

ICT & HEALTH



THE ROLE OF THE DIGITAL SECTOR IN MAKING THE HEALTH & CARE NEARER TO THE USERS

May 6th 2015 · Lecce · Italy

Telemedicine development in Italy: necessary changes in Regional Healthcare Systems

Francesco Gabbrielli
Italian Society of Telemedicine
SIT

TELEMATIC MEDICINE AND SURGERY SYSTEMS: WHY DO THEY EXIST ?

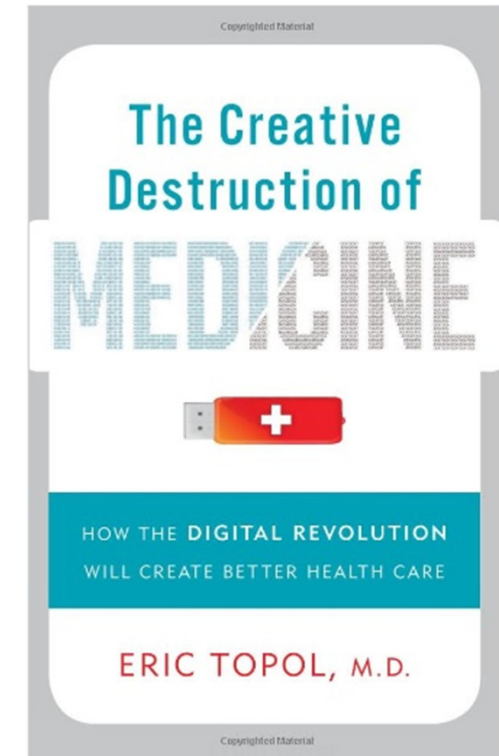
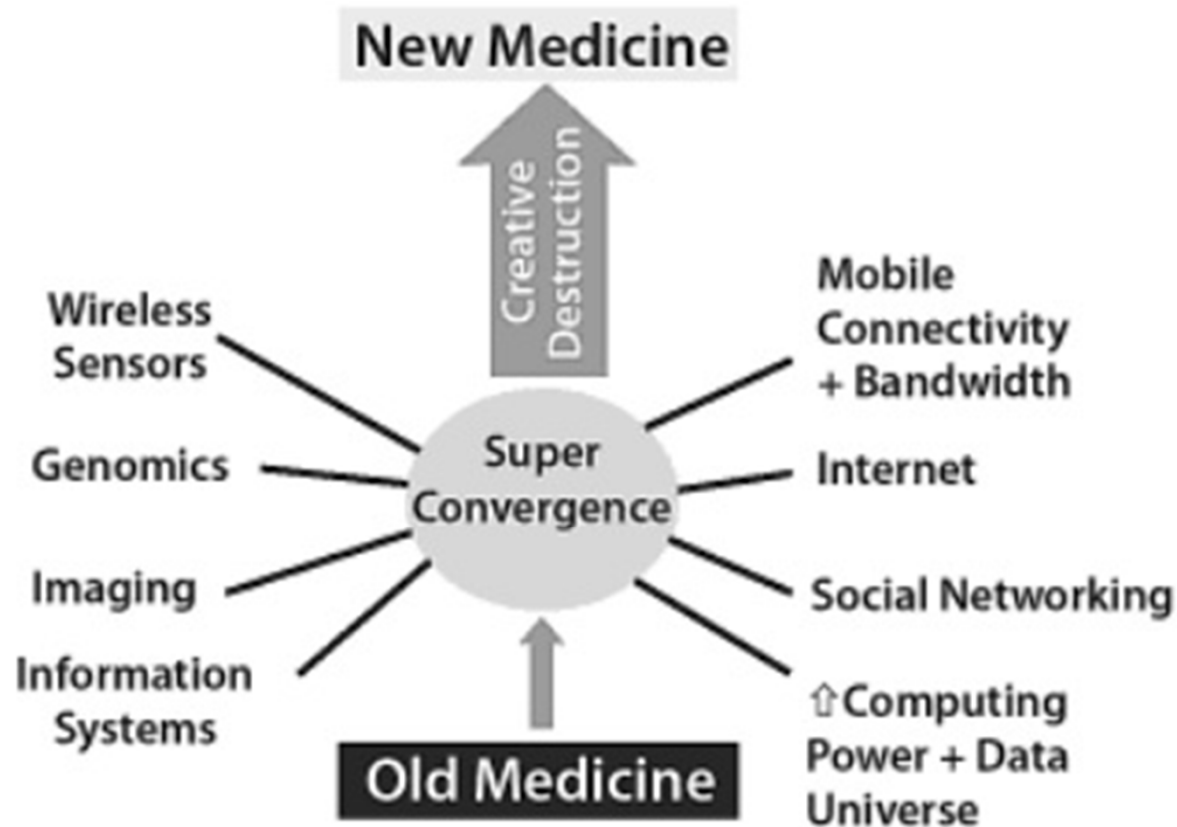


FIGURE INTRO.1: The transformation from medicine today (old, dumbed down) to new, individualized medicine that is enabled by digitizing humans.

TELEMATIC MEDICINE AND SURGERY SYSTEMS: WHY TO USE THEM IN HEALTH SERVICES ?



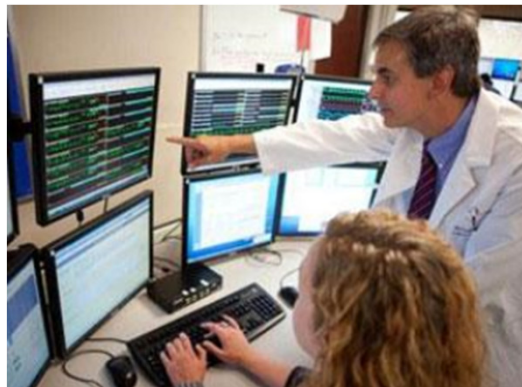
**TO REACH HIGHER
QUALITY ...**



**... BUT EXCEPTIONAL
COMPLEXITY IS NEEDED**



**... THEREFORE ORGANIZATION
HAS TO BE COHERENT**



TELEMATIC MEDICINE AND SURGERY SYSTEMS: IN WHAT SCENARIO ARE THEY GROWING IN ITALY ?

SCENARIO :

- economic recession attacks Italian SME which are led to reduce R&D
- Health Organizations act only on costs saving without sufficient policies for reduction of wastes
- Progressively ageing population
- Increasing chronic diseases and comorbidities

