WORKSHOP SCREENING MAMMOGRAFICO

2 Dicembre 2015 Lo screening mammografico in Europa Antonio Ponti

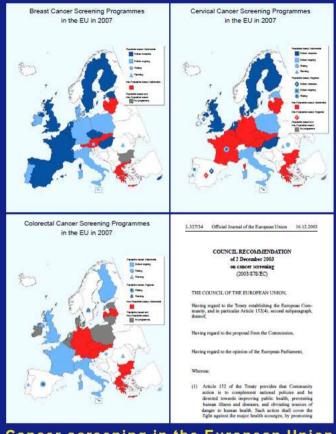
CPO-Piemonte



The European Screening Implementation report

(previsto dalla raccomandazione del Consiglio Europeo del 2003)

First report 2008



Cancer screening in the European Union

Report on the implementation of the Council Recommendation on cancer screening

First Report



European Commission

International Agency for Research on Cancer







Second report on the implementation of population cancer screening in the European Union

Ponti A¹, Tomatis M¹, Ronco G¹, Senore C¹, Villain P², Giordano L¹, Casella D¹, Anttila A³, Suonio E², Segnan N¹, vonKarsa L²

- ¹ CPO Piemonte, SCDO Epidemiologia dei tumori, A.O.U. Città della Salute e della Scienza di Torino, Torino, Italy
- ² Quality Assurance Group, International Agency for Research on Cancer, Lyon, France
- ³ Mass Screening Registry/Finnish Cancer Registry, Helsinki, Finland.

Background The Council of the European Union (EU) recommended in 2003 to set up population-based screening for breast, cervix and colorectal cancer in all Member States in compliance with the European Guidelines for Quality Assurance in cancer screening and diagnosis. A key element in the Council Recommendation is that the Member States report periodically to the EU Commission on the implementation of the Recommendation. Therefore, a *First report on the implementation of the Council Recommendation on cancer screening* has been published in 2008 (von Karsa et al).

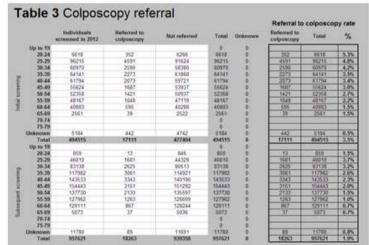
The European Commission now requested a Second report. The project is led by the International Agency for Research on Cancer (IARC) in collaboration with CPO-Piemonte and the Cancer Society of Finland.



Methods Structured questionnaires on organisation of breast, cervix and colorectal cancer screening programmes and on aggregated data collection, with related documentation, have been prepared based on experience from the First report and from other collaborative European projects and have been piloted. They will be sent to representatives and to screening experts from all Member States. Assistance will be provided by a telephone hot line, e-mail and videoconferences. Automated calculation of process indicators have been embedded in the data collection forms, so that respondents will immediately receive a feed back on their results, as well as from a web application. The call for data is underway.

Results The organisation of cancer screening programmes in the Member States will be described. Quantitative results will also be shown. Since coverage, compliance and cancer or cancer precursor detection rates are fundamental determinants of programme impact they will be given high priority. Results will include also indicators of potentially negative effects of screening like recall rates or invasive interventions on benign lesions.





Screenshot from the web-based data collection.

Screenshot from the Excel data collection of aggregated data.

Conclusions The survey methods that have been set up for the Second report on the implementation of cancer screening in Europe can be replicated periodically in order to allow consistent and continuous monitoring of screening performance indicators in Europe or elsewhere.

EU Cancer Screening Report

Download from here the Data Call.

Data collection for each screening is in two steps.

Breast Screening

1) Fill in all the 10 sections of this questionnaire:

Cervical Screening

1) Fill in all the 10 sections of this questionnaire:

Colorectal Screening

1) Fill in all the 10 sections of this questionnaire:

Breast screening questionnaire

...then click on the button FINALIZE at the bottom right corner of the page.

2) Download and fill in this Excel file:



SR Tables BREAST.xls

Instructions can be downloaded from here

Cervical screening questionnaire

...then **click on the button FINALIZE** at the bottom right corner of the page.

 Download and fill in this Excel file (target population):



SR Tables CERVIX 1.xls

...then download this Excel file:



SR Tables CERVIX 2.xls

Instructions for the two Excel files

0

Colorectal screening questionnaire

...then **click on the button FINALIZE** at the bottom right corner of the page.

Can you provide separately data for males and females?

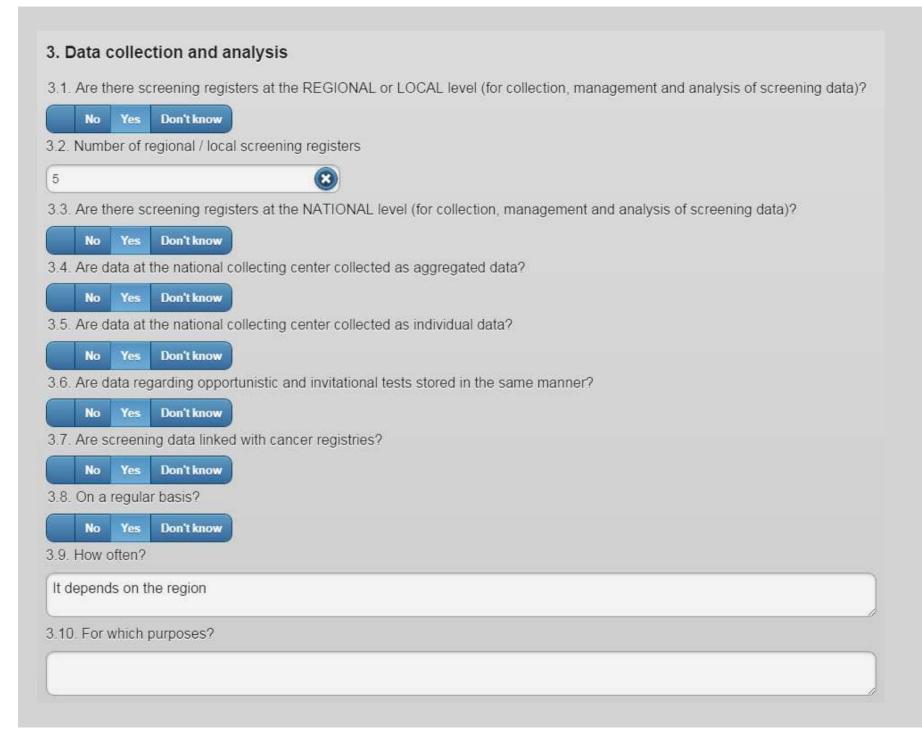


2) Download and fill in this Excel file (for both males and females):

