

Clinical trials in Finland



Top European institutions in clinical medicine


21 May 2009

Data provided by Thomson Reuters' Essential Science Indicators database, 1 January 1998-31 December 2008

Rank in Europe	Rank in world	Journal	Papers	Citations per paper	Citations
1	20	Erasmus University Rotterdam	7,108	166,015	23.36
2	25	University of Cambridge	4,795	107,088	22.33
3	26	University of Oxford	6,706	149,545	22.30
4	31	University of Glasgow	4,908	104,245	21.24
5	40	University of Helsinki	10,169	206,196	20.28
6	50	Imperial College London	7,550	145,914	19.33
7	59	University of Amsterdam	8,123	150,269	18.50
8	60	Karolinska Institute	12,787	236,174	18.47
9	61	Humboldt University of Berlin	6,097	112,420	18.44
10	62	Leiden University	8,150	149,851	18.39
11	68	University College London	16,761	302,182	18.03
12	77	Uppsala University	6,327	105,962	16.75
13	79	University of Milan	8,722	145,331	16.66
14	80	Utrecht University	8,418	137,602	16.35
15	81	Aarhus University	6,340	103,629	16.35
16	82	University of Vienna	8,579	140,063	16.33
17	84	King's College London	8,359	136,382	16.32
18	85	Maastricht University	6,247	100,910	16.15
19	88	University of Zurich	8,638	137,050	15.87
20	89	Lund University	8,041	127,533	15.86

The data above were extracted from the Essential Science Indicators database of Thomson Reuters. This database, currently covering the period January 1998 through December 2008, surveys only

**NATIONAL RANKINGS IN CLINICAL MEDICINE
1997-2007
BASED ON CITATIONS PER PAPER
AMONG NATIONS WITH 100,000 OR MORE CITATIONS**



Rank	Country/Territory	Papers	Citations	Citations Per Paper
1	FINLAND	22,758	386,397	16.98
2	NETHERLANDS	64,335	1,042,551	16.21
3	DENMARK	23,322	376,386	16.14
4	USA	709,347	11,326,659	15.97
5	SCOTLAND	23,774	374,017	15.73
6	CANADA	84,865	1,333,963	15.72
7	SWITZERLAND	39,837	614,622	15.43
8	BELGIUM	30,713	470,997	15.34
9	SWEDEN	46,871	713,694	15.23
10	NORWAY	15,413	230,389	14.95
11	ENGLAND	167,891	2,357,951	14.04
12	ITALY	96,432	1,235,277	12.81
13	AUSTRALIA	57,342	733,180	12.79
14	NEW ZEALAND	9,317	116,184	12.47
15	AUSTRIA	25,840	305,999	11.84
16	FRANCE	111,517	1,301,643	11.67
17	GERMANY	173,039	1,939,097	11.21
18	ISRAEL	26,400	281,564	10.67
19	SPAIN	51,135	532,146	10.41
20	JAPAN	166,775	1,591,854	9.54

The data above were extracted from Thomson Scientific's Essential Science Indicators database. This database, currently covering the period January 1997 to December 2007,