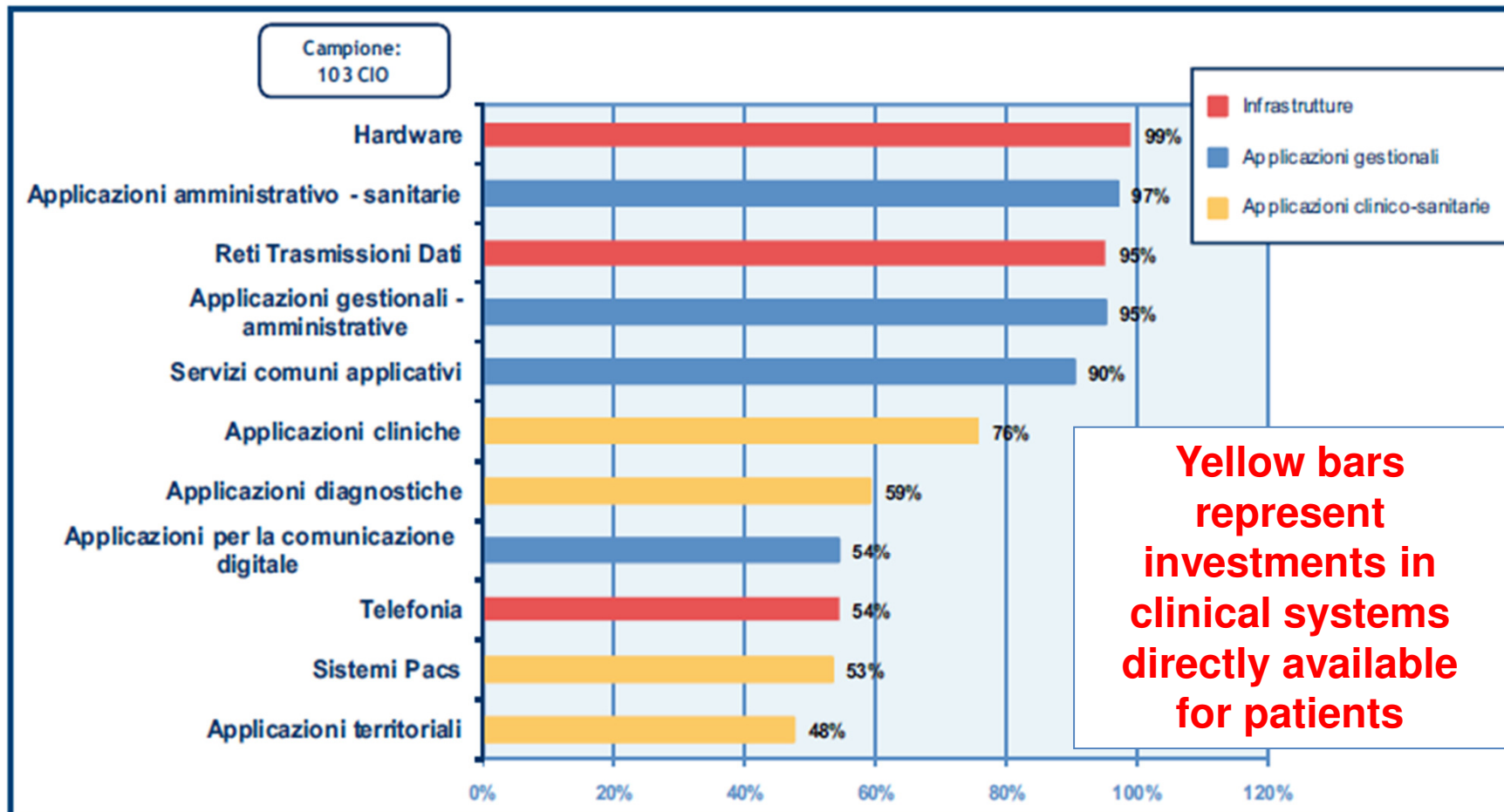


**IF SSN STILL MANTAINS PRESENT ORGANIZATION
THEN IT WILL AUGMENT HEALTHCARE COSTS**

ICT in Sanità: l'innovazione è in rete - Rapporto 2010 Osservatorio ICT in Sanità, Politecnico di Milano

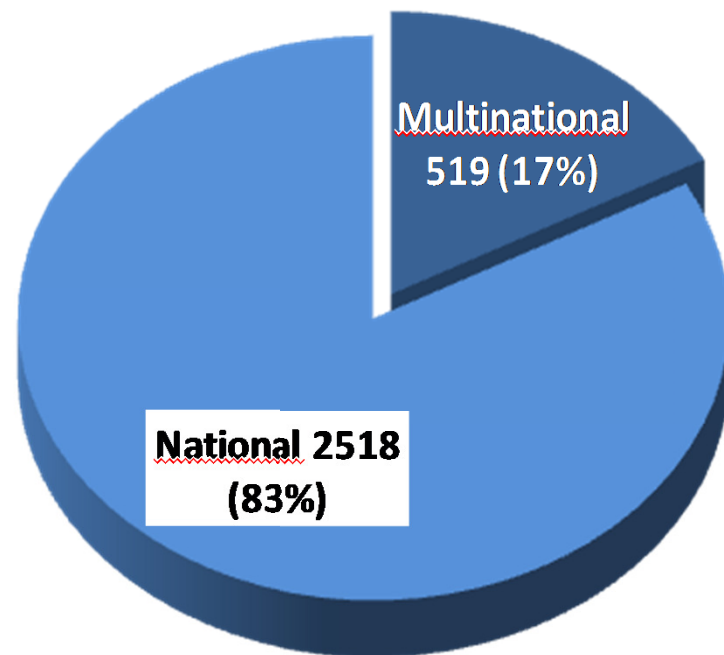
- 104 Chief Information Officer, 182 DG, DA e DS
- 200 different public and private healthcare organizations along Italy

Gli ambiti tecnologici nel budget di spesa gestito dalla Direzione ICT

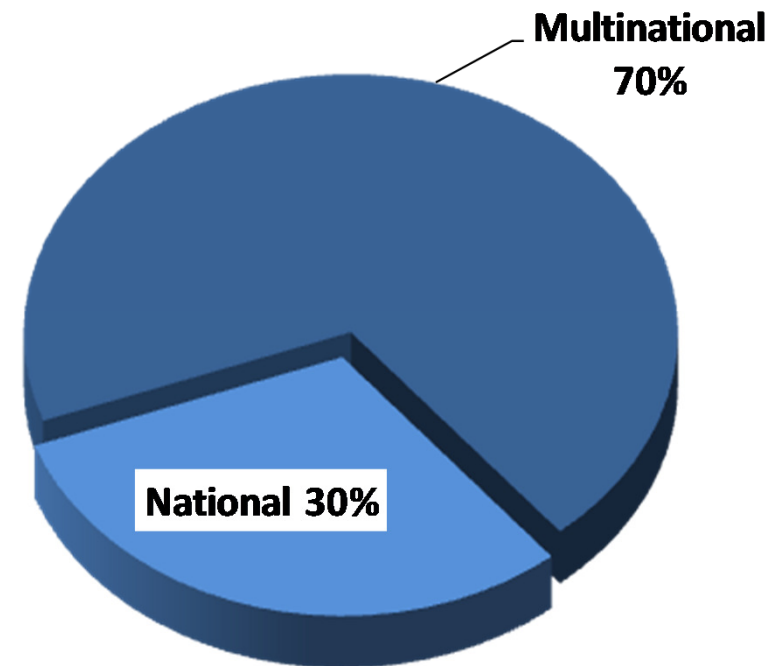


Enterprises vs Sales volumes Analysis (tot. 3037)

