

Founded 1969 by the Nordic Council of Ministers

Slideshow 2015

Scandiatransplant activities

Slide presentation of Scandiatransplant activities 2015	
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Pancreas transplantation	Slide 45

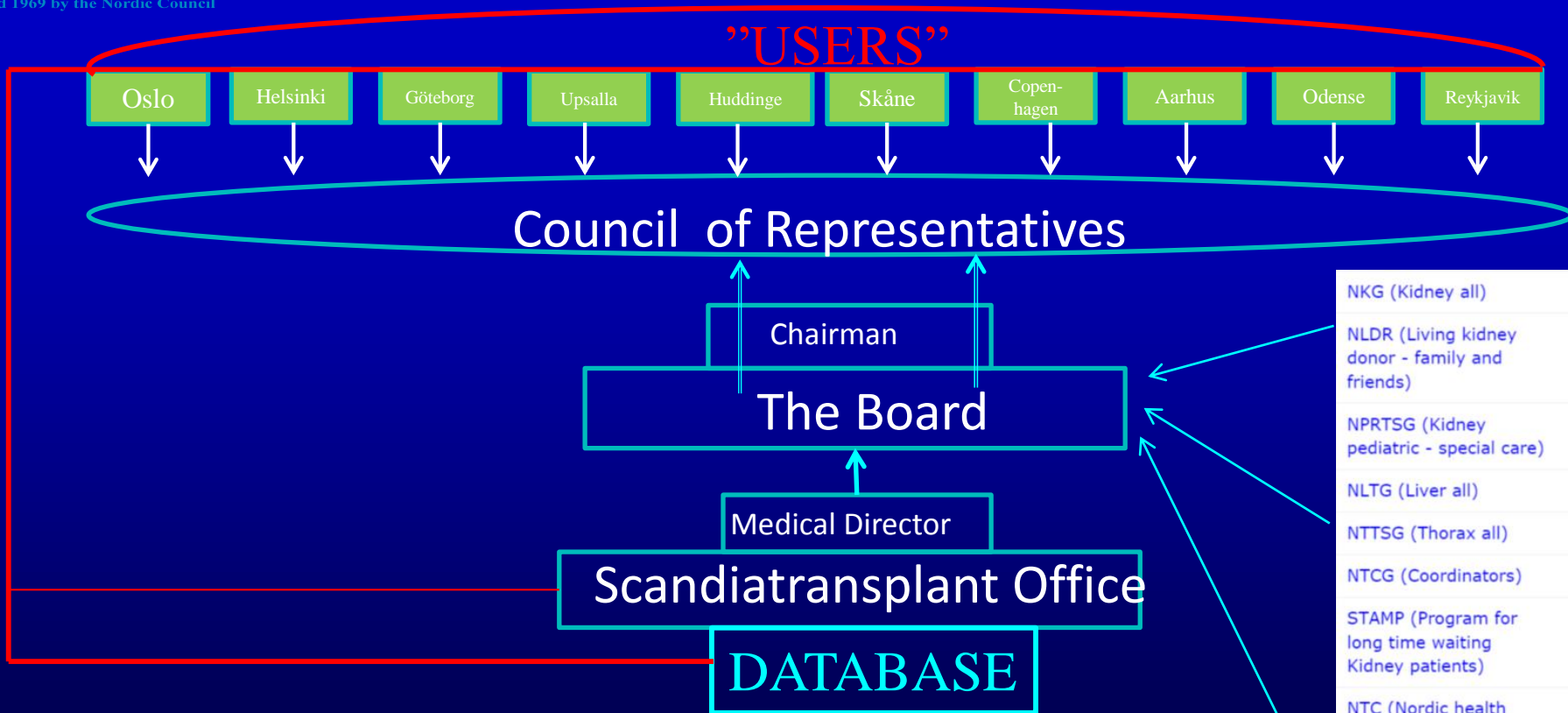
Scandiatransplant

- Scandiatransplant is the organ exchange organization for the Nordic countries Denmark, Finland, Iceland, Norway and Sweden. It covers a population of about 26,6 million inhabitants. It is owned by the ten hospitals performing organ transplantation in these countries. The office is located at Aarhus University Hospital, Denmark.

Purpose of Scandiatransplant

- Effect the exchange of organs and tissue
- Operate a database and communicate information
- Promote the provision of human organs and tissue for transplantation
- Support scientific activities
- Cooperate with national competent authorities, EU, and other transplantation organisations

Scandiatriansplant organisation



- NKG (Kidney all)
- NLDR (Living kidney donor - family and friends)
- NPRTSG (Kidney pediatric - special care)
- NLTG (Liver all)
- NTTSG (Thorax all)
- NTCG (Coordinators)
- STAMP (Program for long time waiting Kidney patients)
- NTC (Nordic health authorities)
- STTG (Tissue Typer)
- Prevention of transmission of infections
- NnTG (Pancreas and Islet)

Awarded Grants in 2015

Research Grants

- *Comparison of HLA antibody testing methods in highly sensitized patients.* Principal investigator: Taina Jaatinen. 20,000 €
- *Priority for urgency in lung transplantation – Scandiatransplant Urgent Call compared to Lung Allocation Score.* Principal investigator: Hans Henrik Schultz. 20,000 €

Travel Grant

- Hildigunur Fridjónsdóttir: 10,000 DDK.
- Sif Hansdottir: 4,600 DDK .
- Thodis Hrafnkelsdottir: 1050 €
- Carola Schaumman of behalf of the coordinators: 3050 €

Scandiatransplant Office Activities 2015

- Launched all facilities in the new YASWA user interface and closed for access through the old (SSH) interface.
- Educated users and complied with demands from users, owners, researchers and the public.
- Arranged meetings for groups, committees, board and council of representatives. Participated in revising the articles of Scandiatransplant.
- Participated in meetings with Nordic competent authorities, EU-commission and EU projects.
- Taking care of finance and personnel.

Figures for 2015



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Organ procurement and transplantation activities in Scandiatriansplant

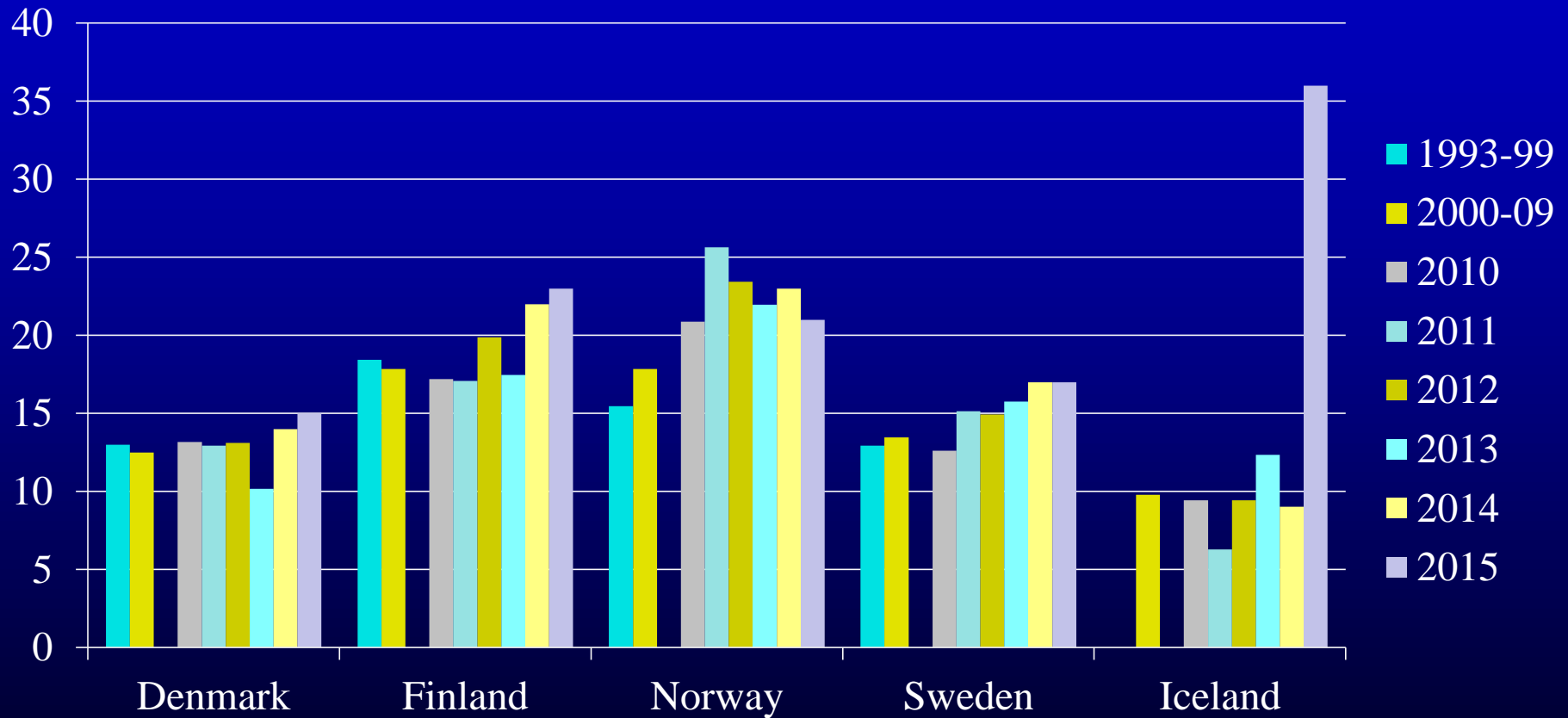
Scandiatransplant 2015

- 500 Utilized deceased donors (18,77 pmp)
- Organ transplants performed
 - 1204 kidneys (335 were living related)*
 - 401 livers (5 were living related – 2 were domino)*
 - 154 hearts (0 were domino)*
 - 141 lungs including heart/lung*
- 2402 patients on waiting list at end 2015

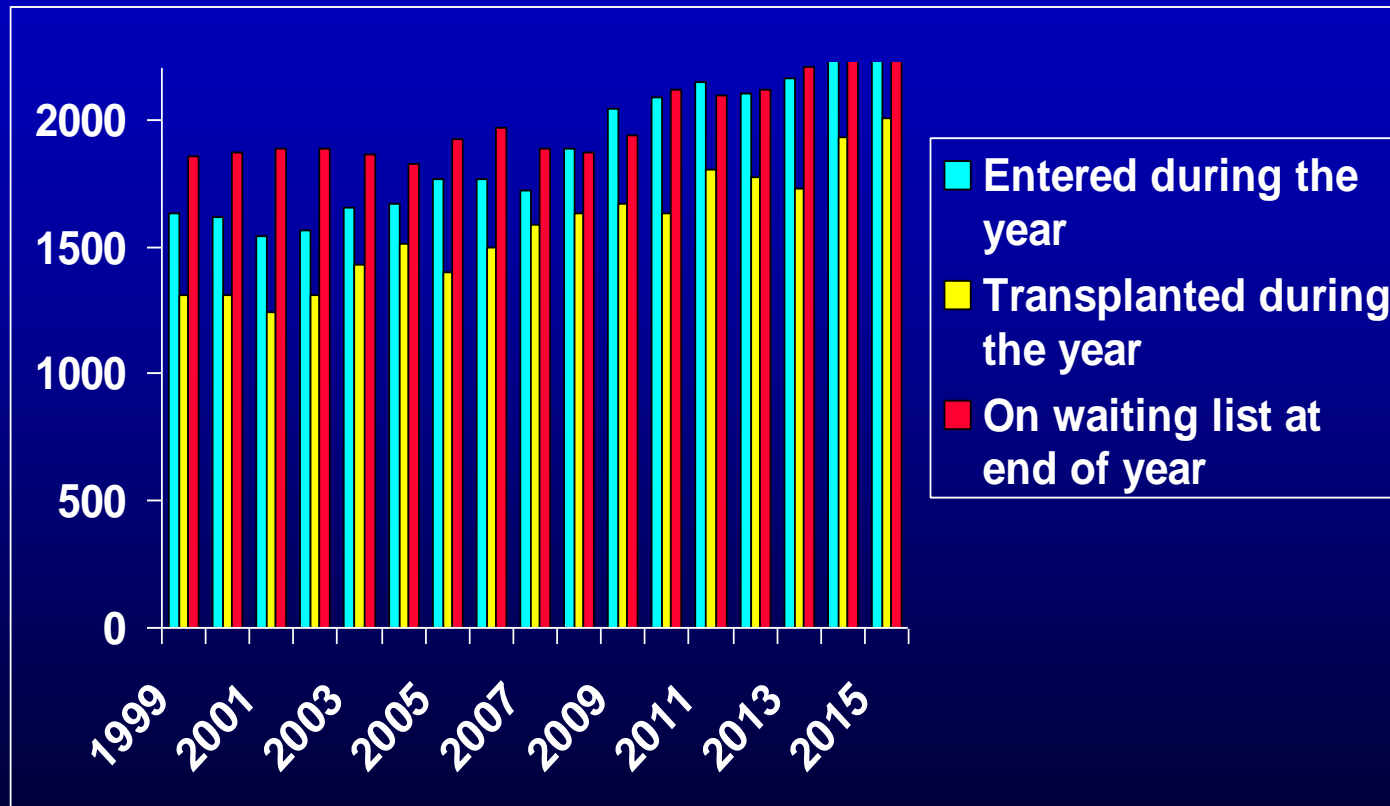
Patients entered on waiting list during 2015 (2014 figures)

