




WELCOME^^  
환영합니다

조재일  
삼성서울병원  
대한 흉부심장혈관외과학회장



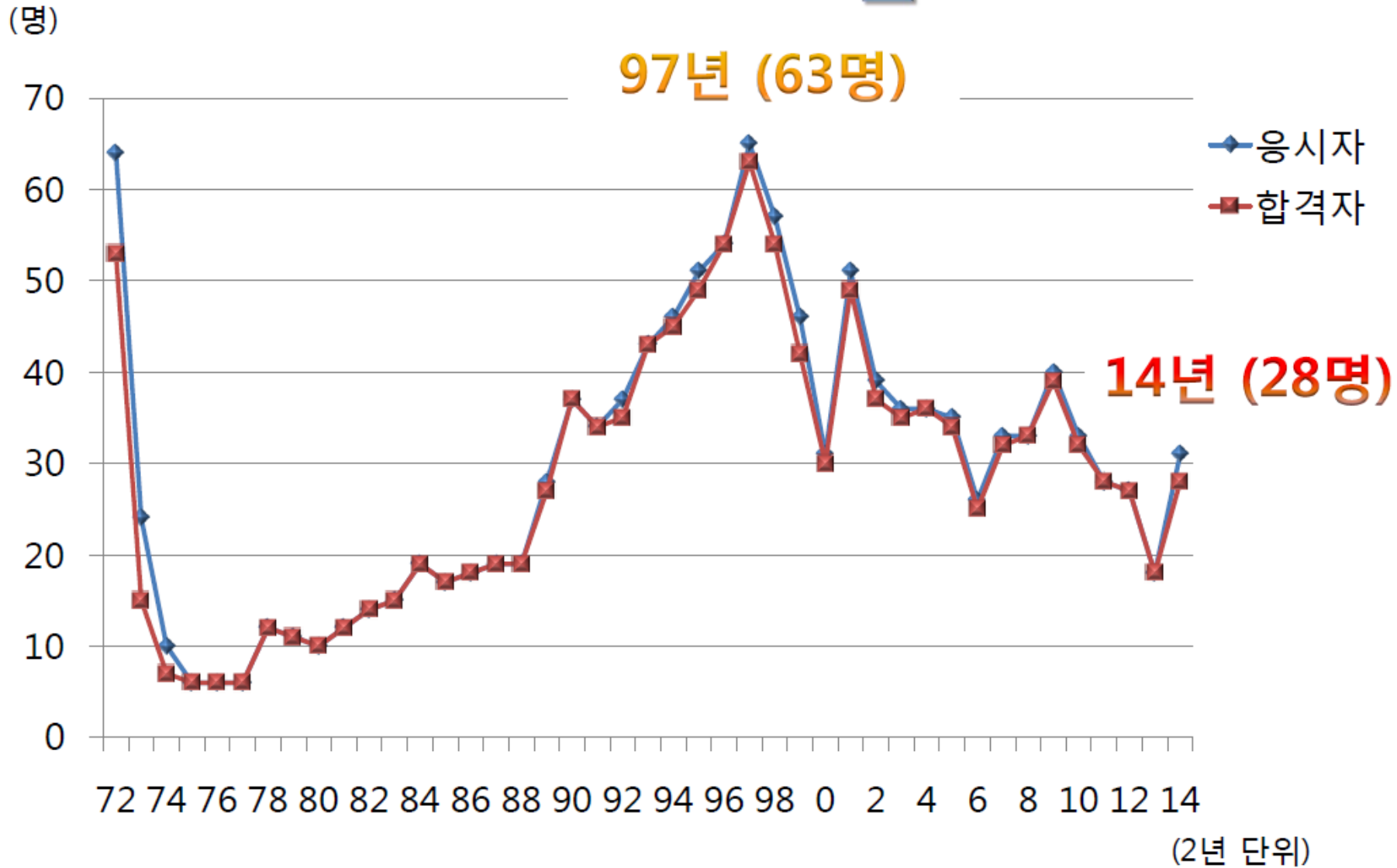
# Thoracic Surgeon ?

