



Riunione Annuale Screening Mammografico

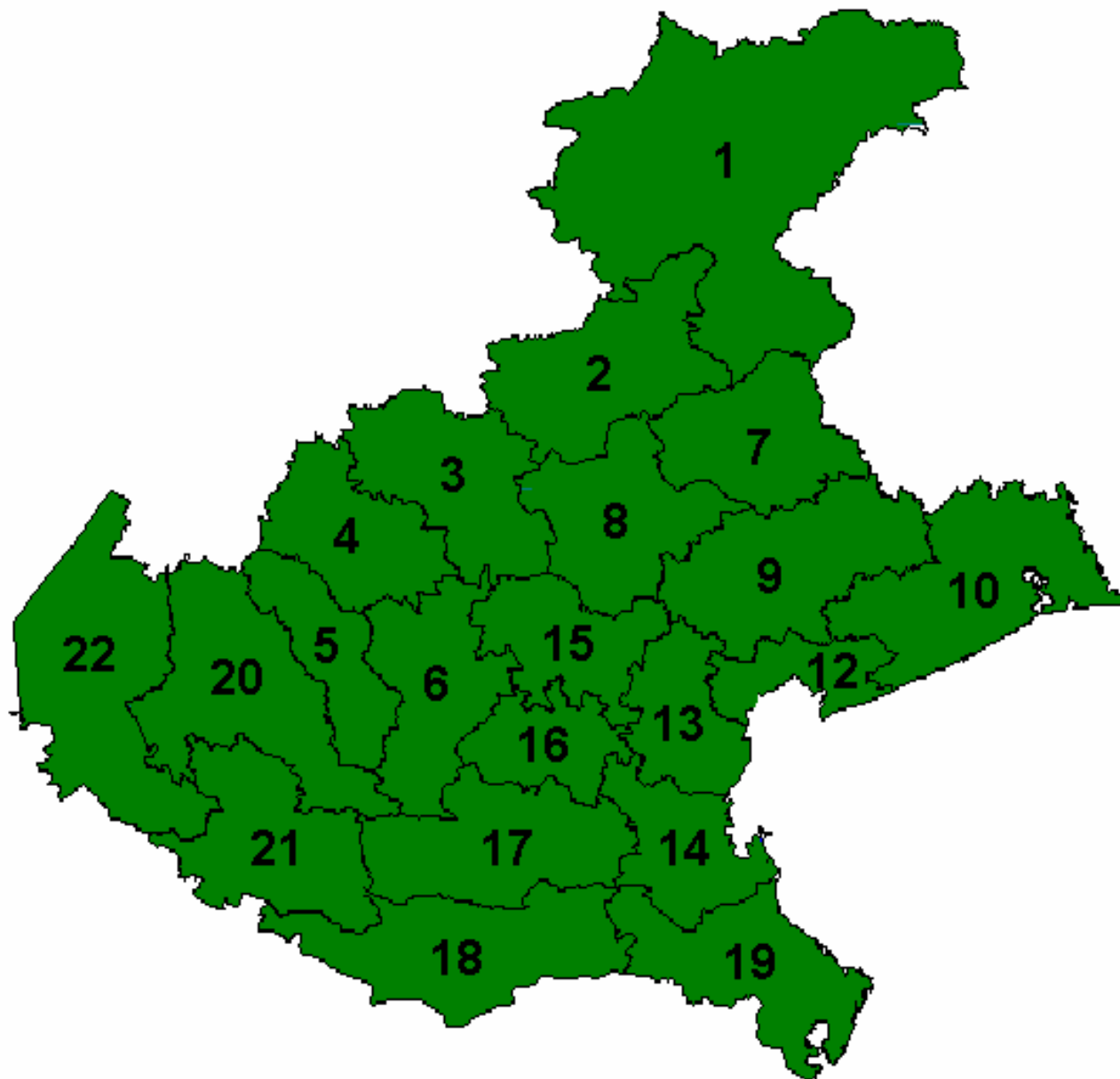
Padova, 7 dicembre 2010

Risultati 2009

Chiara Fedato

IOV- IRCCS - Registro Tumori del Veneto

VENETO: ANNO 2009



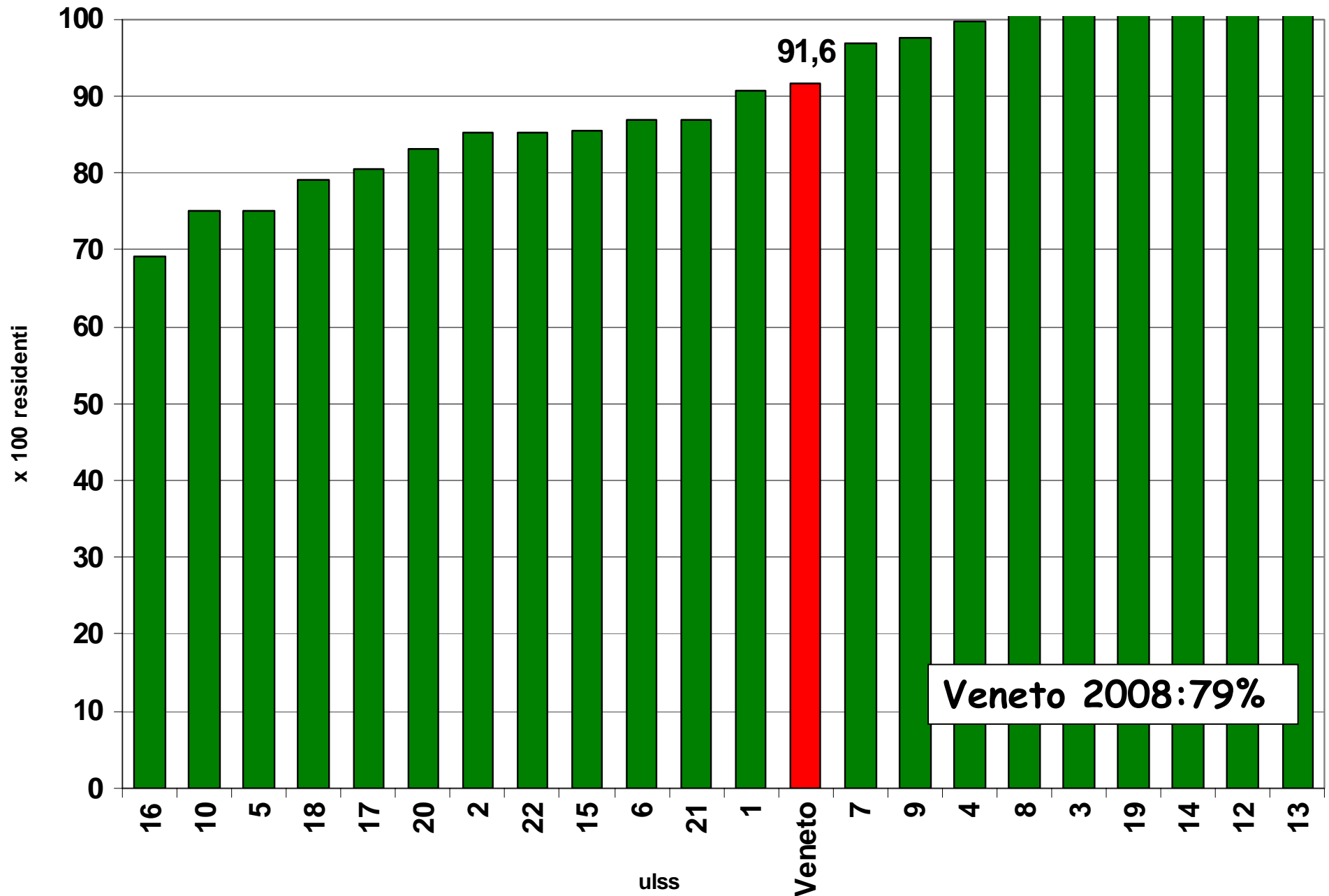
Popolazione