Finland 2010

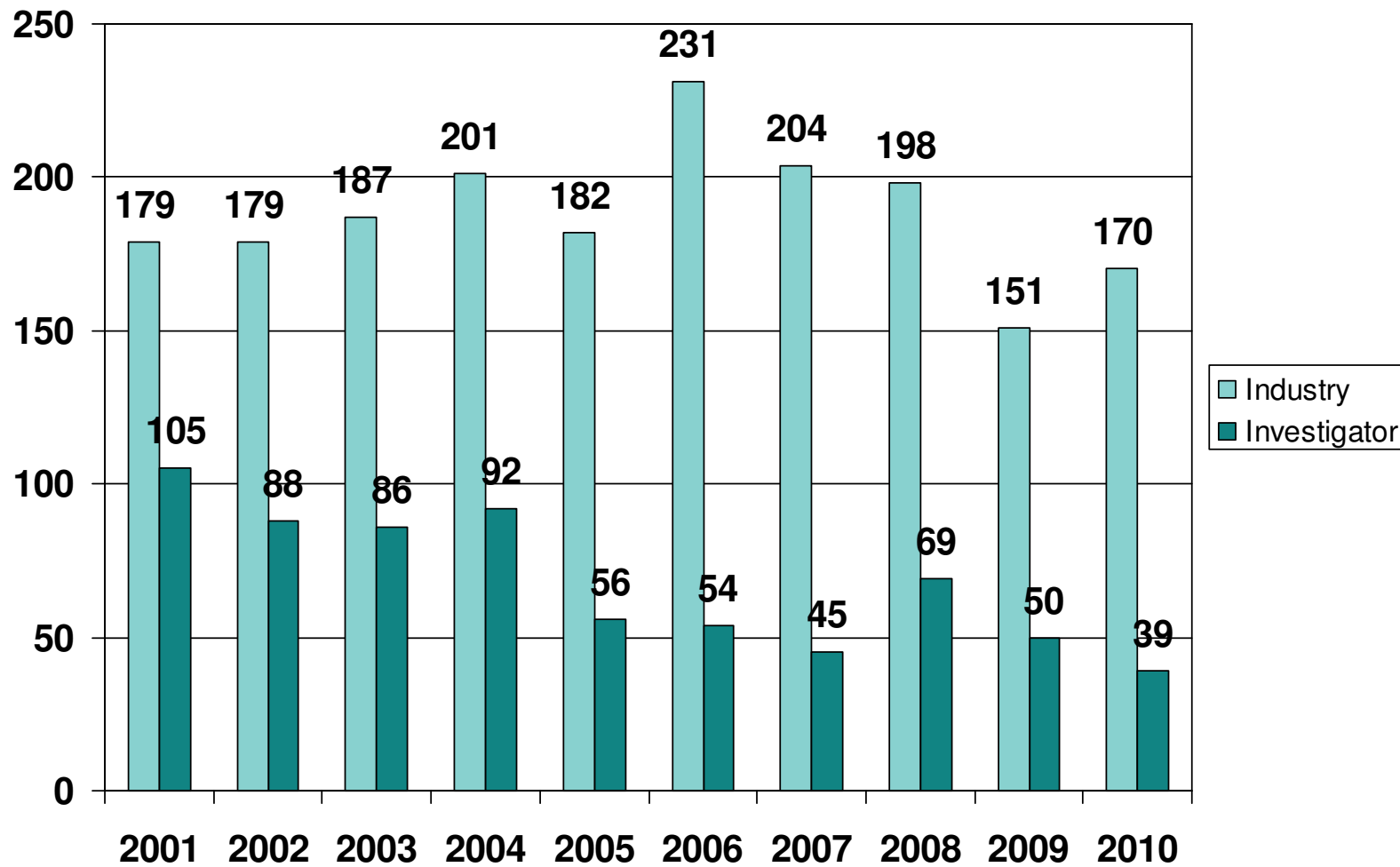
Clinical research - high-tech



29 Pharma Industry Finland companies active in clinical research

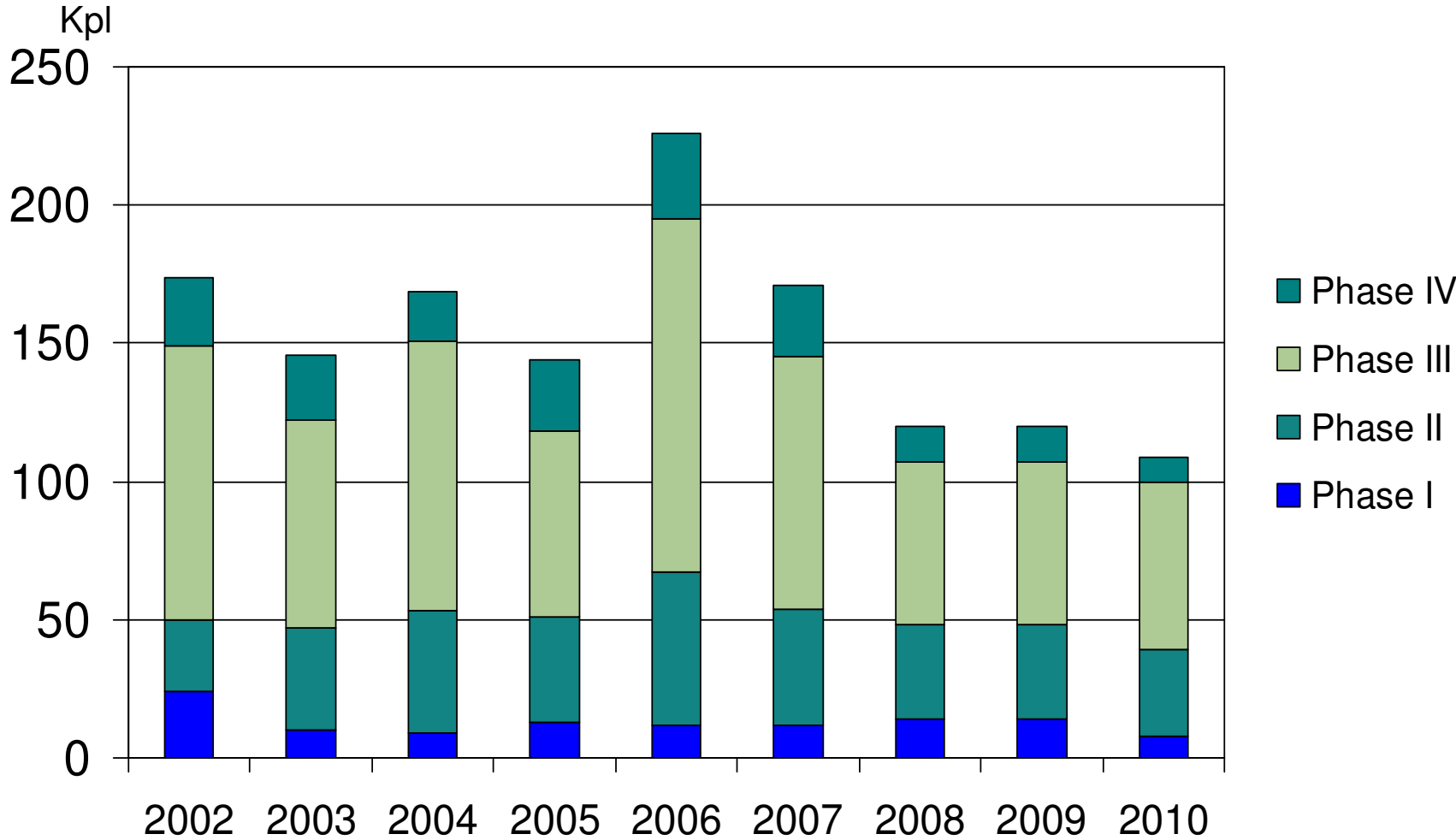
- Ongoing clinical trials 377
- Investment in clinical trials 128 milj. €
- Cost of medicines reduced by 70 milj. €
- R& D personnel 606