1. Surgeon
  2. Tough business
  3. Critical role
  4. Worthwhile result
  5. Leader
- 

# Future ?

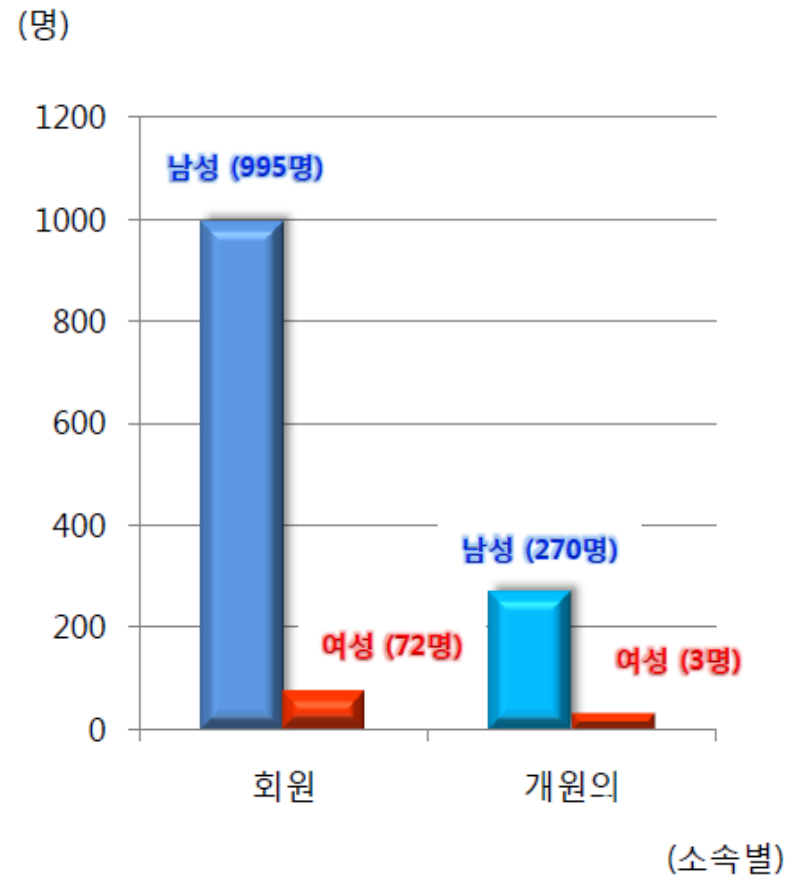