Enterprises Number



Sales Volume

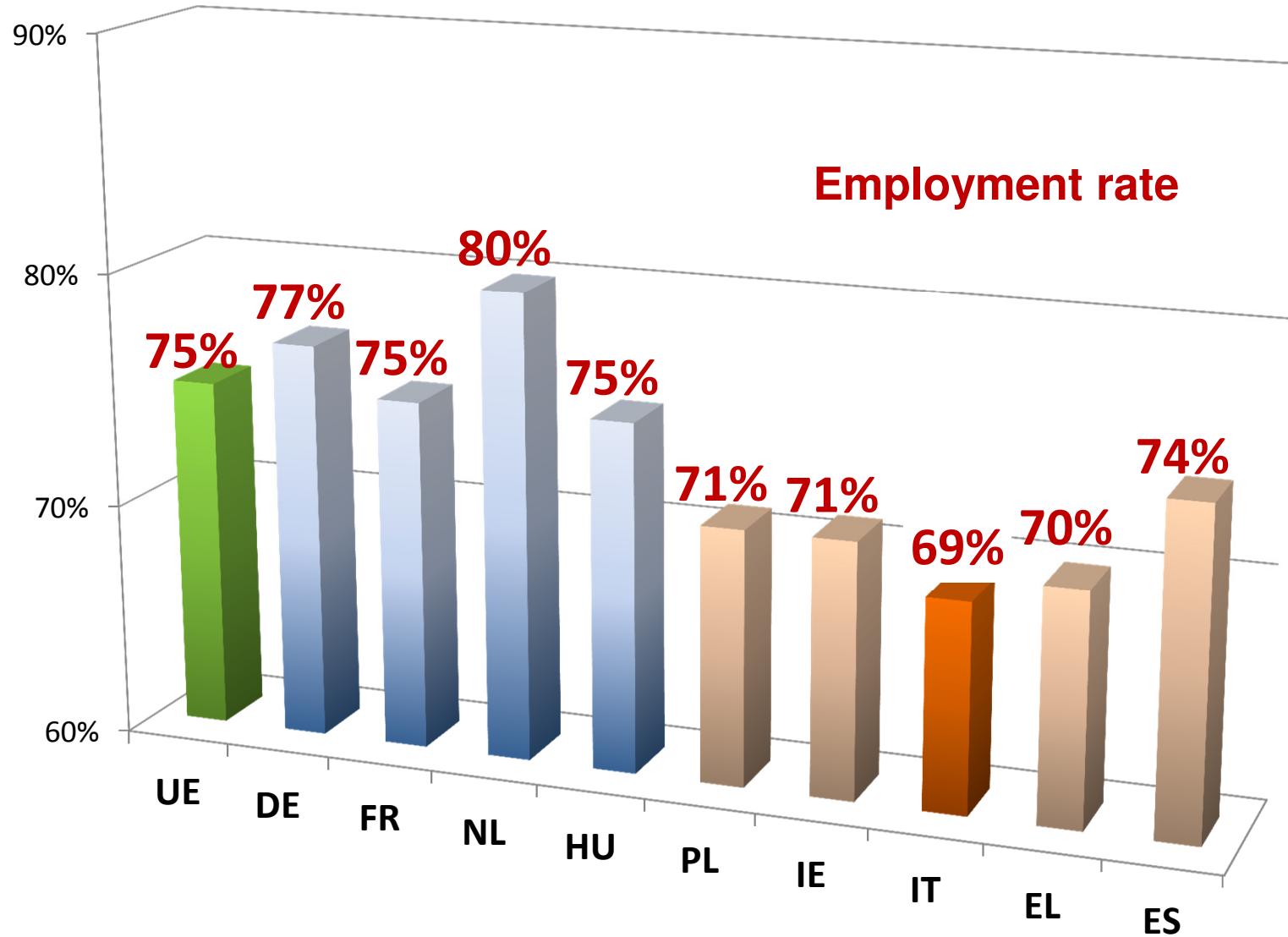


Europe 2020: Member States Objectives

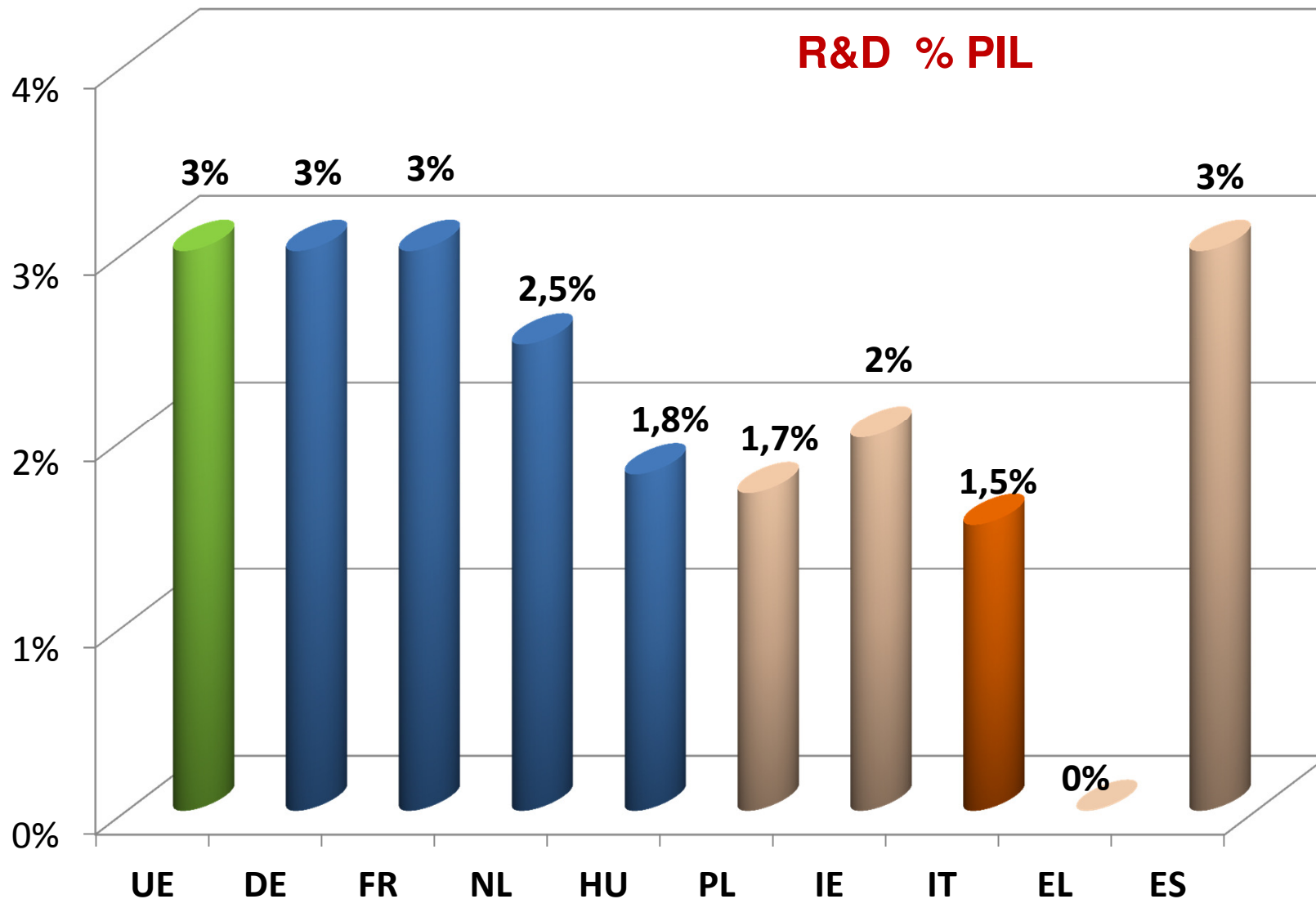
ITALY

Employment rate (%)	R&D in % PIL
67-69 %	1,53 %

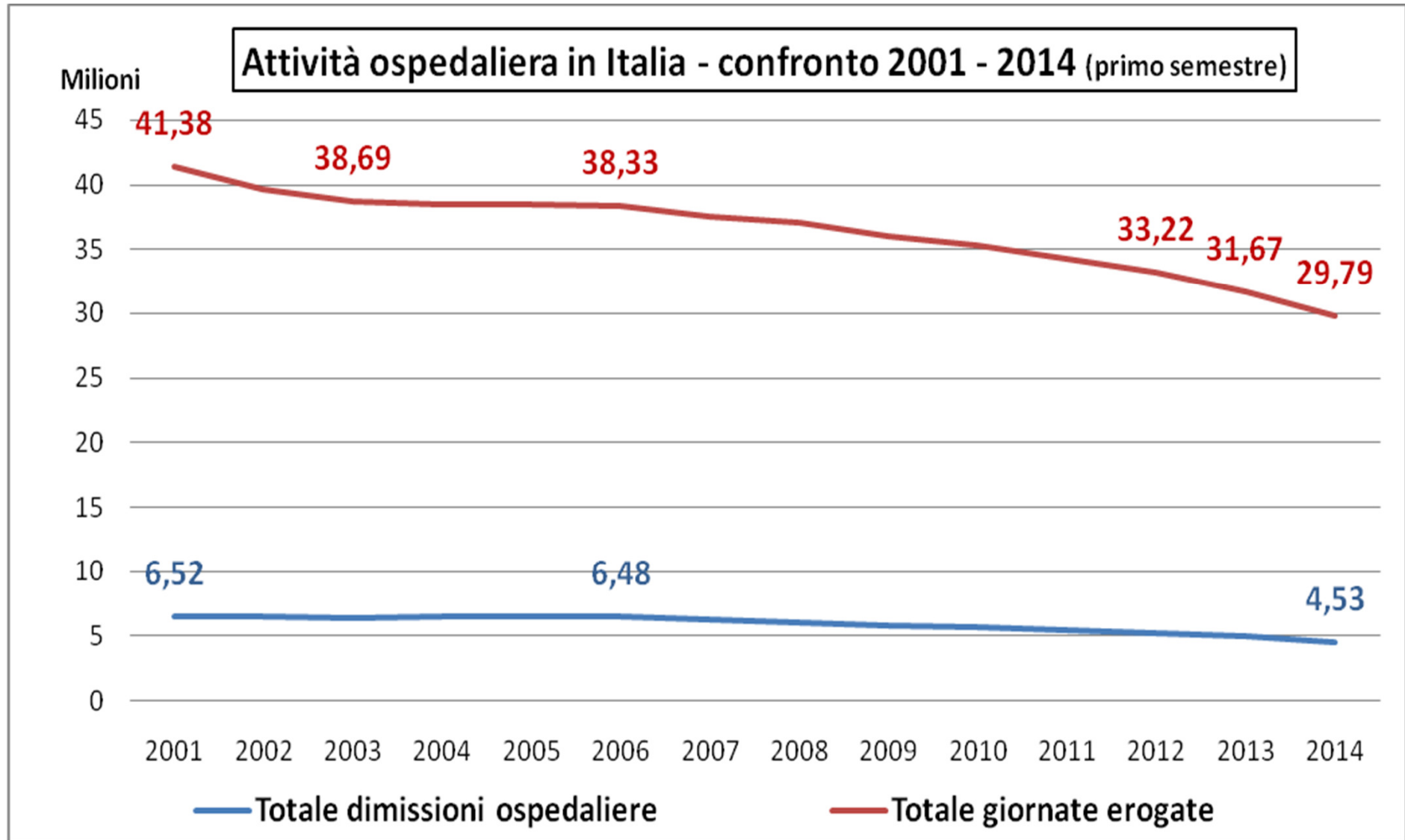