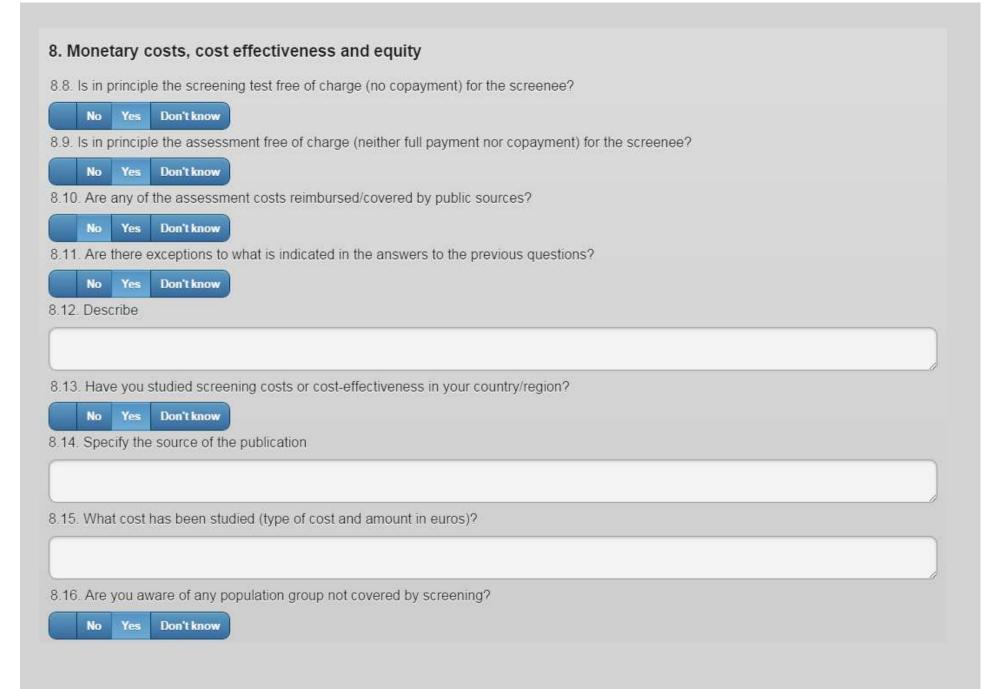


SR Tables COLON.xls

Instructions can be downloaded from here



4. G	ualit	ty coi	ntrol & reporting
4.1.	Is the	re any	system of quality control of data collection?
	No	Yes	Don't know
4.2.	Does	the sy	stem produce routine feedbacks on data inconsistencies?
	No	Yes	Don't know
4.3.	Are s	creeni	ng monitoring results produced?
	No	Yes	Don't know
4.4.	On a	regula	r basis?
	No	Yes	Don't know
4.5.	How o	often?	
anr	nually	e.g.	
4.6.	For w	hich p	urposes?
4.7.	Are re	eports	published?
	No	Yes	Don't know
4.8.	Pleas	e brief	ly describe and send a copy or the URL
		result o made	of collecting and analyzing screening programme data, have changes been made to the screening programme, and when
Yes	3		



8.18. Is participation rate periodically analysed according to socio-economic status, education or ethnicity?
No Yes Don't know
8.19. Describe
8.20. Have barriers to participation been studied and identified or has any kind if intervention to reduce inequalities been conducted?
No Yes Don't know
8.21. Describe and provide references as PDF copies
8.22. Notes

Table 1 Population

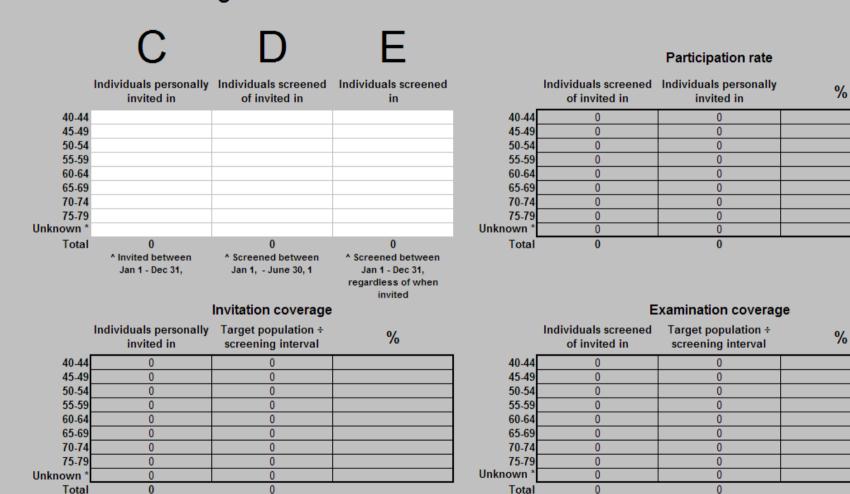
Country/Region
Index year

A B

	Target population	Screening interval in years	Annual target population
40-44		1	0
45-49		1	0
50-54		1	0
55-59		1	0
60-64		1	0
65-69		1	0
70-74		1	0
75-79		1	0
Unknown *		1	0
Total	0		0

^{*} Only enter applicable data here ('Unknown') that cannot be broken down by age group

Table 2 Screening tests



^{*} Only enter applicable data here ('Unknown') that cannot be broken down by age group

Table 3 Further assessment indication

		F	G	Н			Further a	assessme	nt rate
		Individuals screened of invited in	Positive	Negative	Total	Unknown	Positive	Total	%
	40-44				0	0			
	45-49				0	0			
g	50-54				0	0			
eni	55-59				0	0			
e c	60-64				0	0			
<u> </u>	65-69				0	0			
Initial screening	70-74				0	0			
=	75-79				0	0			
	Unknown *				0	0			
	Total	0	0	0	0	0			
	40-44				0	0			
ing	45-49				0	0			
en	50-54				0	0			
Ö	55-59				0	0			
ť	60-64				0	0			
ne	65-69				0	0			
Sed	70-74				0	0			
Subsequent screening	75-79				0	0			
ഗ	Unknown *		^	•	0	0			
	Total	0	0	0	0	0			
တွ်	40-44				0	0			
suk	45-49				0	0			
6	50-54				0	0			
<u></u>	55-59				0	0			
Ē	60-64				0	0			
<u>=</u>	65-69				0	0			
Unknown if initial or subs.	70-74				0	0			
ş	75-79 Unknown *				0	0 0			
2	Total	0	0	0	0	0			