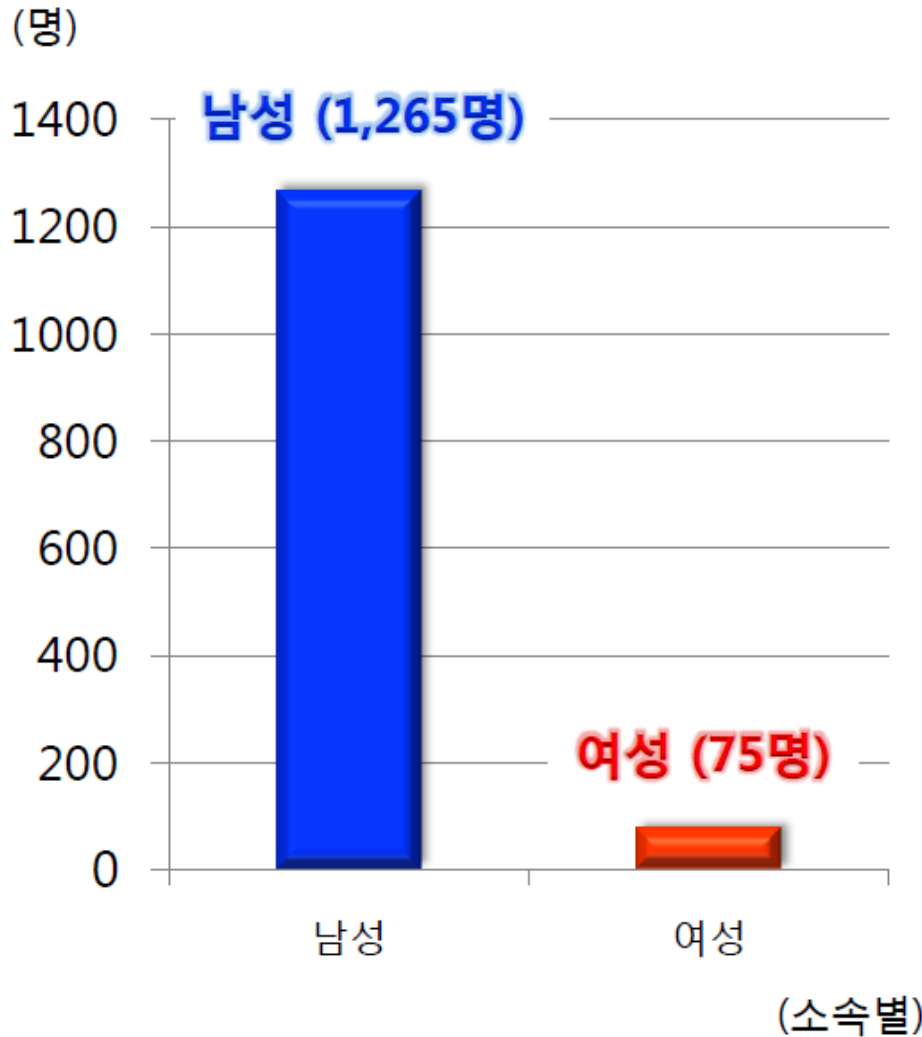
- Resident; 2017~2021
- Military service; 2021~2024
- Fellowship(?); 2021~2024  
;2024~2026