● <i>Kidney:</i>	<i>1384 (1379)</i>
● <i>Liver</i>	<i>425 (451)</i>
● <i>Heart</i>	<i>190 (191)</i>
● <i>Lung</i>	<i>193 (157)</i>
● <i>Pancreas</i>	<i>25 (27)</i>
● <i>Kidney+Pancreas</i>	<i>75 (62)</i>
● <i>Liver+kidney</i>	<i>2 (8)</i>
● <i>TOTAL</i>	<i>2294 (2275)</i>

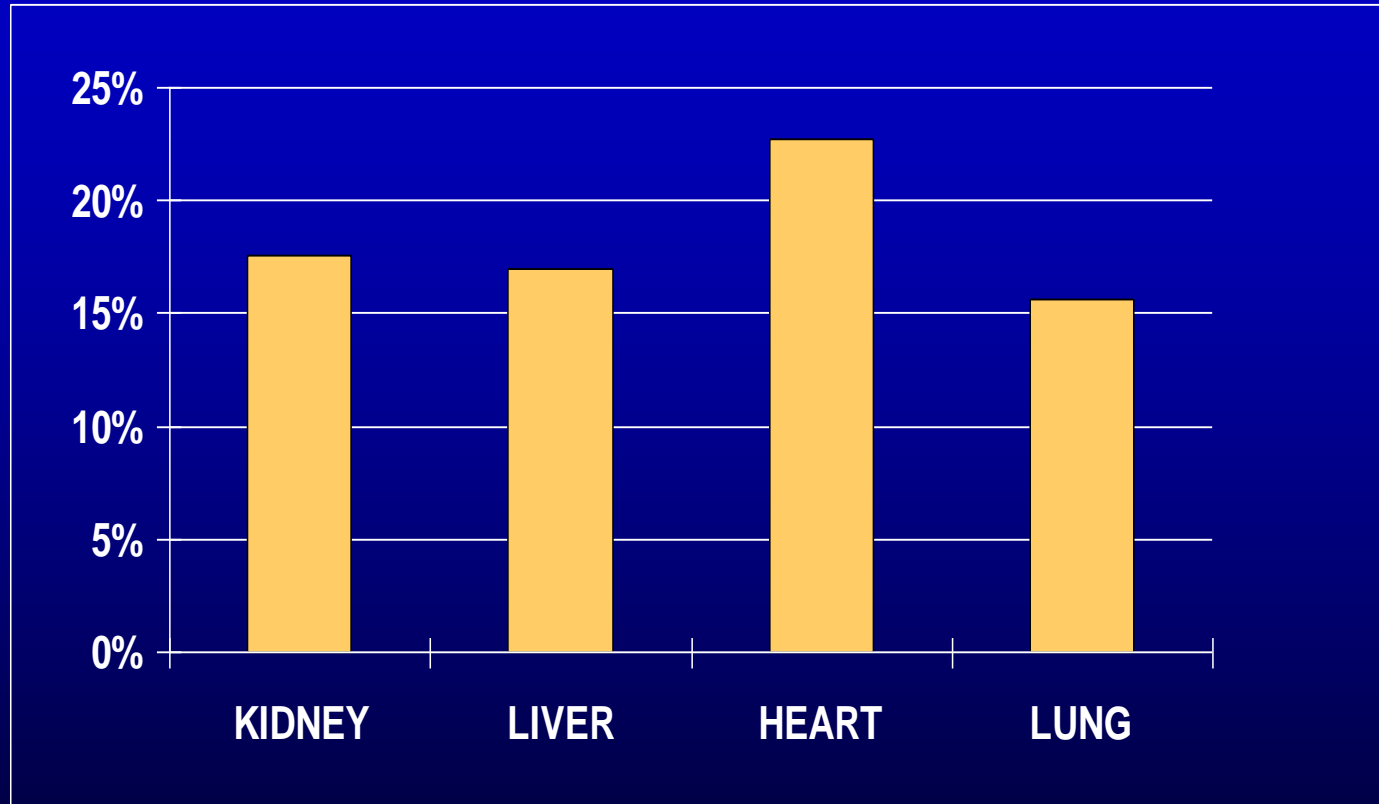
Utilized deceased doners PMP



Flow on the waiting list during a year

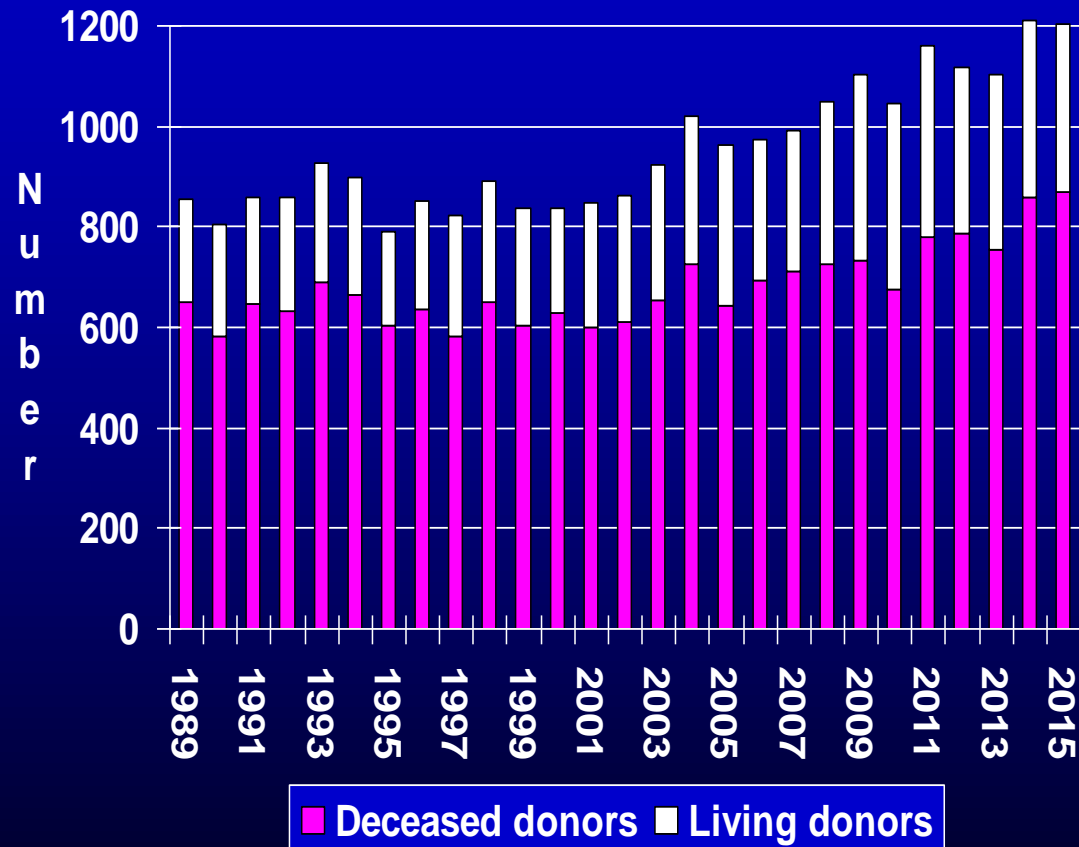


Organ exchange between centers in 2015

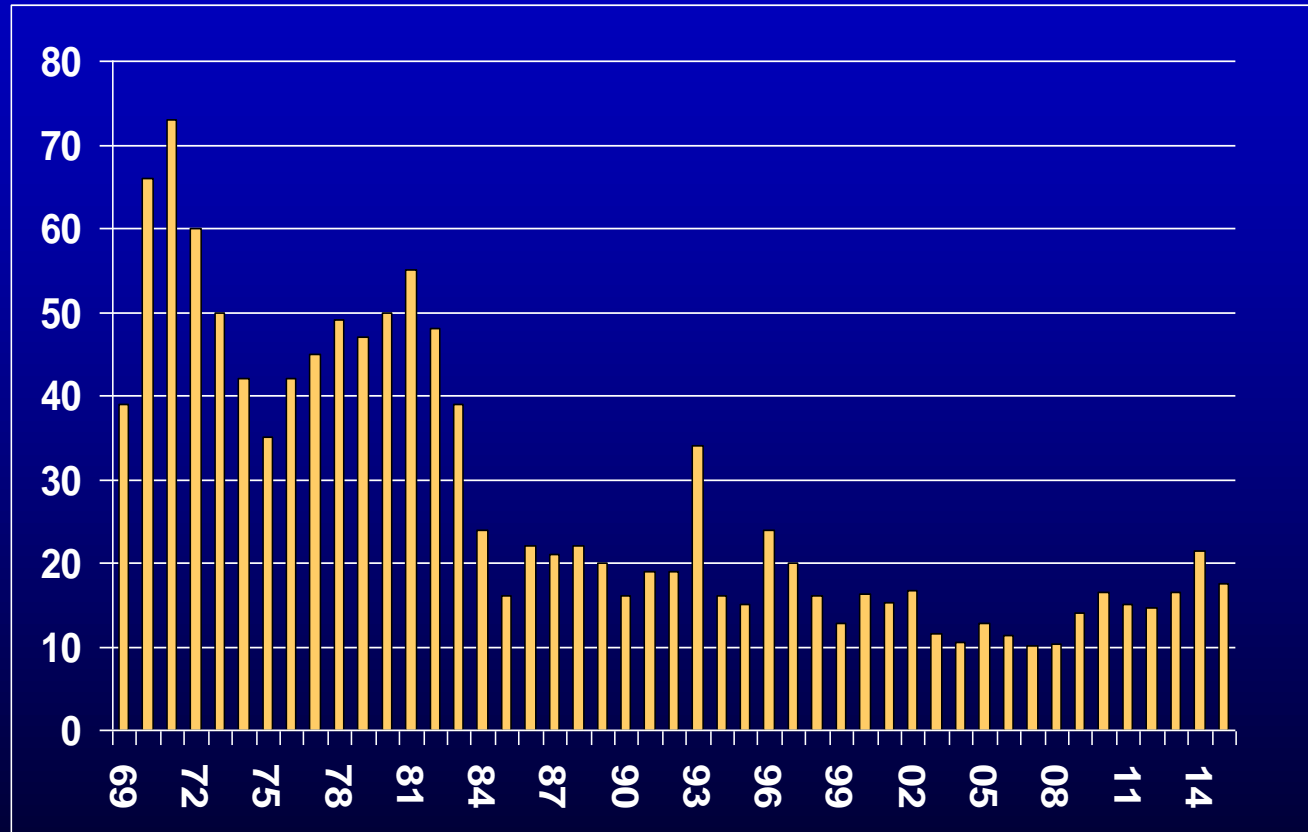


Kidney Transplantation

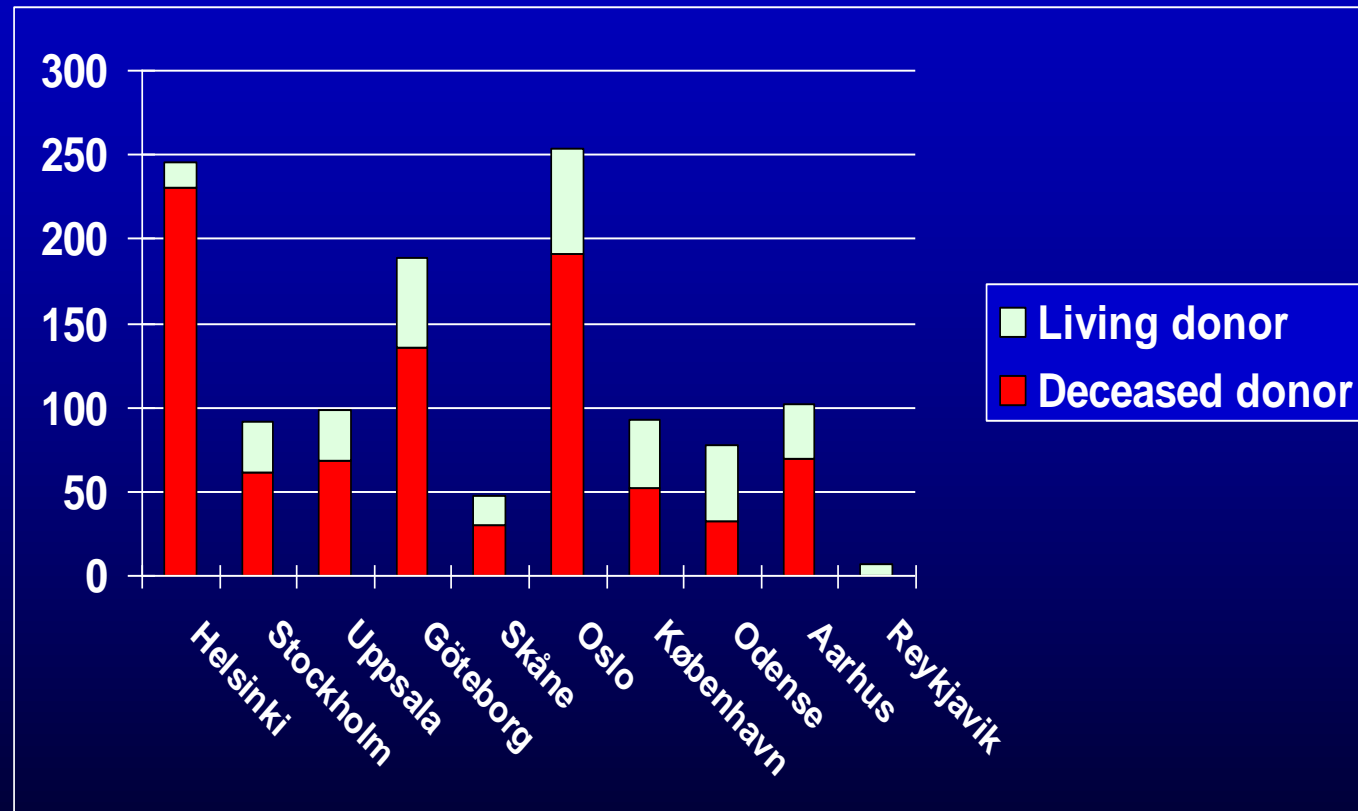
Kidney Transplantation 1989 – 2015



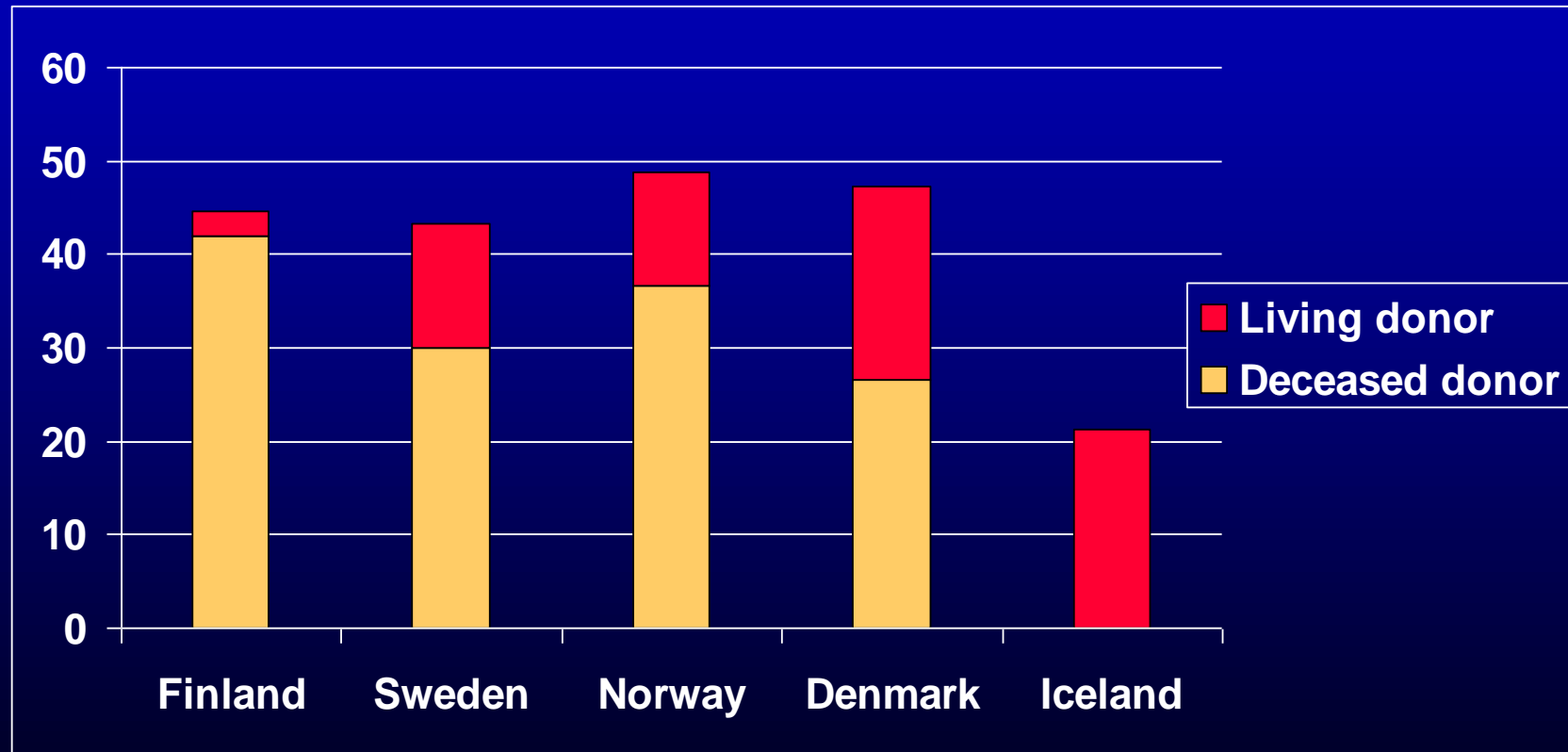
Kidney exchange rate 1969 - 2015



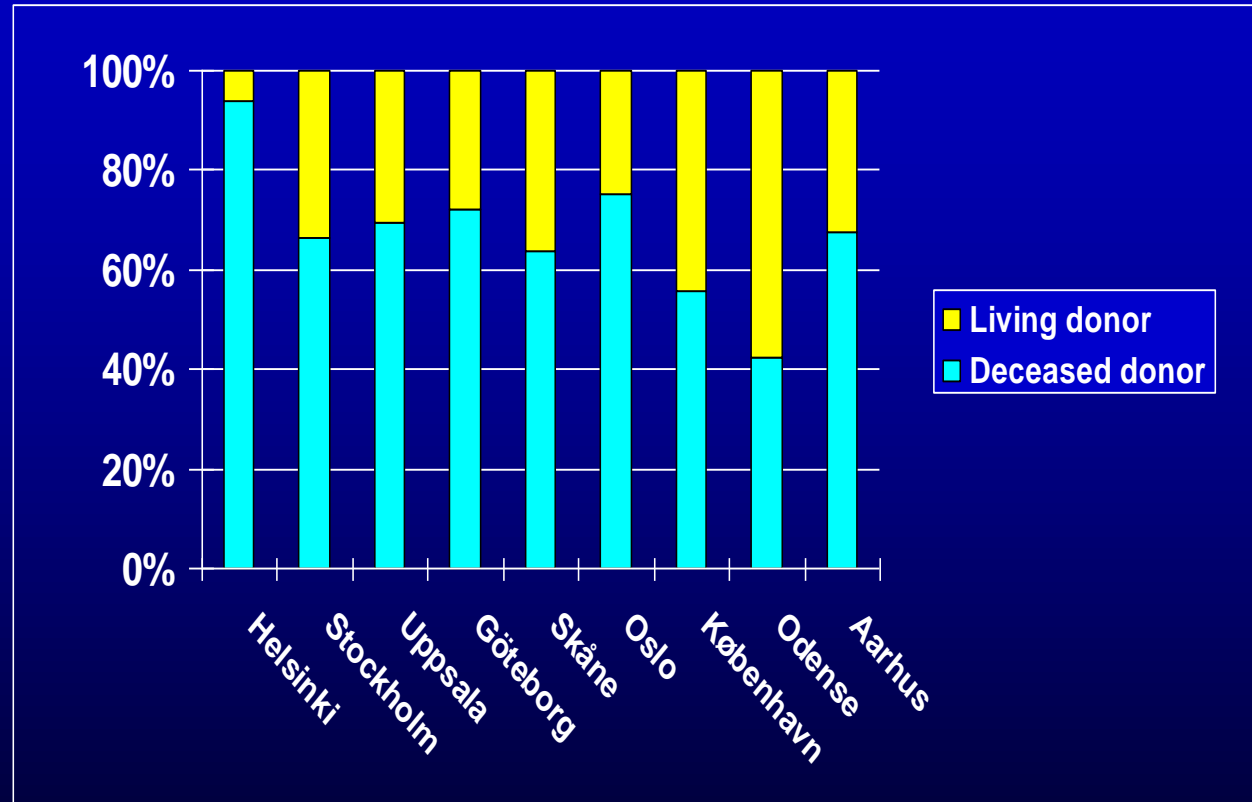
Kidney Transplantation activity 2015 by centre