Europe 2020: Member States Objectives



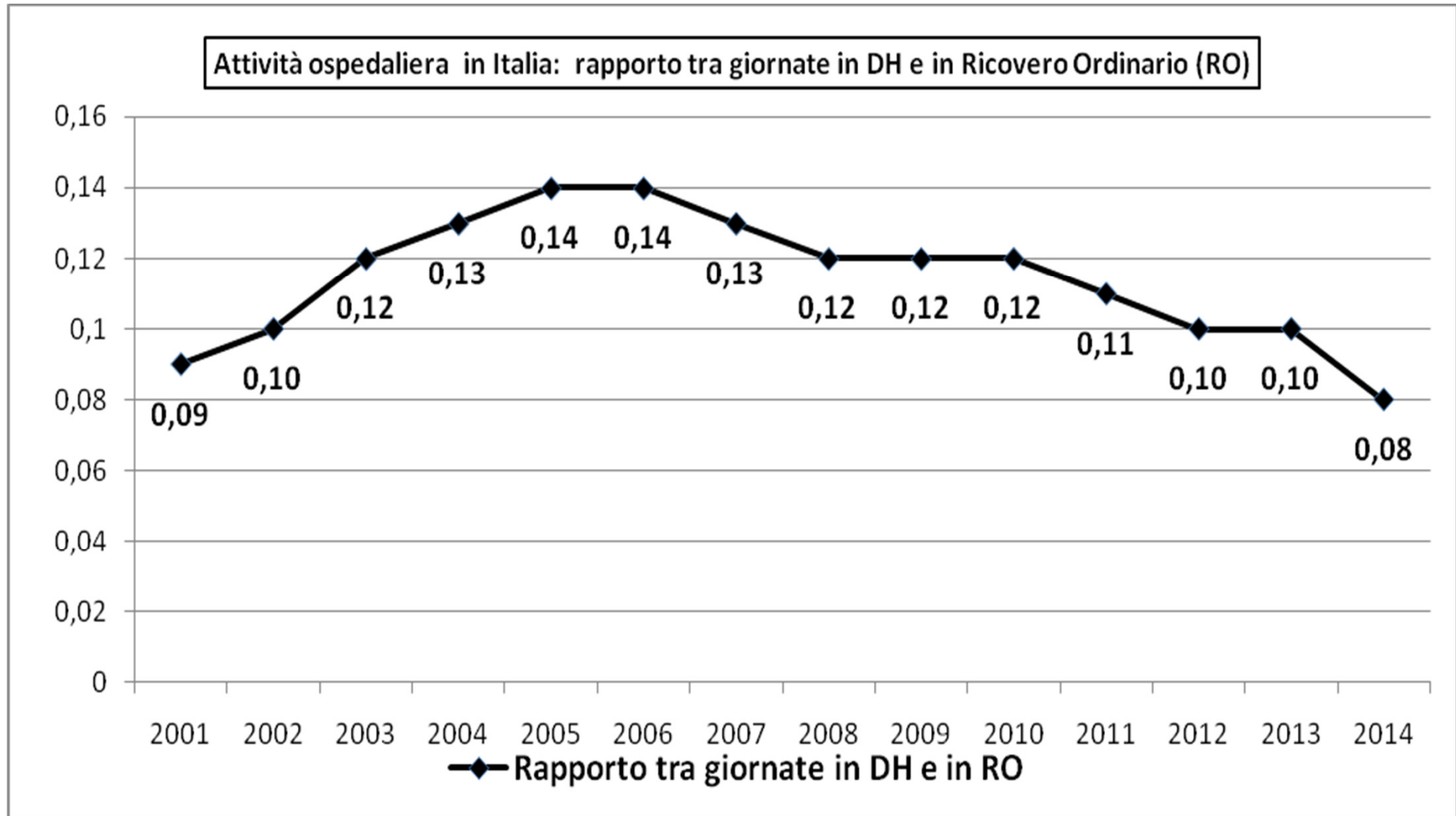
Europa 2020: Obiettivi Stati Membri



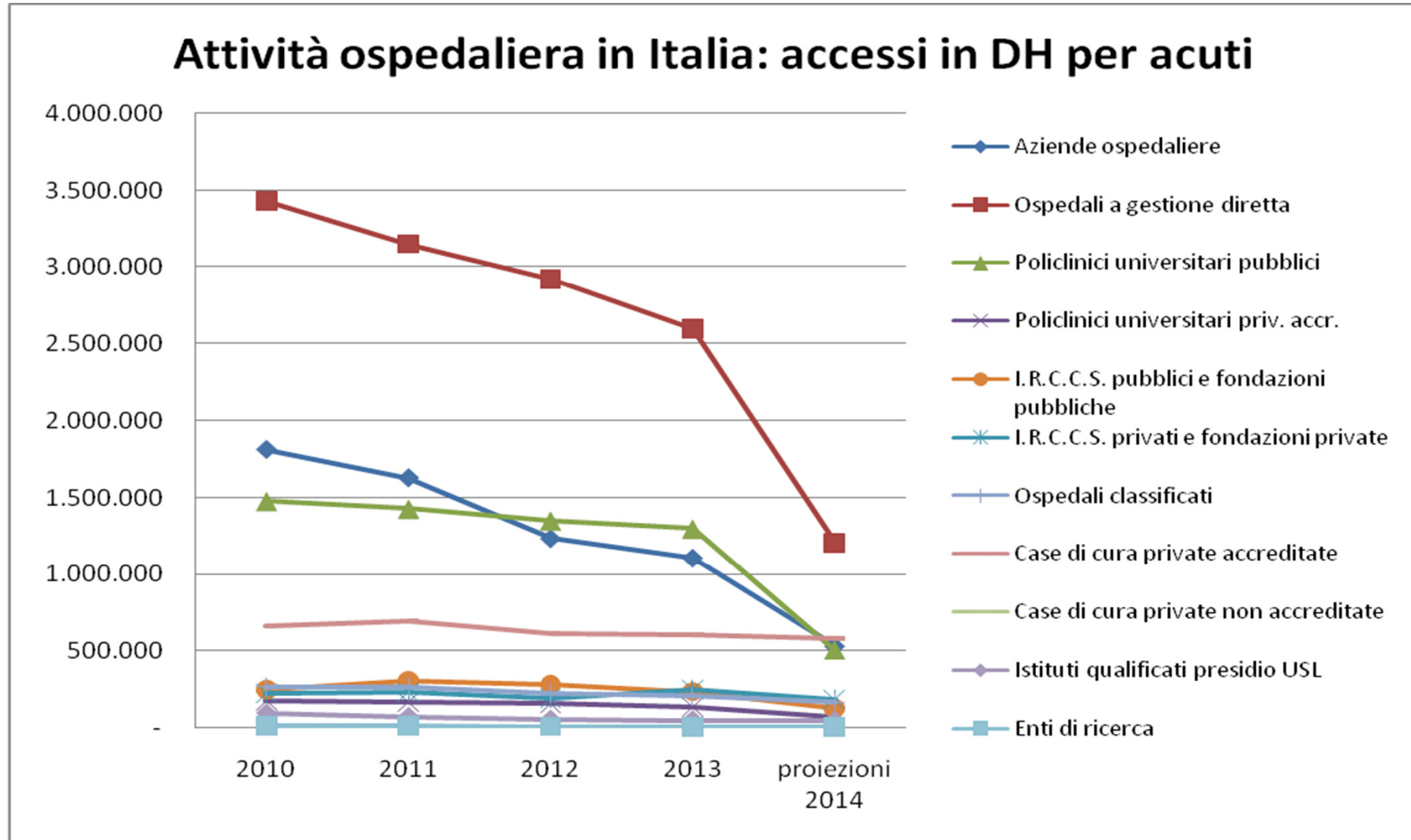
Italian Hospital Activity - from 2001 to 2014 (DISCHARGES vs HOSP.STAY)