residente 50-69:
608.977

**ESTENSIONE
PROGRAMMI**

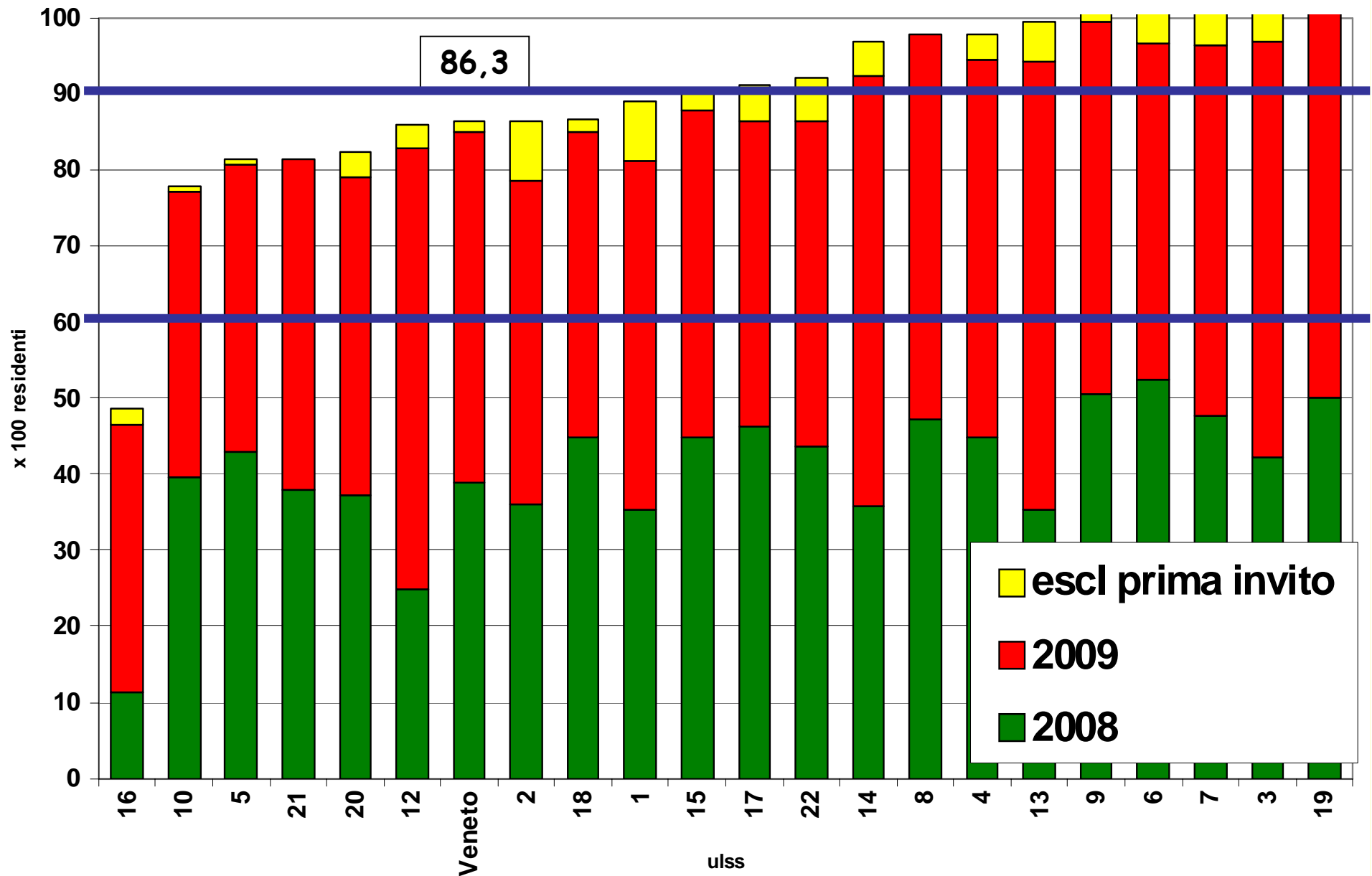
**VENETO 2009:
100%**

**ITALIA 2008:
87,3%**

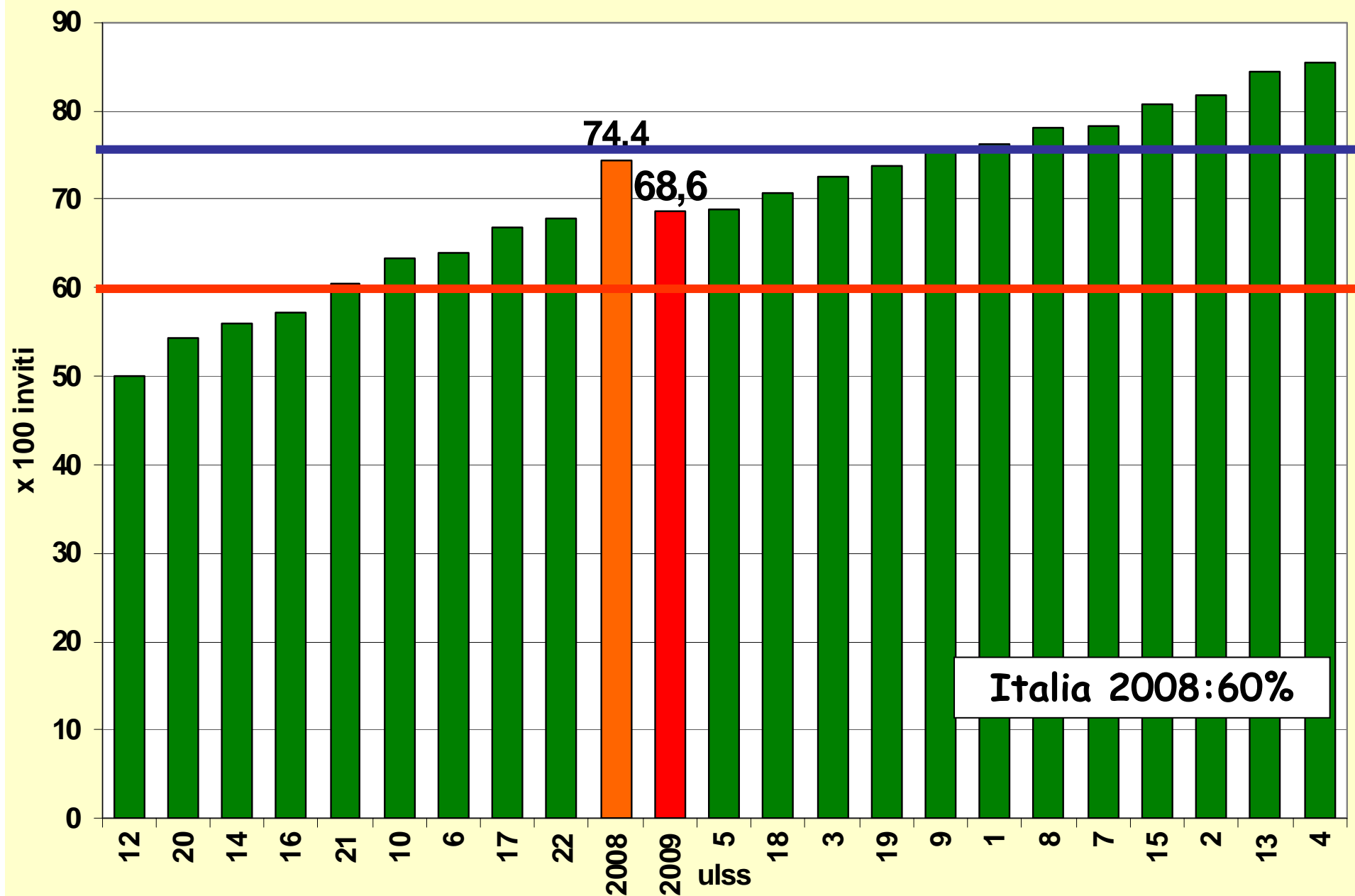
Estensione Annua degli Inviti



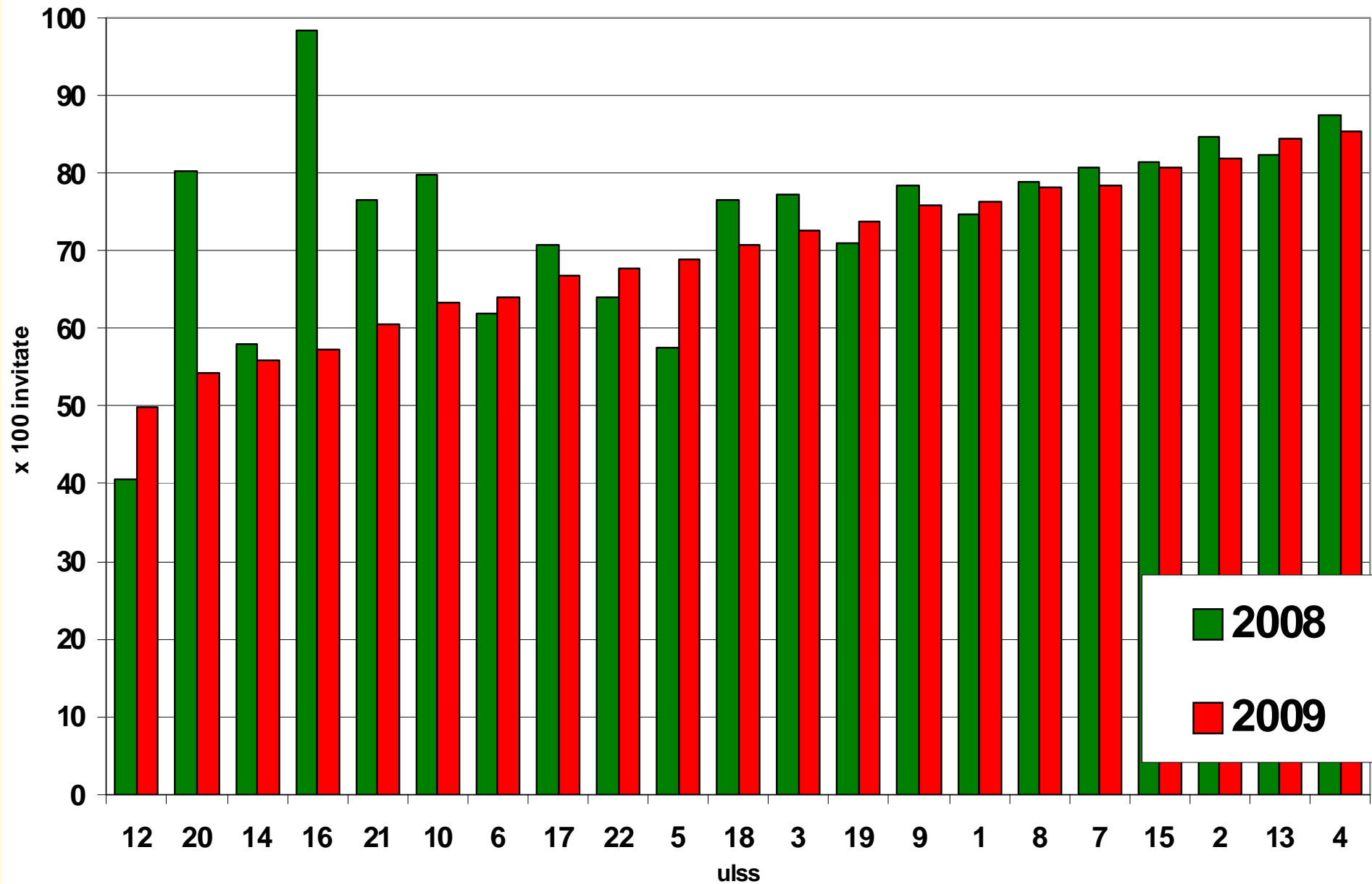