# 흉부외과 연도별 전문의 배출현황 1993-2014년

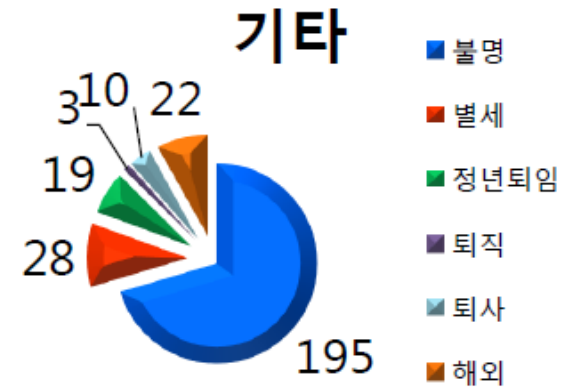
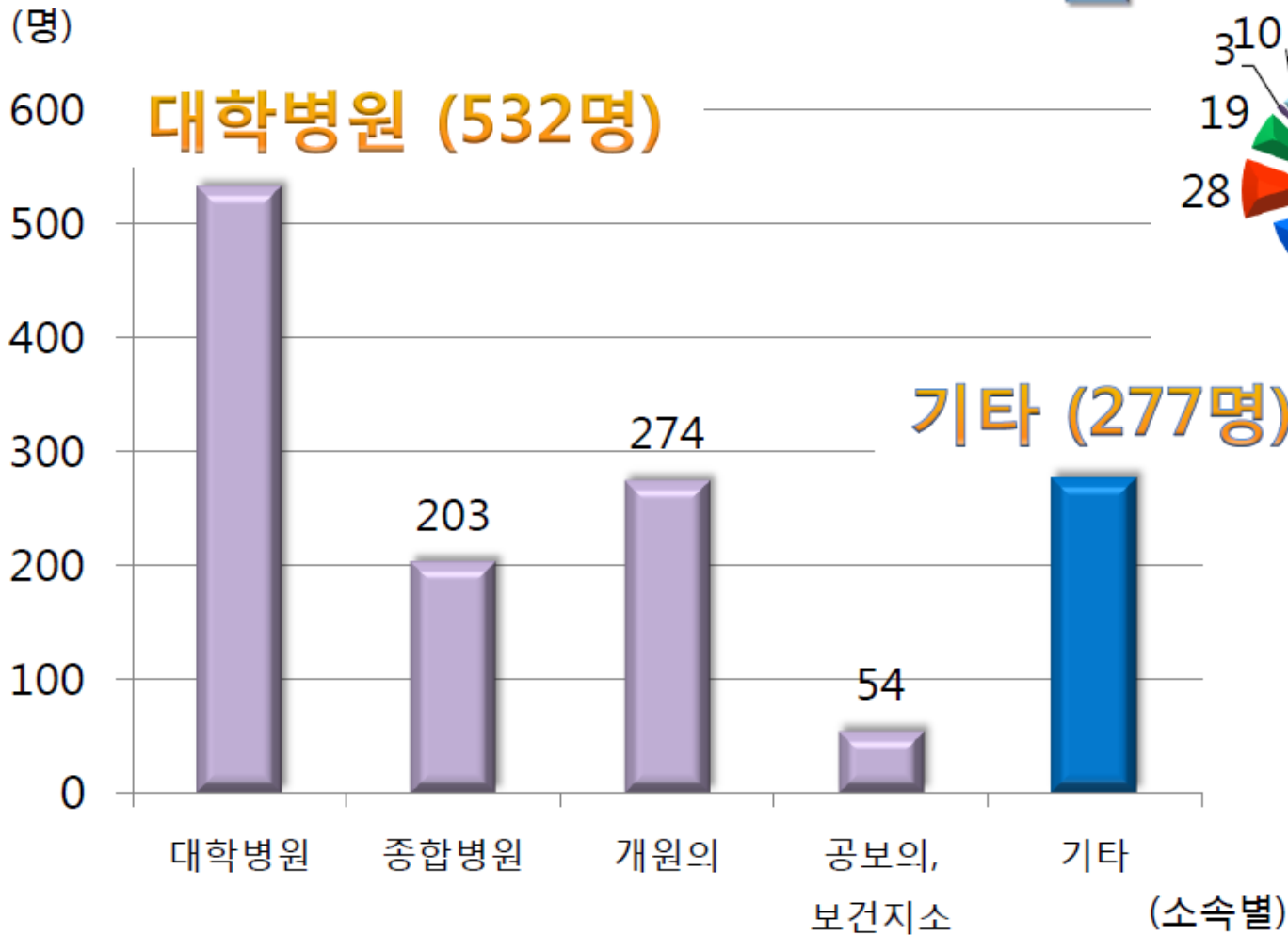