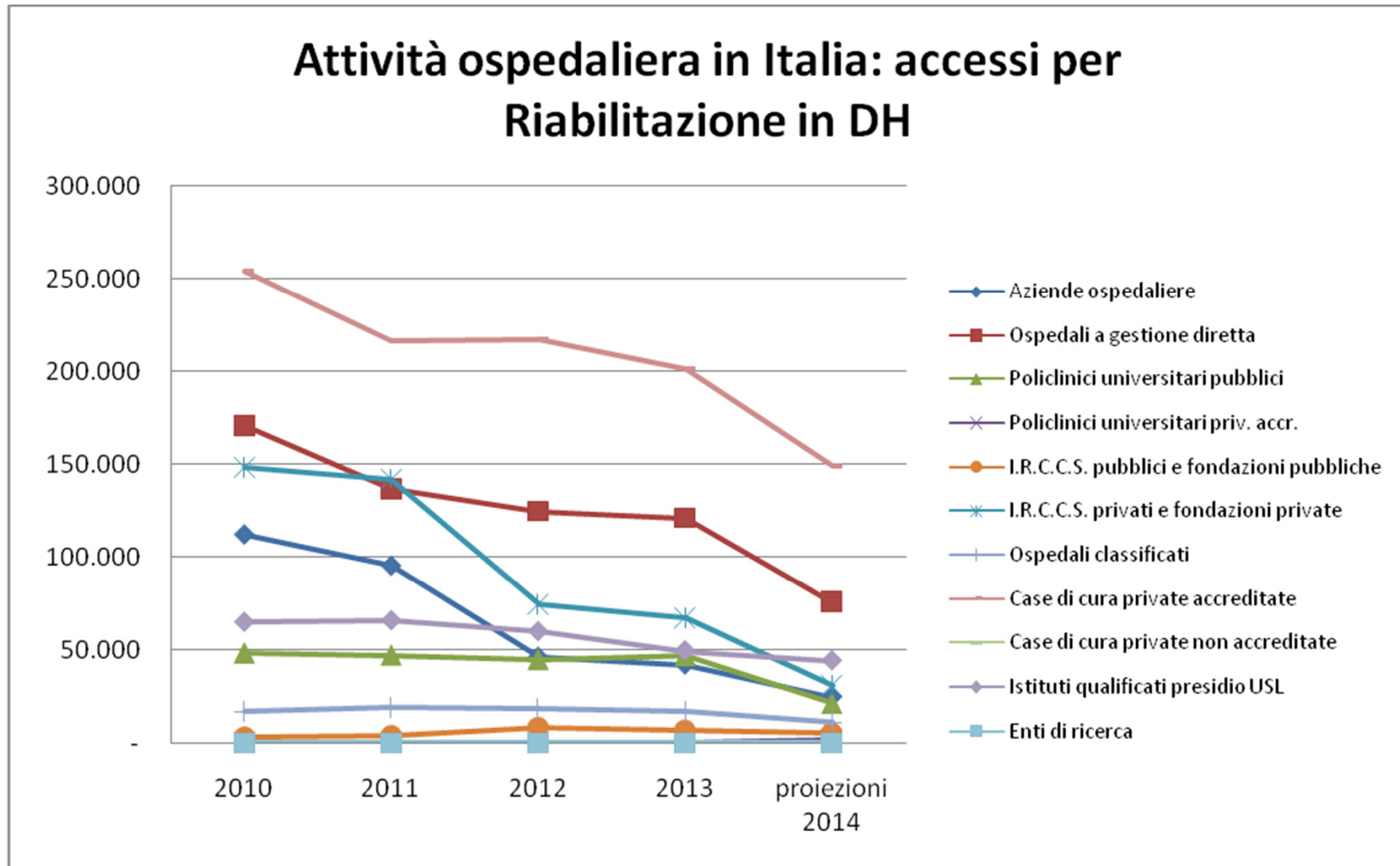
Italian Hospital Activity - from 2001 to 2014 (DAY HOSP. vs ADMISSIONS)



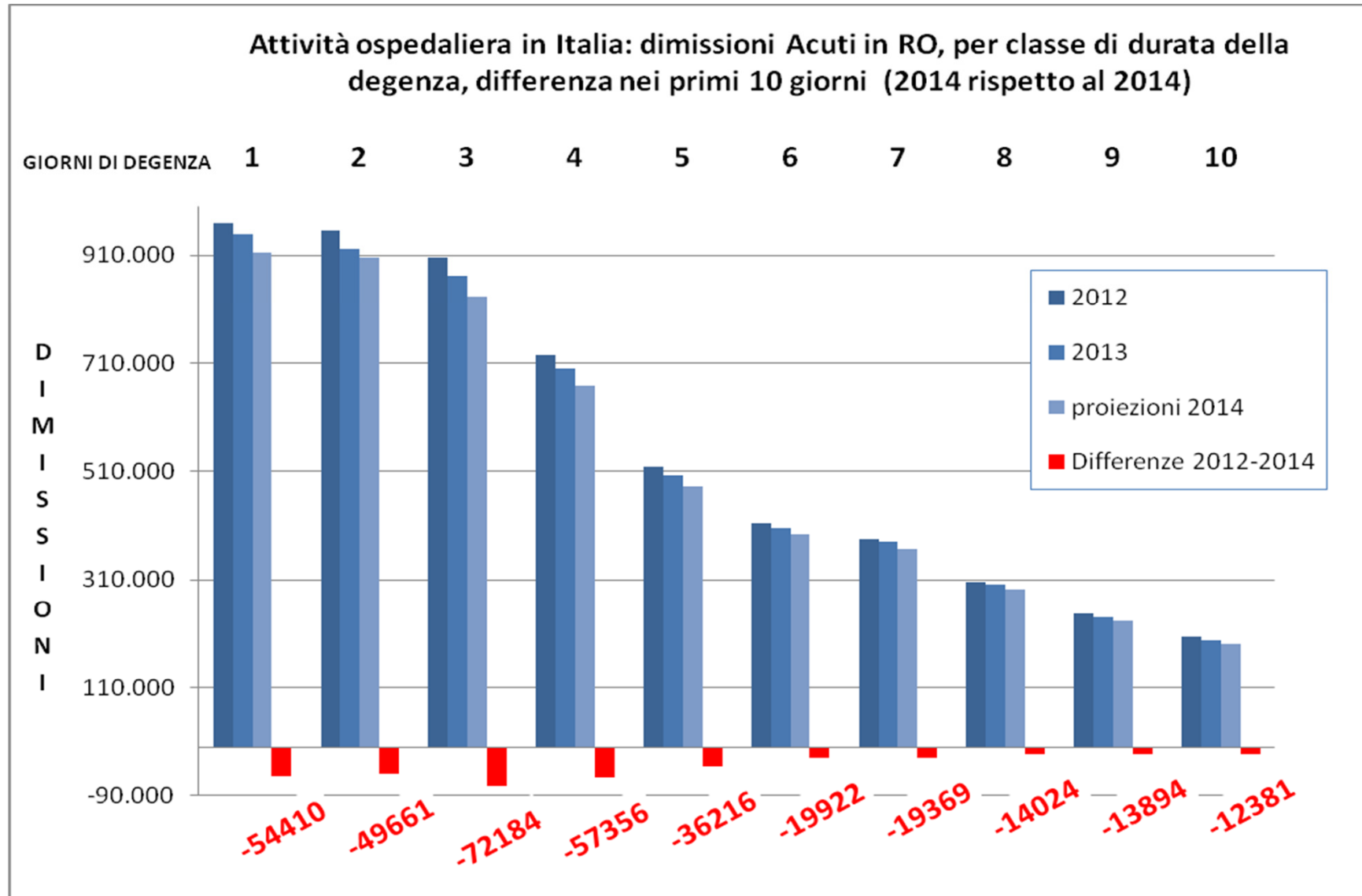
Italian Hospital Activity - from 2001 to 2014 (ACUTE DH ADMISSIONS)