Estensione Corretta 2008/2009



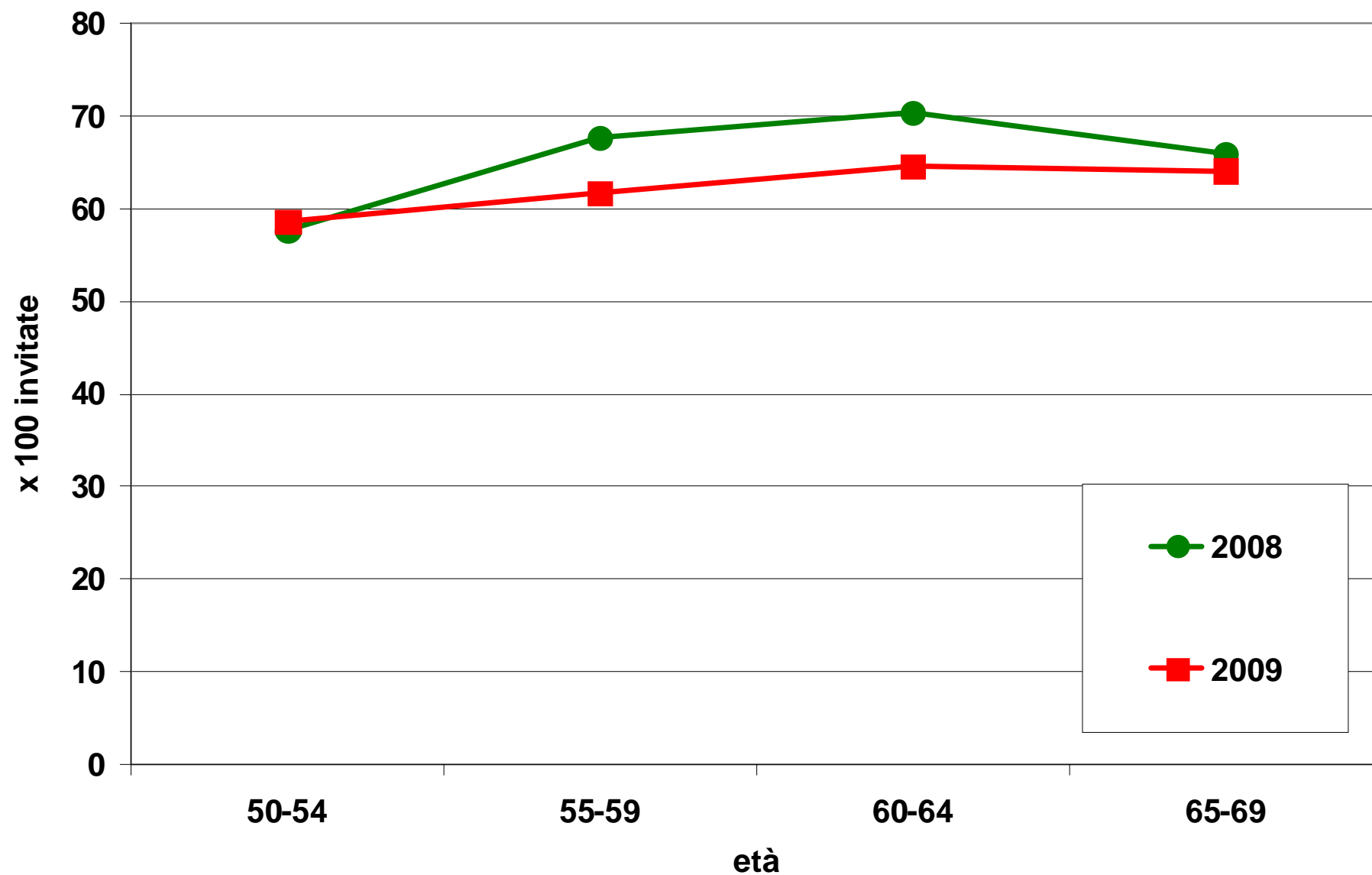
Adesione Corretta 2009



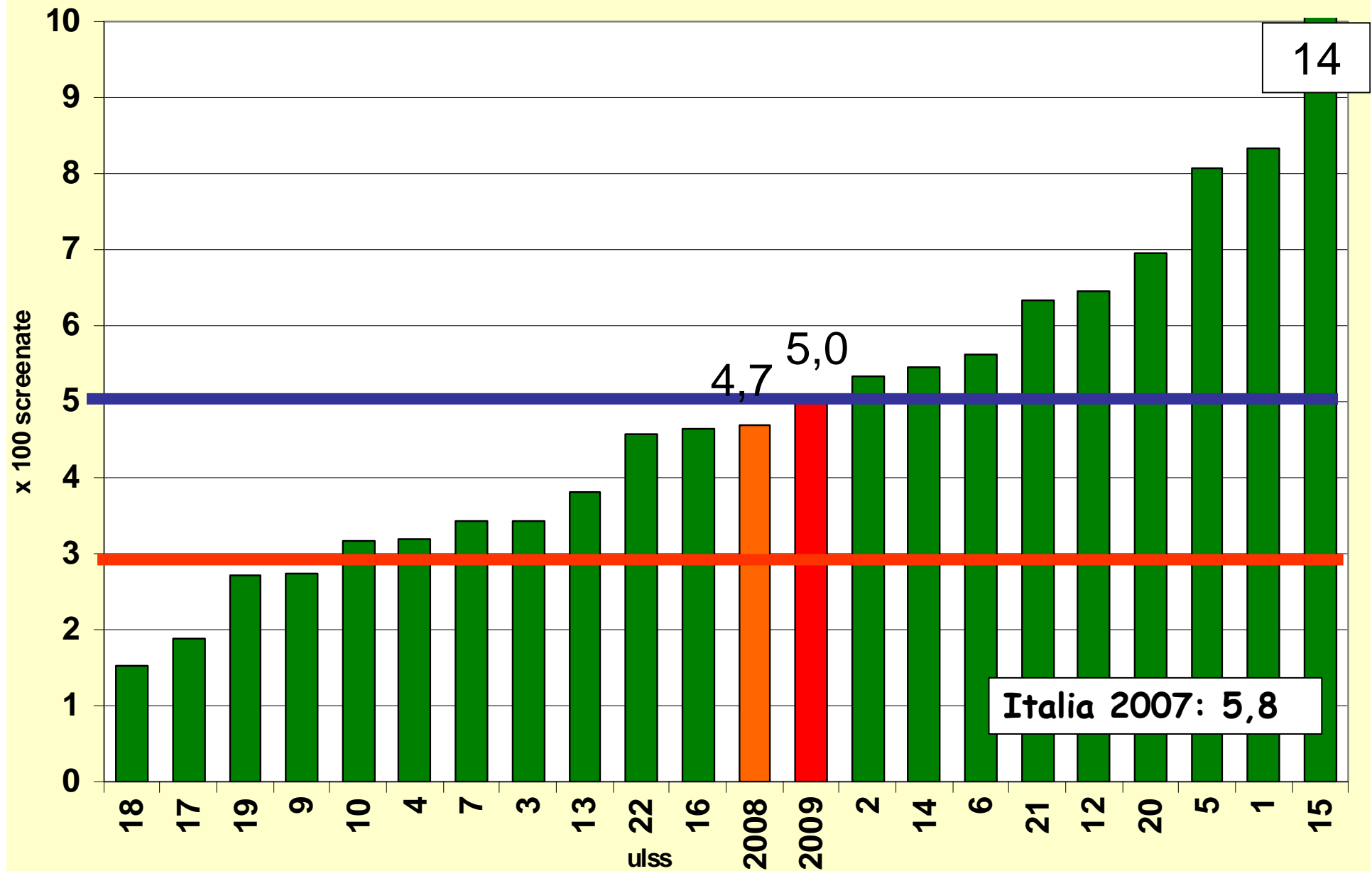
Adesione Corretta 2008-2009



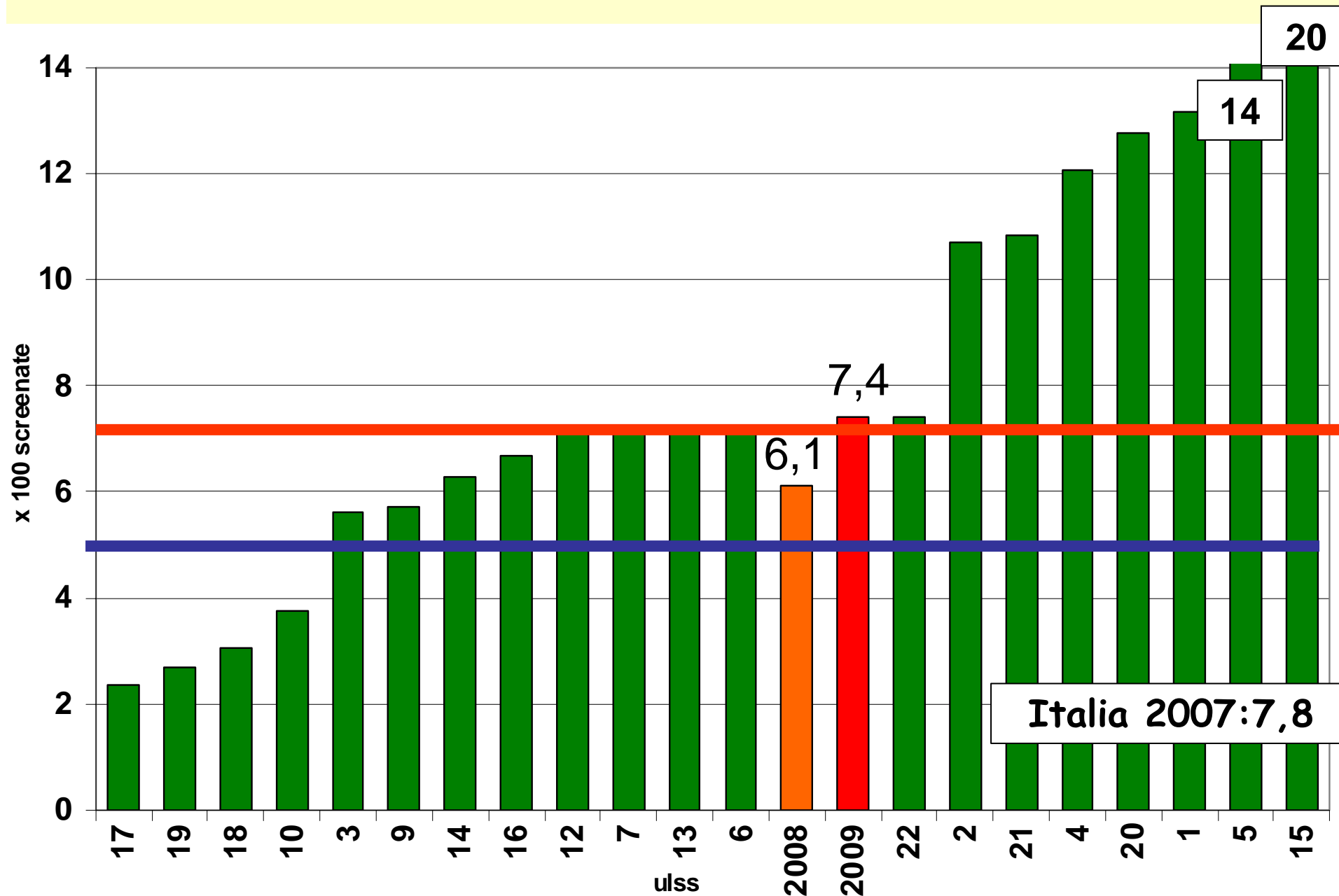
Adesione Grezza per fasce d'età 2008-2009