# 흉부외과학회 성별빈도

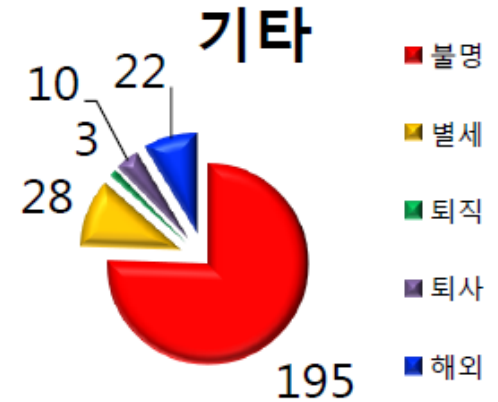
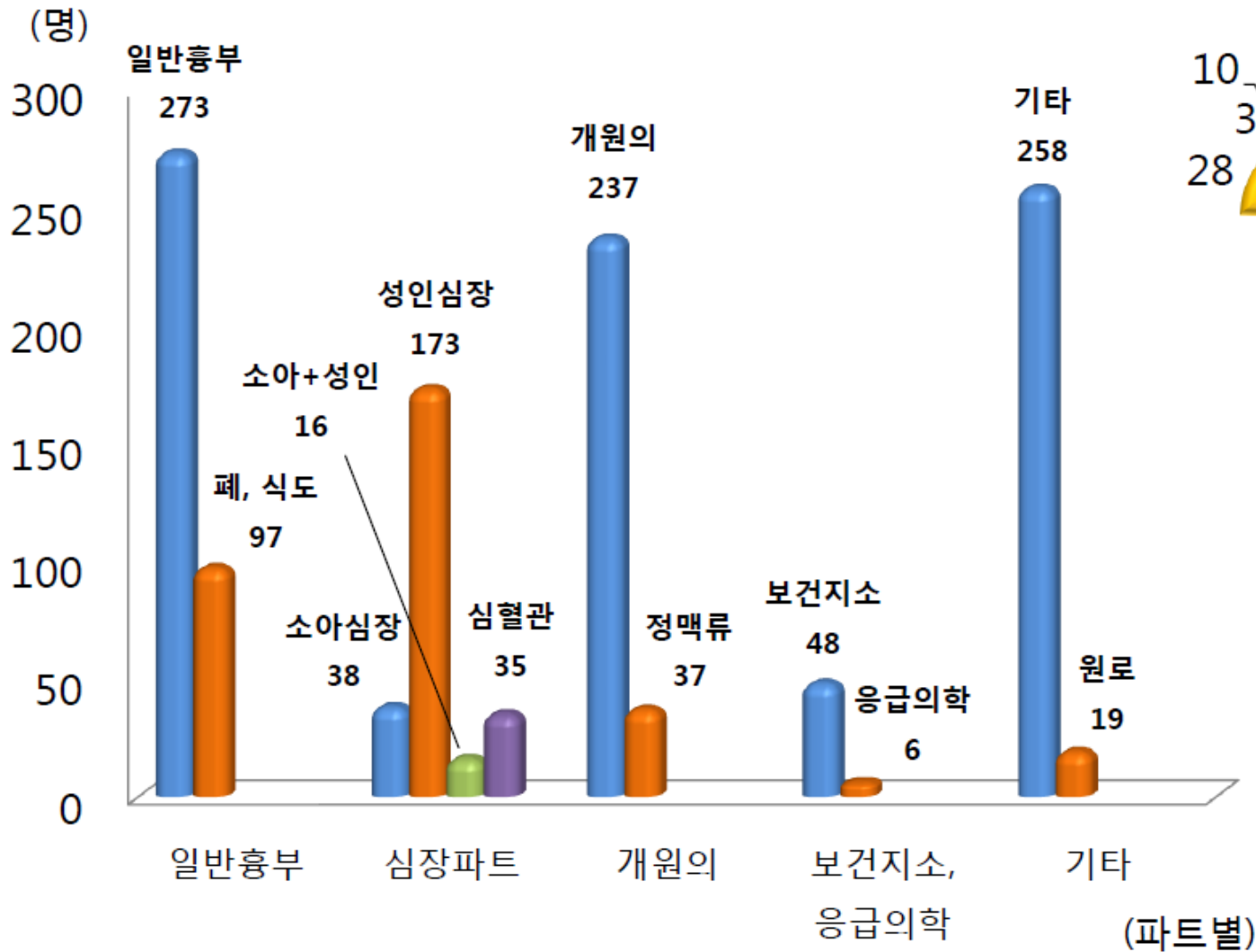
## 1926-1989년