New clinical trials in Finland



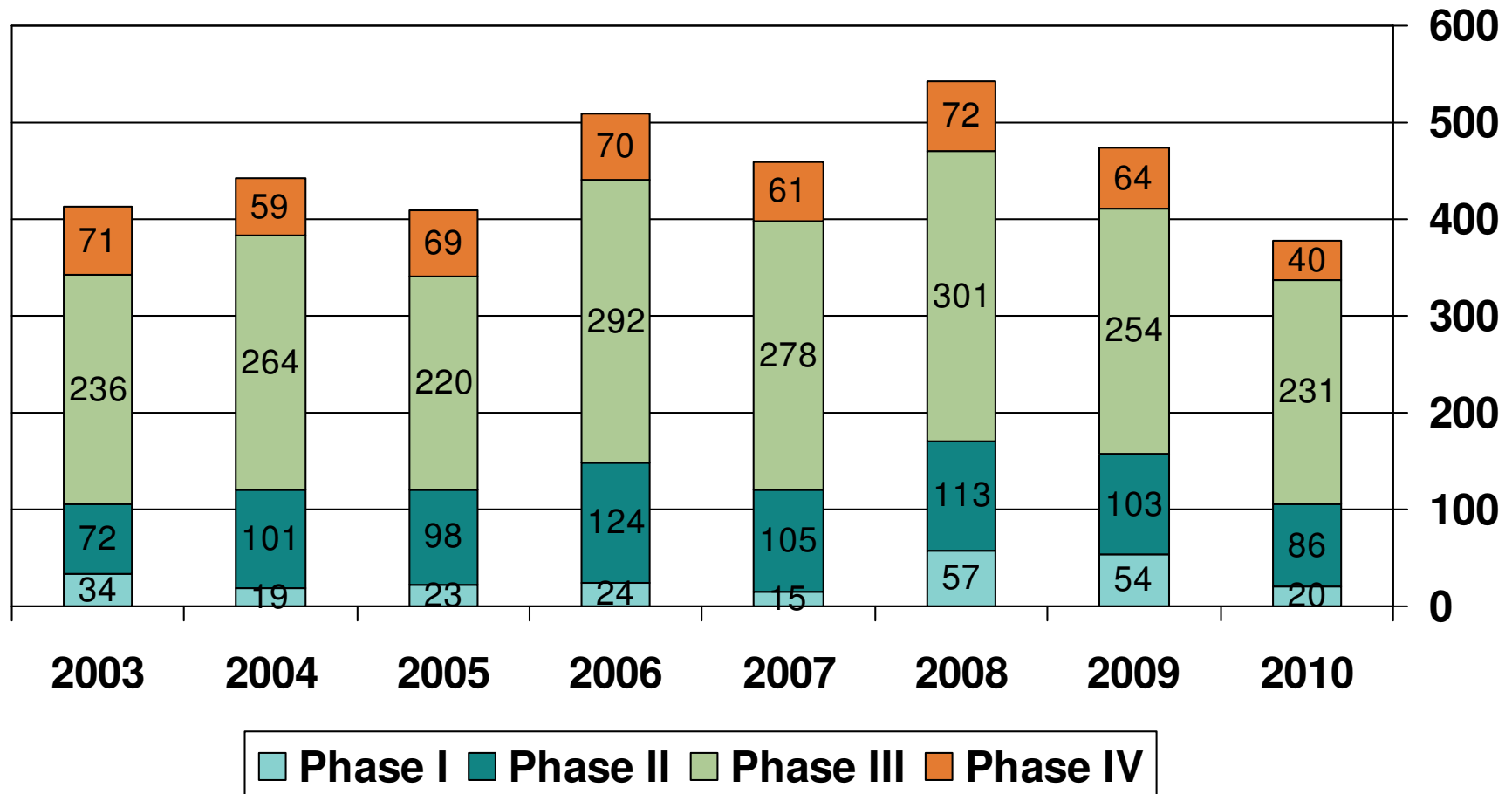
Source: Fimea 2011

Clinical trials started by members of PIF 1995-2010

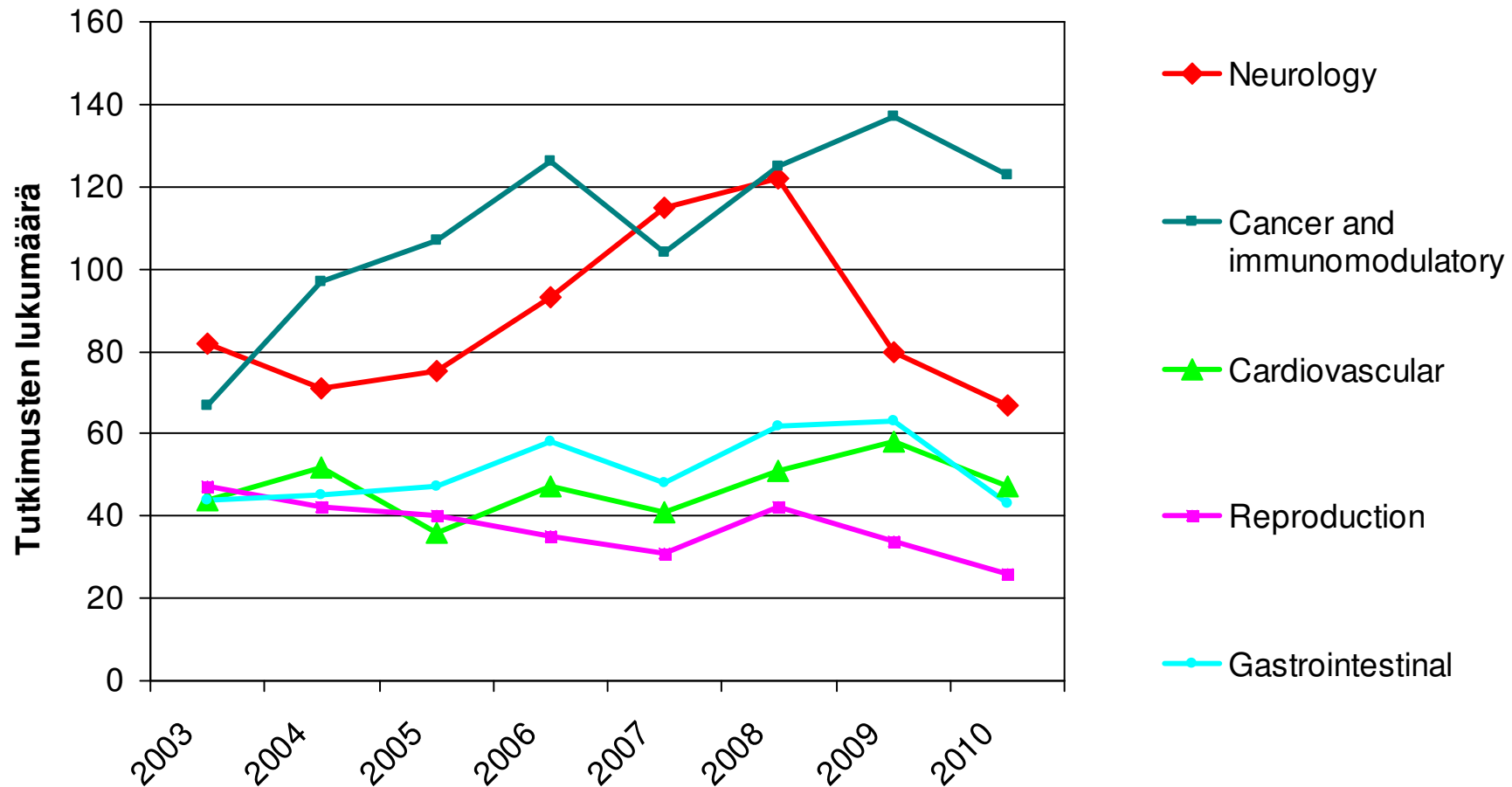


Lähde: Pharma Industry Finland 2011

Ongoing trials



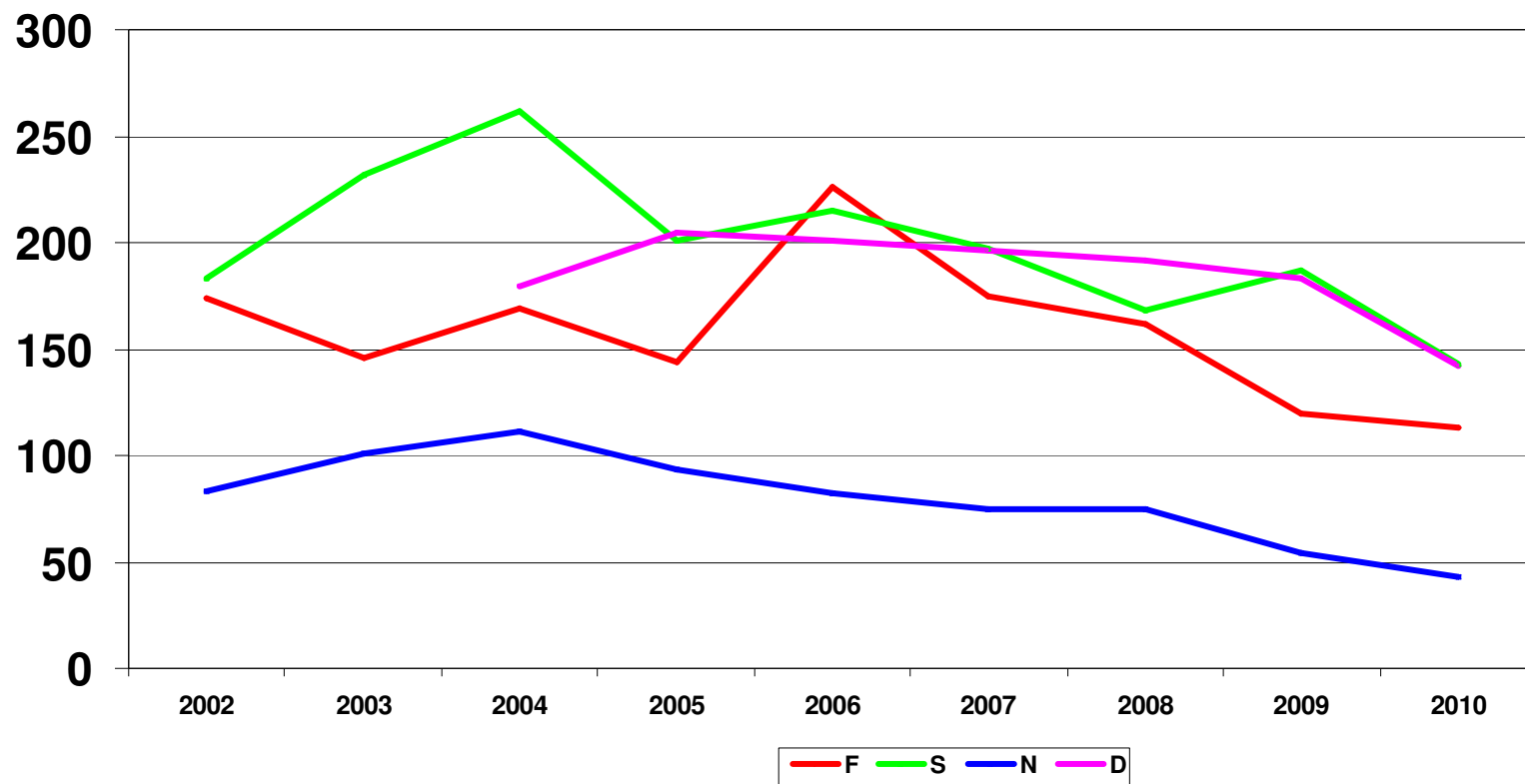
Ongoing trials by PIF members according to disease groups 2003-2010



