Requires standardisation in data collection, management analysis and publication.
- Effective liaison between research and public health makes it possible to promote "profitable cancer registries" for the greater benefit of the community