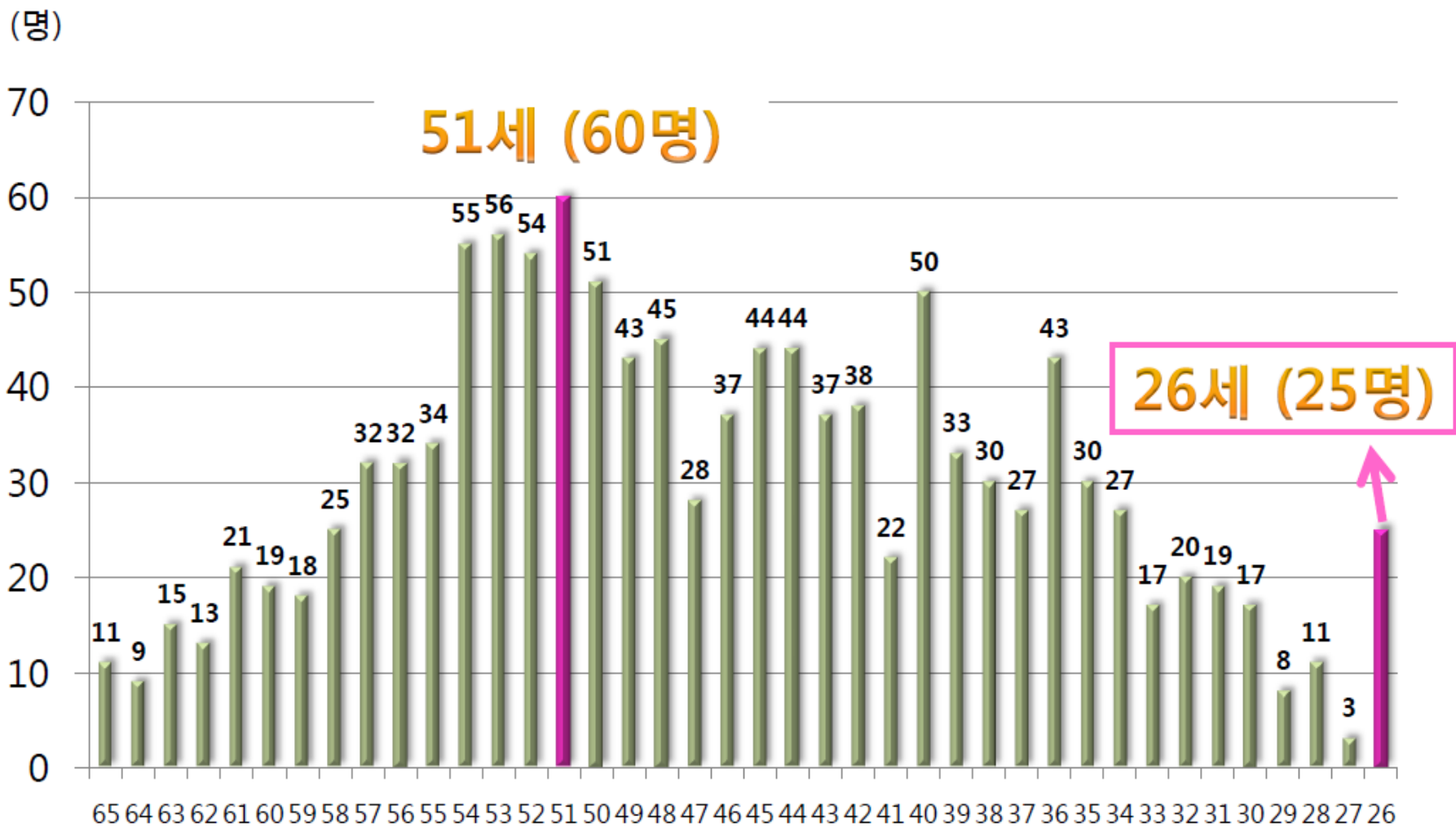
# 흉부외과학회 진출현황 1926-1989년



# 전문의 파트별 분야



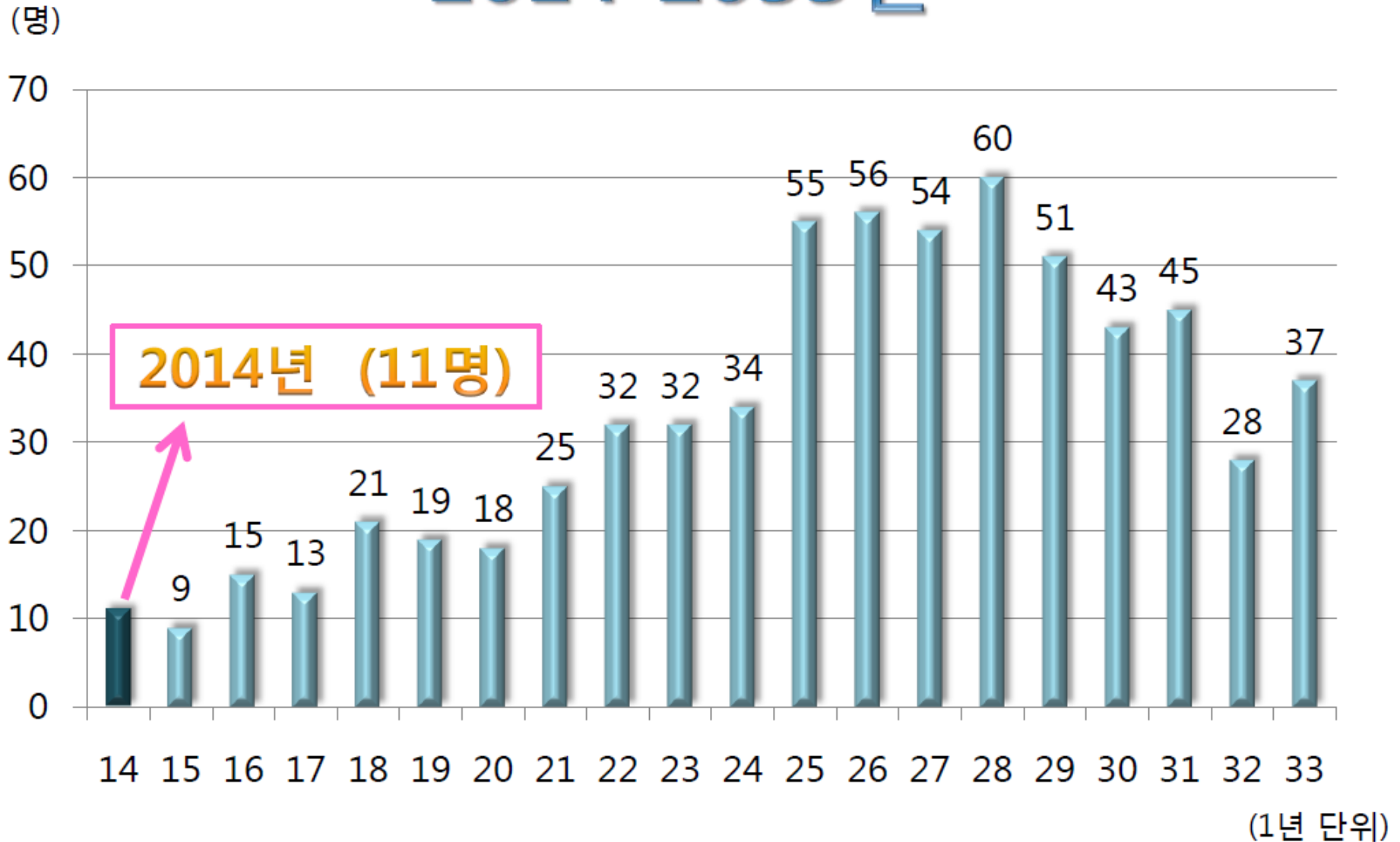
# 흉부외과학회 연령별 65-26세



(1년 단위)



# 65세 정년 퇴직 예정자 2014-2033년



# 전공의 및 전문의 현황

전공의(R) 총 103명



전공의+전문의 총 1,340명





# Training



# Cardio-vascular surgery

- Adult

  - Coronary surgery

  - Valve surgery

  - Aortic surgery

  - ECMO

  - Transplantation


- Congenital cardiac surgery

- Intensive care





# General thoracic surgery

- Lung surgery
  - Esophageal surgery
  - Trauma
  - Transplantation
  - Intensive care
- 

# Lung cancer surgery

- Extensive surgery
- T3 lesion; Chest wall, Superior sulcus tumor
- T4 lesion; Diaphragm, Esophagus, Carina, Trachea, Mediastinum, LA, Great vessels, Spine
- Extra-pleural pneumonectomy



# Minimally invasive surgery

- VATS
  - Robotic assisted thoracic surgery
- 

# Esophageal cancer surgery

- Resection

1. Stomach; EGJ cancer, LUQ( Spleen, Pancreas,Liver)

2. Larynx

3. Esophagectomy; LMB, Aorta, Trachea

- Lymphadenectomy; Abdominal, Thoracic, Neck



# Esophageal cancer surgery

- Reconstruction

1. Stomach

2. Colon; Right, Left

3. Jejunum; R-en-Y, pedicled jejunum

4. Free jejunal graft

5. Skin flap, M-C flap



# Prerequisite for Thoracic Surgeon

1. Challenging spirit
  2. Basic surgical techniques
  3. Prepare all possible conditions
  4. Creativity
  5. Responsibility
  6. Passion
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