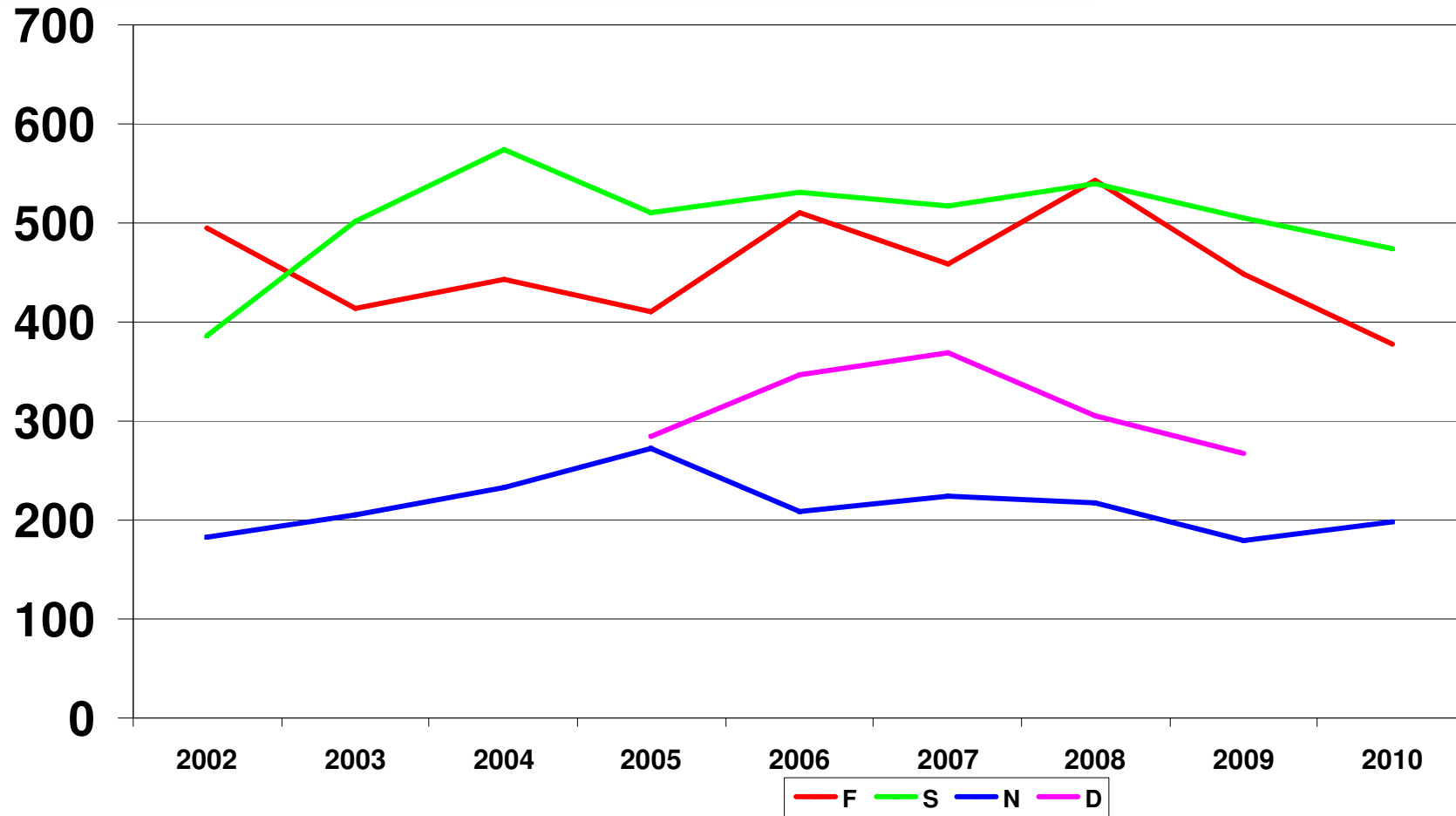
Source: Pharma Industry Finland 2011

Nordic Pharma Association Clinical trials statistics

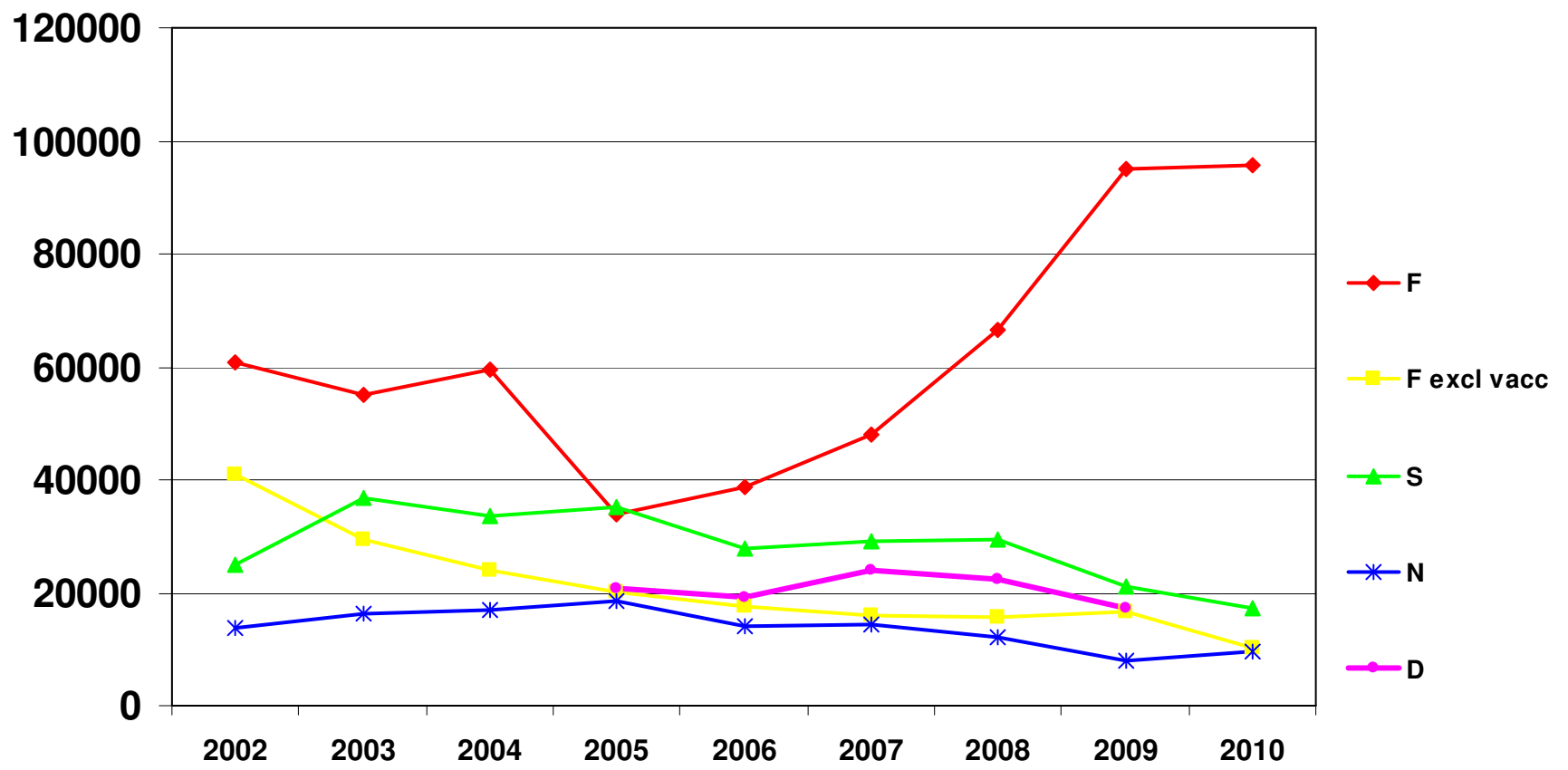
Clinical trials started in the Nordic countries by pharma industry in 2002-2010



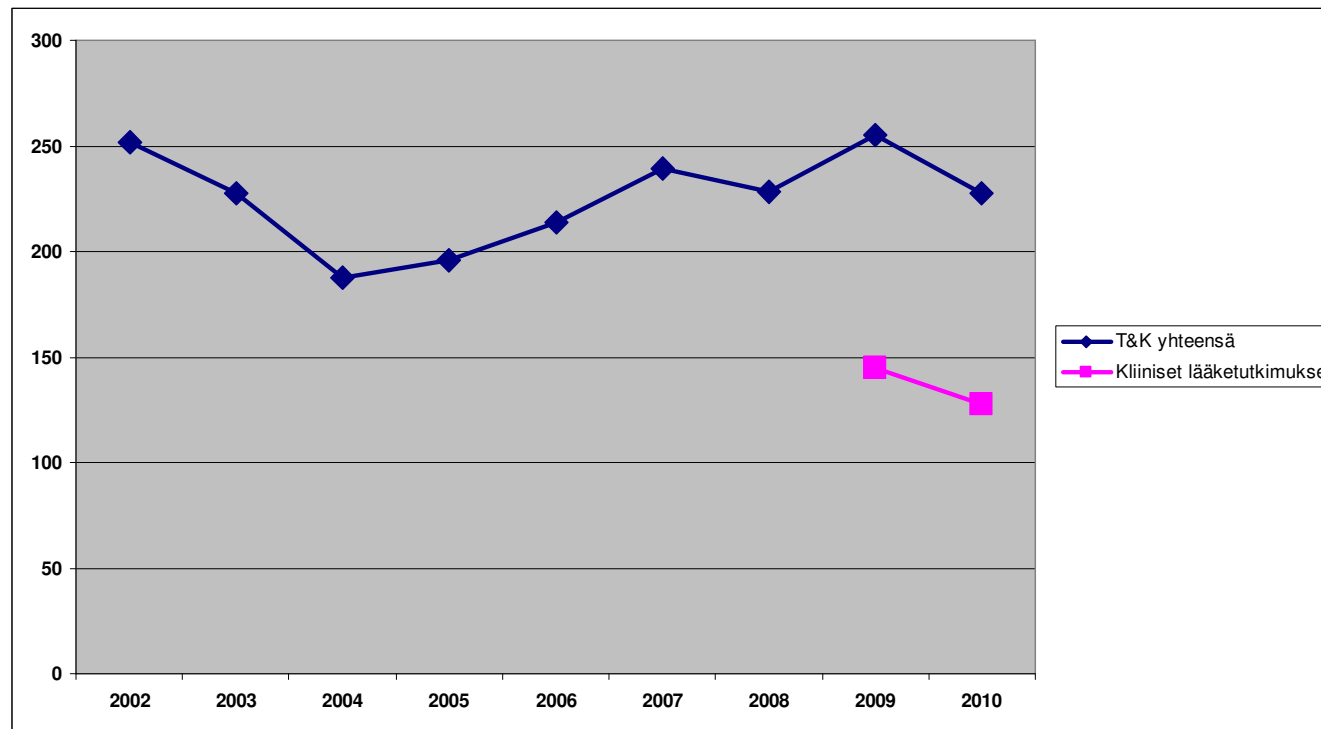
Ongoing clinical trials started in the Nordic countries by pharma industry in 2002-2010