Table 4 Further assessment participation

		- 1	J	K			F.A. par	ticipation	rate
		Positive	Further assessment performed	Further assessment not performed	Total	Unknown	F.A. performed	Total	%
	40-44	0			0	0			
	45-49	0			0	0			
g	50-54	0			0	0			
Ë	55-59	0			0	0			
ě	60-64	0			0	0			
Š	65-69	0			0	0			
Initial screening	70-74	0			0	0			
드	75-79	0			0	0			
	Unknown *	0			0	0			
	Total	0	0	0	0	0			
	40-44	0			0	0			
D.	45-49	0			0	0			
en.	50-54	0			0	0			
Subsequent screening	55-59	0			0	0			
Š	60-64	0			0	0			
e e	65-69	0			0	0			
ᡖ	70-74	0			0	0			
sqr	75-79	0			0	0			
છ	Unknown *	0			0	0			
	Total	0	0	0	0	0			
ró.	40-44	0			0	0			
ğ	45-49	0			0	0			
S	50-54	0			0	0			
-	55-59	0			0	0			
ŧ	60-64	0			0	0			
<u>=</u>	65-69	0			0	0			
Unknown if initial or subs	70-74	0			0	0			
OU.	75-79	0			0	0			
ž	Unknown *	0			0	0			
_	Total	0	0	0	0	0			

Table 5 Further assessment outcome

		L	M	Ν	0			Treatment re	ferral rate (x10	00)
		Individuals screened of invited in	Further assessment performed	Treatment/Surgery referral or inoperable ca	Negative	Total	Unknown	Treatment referral or inoperable ca	Individuals screened of invited in	Rate
	40-44		0			0	0			
	45-49		0			0	0			
В	50-54		0			0	0			
Initial screening	55-59		0			0	0			
e c	60-64		0			0	0			
<u>~</u>	65-69		0			0	0			
ij	70-74		0			0	0			
=	75-79		0			0	0			
	Unknown *	0	0			0	0			
	Total	0	0	0	0	0	0			
	40-44	0	0			0	0			
ng	45-49		0			0	0			
Subsequent screening	50-54		0			0	0			
cre	55-59	0	0			0	0			
e +	60-64	0	0			0	0			
ne n	65-69		0			0	0			
ed	70-74	0	0			0	0			
sqr	75-79	0	0			0	0			
ଊ	Unknown *	0	0			0	0			
	Total	0	0	0	0	0	0			
ιń	40-44	0	0			0	0			
ğ	45-49	0	0			0	0			
S	50-54	0	0			0	0			
-	55-59	0	0			0	0			
ŧ	60-64	0	0			0	0			
·=	65-69	0	0			0	0			
Unknown if initial or subs.	70-74	0	0			0	0			
ő	75-79	0	0			0	0			
ž	Unknown *	0	0			0	0			
_	Total	0	0	0	0	0	0			

Table 6 Outcome

		Р	O	R	S	Т	U		De	tection R	ate	PPV			
			•	• •		•	_		D6	techon K	ale	FFV			
		Individuals screened of invited in	Further assessment performed	Benign lesions or no lesion	CIS detected	Invasive breast cancers detected	Other histology	Total Unknown	Total (x1000)	CIS (x1000)	Invasive (x1000)	Total (of recall)	% CIS	Benign treatment rate	B / M ratio
	40-44	0	0					0 0							
	45-49		0					0 0							
DG .	50-54	0	0					0 0							
al screeni	55-59	0	0					0 0							
	60-64	0	0					0 0							
	65-69	0	0					0 0							
Initial	70-74	0	0					0 0							
드	75-79		0					0 0							
	Unknown *	0	0					0 0							
	Total	0	0	0	0	0	0	0 0							
	40-44		0					0 0							
.B	45-49		0					0 0							
e u	50-54		0					0 0							
5	55-59		0					0 0							
×=	60-64	0	0					0 0							
dne	65-69		0					0 0							
a)	70-74	0	0					0 0							
Subs	75-79		0					0 0							
Ō	Unknown *	0	0					0 0							
	Total	0	0	0	0	0	0	0 0							
υi	40-44		0					0 0							
sqns	45-49		0					0 0							
	50-54		0					0 0							
initial or	55-59		0					0 0							
Ē	60-64		0					0 0							
<u>=</u>	65-69		0					0 0							
Ž.	70-74		0					0 0							
on on	75-79		0					0 0							
ş	Unknown *	0	0					0 0							
	Total	0	0	0	0	0	0	0 0							

A precursor: the EUNICE project and monitoring system

Mammographic screening programmes in Europe: organization, coverage and participation

Livia Giordano, Lawrence von Karsa, Mariano Tomatis, Ondrej Majek, Chris de Wolf, Lesz Lancucki, Solveig Hofvind, Lennarth Nyström, Nereo Segnan, Antonio Ponti and The Eunice Working Group (Eunice Working Group members are listed at the end of the paper)

J Med Screen 2012; **19 Suppl 1**:72-82 DOI: 10.1258/jms.2012.012085

False-positive results in mammographic screening for breast cancer in Europe: a literature review and survey of service screening programmes

Solveig Hofvind, Antonio Ponti, Julietta Patnick, Nieves Ascunce, Sisse Njor, Mireille Broeders, Livia Giordano, Alfonso Frigerio and Sven Törnberg The EUNICE Project and Euroscreen Working Groups (Members of the EUNICE Project and Euroscreen Working Groups listed at end of paper)

J Med Screen 2012; **19 Suppl 1**:57-66 DOI: 10.1258/jms.2012.012083

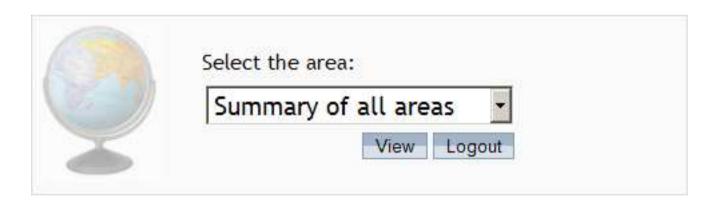
EUNICE BREAST SCREENING MONITORING

Insert login & password and click on "Login"

9	Login:	
Sist.	Password:	
L		Login

Selection of the area

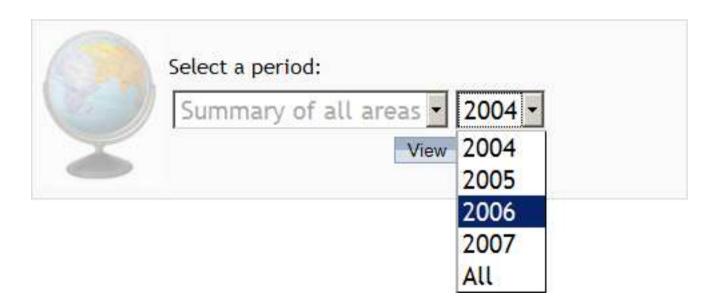
In order to see the total results of examined areas, select "Summary of all areas" and click on "View"