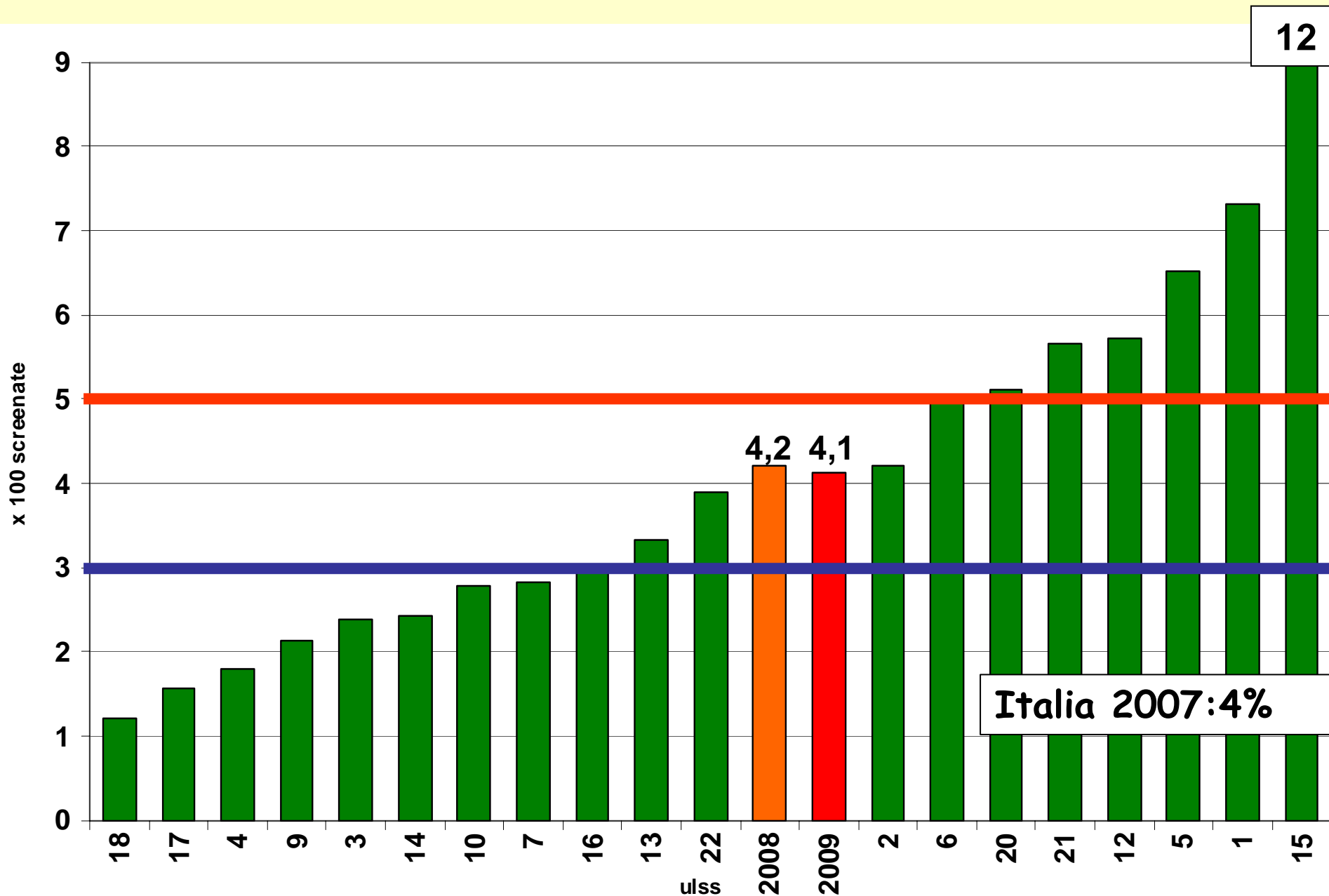
Mammografie positive - 2009



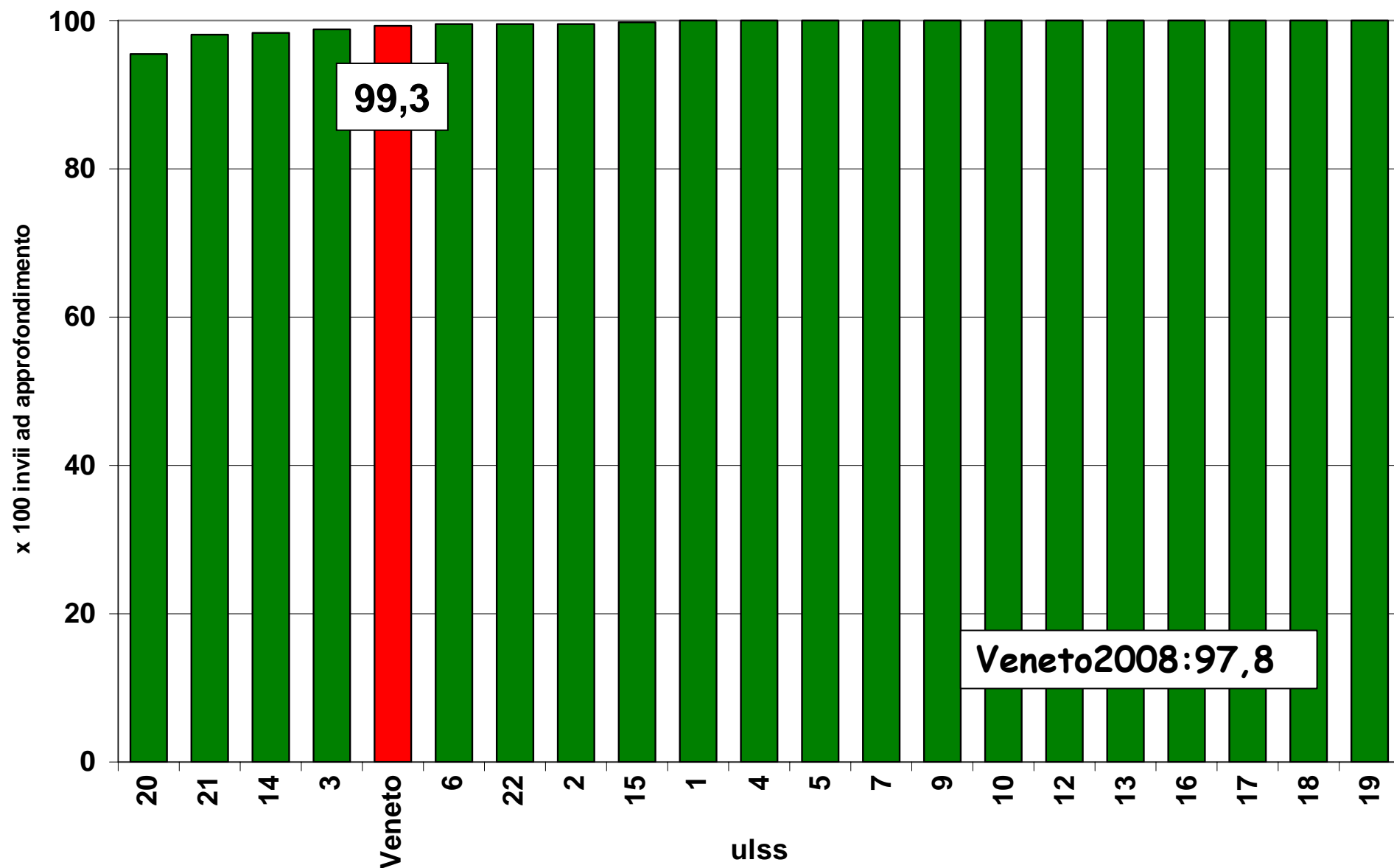
Mammografie positive: primi esami



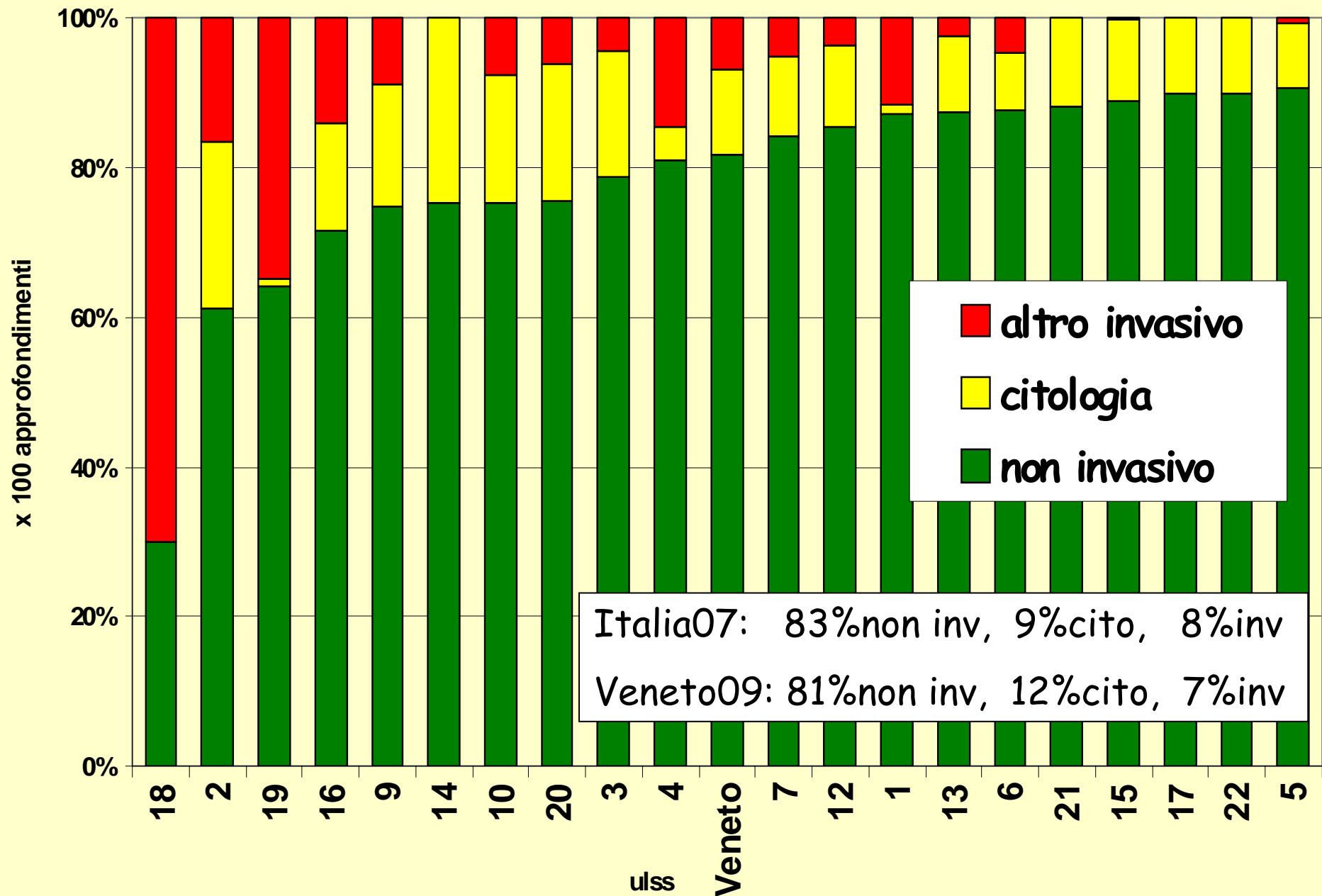
Mammografie positive: esami successivi