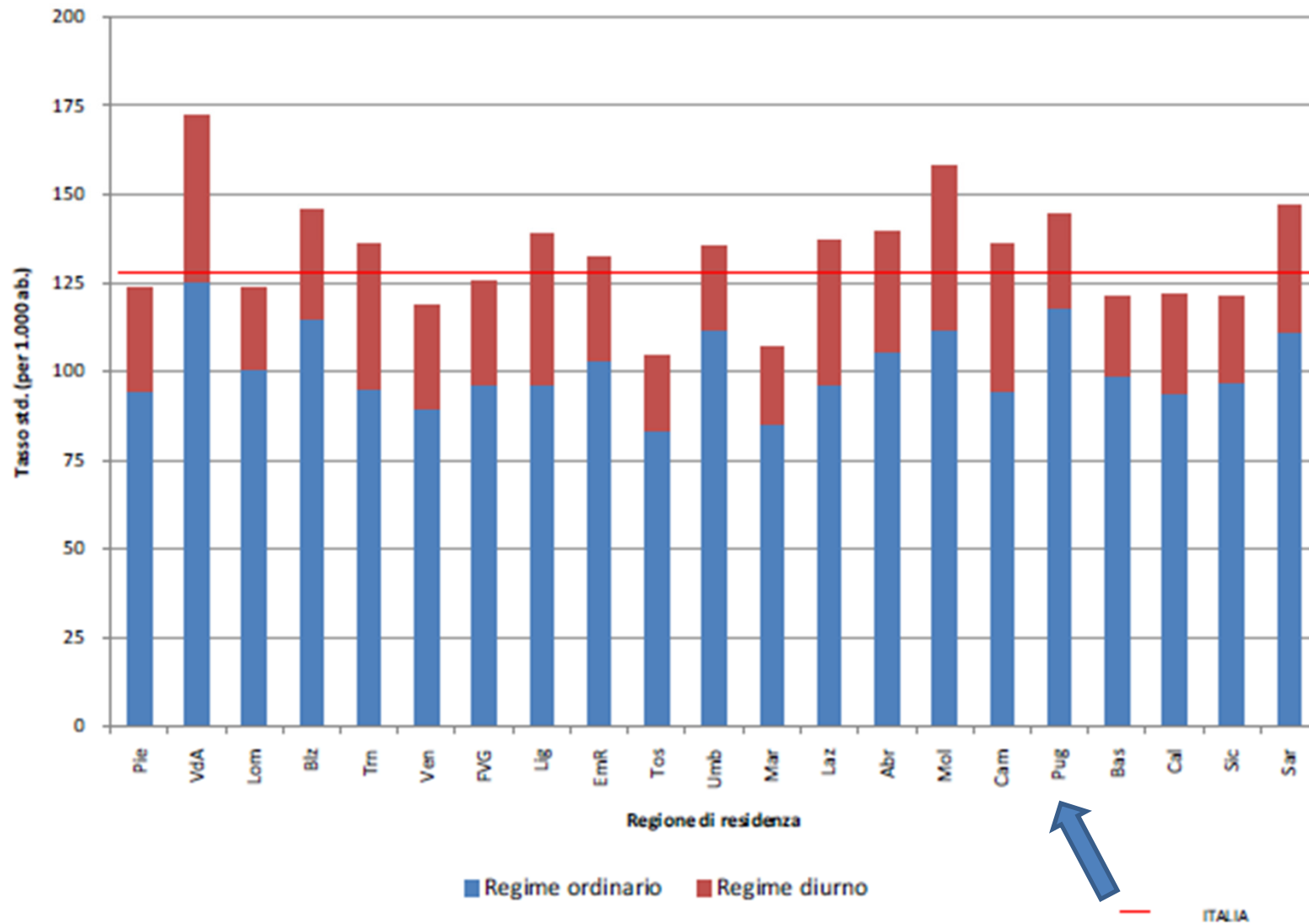
Italian Hospital Activity - from 2001 to 2014 (REABLITATION DH)



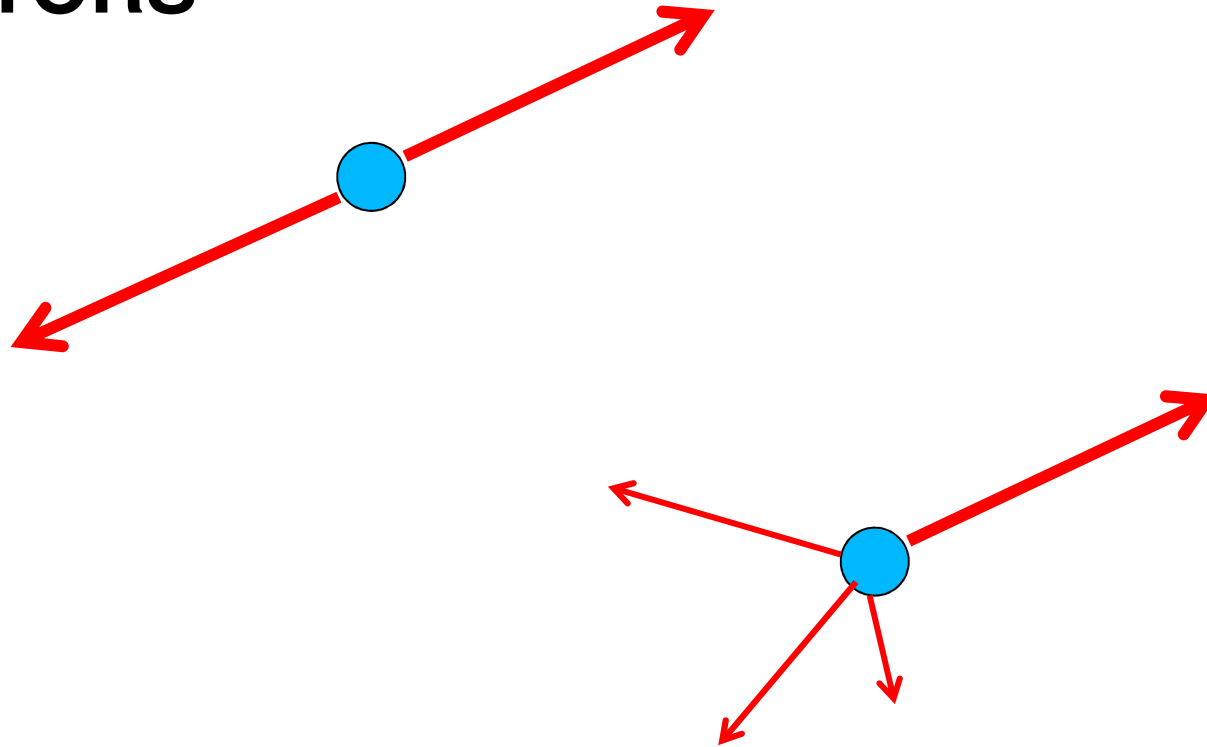
Italian Hospital Activity - from 2001 to 2014