Selection of the period

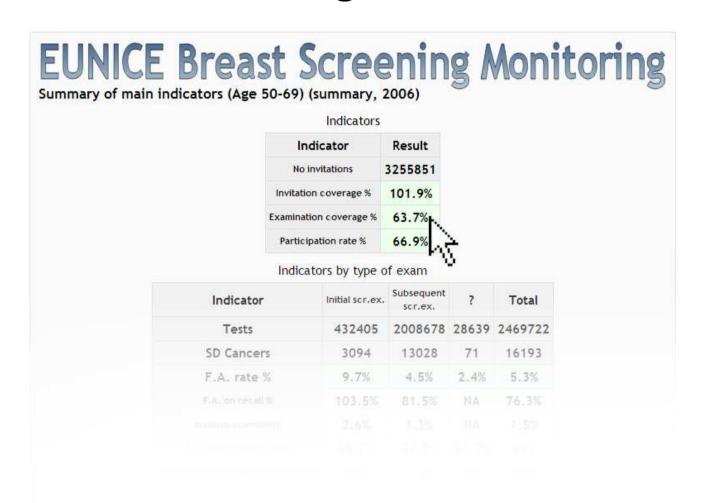
Select the period to be analized. In order to analize all available periods select "All".

Click on "View".



Analysis of data from all areas

Indicators have a green background: they can be clicked in order to get the stratified results



Analysis of data from all areas

In the list you can find areas, numerators & denominators of the indicator and its results.

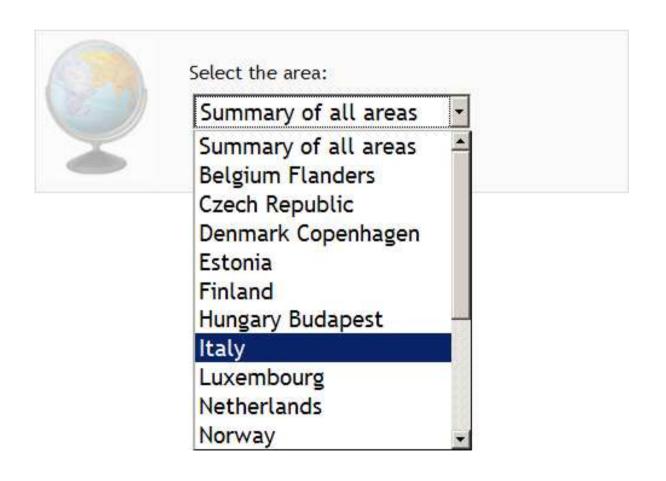
EUNICE Breast Screening Monitoring

Summary of main indicators (Age 50-69) (summary, 2006)

Area	N	D	Result	Bar
	254986	681647	37.4%	
	20773	89940	23.1%	
	163309	450912	36.2%	
	191155	260098	73.5%	
	85838	129648	66.2%	
	27934	30330	92.1%	
	164335	223949	73.4%	
	1561392	2010011	77.7%	

Selection of the area to be analized

In order to see the data of a single area, select it and click on "View".



Analysis of selected areas

22 forms are available, and they can be accessed through the combo box at the bottom or browsable with the two icons (Previous/Next).

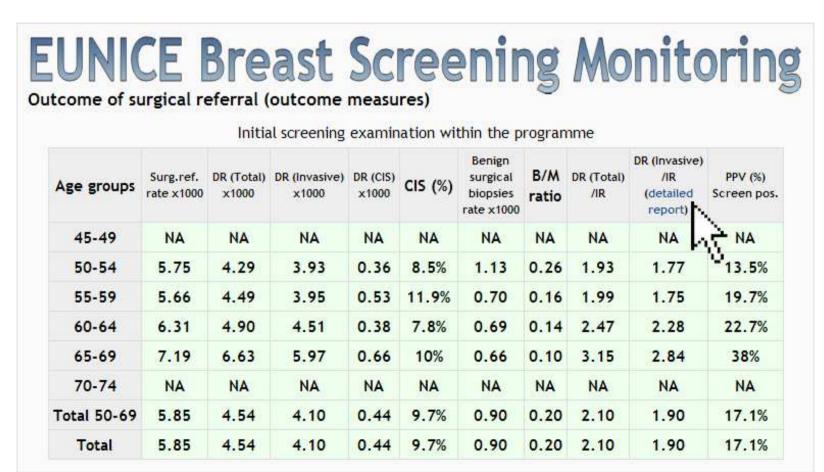
Section

title

EUNICE Breast Screening Monitoring Annual coverage and participation Women invited Women screened Women screened Invitation Examination Participation Age groups population in index year (of invited) in index year coverage (%) rate (%) coverage (%) 45-49 2015641 33615 18300 22438 3.3% 2.2% 54.4% Green 50-54 1887488 448478 242829 240343 47.5% 25.5% 54.1% background 55-59 1917781 495171 292404 291248 51.6% 30.4% 59.1% 60-64 1707702 414711 247993 249903 48.6% 29.3% 59.8% 65-69 1727599 422122 237408 225054 48.9% 26.1% 56.2% clickable 70-74 21866 21955 1594401 38656 4.8% 2.8% 56.6% indicators 50-69 NOS 0 62637 23704 21416 Total 50-69 1843119 1044338 1027964 50.9% 28.4% 7240570 56.7% 10850612 1915390 1084504 1072357 35.3% 19.8% 56.6% Total Screening interval in months (according to screening protocols) Months 24 Notes 7 Welcome All. Select the form from this list: you are logged in Annual coverage and participation Next form as a coordinator. Change area

Analysis of selected areas

In the "Outcome of surgical referral" form you'll find a link to a more detailed report on data (click on "detailed report" to open it)



Analysis of selected areas

1.13

0.70

0.69

0.66

NA

0.90

0.90

Incidence* and DR (Age 50-69) Initial screening examination

* Download from here the list of data sources for incidence.