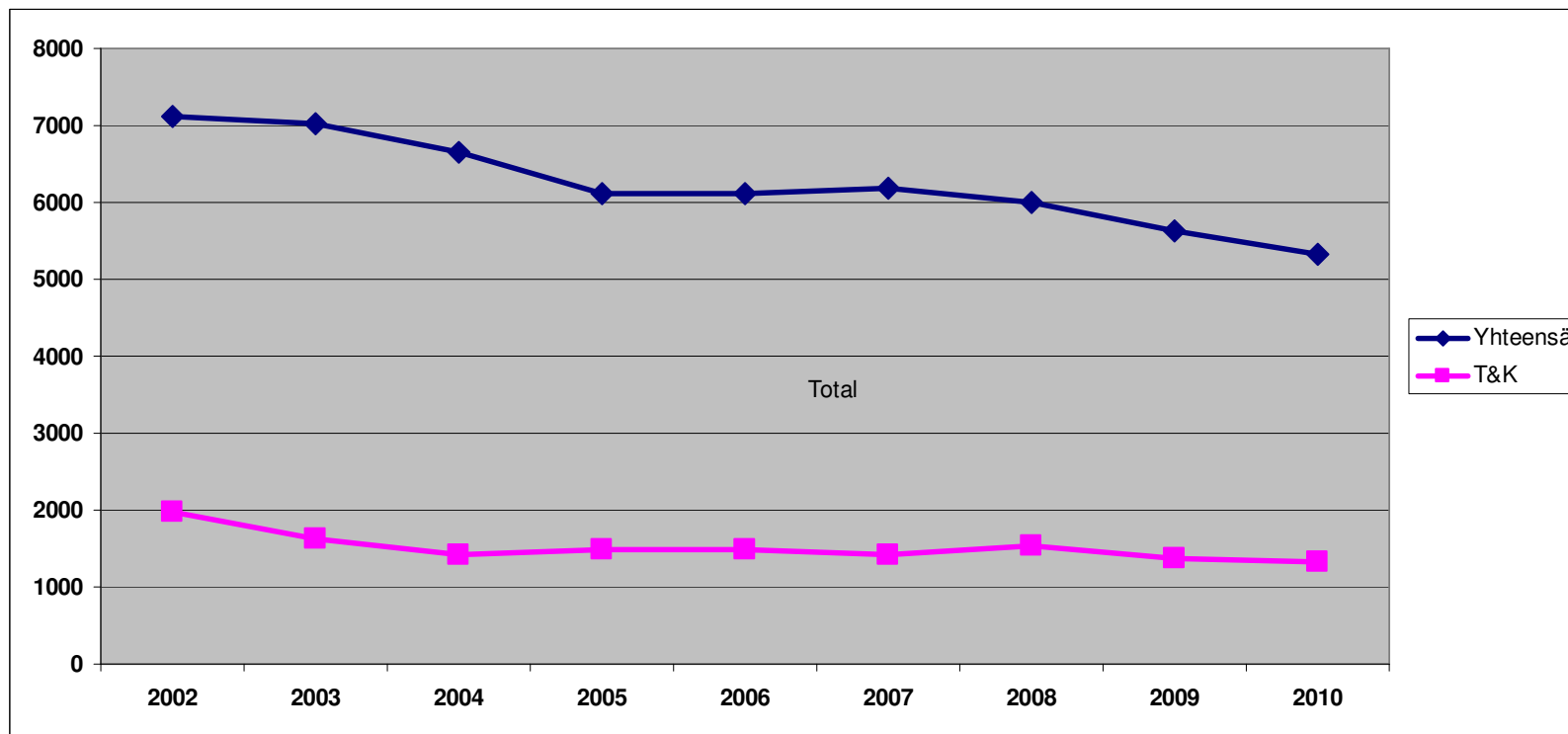
Trial subjects in the ongoing trials conducted by Pharma Industry 2002-2010



R&D and clinical trial expenditure 2002-2010, milj. €



Personnel in PIF member companies





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Clinical research - problems