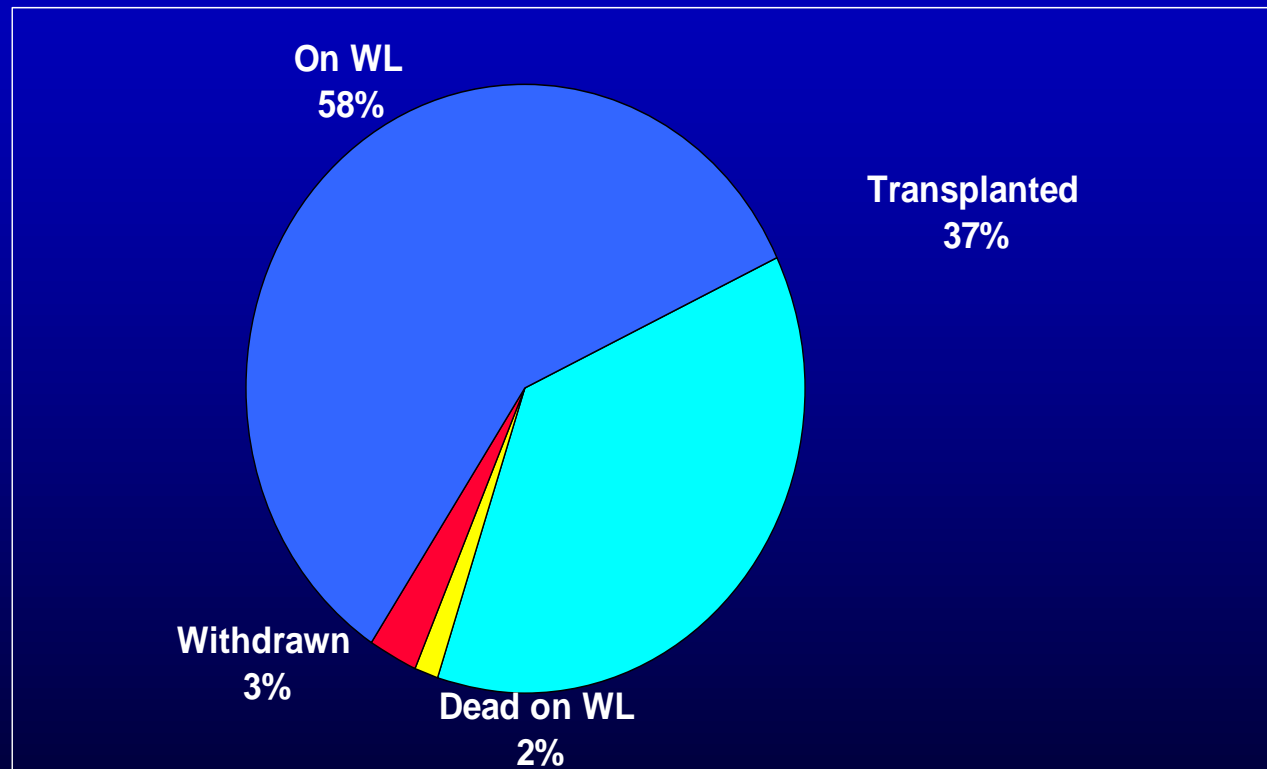
Kidney Transplantation PMP 2015



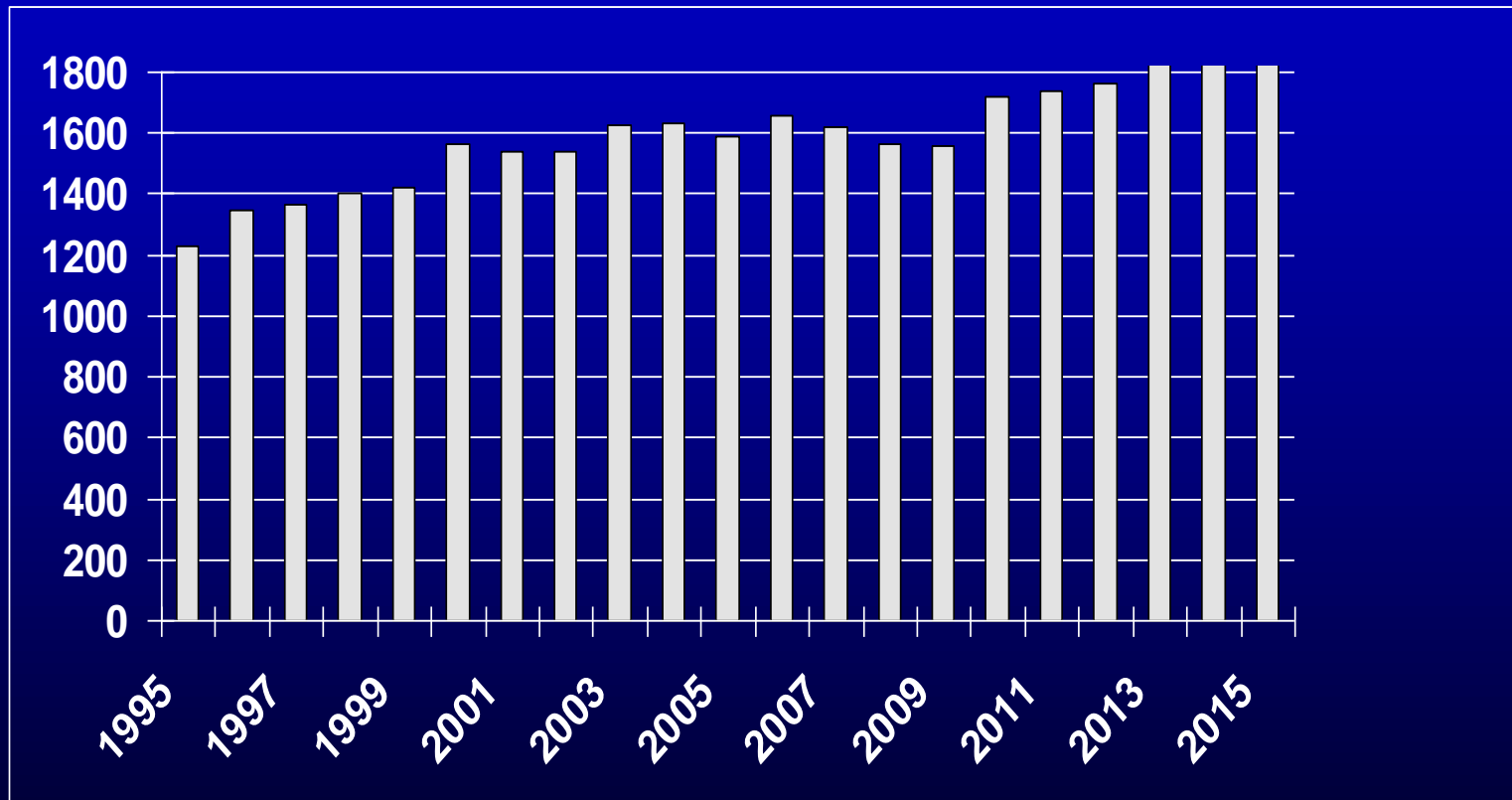
Kidney Transplantation 2015



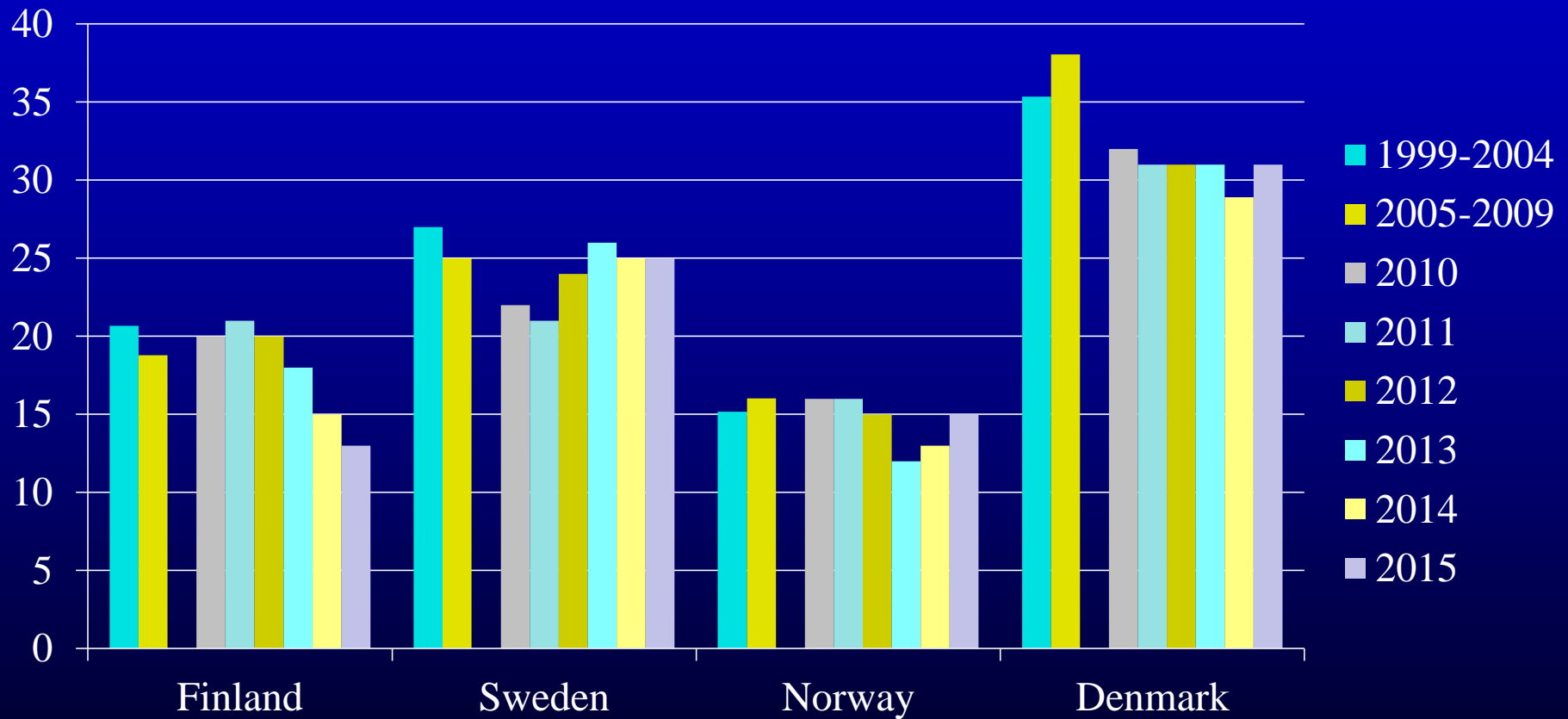
1384 new patients on kidney waiting list 2015



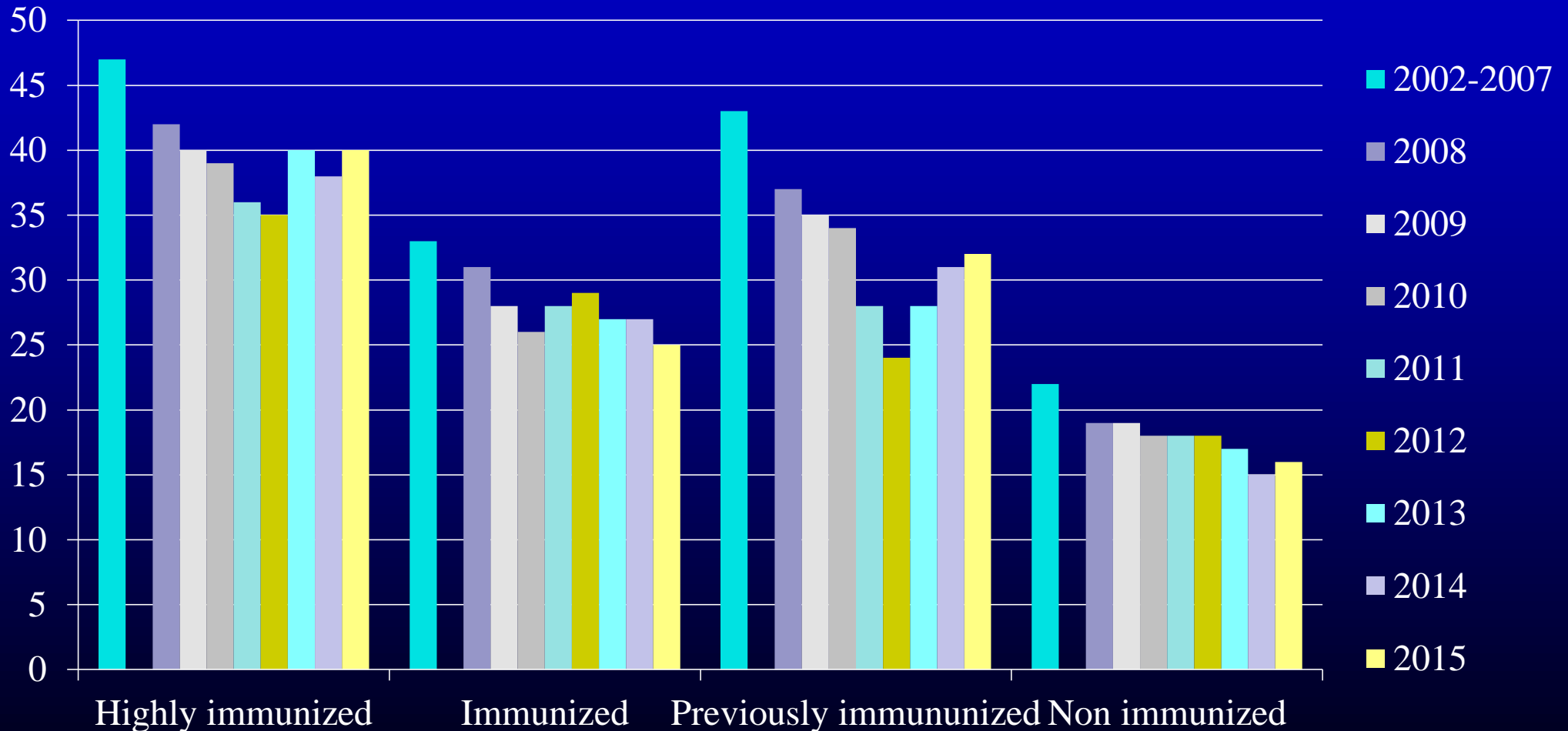
Number of patients on the Kidney waiting list at the end of the year 1995 - 2015



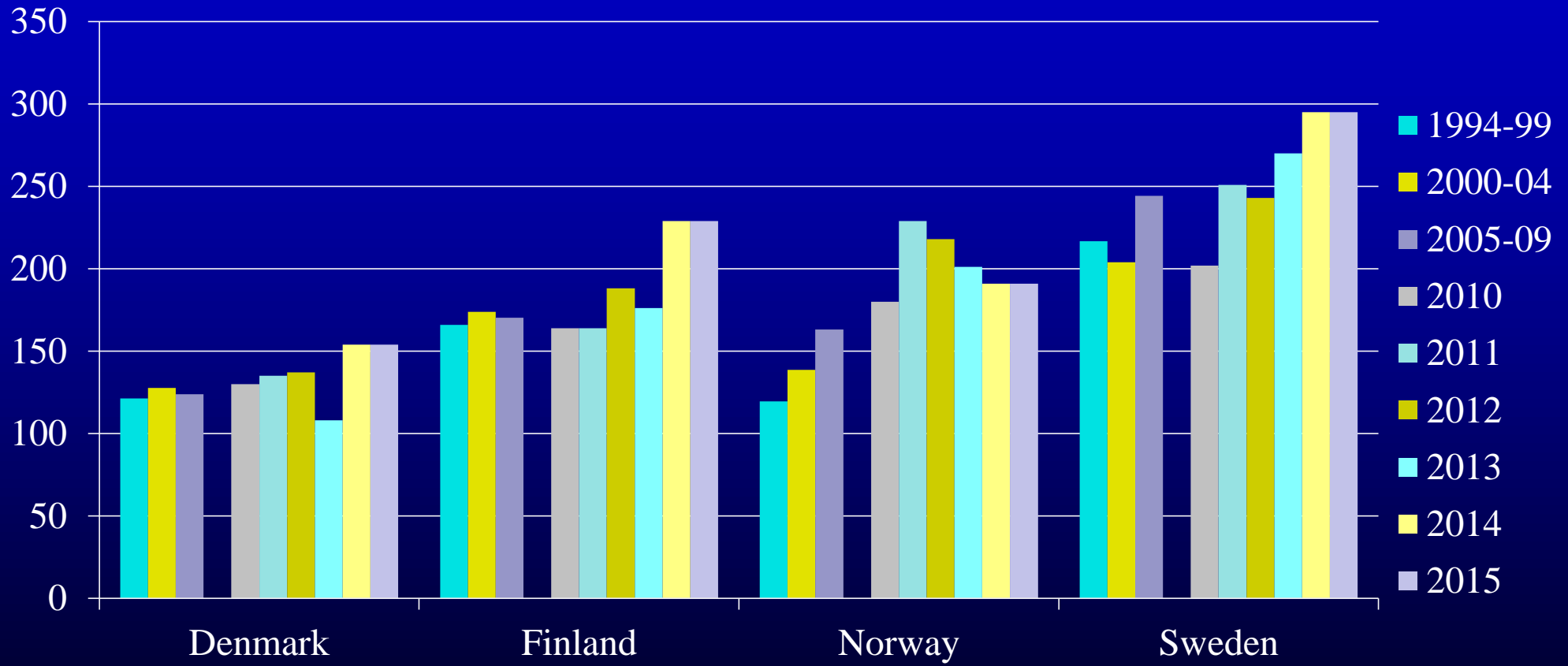
Average Months on kidney waiting list at end of year



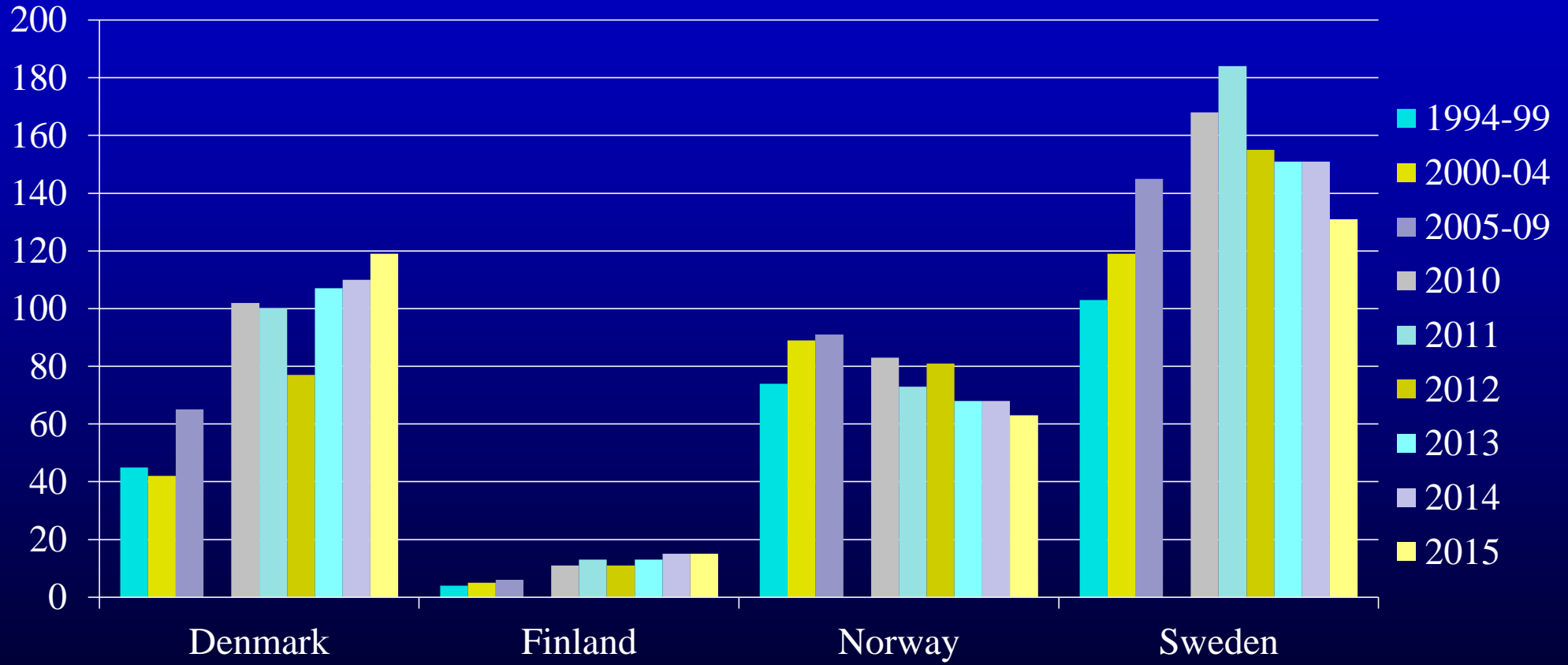
Average Months on Kidney Waiting List by Immunisation status at end year