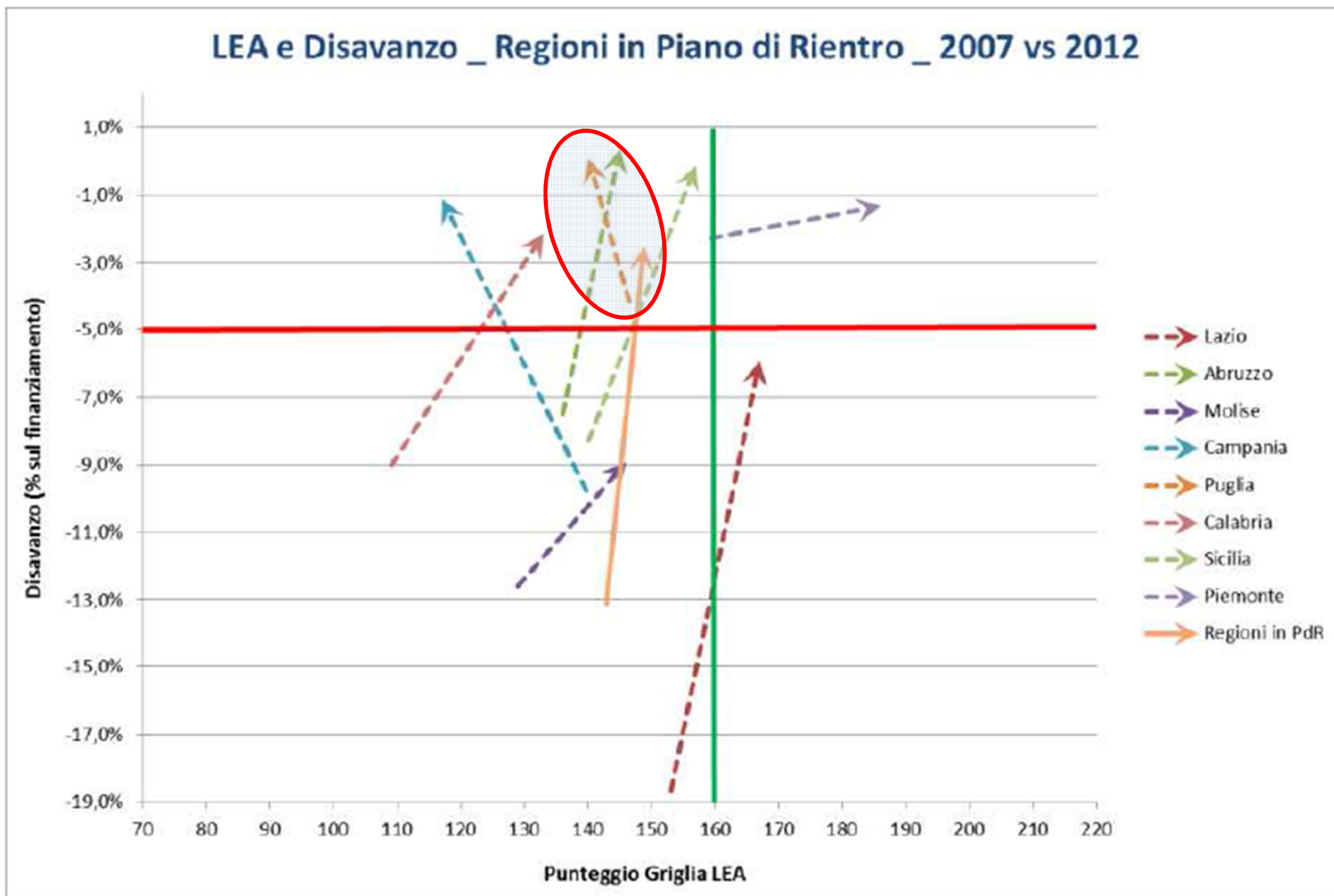


**Tasso di ospedalizzazione standardizzato per età e genere
Attività per Acuti in Regime ordinario e diurno - Primo Semestre 2014**