FinnTrials questionnaire for industry

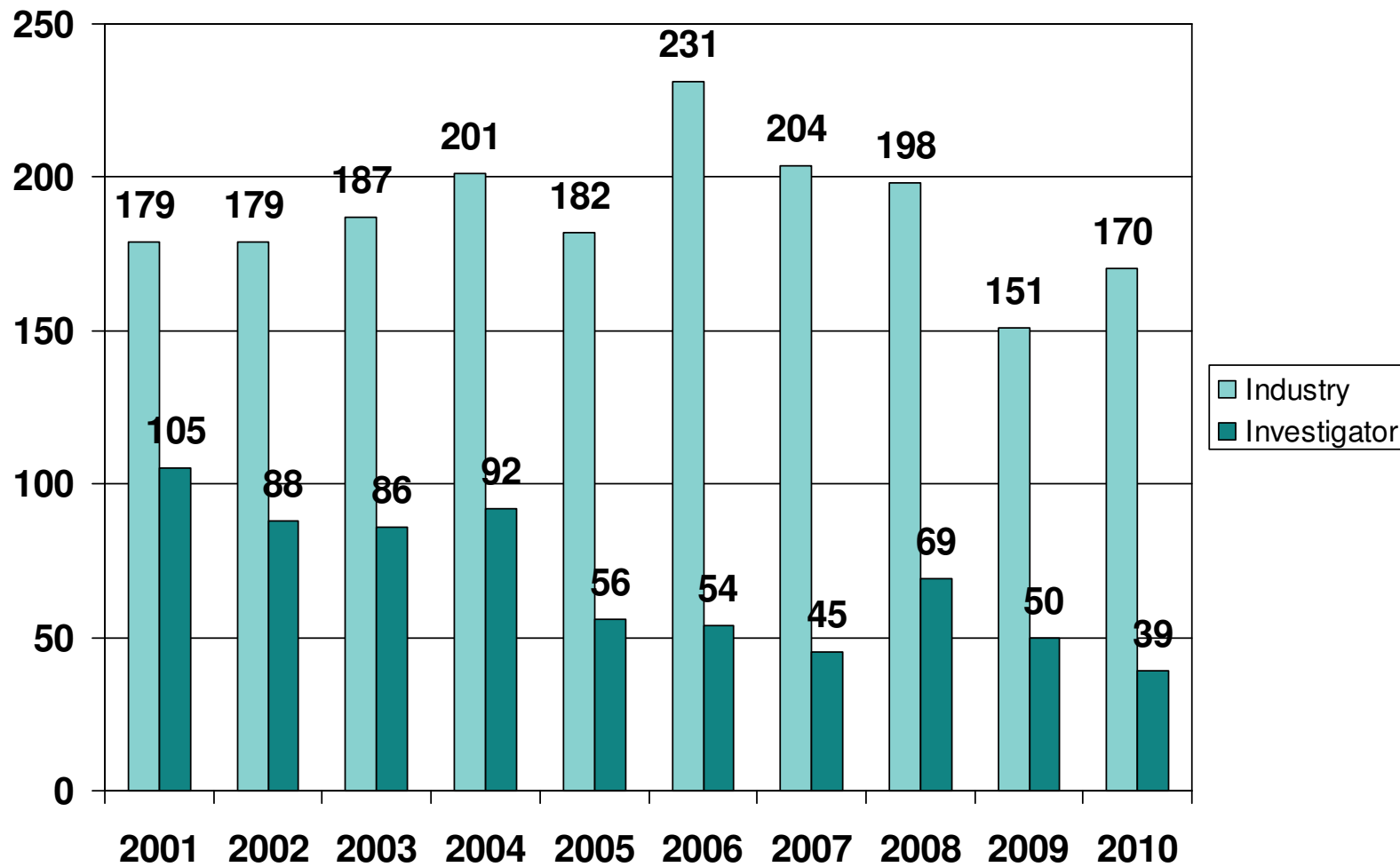
Recruitment – expected / delivered

Bureaucracy

Money

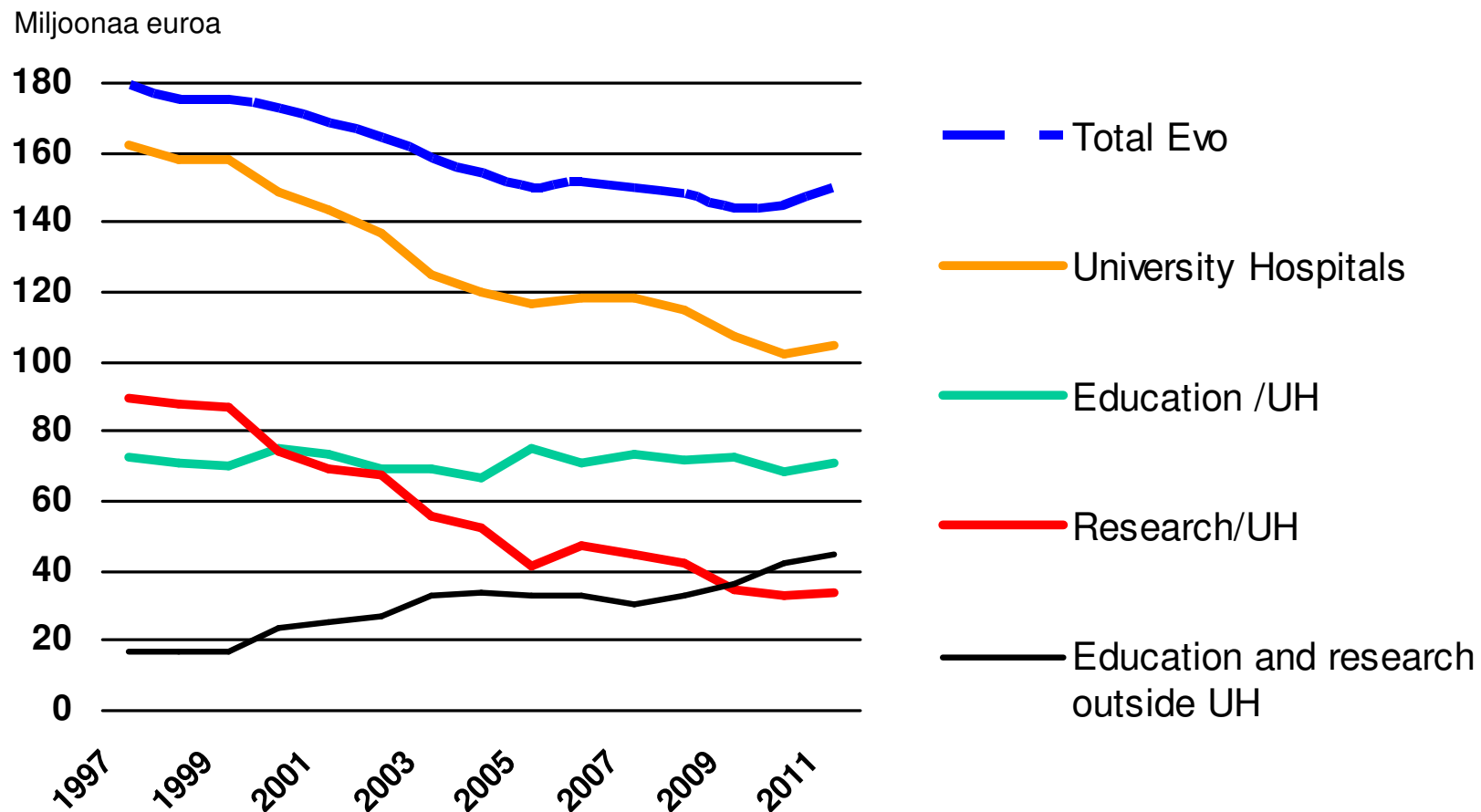