Deceased donor kidney transplants 1994 - 2015



Living donor kidney transplants 1994 - 2015



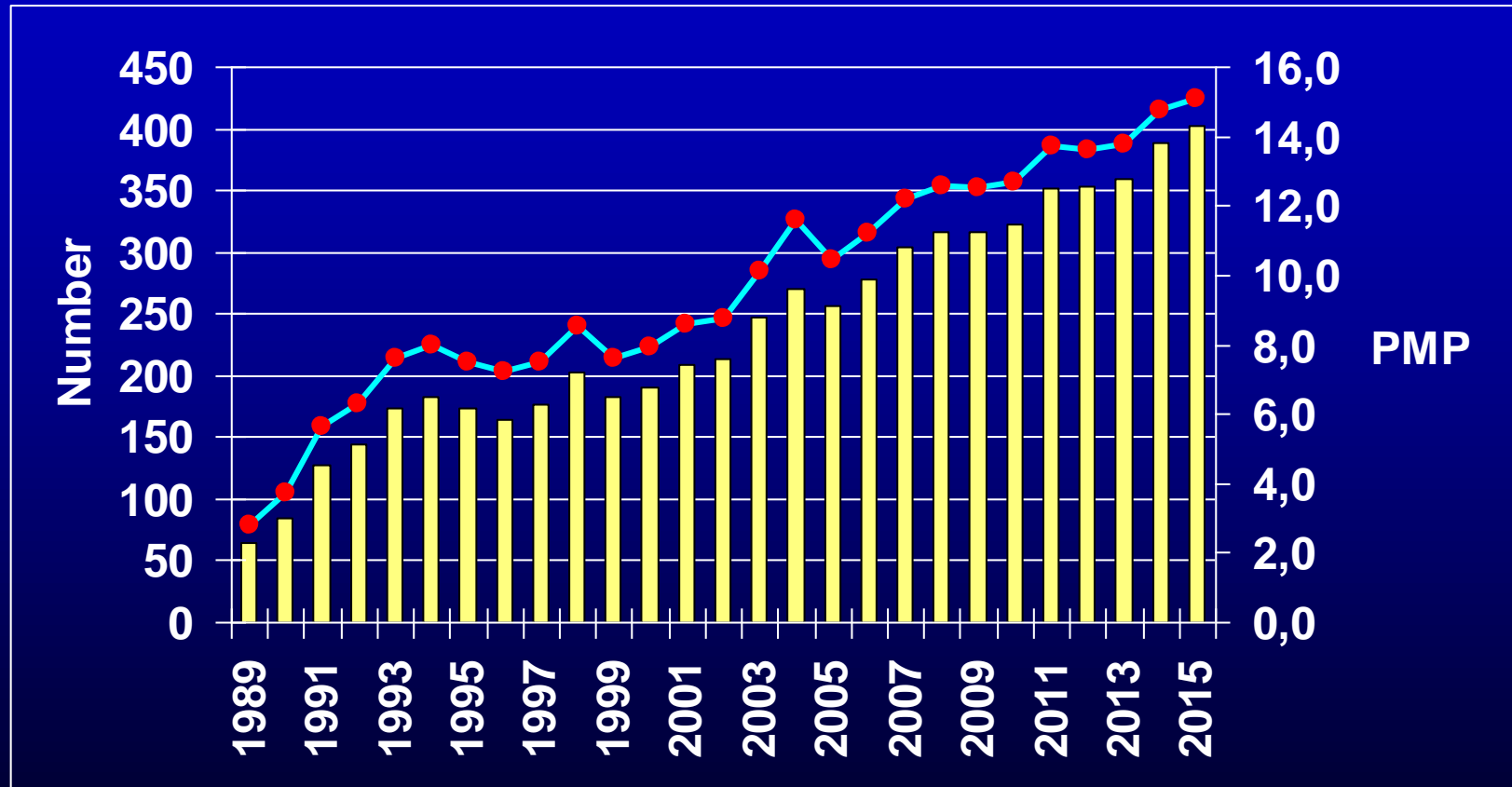
EXCHANGE CRITERIA

Kidney exchange obligations

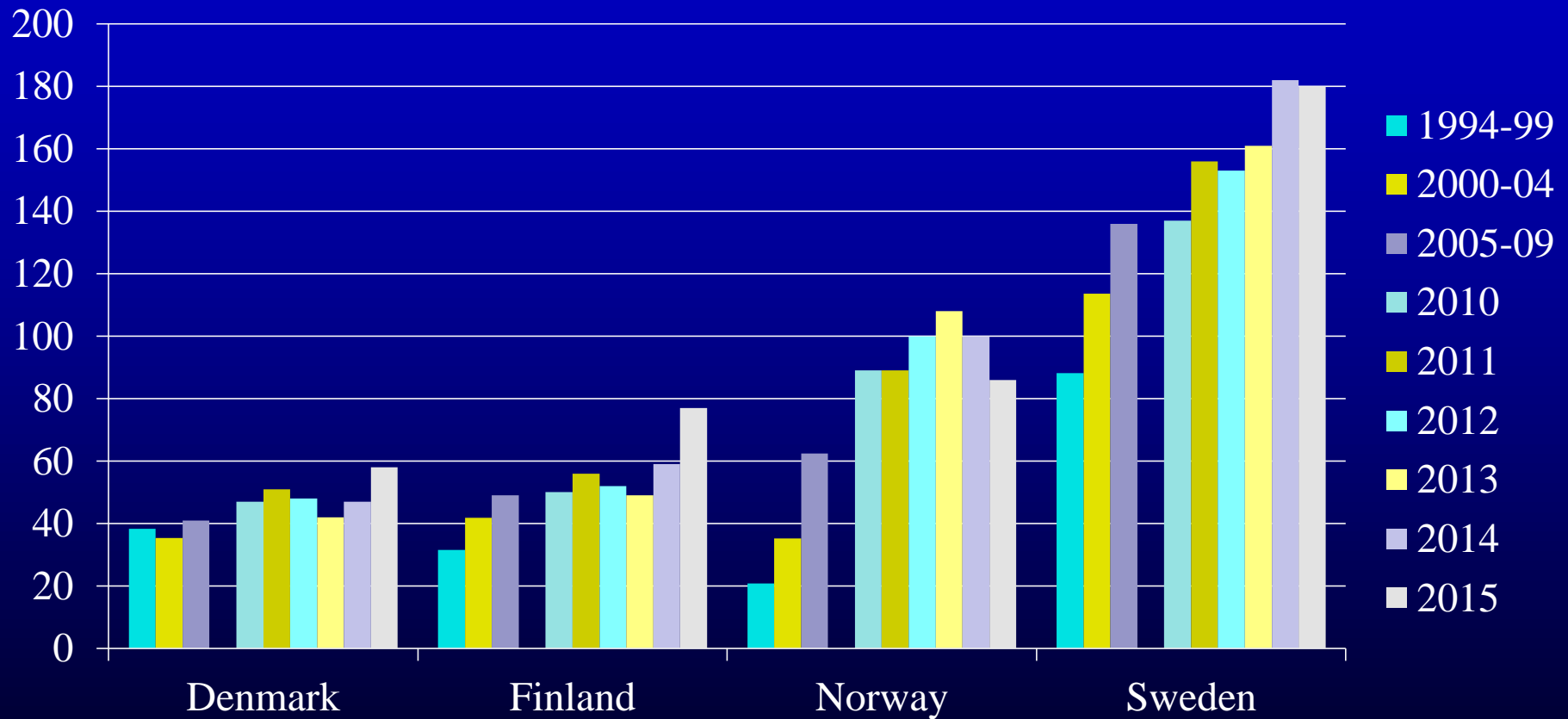
1. Highly immunized ($\text{PRA} \geq 80\%$) patients who are HLA-A, -B, -DR compatible with donor.
2. Scandiatransplant acceptable mismatch program.
3. Immunized patients ($\text{PRA} \geq 10\%$ but below 80%) who are HLA-A, -B, -DR compatible with donor.
4. If organ donor is <40 years of age, at least one kidney is offered to recipient <16 years of age (counted from time of registration), if there is HLA-DR compatibility and in addition not more than 2 HLA-A,B mismatches.
5. Patients who are HLA-A,-B,-DR compatible with donor unless the proposed recipient is >30 years older than the donor.
 - blood group 0 kidneys to blood group 0 recipients.
 - blood group B kidneys to blood group B recipients.
 - Return of another kidney within 6 months.