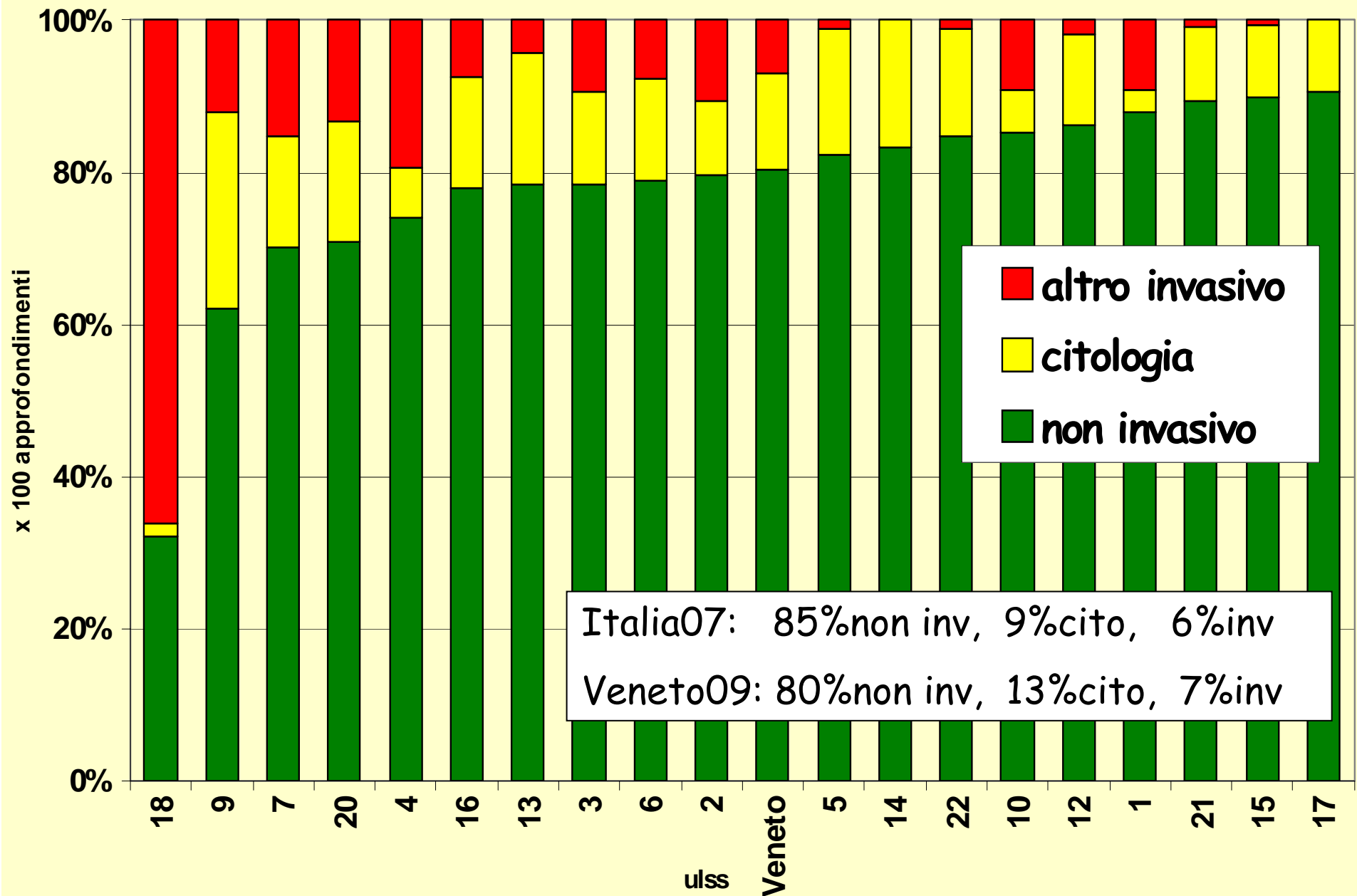
Adesione all'approfondimento



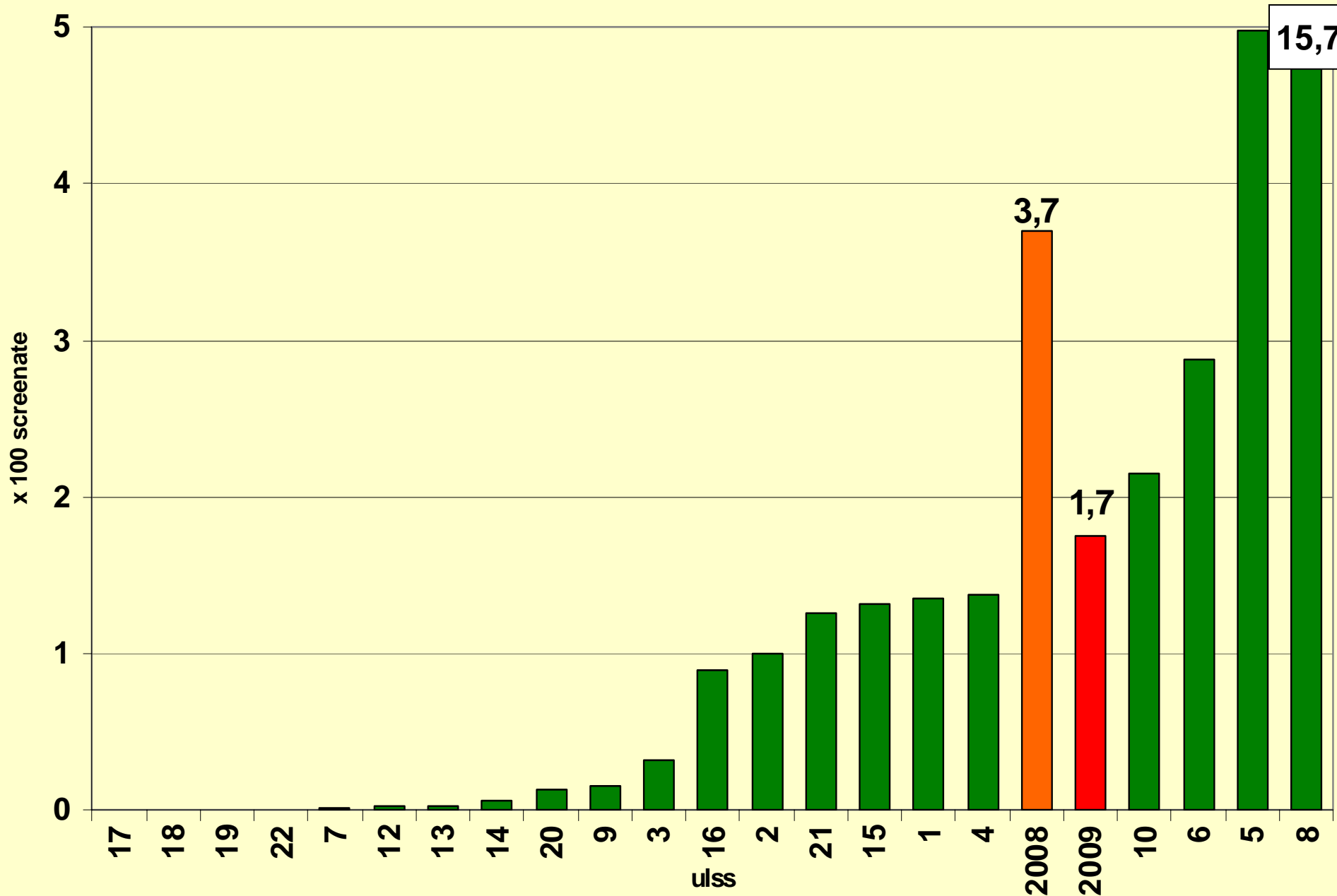
Tipo di approfondimento - primi esami 2009



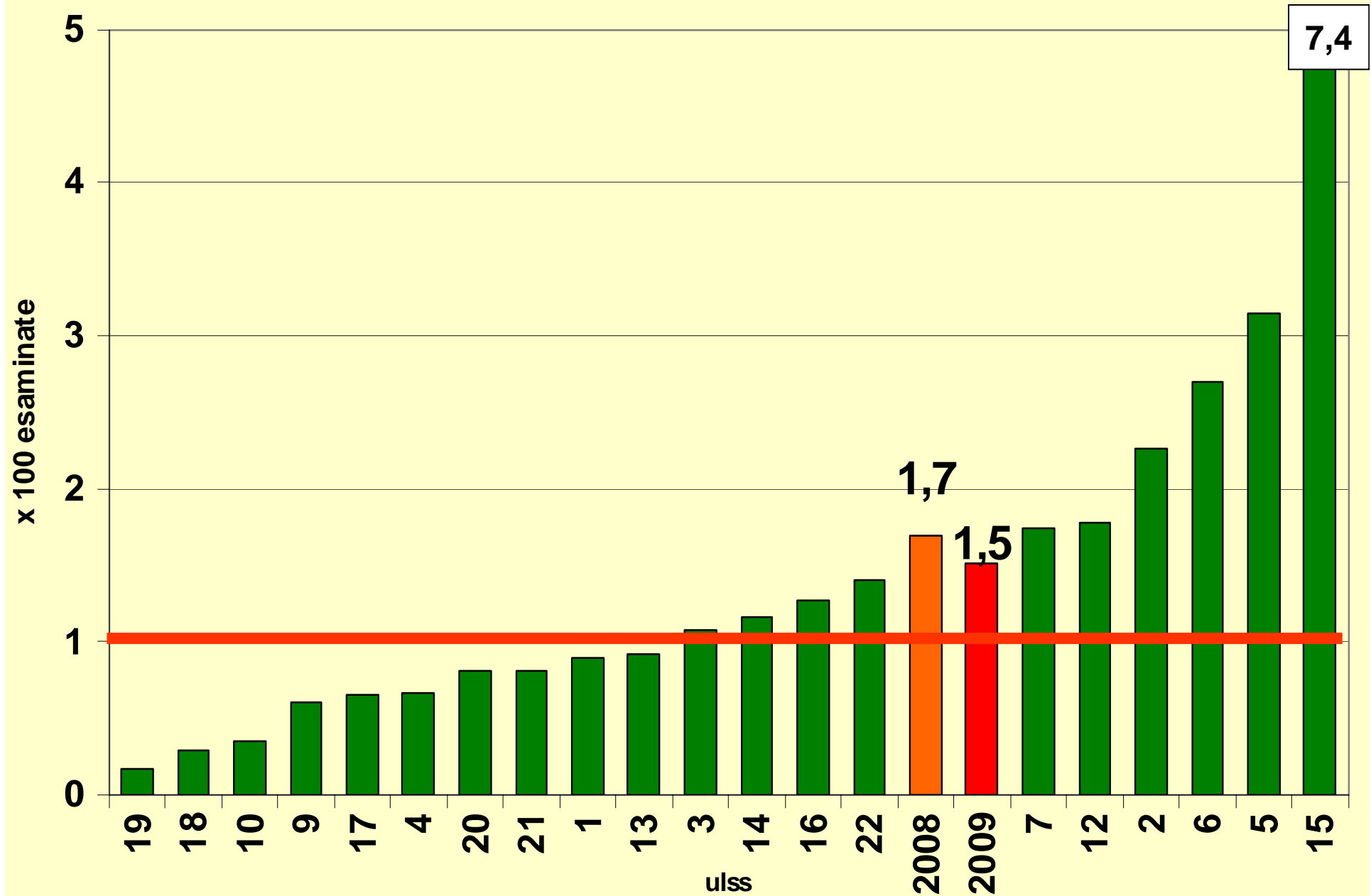
Tipo di approfondimento - esami successivi 2009