50-54

55-59

60-64

65-69

70-74

Total 50-69

Total

5.75

5.66

6.31

7.19

NA

5.85

5.85

4.29

4.49

4.90

6.63

NA

4.54

4.54

Area	Incidence (invasive) ×1000	DR (invasive) ×1000	DR/IR	No cases (invasive)
	1.1	2.96	2.7	60
	1.43	2.96	2.06	49
	1.44	2.08	1.44	45
	1.44	3.95	2.73	840
	1.58	5.08	3.22	193

3.93

3.95

4.51

5.97

NA

4.10

4.10

0.36

0.38

0.66

NA

0.44

0.44

8.5%

7.8%

10%

NA

9.7%

9.7%

0.53 11.9%

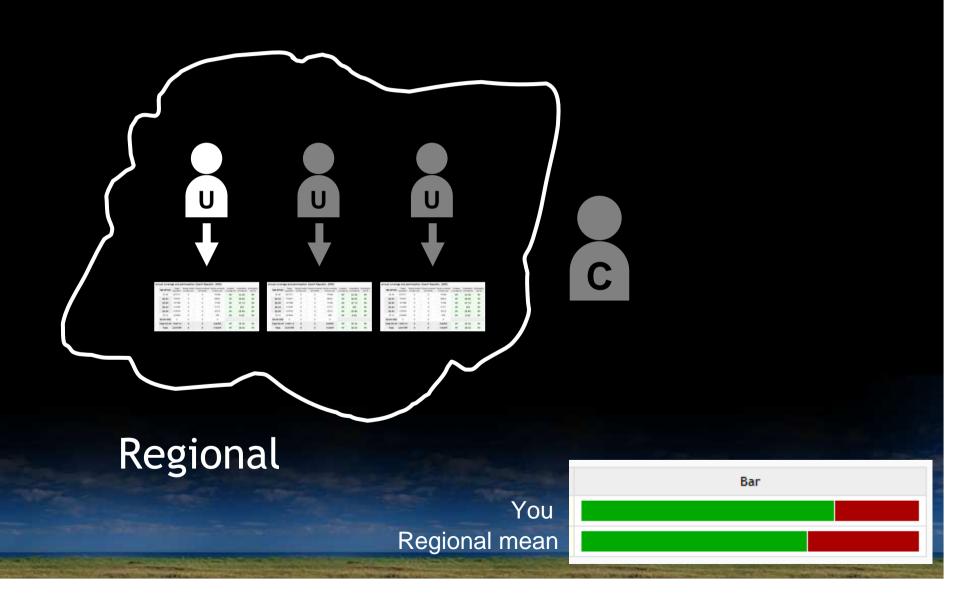
,,,	040	718	LL A (/0)
.22	193	etailed	Screen pos.
	1112	NA .	₩A
0.26	1.93	1.77	13.5%
0.16	1.99	1.75	19.7%
0.14	2.47	2.28	22.7%
0.10	3.15	2.84	38%
NA	NA	NA	NA
0.20	2.10	1.90	17.1%
0.20	2.10	1.90	17.1%

nvasive)

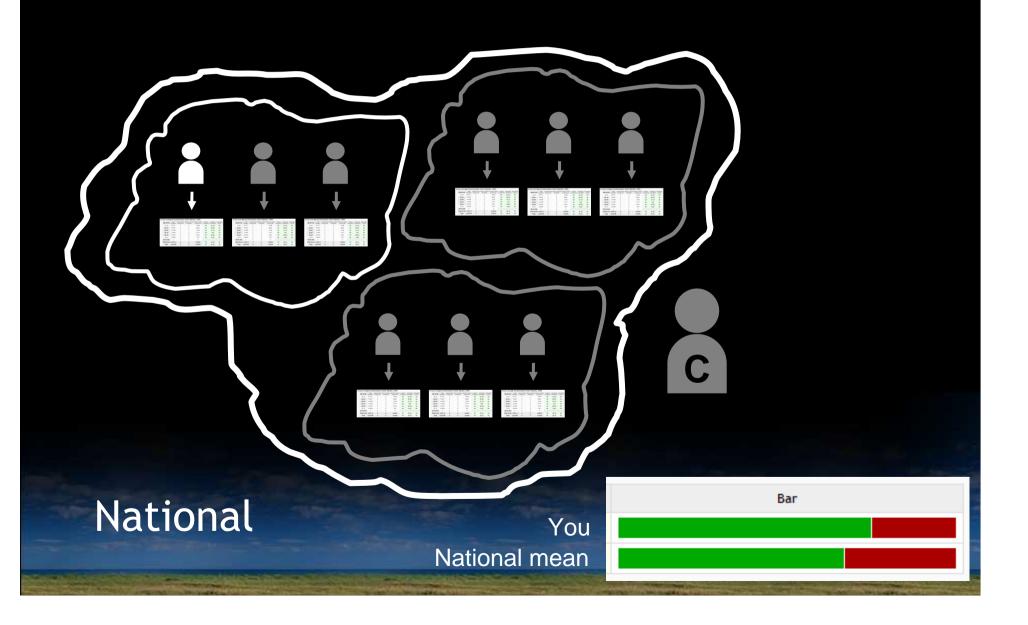
itoring

PPV (%)

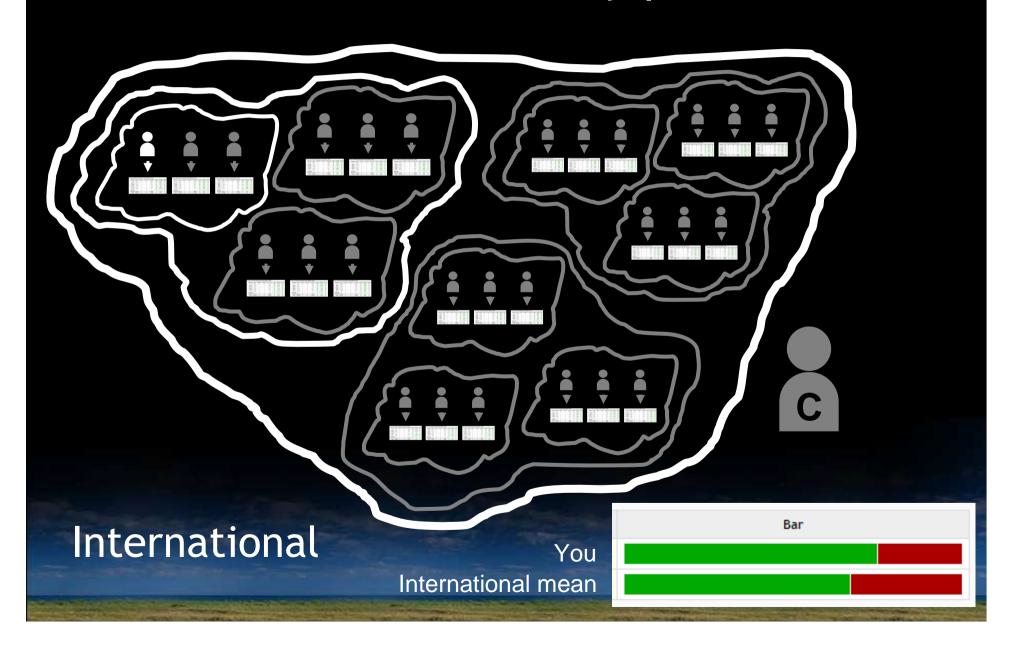
One data collection, many points of view