Liver Transplantation

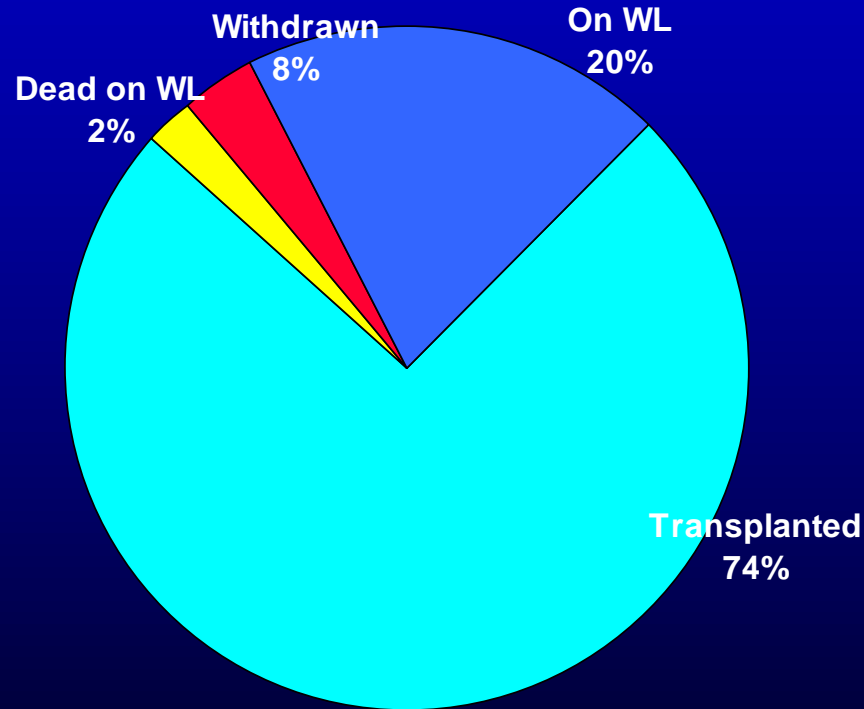
Liver Transplantation 1989 - 2015



Liver Transplantation 1994-2015



427 new patients on liver waiting list 2015



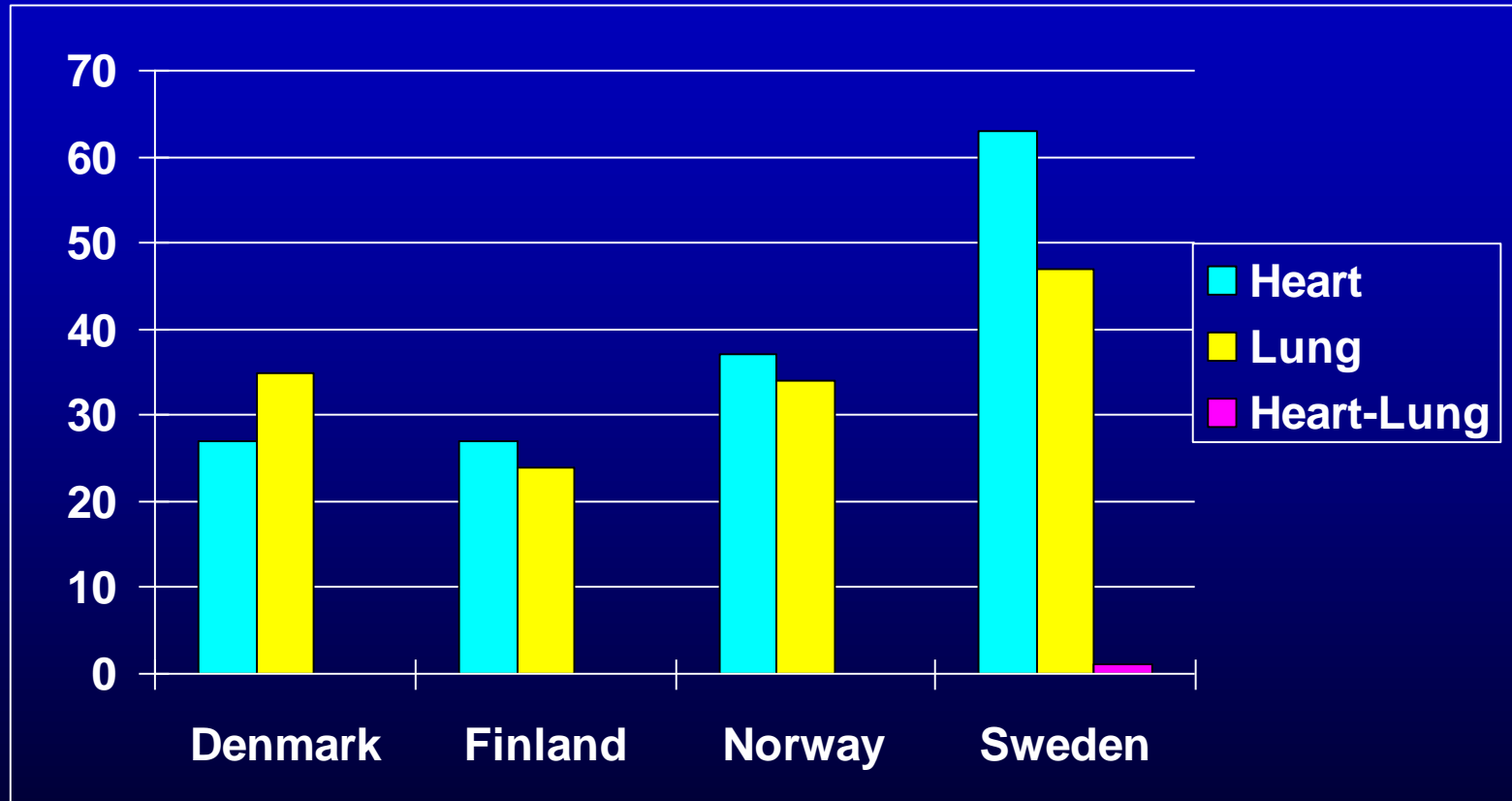
EXCHANGE CRITERIA

Liver

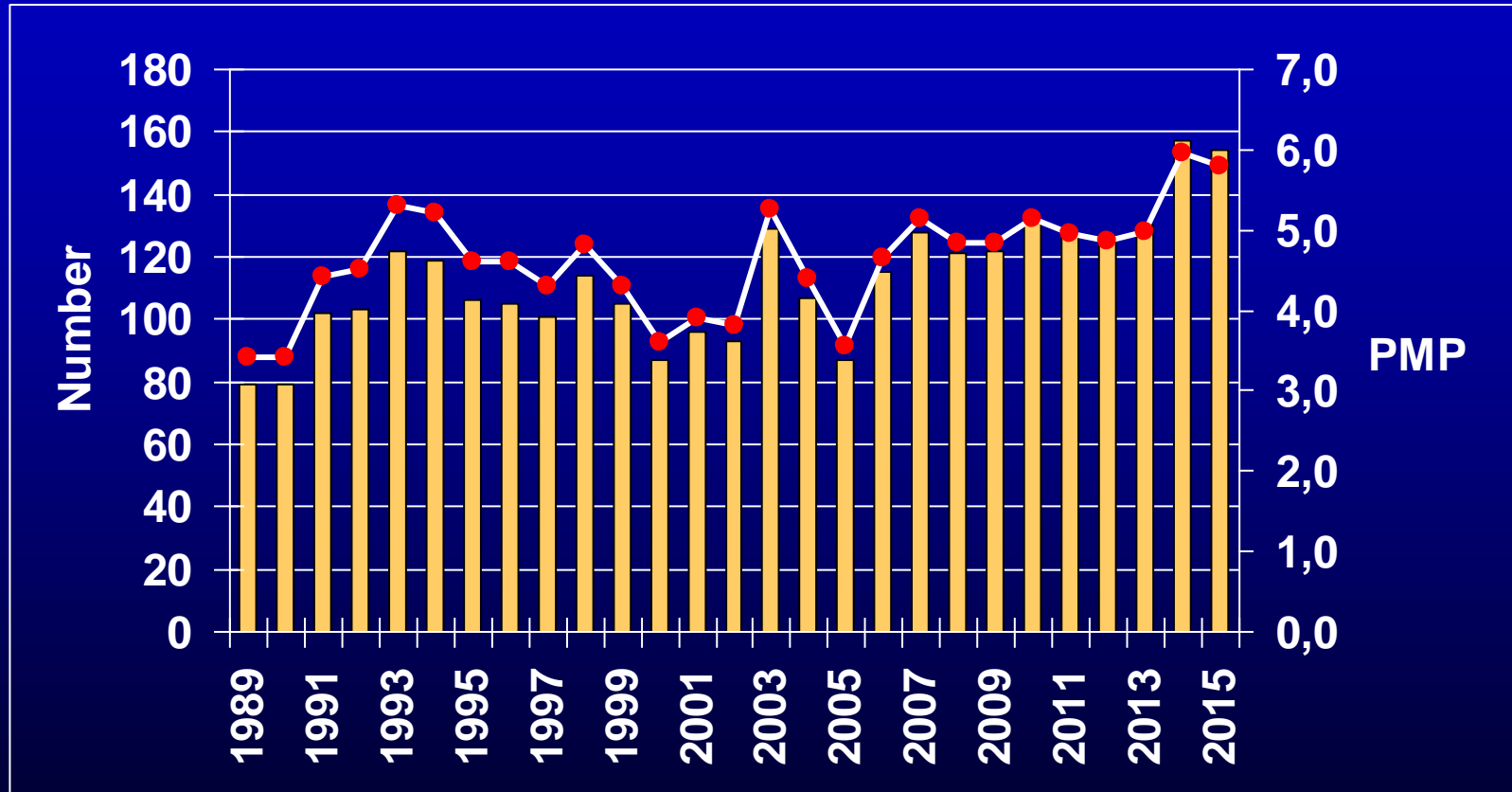
- Exchange obligation to highly urgent patients:
 - acute liver failure
 - acute liver re-transplantation
 - highly urgent patients needs to be transplanted within 72 hours
- Exchange obligation to Paediatric recipients (<18 years at entry on liver waiting list) if donor liver fulfils split criteria
 - Return (pay back) liver to Donor centre
- Rota system for spare livers