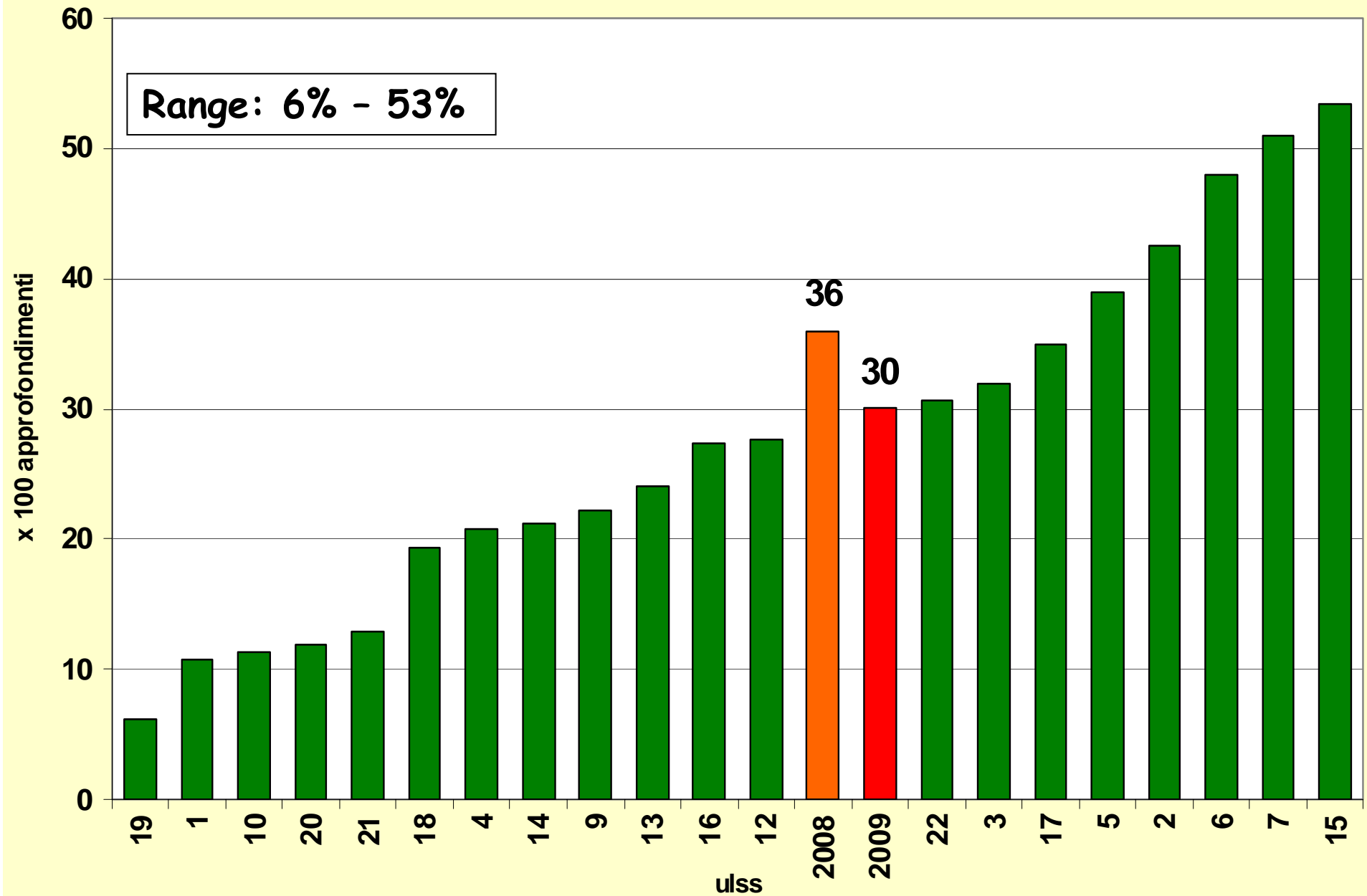
Mammografie intermediaire 2009



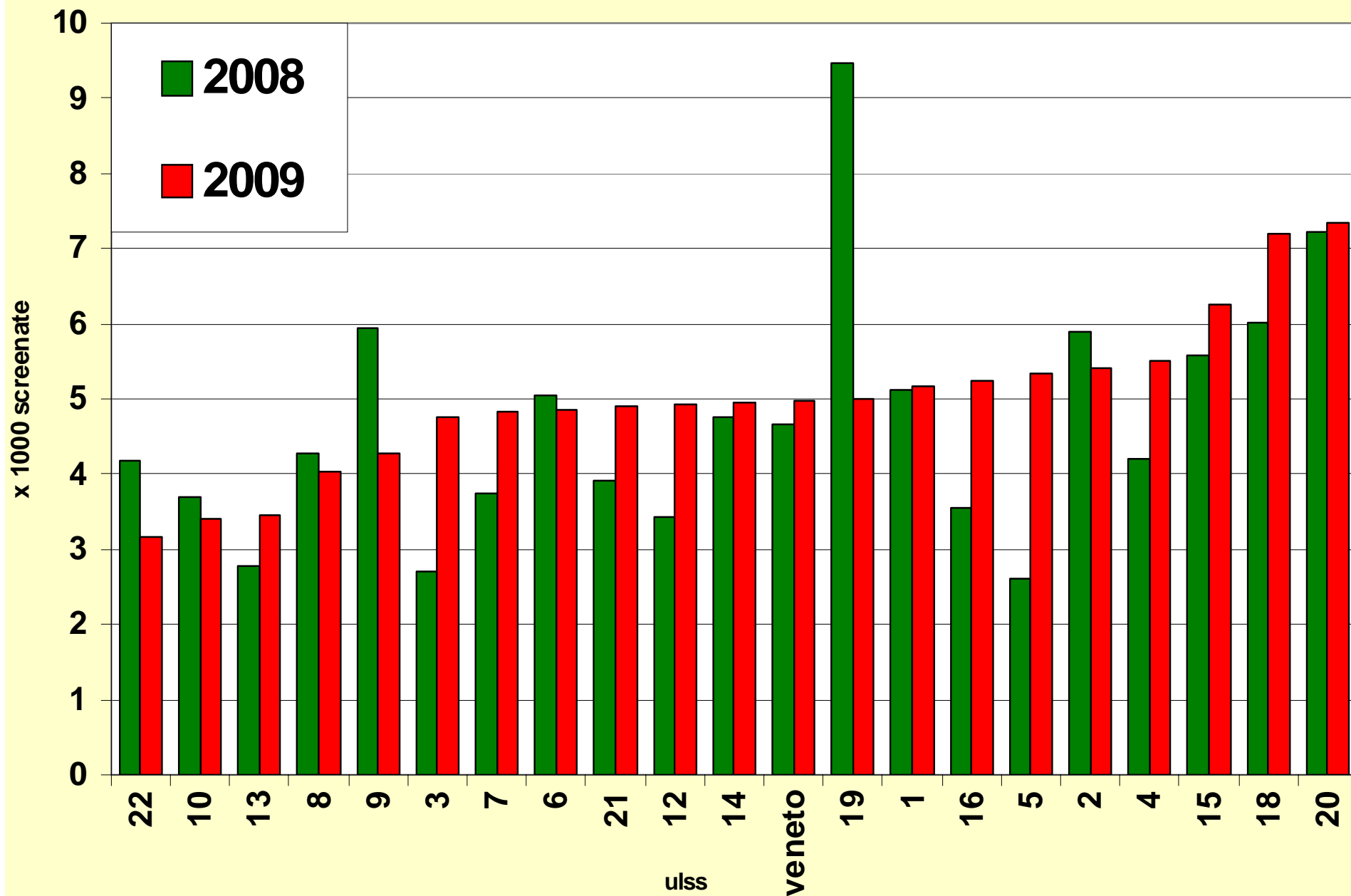
Richiami precoci



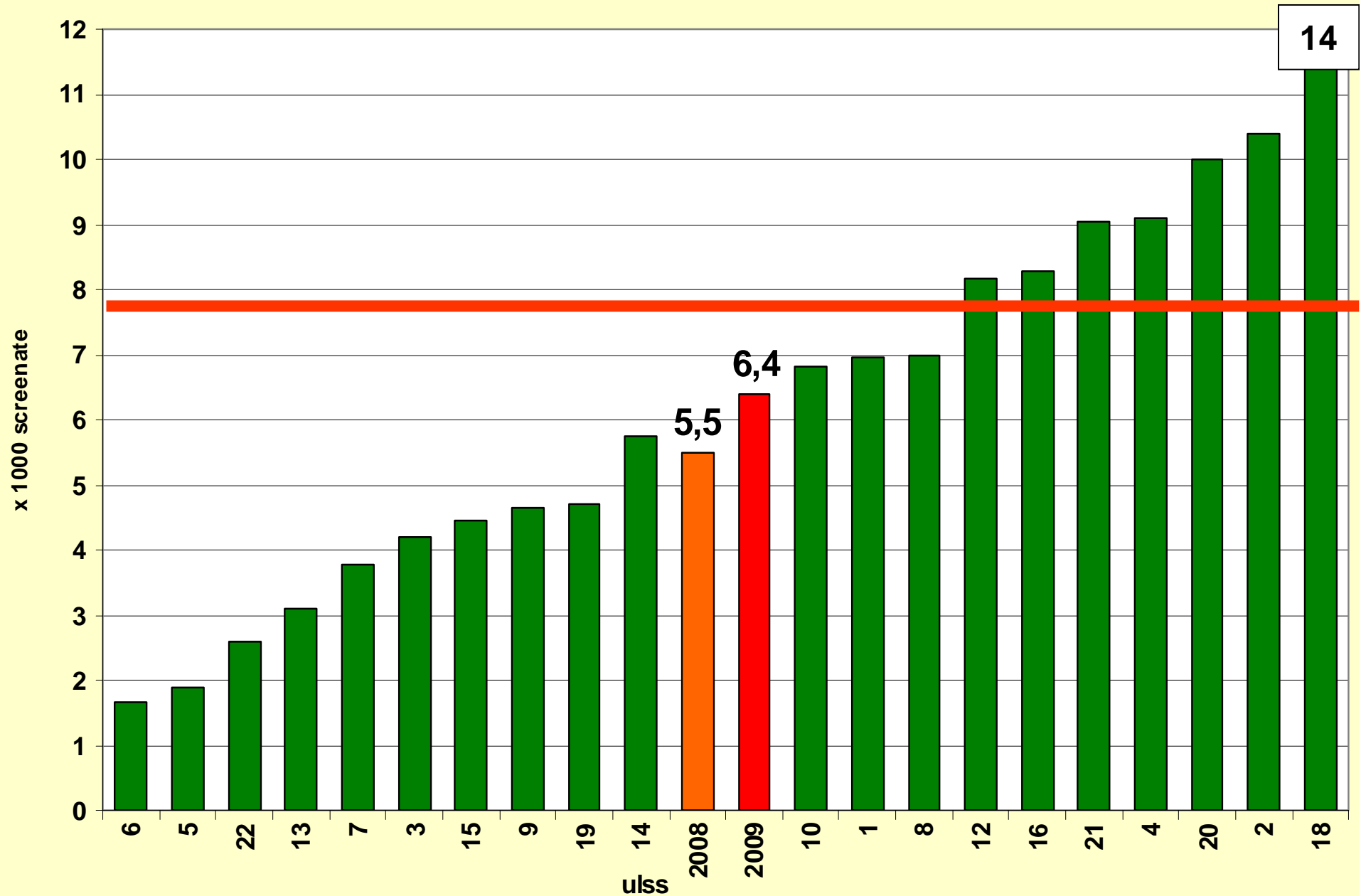
Richiami precoci / Approfondimenti



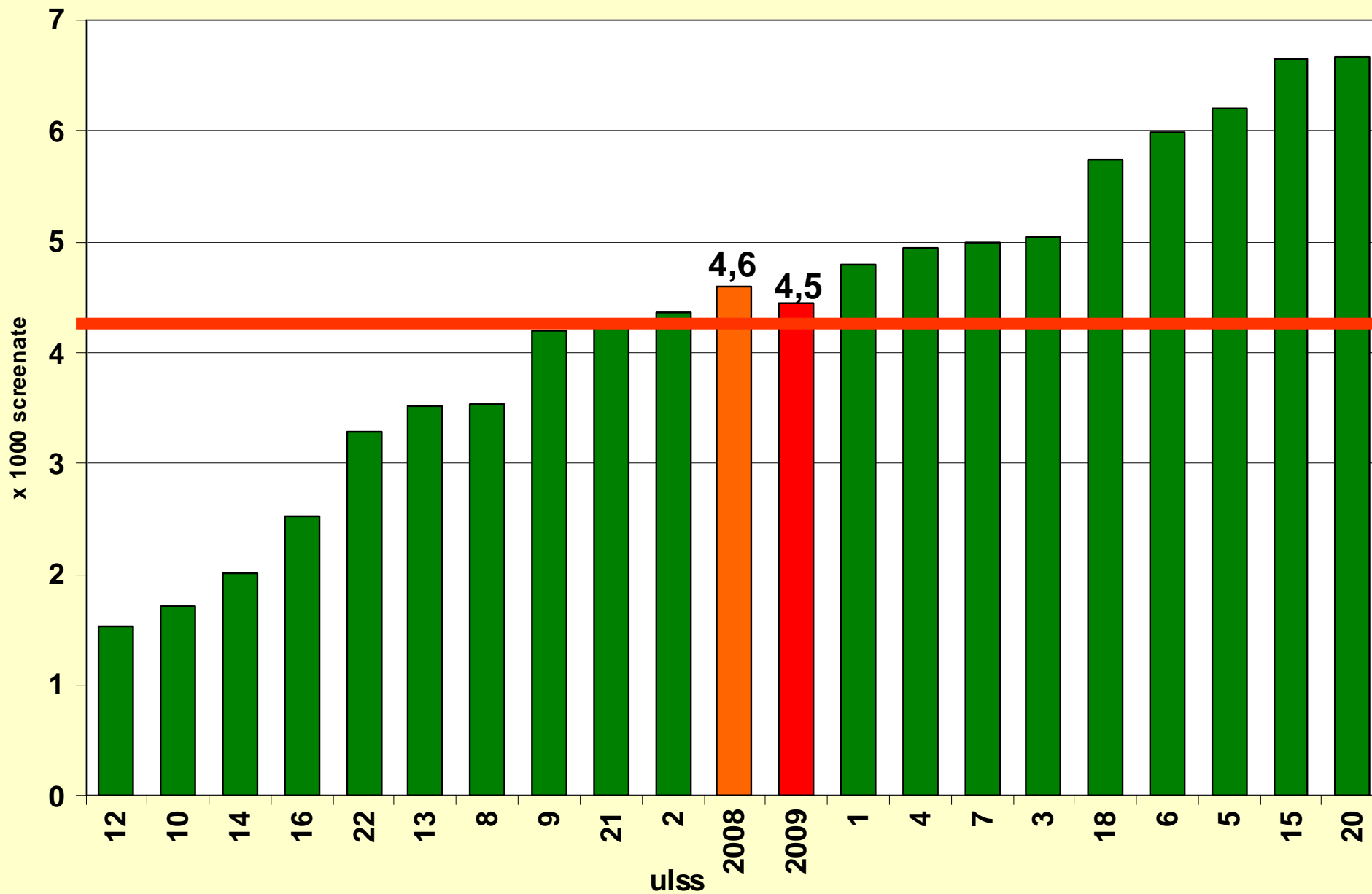
Detection rate: 2008 - 2009



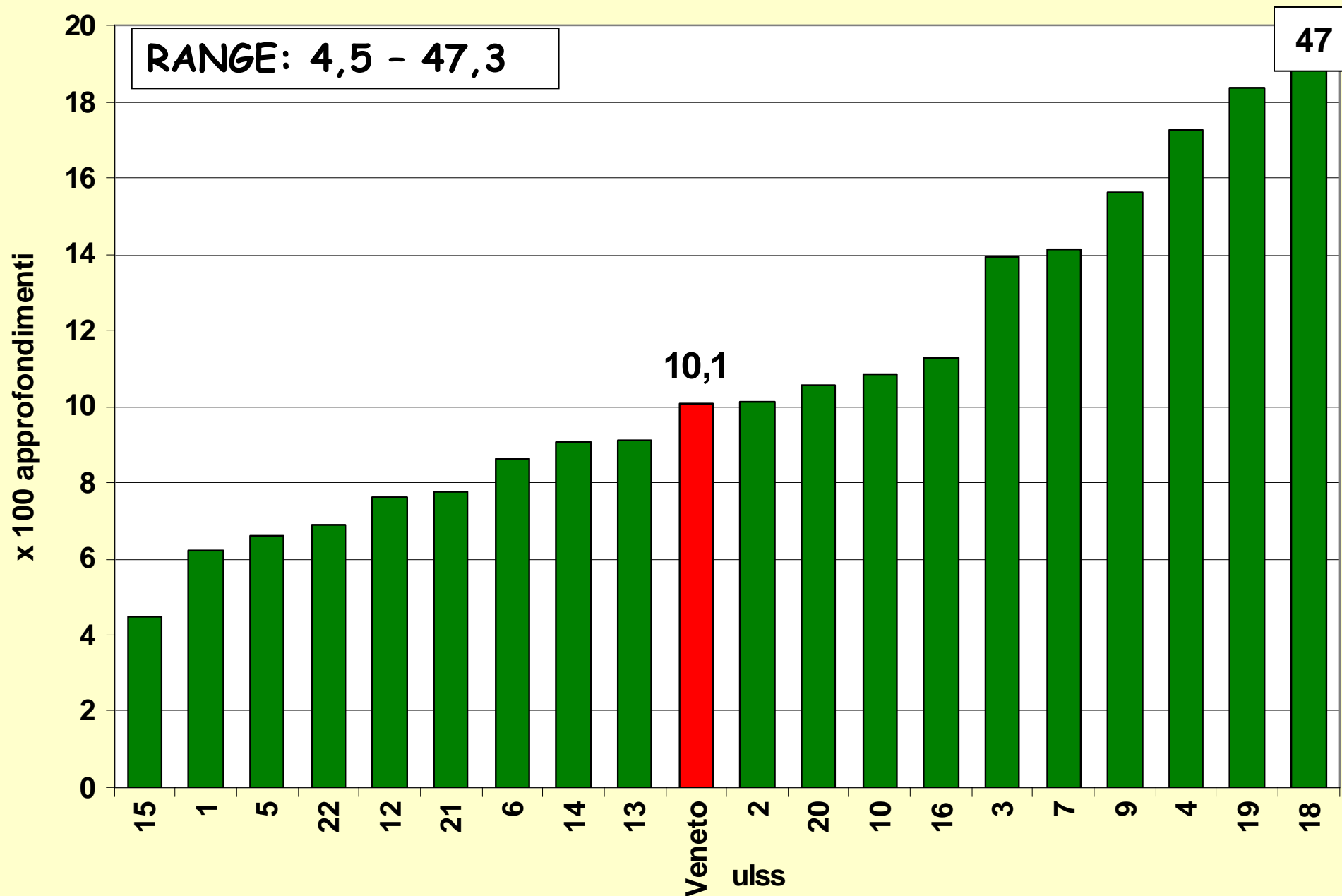
Detection rate - Primi esami



Detection rate - Esami successivi



VPP della Mammografia positiva per tumore - 2009



Andamento temporale di alcuni indicatori

	2007	2008	2009	Standard
Tasso Biopsia (per 100 esaminate)	I°: 0,7 II°: 0,4	I°: 0,6 II°: 0,4	I°: 0,5 II°: 0,4	< 1.5
Biopsie B/M	0,21	0,22	0,16	< 0.5
Tasso identificazione (per 1000 esaminate)	I°: 6,5 II°: 3,7	I°: 5,5 II°: 4,6	I°: 6,4 II°: 4,5	I°: > 9,4 II°: > 4,7
Stadio II +	I°: 30,5% II°: 26,8%	I°: 32,6% II°: 27,7%	I°: 29,6% II°: 27,0%	I°: < 25% II°: < 20%

CORRELAZIONE CITO-ISTOLOGICA 2009

CITOLOGIA	ISTOLOGIA					
	Benigno	In situ	Invasivo	Altra istologia	Non Istologia	TOTALI
Inadeguato (C1)	27	4	22	1	138	192
Benigno (C2)	25	3	3	1	361	393
Atipico prob. benigno (C3)	26	1	17	1	35	80
Sosp. prob. maligno (C4)	17	6	82	0	48	153