One data collection, many points of view



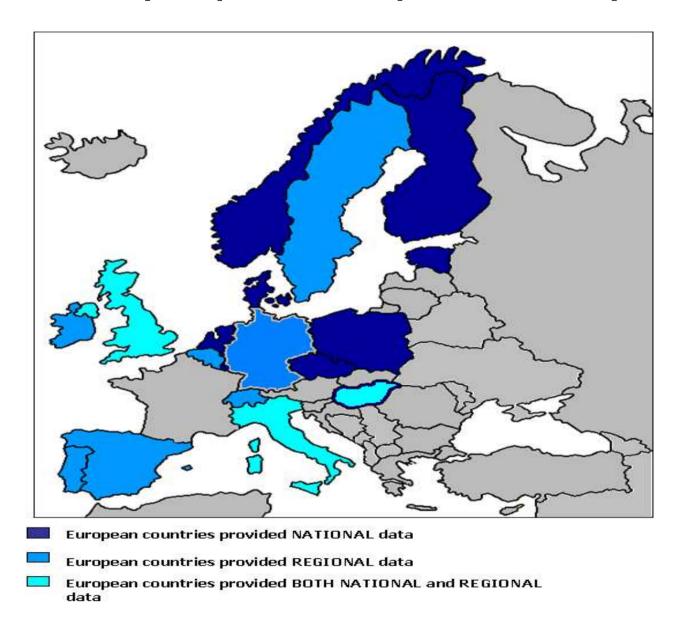
One data collection, many points of view



In attesa dei dati del secondo Screening Report ...

...Qualche risultato da Eunice

Pilot study: respondent European Countries (n=18)



Reported screening tests 50-69

Area	Period	Initial	Subsequent	Unknown	Total		
Belgium Flanders	2005	47104	87252	0	134356		
Czech Republic	2005-2006	256425	234900	0	491325		
Denmark Copenhagen	2005	3681	13216	0	16897		
Estonia (50-59)	2005-2006	20555	0	17112	37667		
Finland	2005	0	211183	0	211183		
Germany	2001-2004	0	0	80388	80388		
Hungary (50-65)	2005-2006	0	347601	0	347601		
Italy	2005	170427	576207	22177	768811		
Luxembourg	2004-2005	5094	22923	0	28017		
Netherlands	2005	62025	668238	0	730263		
Norway	2005-2006	76058	283184	11536	370778		
Poland	2007	403596	531820	0	935416		
Portugal centre	2005	13841	44606	0	58447		
Portugal north	2005	12299	12709	0	25008		
Republic of Ireland (East) (50-64)	2005	18744	41098	0	59842		
Spain Galicia (50-66)	2005-2006	28774	142902	0	171676		
Spain Navarra	2005-2006	734	54139	0	54873		
Spain Pais Vasco (50-64)	2005	0	0	74636	74636		
Spain Valencia	2005-2006	15826	304442	0	320268		
Sweden Sodermanland	2005	0	0	12192	12192		
Sweden Stockholm	2005	8102	63870	0	71972		
Sweden Vastmanland	2005	0	0	12138	12138		
Switzerland Fribourg	2005	5790	0	1096	6886		
UK England	2005-2006	531870	2582335	285832	3400037		
All Areas		1680945	6222625	517107	8420677		

Breast cancer screening programmes features:

INVITATION PROCESS

Programme	startina

	Frogramme startii	19	
Country, area	year	Target age	Exclusion critera
Belgium Flanders	2001	50-69	
Czech Republic	2002	45-69	symptomatic women
Denmark Copenhagen	1992	50-69	
Estonia	2002	50-59	previous breast cancer, uninsured women
Finland	1989	50-69	
Germany	2001	50-70	previous breast cancer
Hungary	2002	45-65	
Italy	1990	50-69	recent mammogram, follow-up women
Luxembourg	1992	50-69	-
Netherlands	1988	50-75	known with screen-detected or interval cancers
Norway	1996	50-69	
Poland	2007	50-59	symptomatic women, previous breast cancer, recent mammogram, previous mastectomy
Portugal centre	1990	45-69	symptomatic women, previous breast cancer, previous mastectomy, recent mammogram, physical incapacitated
Portugal north	1990	45-69	previous breast cancer, pregnant women, breast implants, recent mammogram
Republic of Ireland (East)	1989	50-64	previous bilateral mastectomy, symptomatic women, physical incapacitated, over 65, terminal illness
Spain Galicia	1992	50-66	previous breast cancer, recent mammogram, physical incapacitated
Spain Navarra	1990	45-69	
Spain Pais Vasco	1990	50-64	previous breast cancer
Spain Valencia	1992	45-69	previous breast cancer
Sweden Sodermanland	1990	40-74	
Sweden Stockholm	1989	40-69	
Sweden Vastmanland	1989	40-69	
Switzerland Fribourg	2004	50-70	previous breast cancer, breast implants, high risk groups, recent mammogram
UK Findend Breast cancer	screening n	50-70	

Breast cancer screening programmes features:

Mammography views at

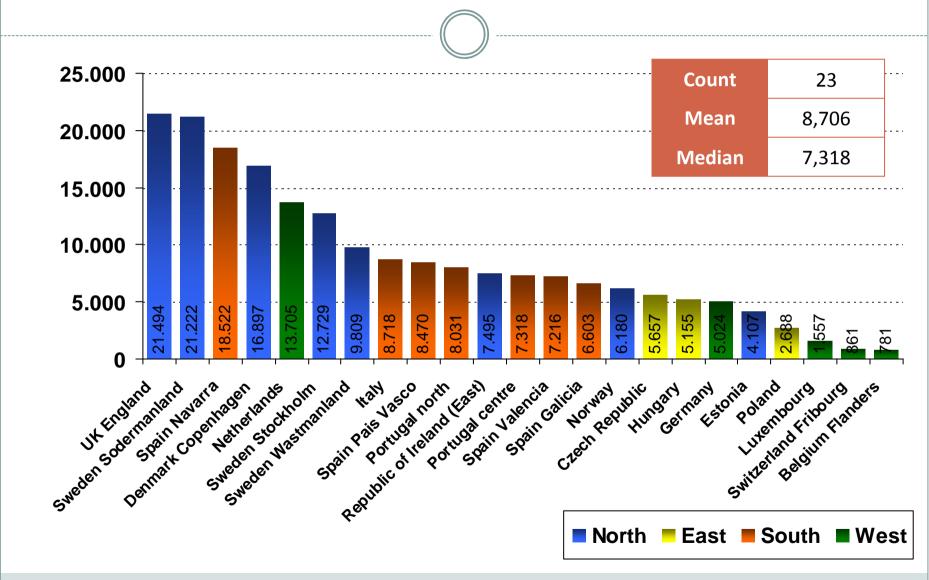
DIAGNOSTIC PROCESS

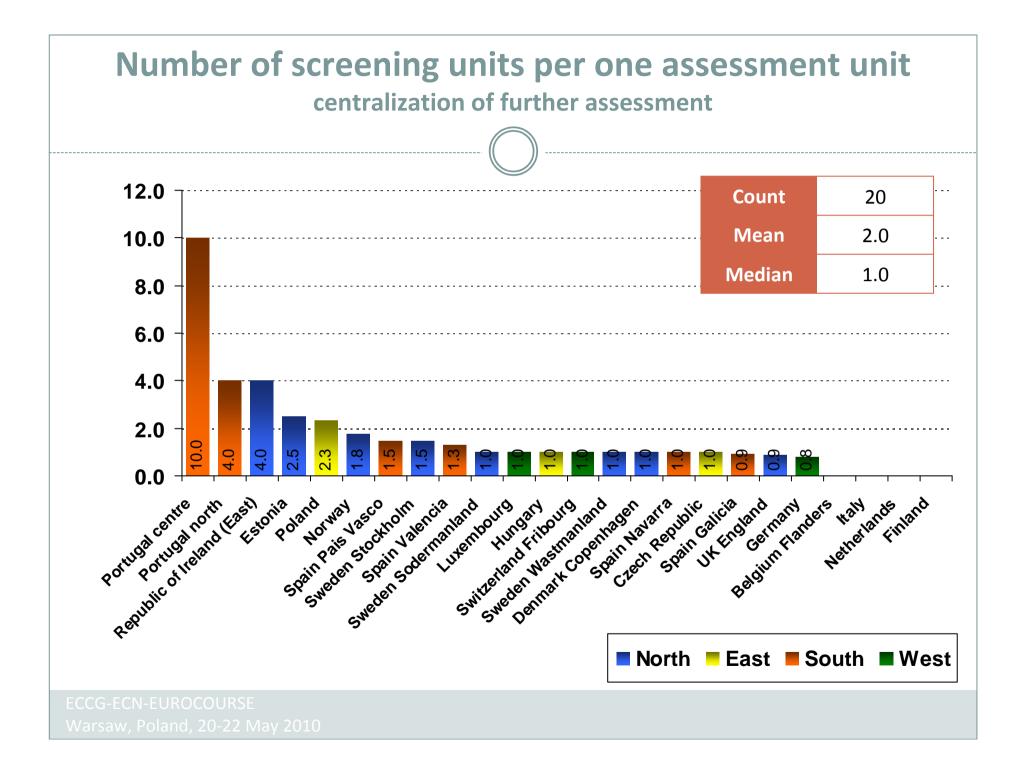
Furtner
assessment on

Country, area	screening	Any additional test	Double reading	recall	Intermediate mammograms
		no (except US in			
		case of breast			
Belgium Flanders	2	implants)	yes	yes	occasionally after SC only
Czech Republic	2	no	no	no	occasionally after SC and after FA
	2 at first screening;				
Denmark Copenhagen	1 at subsequent screening	no	yes	yes	no
Estonia	2	no	yes	yes	occasionally after FA only
Finland		no	yes	yes	
Germany	2	no	yes	yes	occasionally after FA only
		physical examination			
Hungary	2	(100%)	yes	yes	occasionally after SC and after FA
	2 at first screening;				
Italy	1 at subsequent screening	no	yes	yes	occasionally after SC and after FA
Luxembourg	2	no	yes	yes	occasionally after SC only
	2 at first screening;				
Netherlands	1 at subsequent screening	no	yes	yes	
Norway	2	no	yes	yes	
Poland	2	no	no	yes	occasionally after SC and after FA
Portugal centre	2	no	yes	yes	occasionally after FA only
Portugal north	2	no	yes	yes	occasionally after FA only
Republic of Ireland (East)	2	no	yes	yes	occasionally after FA only
Spain Galicia	2	no	yes	yes	occasionally after SC and after FA
				yes (in 98% of	
Spain Navarra	2	no	no	cases)	occasionally after SC and after FA
Chain Dais Vassa				1/00	consists the offer CC and offer EA
Spain Pais Vasco	2	no	no	yes	occasionally after SC and after FA
Spain Valencia	2 at first screening;		.vee	yes	econologically ofter SC and ofter EA
Spain valencia	1 at subsequent screening*	no	yes	yes	occasionally after SC and after FA
Sweden Sodermanland	2 at first screening;		no		
Sweden Sodennamand	1 at subsequent screening	no	no		
Sweden Stockholm	2 at first screening;	ne	VOC	VOS	
Sweden Stockhollin	1 at subsequent screening	no	yes	yes	
Sweden Vastmanland	2 at first screening; 1 at subsequent screening	ne	VOC	yes	
Sweden vasillallallu	·	no	yes	yes	
Switzerland Fribourg	2 at first screening;	ne	Voc	VOS	occasionally after FA only
HICH MISH DICOST	1 at subsequent screening	no	yes	yes yes	occasionally after FA only
ore Eligianu - : 5 6.6 .	2	no	yes	yes	occasionally after FA only