Thoracic Transplantation

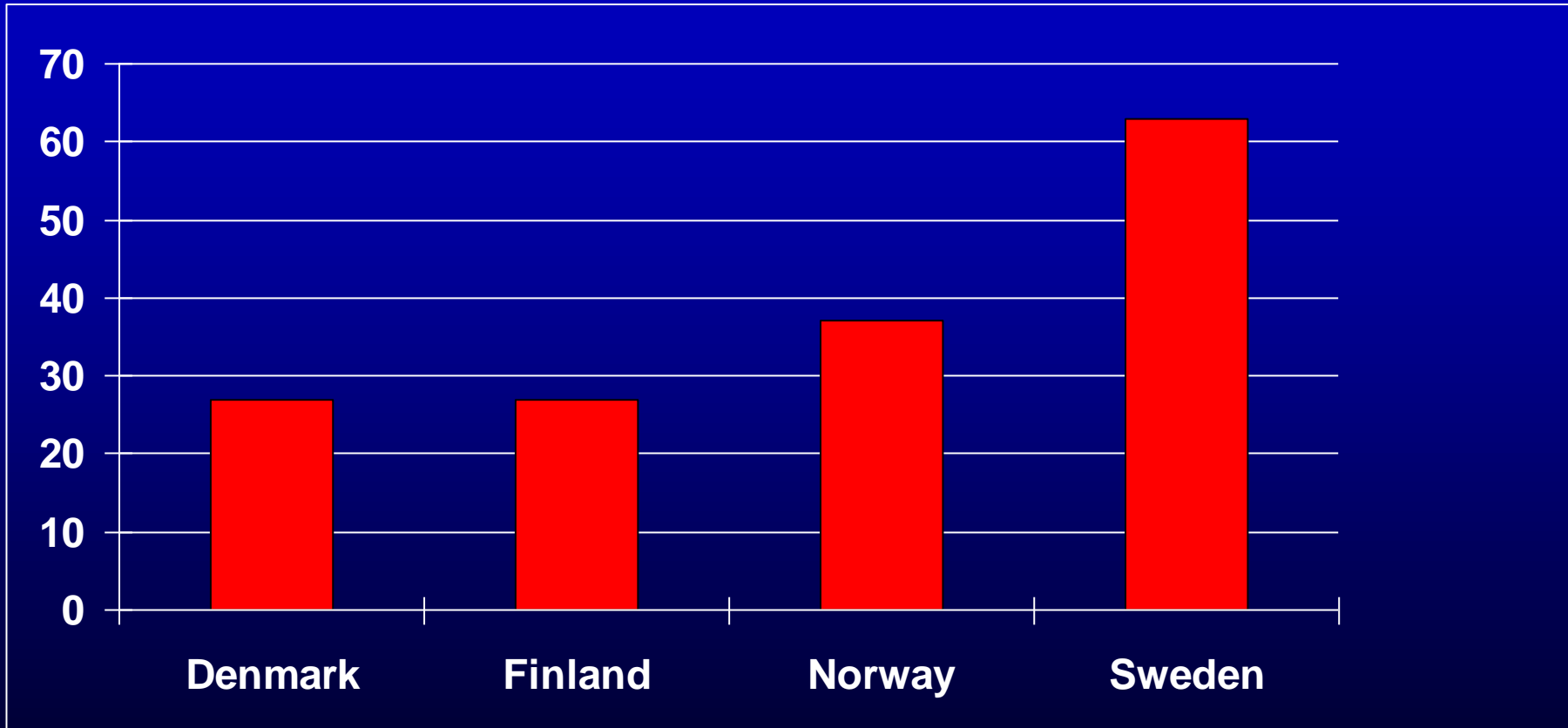
Thoracic transplantation 2015



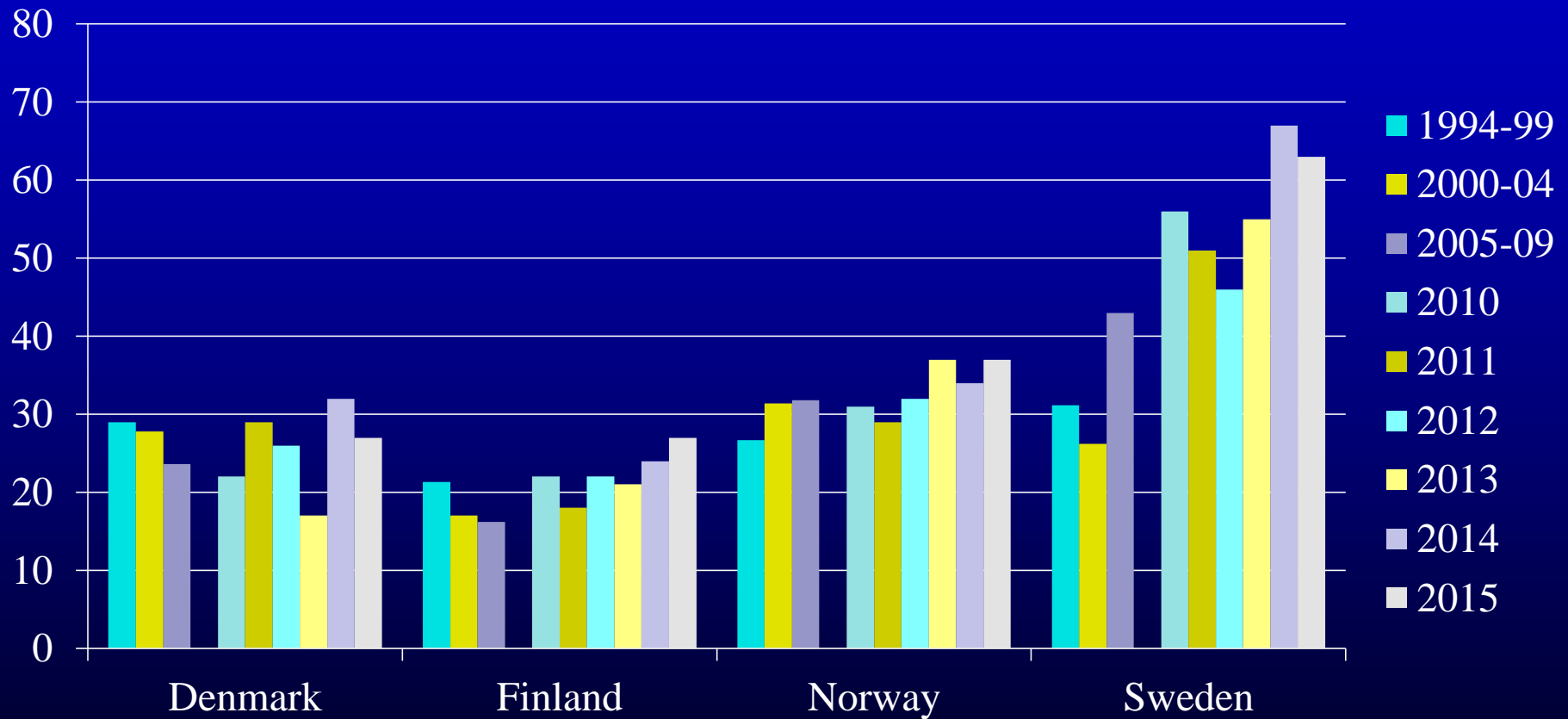
Heart Transplantation 1989 - 2015



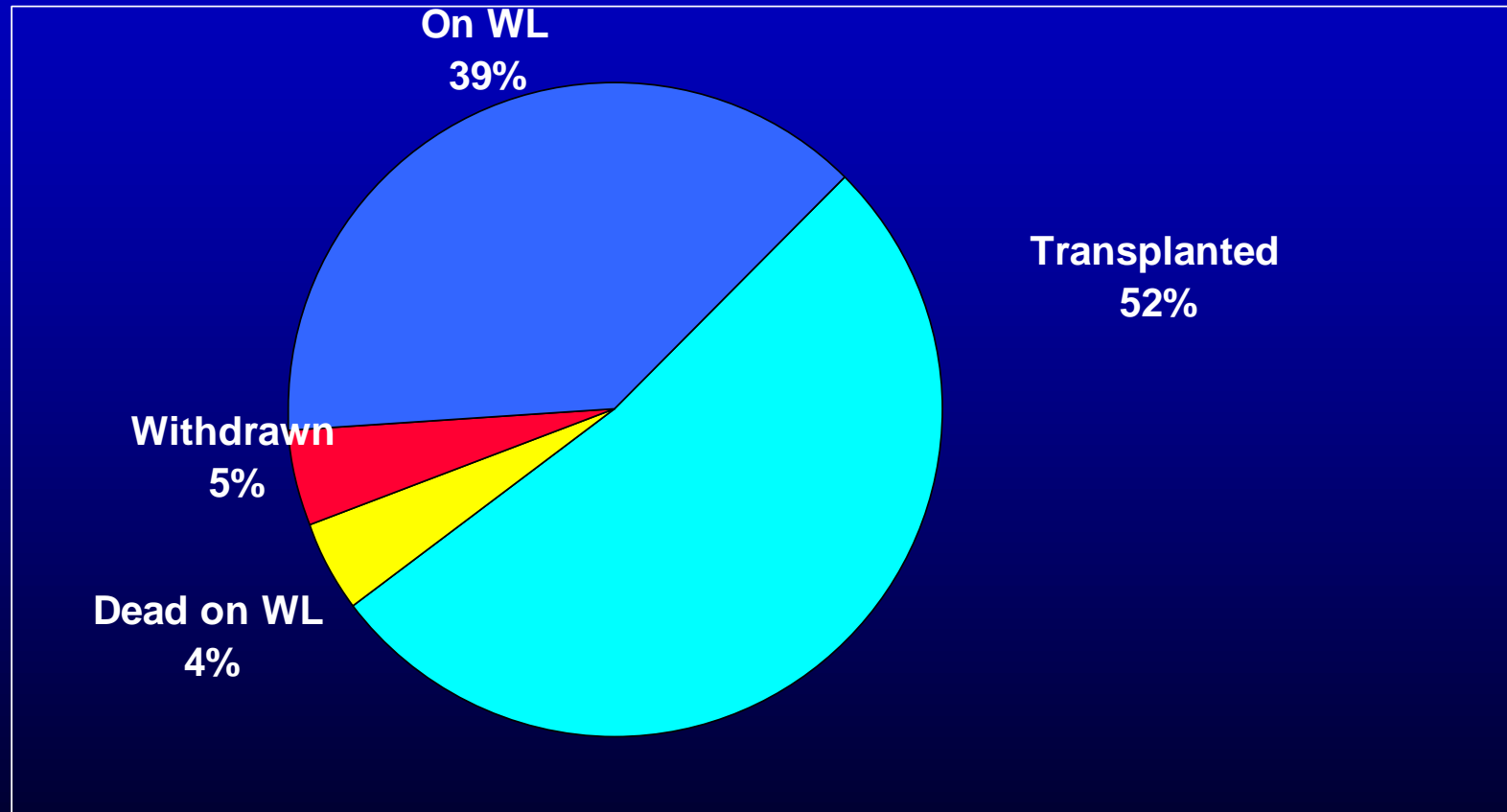
Heart transplantation 2015



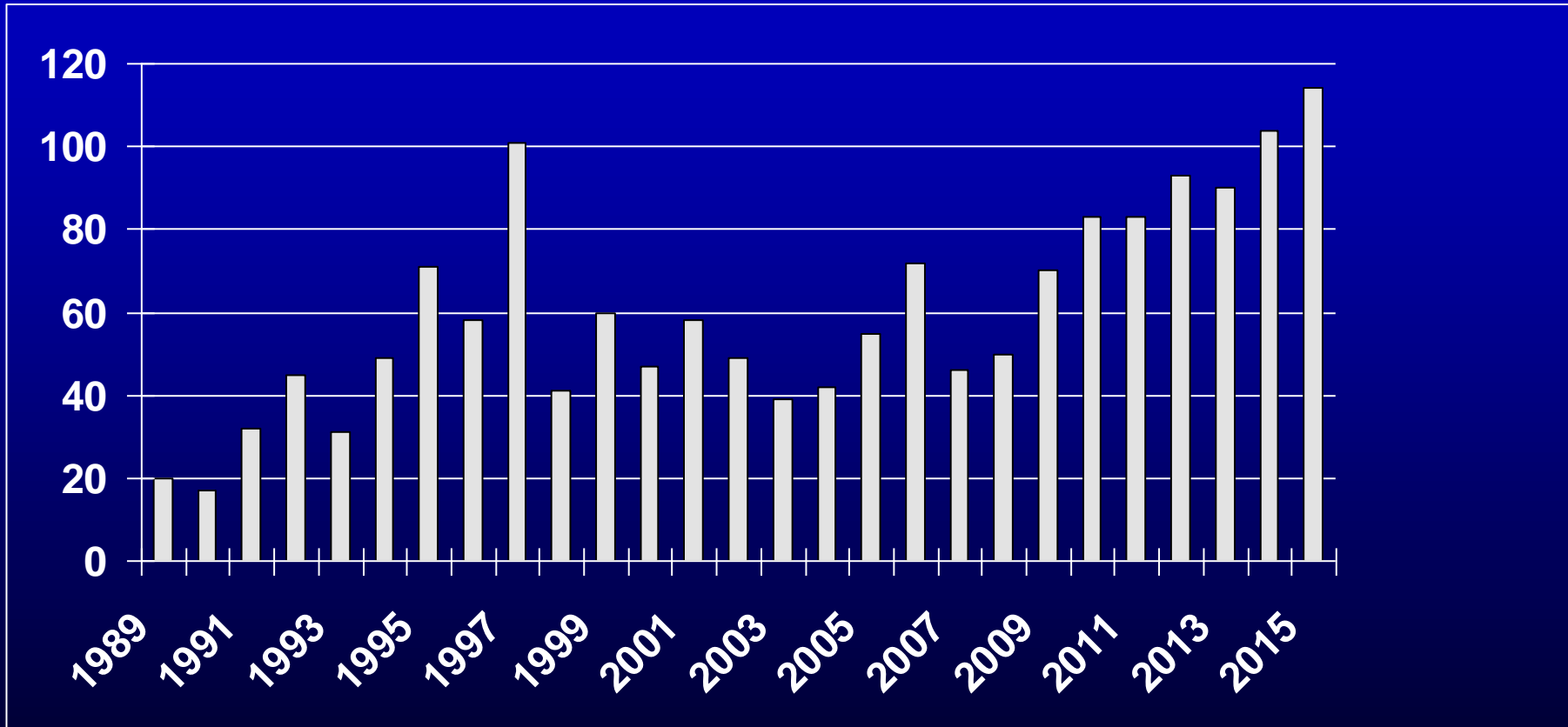
Heart Transplantation 1994 - 2015



190 new patients on heart waiting list 2015



Heart waiting list 1989 - 2015

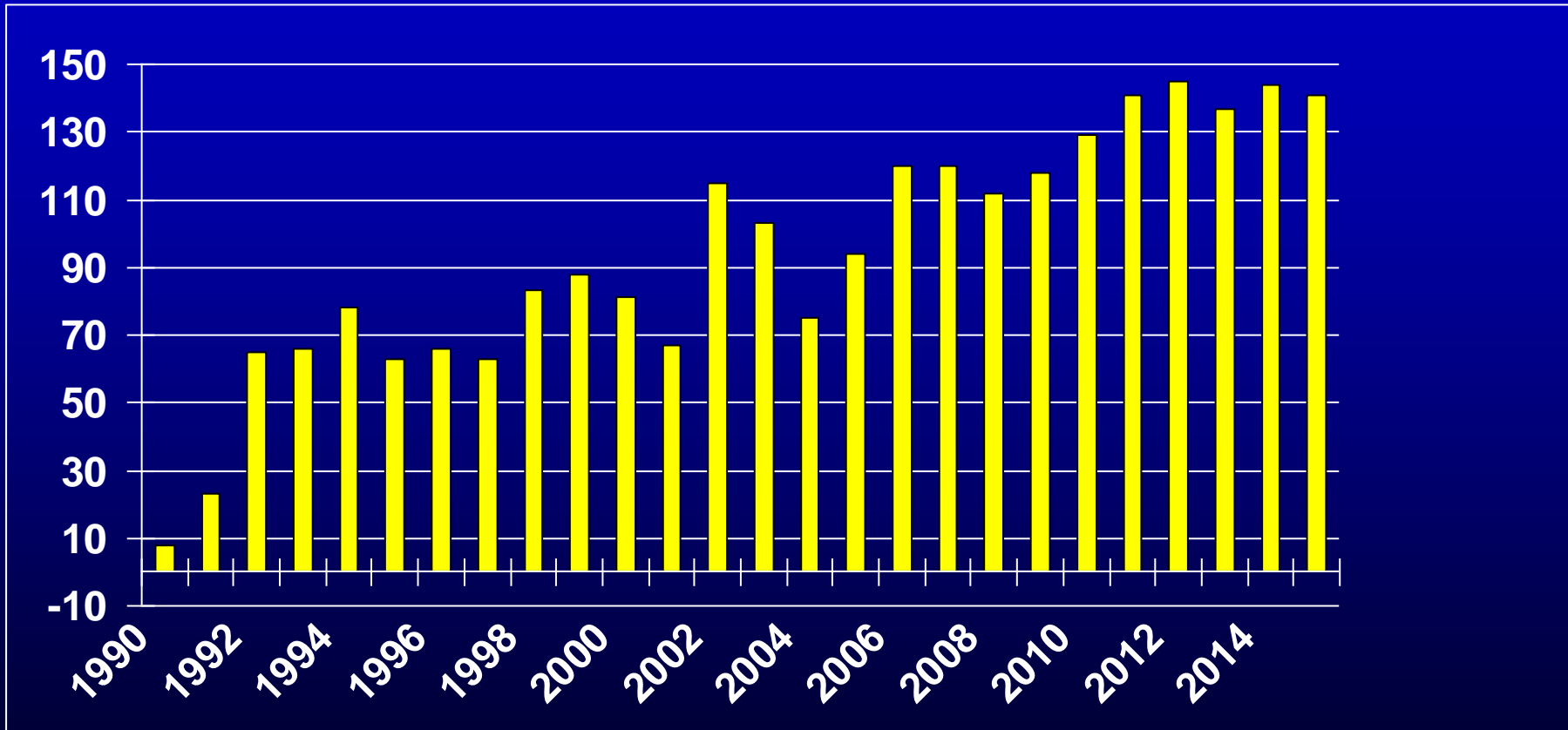


EXCHANGE CRITERIA