Maligno (C5)	1	10	204	0	136	351
TOTALI	96	24	328	3	718	1.169

VPP di C3, C4 e C5 per Carcinoma in situ + invasivo

	2006	2007	2008	2009
Atipico prob. benigno (C3)	20%	31%	27%	23%
Sosp. prob. maligno (C4)	75%	86%	81%	84%
Maligno (C5)	97%	97%	97,5%	99,7%

INDICATORI CITOLOGICI

	2008	2009	St. Accett.	St. desider.
Sensibilità assoluta	66,2	71,7	>60%	>70%
VVP Atipico prob. Benigno (C3)	27,4	22,5		
VVP Sosp. maligno (C4)	81,4	83,8		
VPP Maligno (C5)	97,5	99,7	>98%	>99,5%
TASSO FALSI NEGATIVI*	2,5	1,2	<6%	<4%
TASSO FALSI POSITIVI	1,7	0,2	<1%	<0,5%
TASSO INADEG	21,3	16,4	<25%	<15%
TASSO INADEG (con diagnosi ka)	6,8	5,3	<10%	<5%
TASSO SOSPETTI (C3,C4)	17,1	19,9	<20%	<15%

* non incrociato con sdo (sottostimato)

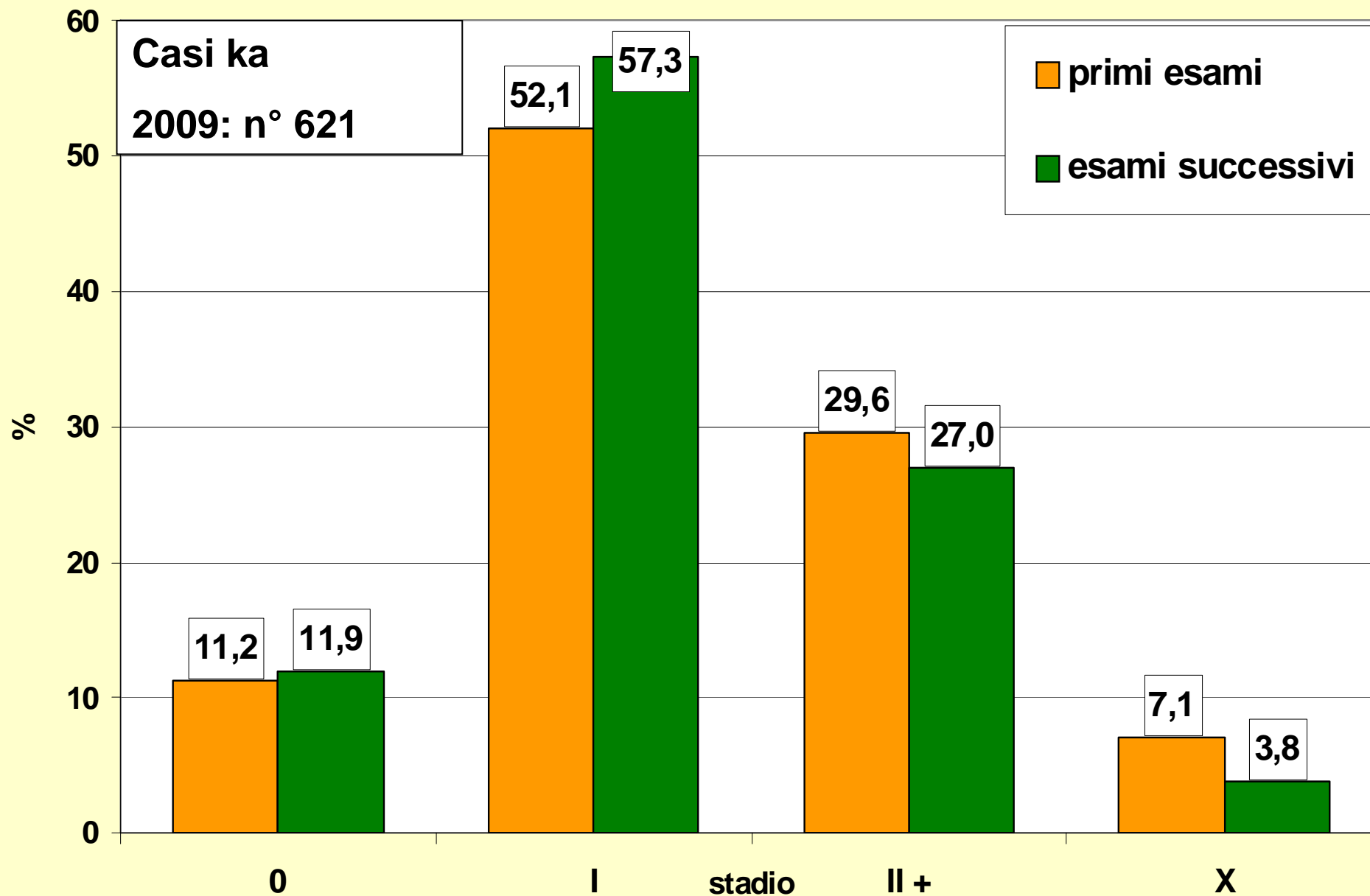
CORRELAZIONE AGOBIOPSIE - IST. CHIRURGICA: 2009

ISTOLOGIA BIOPTICA	ISTOLOGIA CHIRURGICA					
	Benigno	In situ	Invasivo	Altra istologia	Non Istologia	TOTALI
Normali (B1)	4	6	11	0	45	66
Benigno (B2)	8	2	3	1	216	230
Atipico prob. benigno (B3)	18	5	5	0	25	53
Sosp. prob. maligno (B4)	11	9	15	0	13	48
Maligno (B5)	1	35	178	0	76	290
TOTALI	42	57	212	1	375	687