Medical Research. To Your Health.

New clinical trials in Finland

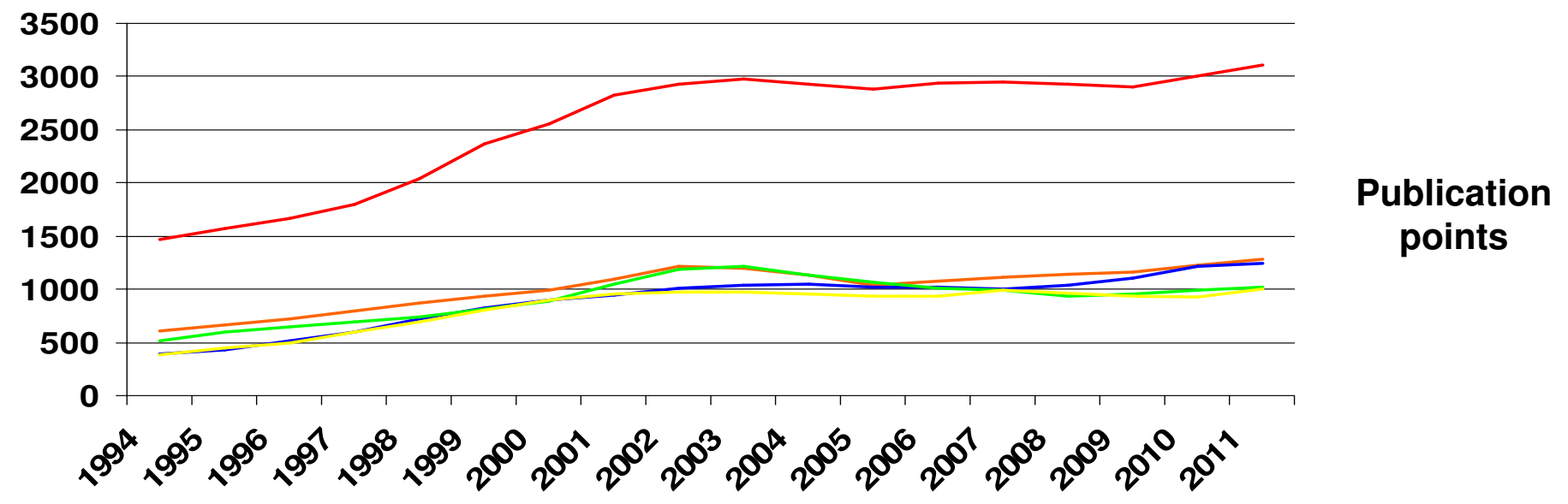
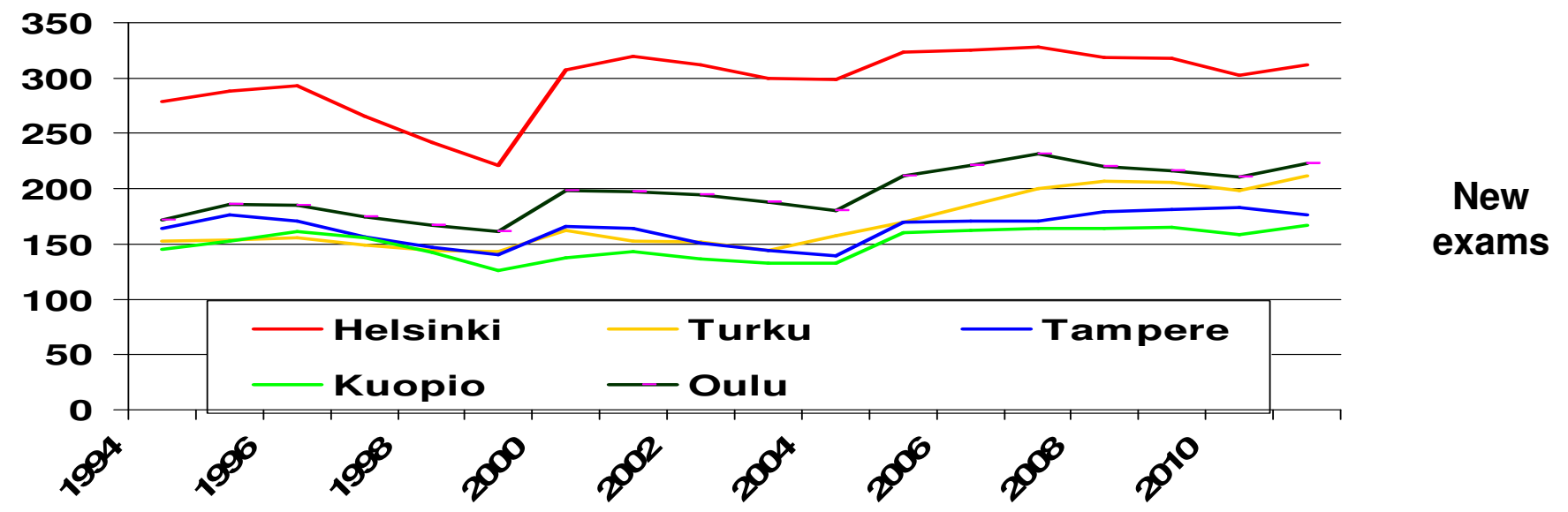