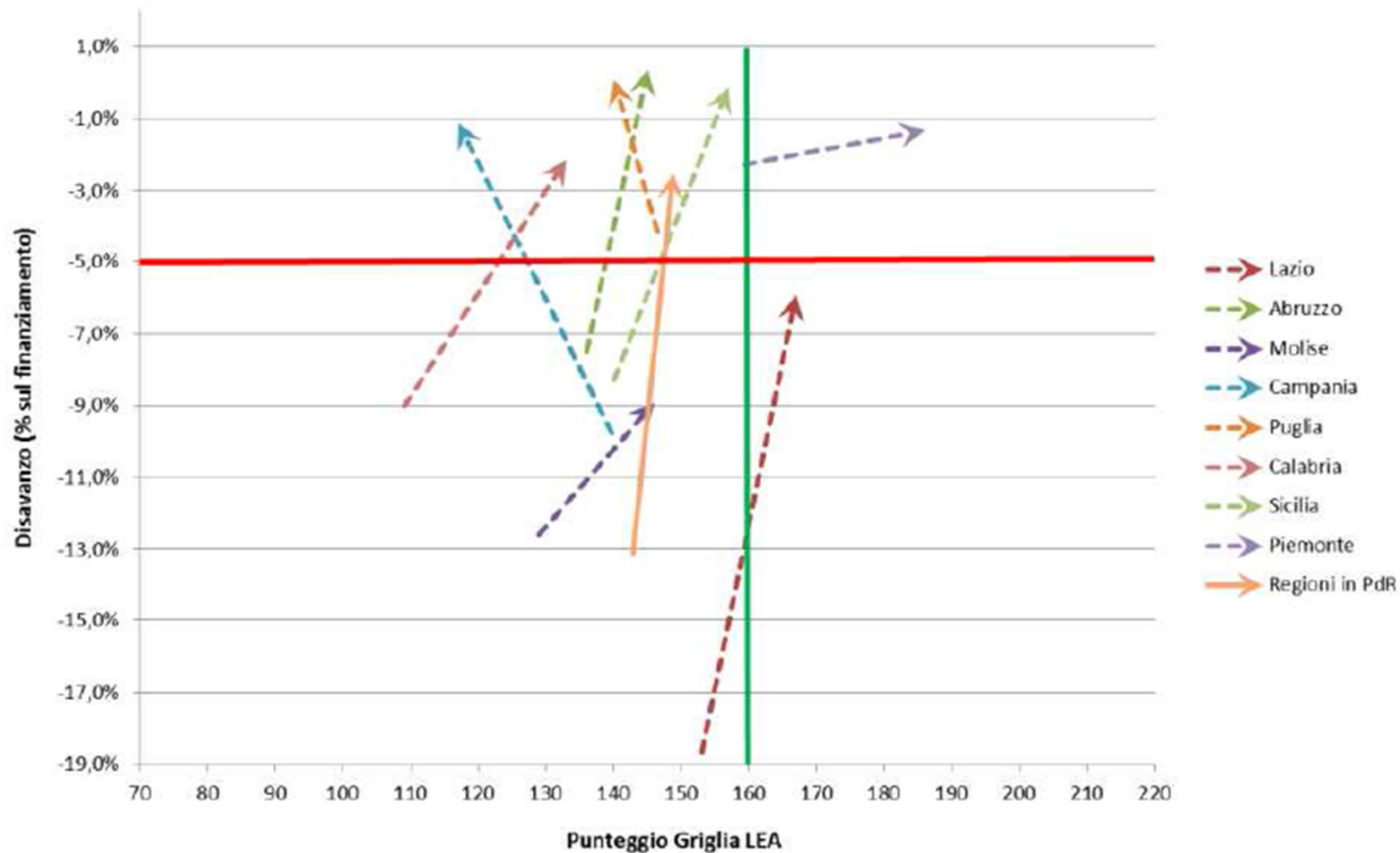


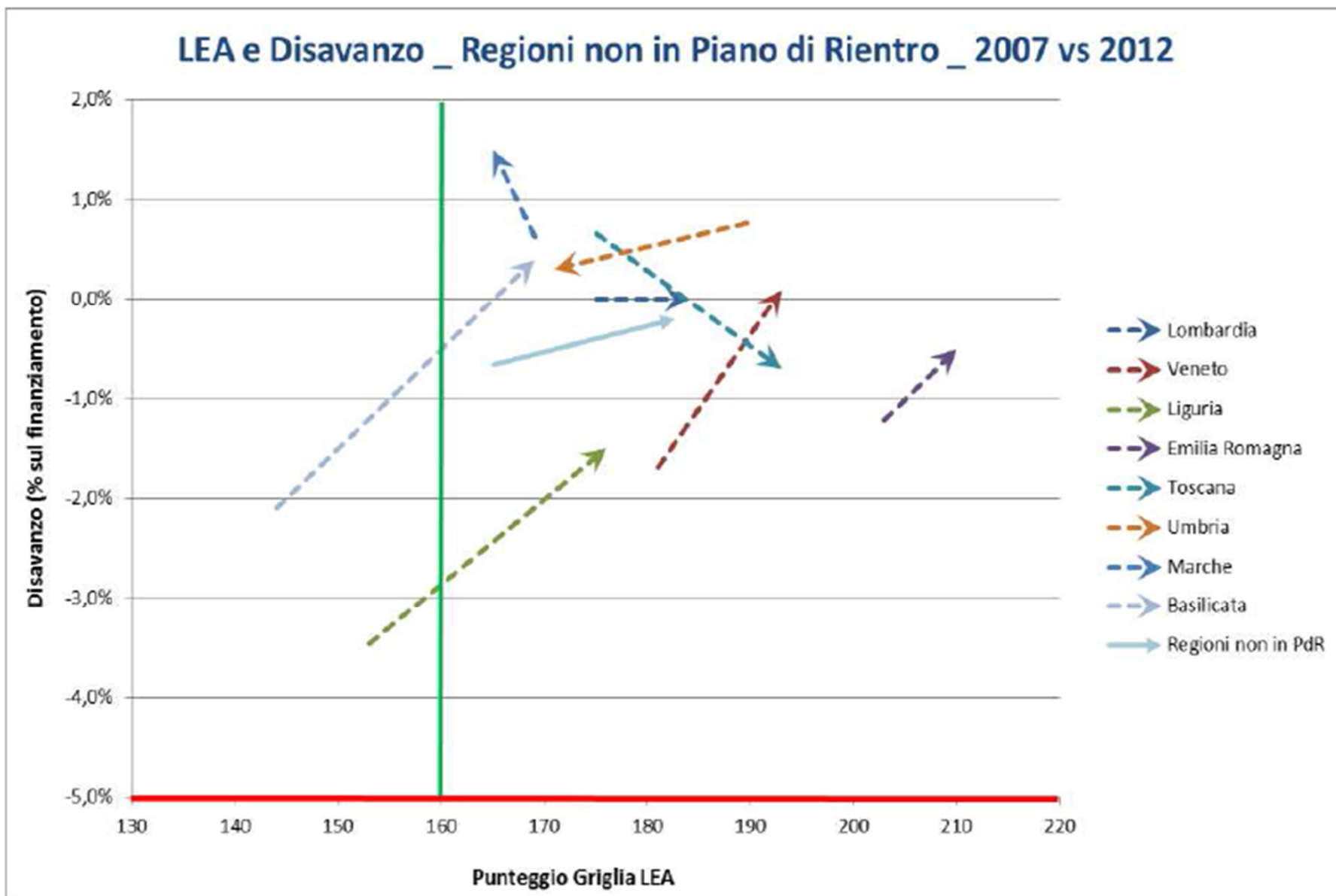
VECTORS






LEA e Disavanzo _ Regioni in Piano di Rientro _ 2007 vs 2012





COSA HA FATTO LA SIT PER FACILITARE L'EVOLUZIONE

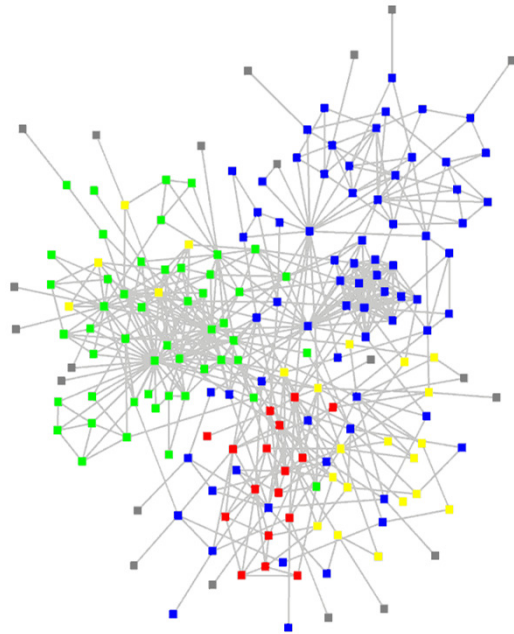
- ✓ MANIFESTO ITALIANO PER LA TELEMEDICINA
- ✓ PROPOSTA DI INSERIRE PRESTAZIONI TELEMEDICHE IN LEA (fallito nel 2009)
- ✓ LINEE DI INDIRIZZO NAZIONALI SULLA TELEMEDICINA (collaborazione)
- ✓ MANIFESTO SU FSE
- ✓ PUBBLICAZIONE “Verso il FSE: elementi di riflessione”
- ✓ TMEPG (gruppo di europrogettazione)
- ✓ CONSULTAZIONI SCIENTIFICO-TECNICHE NAZIONALI PER L'INNOVAZIONE TECNOLOGICA IN SANITA' (meeting con Società Scientifiche)
- ✓ RACCOMANDAZIONI CIVICHE SULLA TELEMEDICINA (collaborazione con Cittadinanzattiva)
- ✓ PATTO PER LA SANITA' DIGITALE (collaborazione)



**MESSA A
SISTEMA
DELLA
TELEMEDICINA
????**

COME SI COSTRUISCE UN SERVIZIO DI CHIRURGIA TELEMATICA ?

- ❑ EVITANDO ERRORI CONCETTUALI
 - farlo solo perché si risparmia
 - inserire tecnologie senza ristrutturare i processi di cura e assistenza
 - partire dalle tecnologie senza vedere prima i reali bisogni
 - arrangiarsi
- ❑ ANALISI SCIENTIFICHE DEI BISOGNI DEI PAZIENTI
- ❑ ANALISI TECNICHE DELLE NECESSITA' DI SERVIZIO DEI SANITARI
- ❑ UTILIZZARE ESPERIENZE POSITIVE DI ALTRI SENZA RIPARTIRE DA ZERO
- ❑ PROGETTAZIONE
- ❑ CAMBIAMENTO ORGANIZZATIVO
- ❑ VERIFICA OGGETTIVA DEI RISULTATI



THANKS !

Francesco Gabrielli

E-mail : fra.gabrielli@tin.it