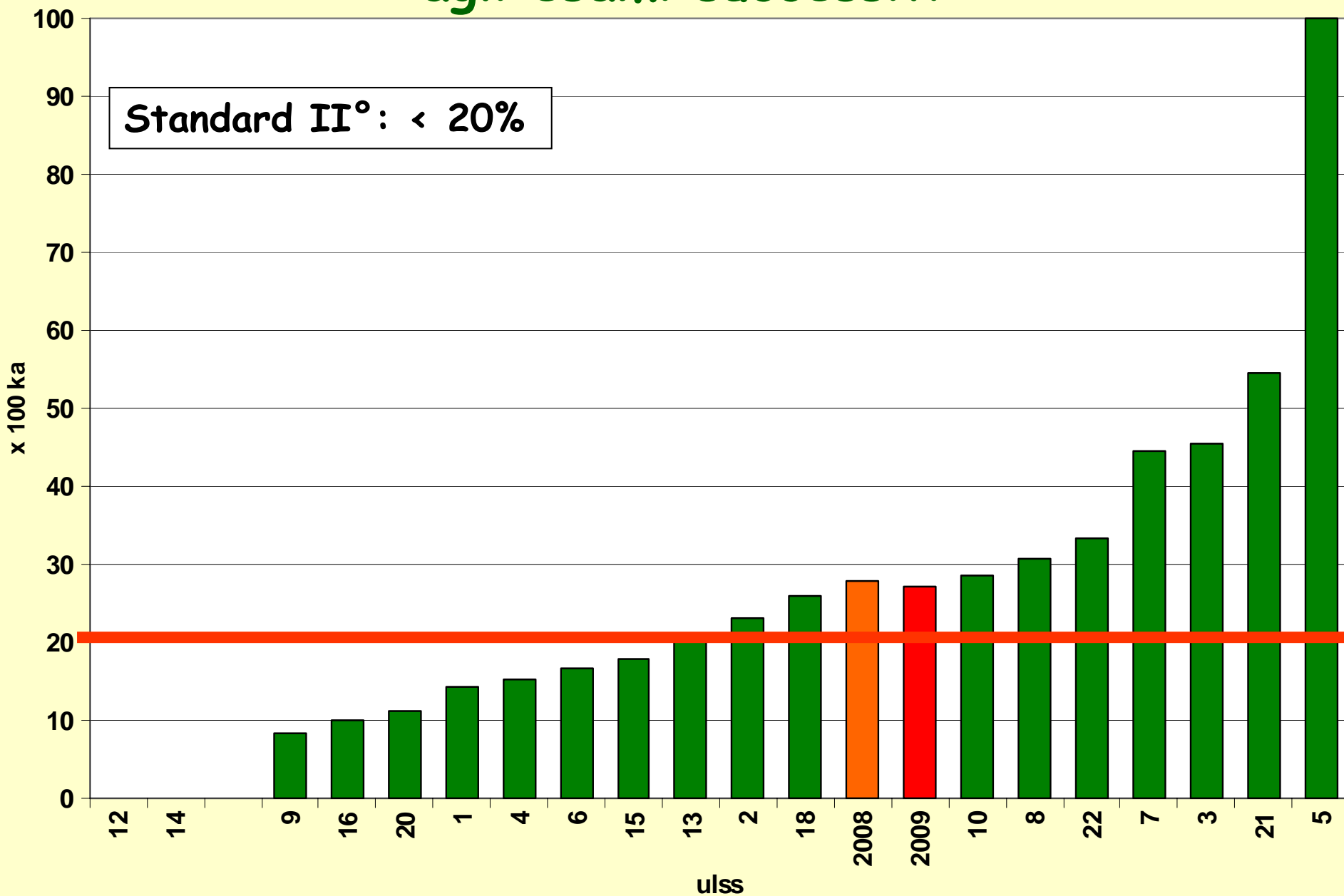
ALCUNI INDICATORI BIOPSIE

	2008	2009	St. accett.	St. desider.
Sensibilità assoluta	87,9	83,8	>70	>80
VVP Incerto potenziale (B3)	34,1	18,9		
VVP Sosp. maligno (B4)	58,8	68,6		
VPP Maligno (B5)	98,8	99,7	>99%	>99,5%
TASSO FALSI NEGATIVI	1,1	1,4		
TASSO FALSI POSITIVI	1,1	0,3	<0,5	0,1
TASSO SOSPETTI (B3 B4)	12,4	14,7	<10	<5

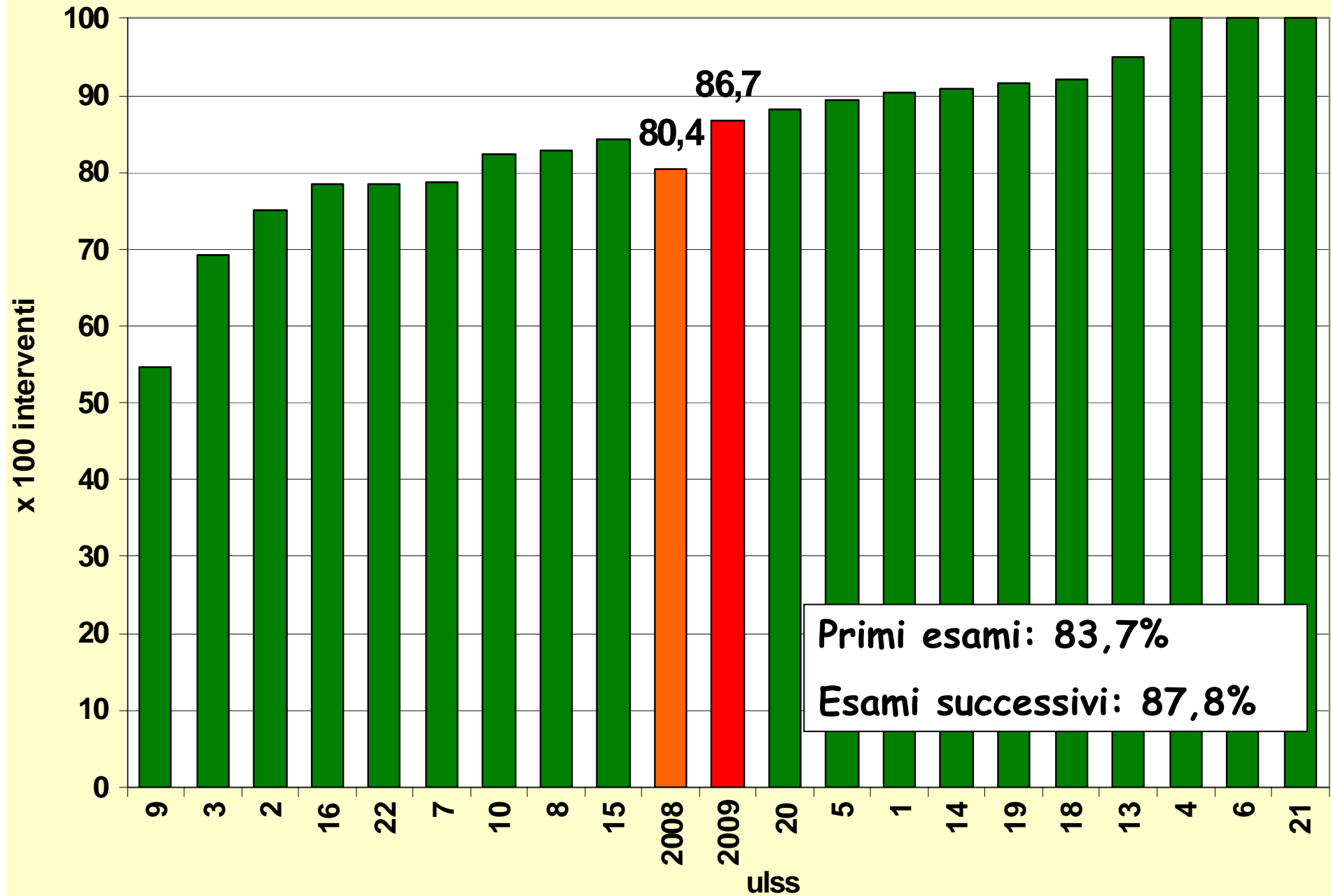
Distribuzione per stadio - 2009



Percentuale di Ca stadio II+ su totale carcinomi agli esami successivi



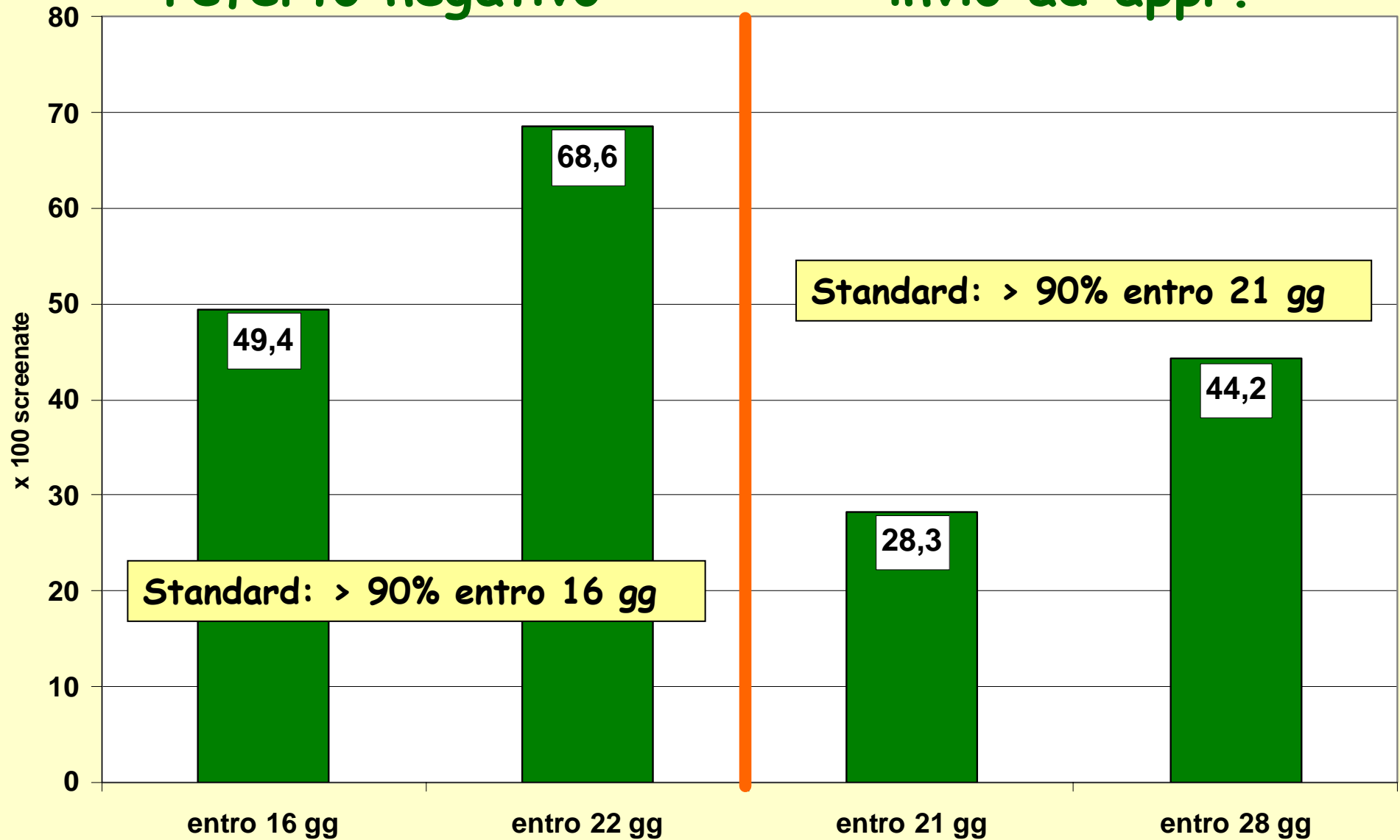
INTERVENTI CONSERVATIVI



Tempestività invio

referto negativo

invio ad appr.



Grazie

ugualmente per l'attenzione