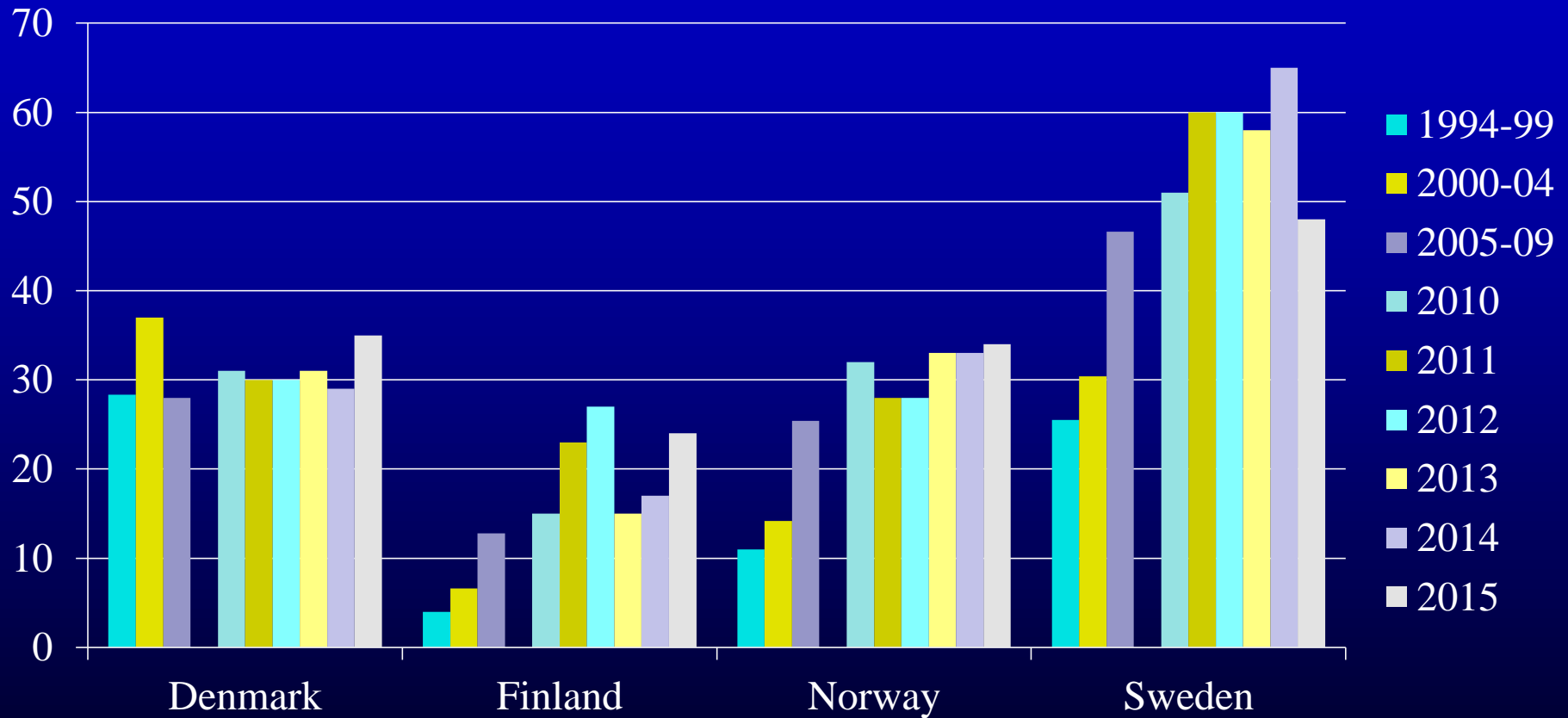
Heart

- Exchange obligation to highly urgent patients on waiting list:
 - Patient on short-term assist devices (ECMO, centrifugal pump).
 - Patient on paracorporeal or implantable blood pump with device failure or uncontrollable device infection.
 - patients below 16 years on inotropic support for more than 12 months support on implantable LVAS.
- Rota system for spare organs and more high urgent patients at the same time