Source: Fimea 2011

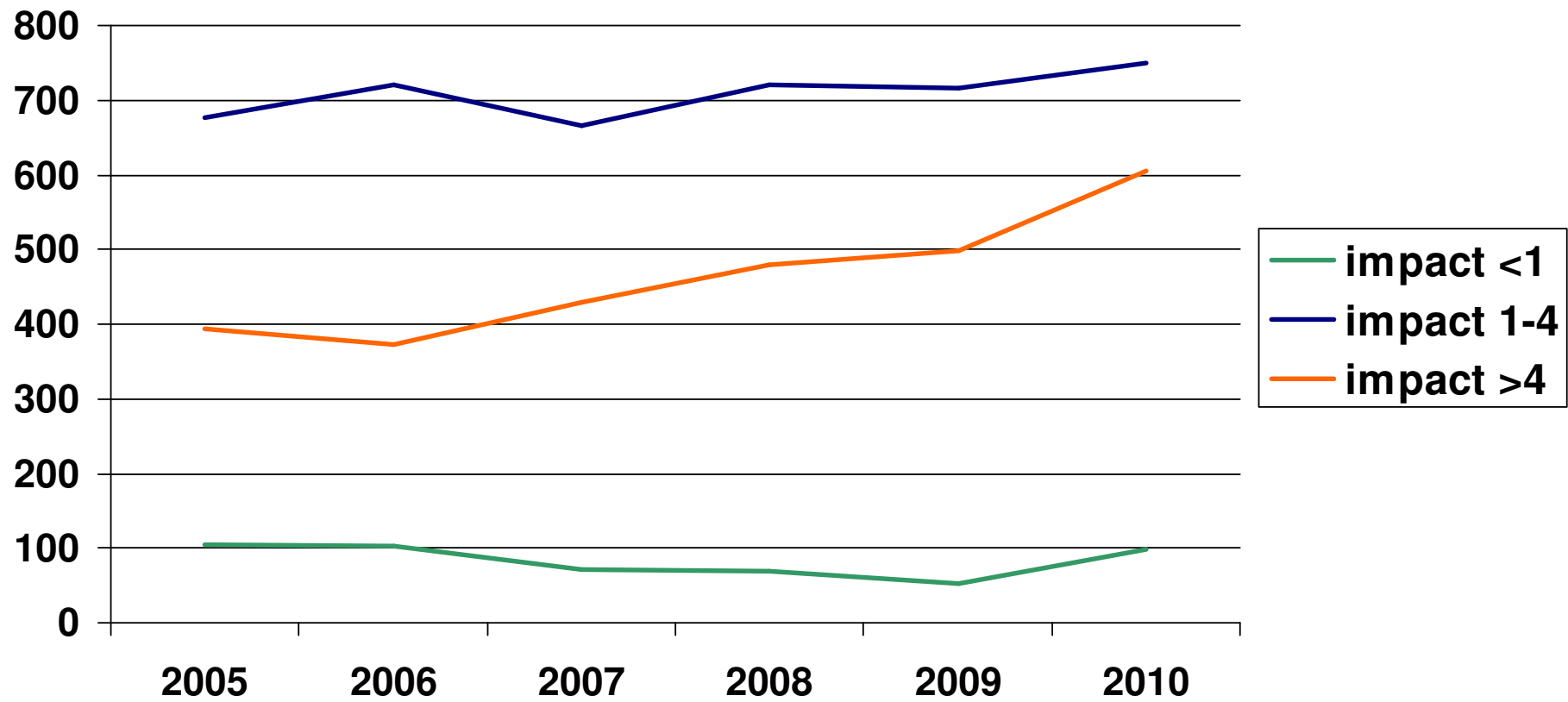
State subsidy (evo) from 1997 to 2011



Number of new M.D:s and specialists



Publications





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Clinical research - problems

FinnTrials questionnaire for researchers

Lack of protected time

Money

Bureaucracy

Recruitment – inclusion/exclusion

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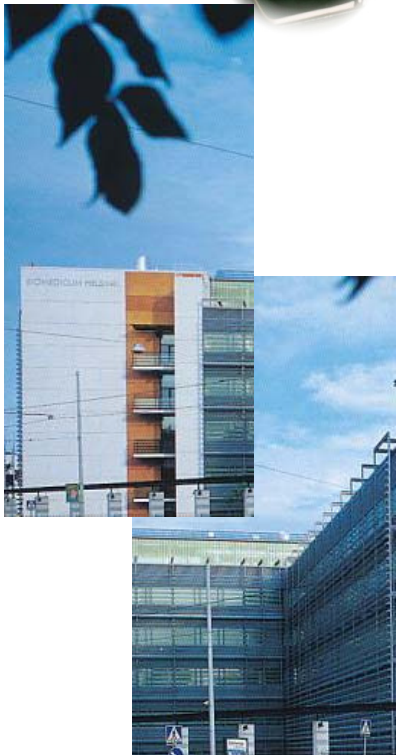
Centers of excellence

Meilahti – Biomedicum Helsinki

- Research Programs on contemporary topics
- Active and flexible recruitment policy (and funds for it) – tenure track
- Up-dated core facilities and infrastructure
- State-of-the-art technologies and equipment
- Several "basic scientist–physician scientist" pairs

FinnTrials network

- University hospitals and Central hospitals



Medical Research. To Your Health.