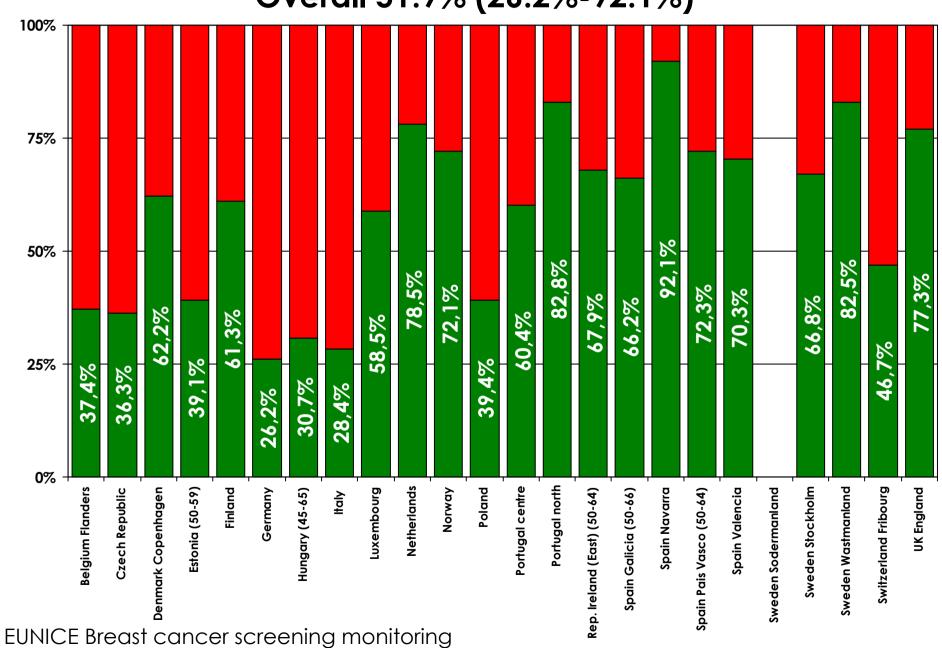
Average number of tests per unit

centralization of screening

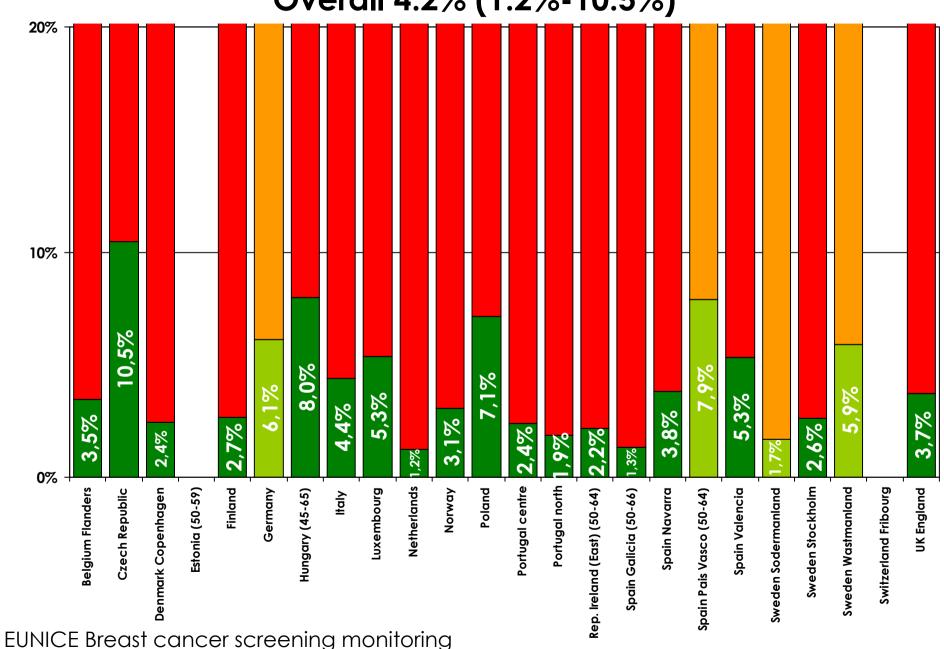




Examination coverage age 50-69 Overall 51.9% (26.2%-92.1%)



Further Assessment Rate 50-69 Subsequent tests Overall 4.2% (1.2%-10.5%)



DR (invasive) rate (Overall 4.94 per 1000, 1.6-9.2)
Subsequent test 10 9 8 7,45 7 5,61 6 5 4,24 4 3,10 3 2 0 **50-54 55-59** EUNICE Breast cancer screening monitoring 60-64 65-69

Benign surgical biopsies rate (Overall 0.76 per 1000, 0.3-1.4) Subsequent test

10 9 8 7 6 5 4 3 2 0,86 0,68 0.71 0,67 0 50-54 55-59 EUNICE Breast cancer screening monitoring 60-64 65-69

Subsequent screening tests

Indicator	Regular	Irregular
F.A. rate %	3.1%	5%
DR Total x1000	6.27	12.03
DR Invasive x1000	5.05	9.76
DR CIS x1000	1.22	2.27
CIS %	19.4%	18.8%
Benign surgical biopsies rate x1000	0.63	1.05
B/M ratio	0.09	0.08
Stage II+ rate x1000	1.19	2.06

Individual data record

		Field	Format	Length	Available values	Unknown
01	A01	Personal ID				
02	A02	Date of birth	DATE	10	DD/MM/YYYY	01/01/0001
03	A03	Regional ID				
04	A04	Screening program ID				
05	A05	Number of episode for this patient	INTEGER	2	1N	
06	A06	Date first invitation in this episode	DATE	10	DD/MM/YYYY	01/01/0001
07	A07	Date of examination	DATE	10	DD/MM/YYYY	01/01/0001
80	A08	Self referral	INTEGER	2	0/1	-1
09	A09	Screening centre code	TEXT			
10	A10	Type of unit	INTEGER	2	1/2	-1
11	A11	Rank	INTEGER	2	1N	
12	A12	1st level mammogram result	INTEGER	2	0/1/2/3/4	-1
13	A13	Result of the episode	INTEGER	2	1/2/3/4/5/6	-1
14	A14	Date of first breast intervention	DATE	10	DD/MM/YYYY	01/01/0001
15	A15	Histological diagnosis	INTEGER	2	1/2/3/4/5	-1
16	A16	рТ	INTEGER	2	0/1/2/3/4/5/6/7/8/9/10/12/13/14	-1
17	A17	Pathological size (mm)	INTEGER	3	0-999 mm.	-1
18	A18	Lymphnodal status	INTEGER	2	0/1	-1
19	A19	TNM stage	INTEGER	2	1/2/3/4/5/6/7	-1
20	A20	Grade	INTEGER	2	0/1/2/3	-1
21	A21	Type of final intervention	INTEGER	2	0/1/2	-1
22	A22	Episode classification	INTEGER	2	1/2/3	-1
23	A23	Number of assessment for this episode	INTEGER	2	1N	
24	A24	Assessment centre code	TEXT			
25	A25	Assessment date	DATE	10	DD/MM/YYYY	01/01/0001
26	A26	FNA result	INTEGER	2	0/1/2/3/4/5	-1
27	A27	Core Biopsy result	INTEGER	2	0/1/2/3/4/5	-1
28	A28	Result of the assessment	INTEGER	2	1/2/3	-1
29	A29	Date of final report	DATE	10	DD/MM/YYYY	01/01/0001

Data about invitation
Data about 1st level
Data about 2nd level
Data about surgery

EUNICE Breast cancer screening monitoring

Conclusioni

Il monitoraggio Europe-wide di indicatori di processo dello screening per mezzo di una raccolta dati standardizzata è fattibile e la qualità dei dati è ragionevolmente buona.

Con organizzazione e risorse adeguate questa attività potrebbe diventare stabile e assumere un ruolo di sostegno e di salvaguardia della qualità dello screening in Europa attraverso un utilizzo distribuito e l'emissione di report periodici.