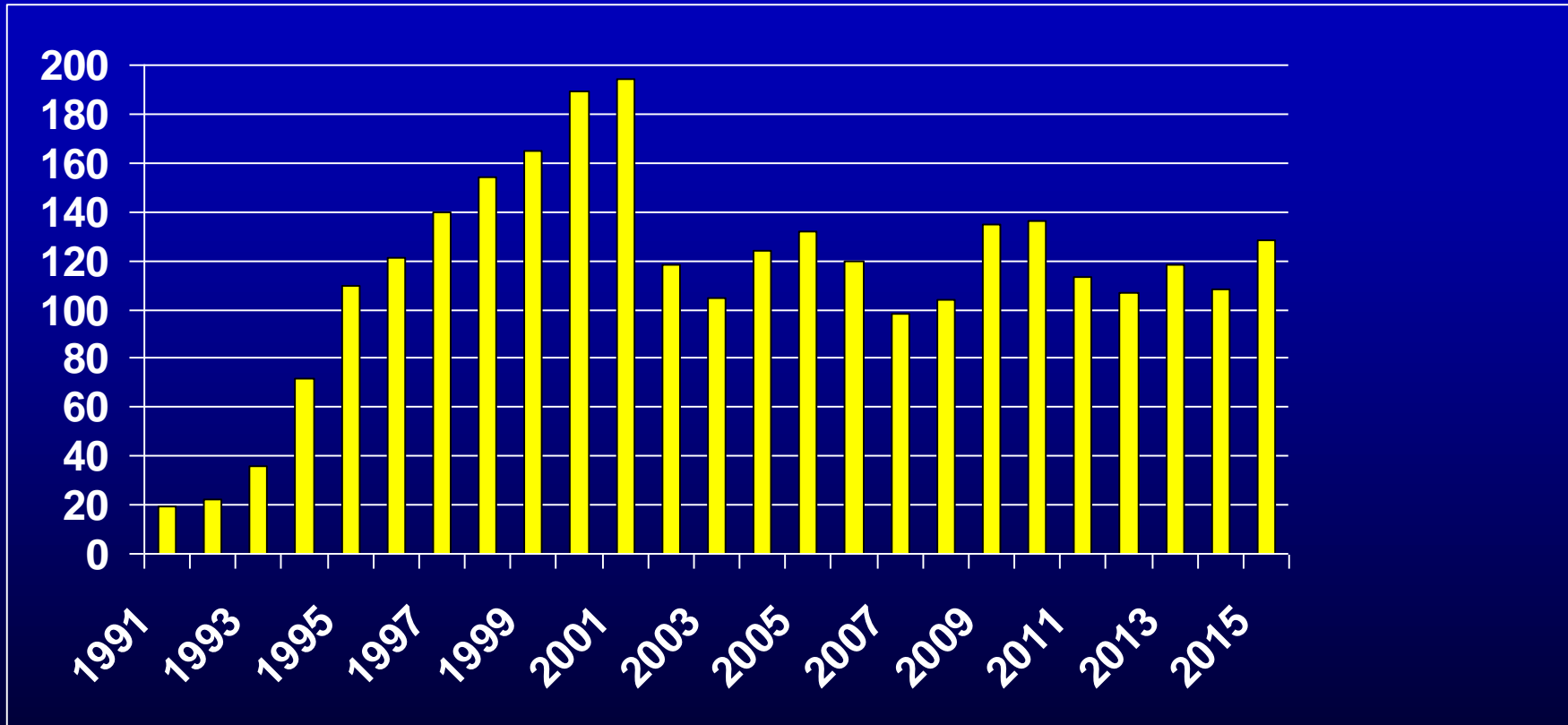
Lung transplantation including heart-lung



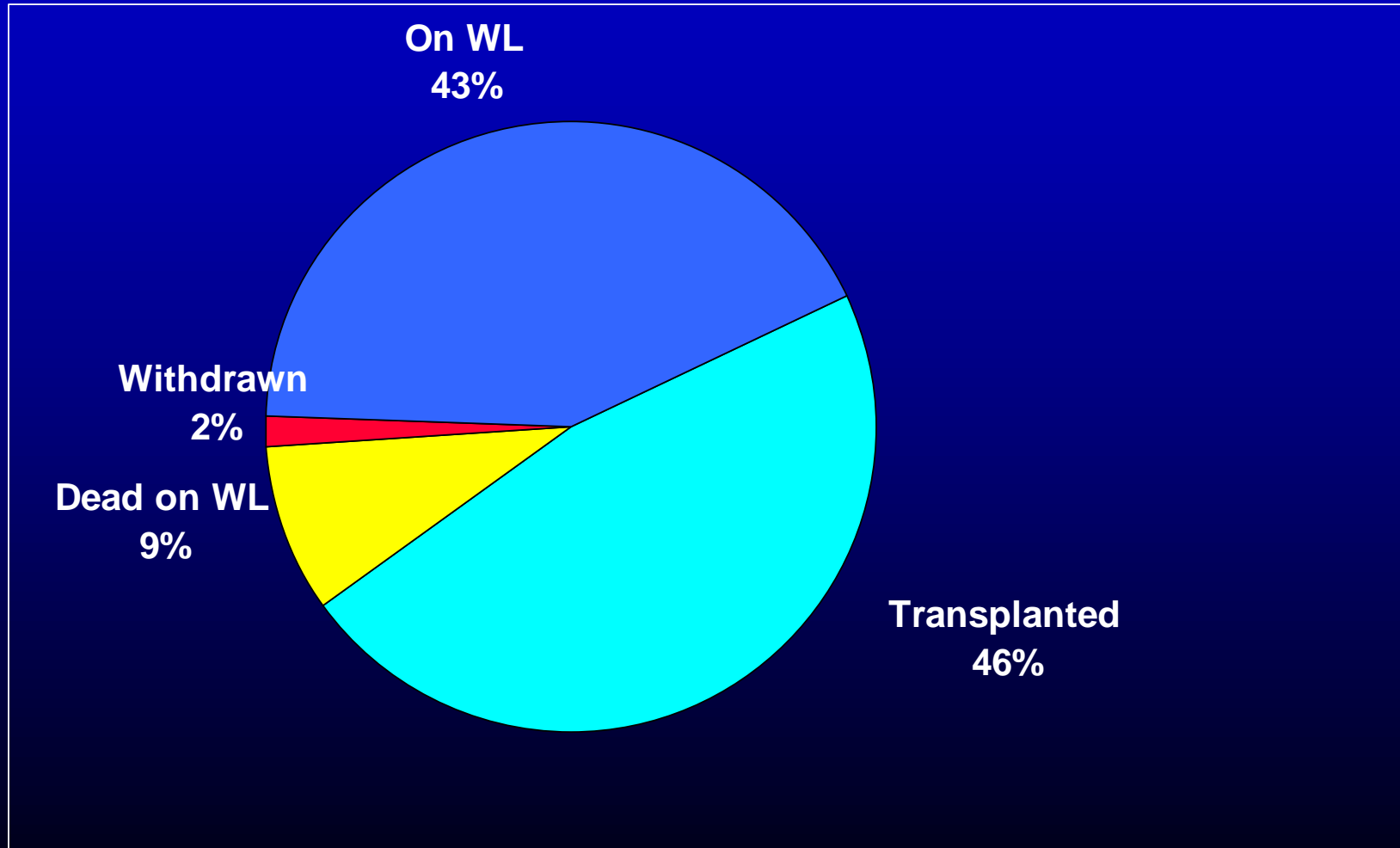
Lung Transplantation 1994 - 2015



Lung waiting list 1991 – 2015



193 new patients on lung waiting list 2015



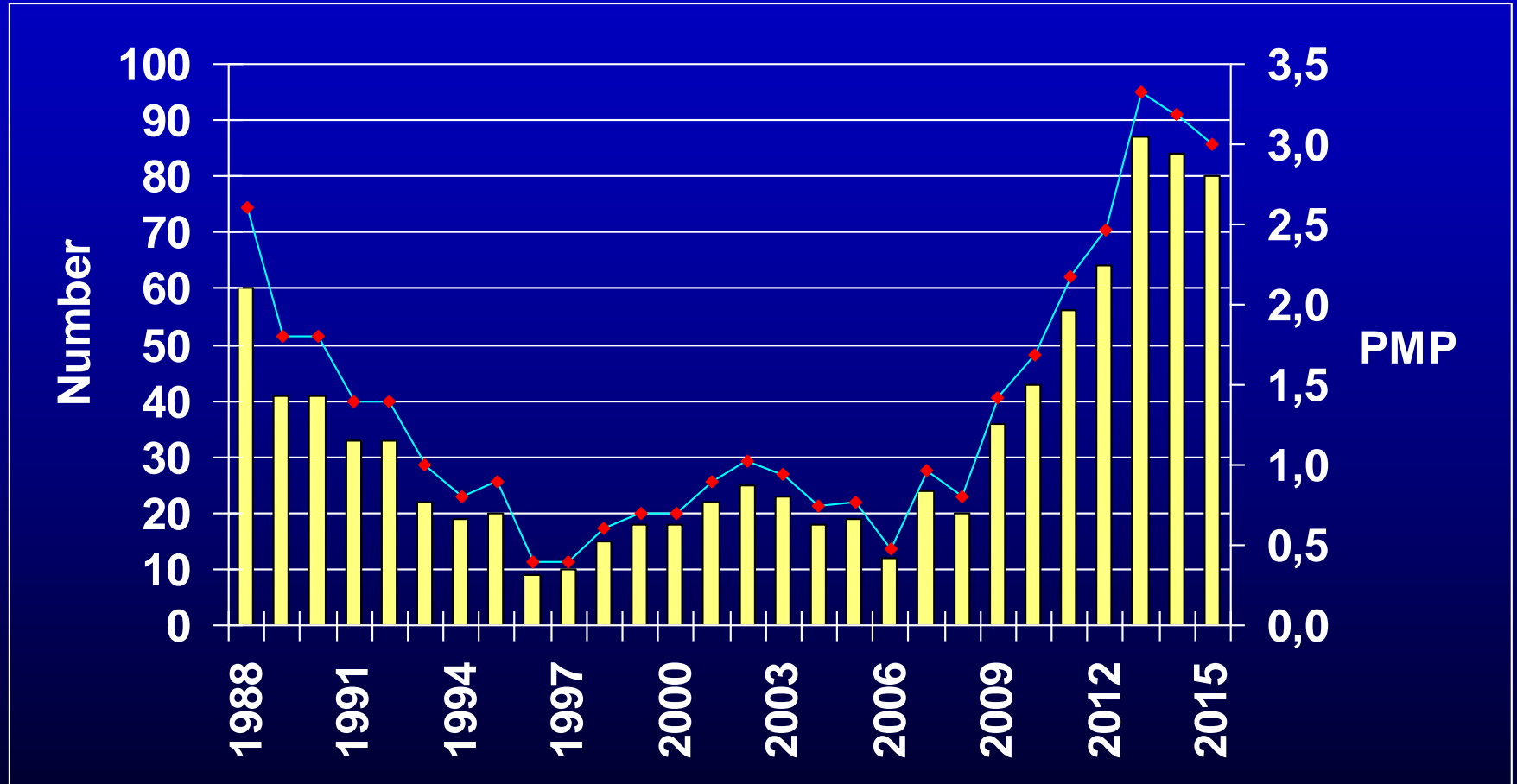
EXCHANGE CRITERIA

Lung

- Exchange obligation to highly urgent patients on waiting list
 - Priority 0: Patient on extra-corporeal circulatory support (ECMO, Novalung or other device) or ventilatory support*.
 - Priority 1: Patient with a rapid progression of organ failure with poor prognosis in a short time defined by the responsible centre*.
- *max. three patients per centre per year
- Rota system for spare organs and more high urgent patients at the same time

Pancreas Transplantation

Pancreas Transplantation 1988 – 2015



Thank you