

# EURONET SUMMER MEETING

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## Public Health Residency & Public Health in Turkey



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# Turkey Demographics\*

- **Population:** 80 810 525 (in 2017)
- **Istanbul:** 15 029 231 (~20% of Total )
- **Capital City:** Ankara
- **National Language:** Turkish
- **Currency:** Turkish Liras (1 Euro = 5.5 TL)
- **Minimum Wage:** ~290 Euro / Month
- **GINI Coefficient:** 0.404\*, 0.419\*\* (in 2016)

\*<http://www.turkstat.gov.tr/UstMenu.do?metod=temelist>

\*\*<https://data.worldbank.org/indicator/SI.POV.GINI?locations=TR>

# Life expectancy at birth\* (2017)

<b>Total</b>	78.0
<b>Female</b>	80.7
<b>Male</b>	75.3

<b>Population growth rate (End of the year)</b>	12.4
<b>Young age dependency ratio %</b>	34.7
<b>Elderly dependency ratio %</b>	12.6

# Health Indicators\* (2017)

<b>Total fertility rate</b>	2.07 (Number of Children)
<b>Crude birth rate</b>	16.1 ‰
<b>Mean age of mother</b>	28.7
<b>Crude death rate</b>	5.3 ‰
<b>Infant mortality rate</b>	9.2 ‰

# Public Health Training of Research Assistants

- *Terminology in Turkey:*
  - “Resident” in Research & Training Hospitals
  - “Research Assistant” in Universities
- MSc and Doctorate students also called as “Research Assistant”, so it may sometimes cause misunderstanding
- Public Health Specialization Training is given only in Universities
- Duration of Specialization Training: 4 years
- Fellowship Training is both in Universities and R & T Hospitals (3 branches)
  - Epidemiology (2 years)
  - Occupational Health (3 years)
  - Environmental Health (2 years)

# Public Health Training

- **Duration of MSc training:** 2 years (1 year theoretical course + 1 year thesis)
- **Duration of Doctorate training:** 4 years (2 years theoretical course + 2 years thesis)
- All physicians could apply for Doctorate programs in Medicine (Since they are all accepted as MSc)
- A physician who completed doctorate or specialization program (4 years) could be teaching staff (lecturer) in Medical Faculties of Universities
- In Turkey, doctorates/specialists is about 50 / 50 percent as lecturer



# Public Health Training

- In Turkey, there are about 100 Medical Faculties
- Most of them have public health specialization programs
- Currently, about 500 research assistants (with fellowships about 550 research assistants)
- Total 231 lecturer in Universities\*

# Training Program\*

- Theoretical education
  - Lectures
  - Seminars
  - Courses

## Basically,

- Public health concept
- Epidemiology
- Biostatistics
- Health Management
- Health Policies
- Occupational Health
- Environmental Health
- Communicable Diseases
- Woman Health
- Reproductive Health
- Child and Adolescent Health
- Geriatrics and Chronical Diseases
- Health Promotion
- Health Education
- Communication
- Demographics
- Medical Sociology and Antropology
- Community Mental Health
- Community Feeding
- Health Economics
- Extraordinary Situations and Disaster Management
- Public Health Ethics
- Accidents, Injuries and Prevention
- Approach to Special Groups

\*<https://dosyamerkez.saglik.gov.tr/Eklenti/14905,halksagligimufreadatv23pdf.pdf?0>

# Training Program\*

- Medicine is divided into three main branches in Turkey: **Basic Sciences, Clinical Sciences, Surgical Sciences**
- Public Health is included in **Clinical Sciences**
- Research assistants have obligatory internships after first year in;
  - Infectious Diseases and Clinical Microbiology,
  - Psychiatry,
  - Obstetrics & Gynaecological Diseases,
  - Pulmonary Diseases,
  - Internal Medicine,
  - Paediatrics
- Each rotation takes one month, total six months

# Training Program

- Field Training (Total six months in 3<sup>rd</sup> or 4<sup>th</sup> year)
  - City Health Authority
  - Laboratory of Public Health
  - Community Health Centre (TSM)
  - Cancer Early Diagnosis Screening and Education Centre (KETEM)
  - Family Health Centre (ASM)
  - Community Mental Health Centre (TRSM)
  - **Healthy Life Centre (will open soon) (SHM)**

# Summary – Example of My University

Year	Program	Additionally
1	Lectures, Seminars, Courses, working with 5 <sup>th</sup> and 6 <sup>th</sup> year students, article and report presentations, attending to public health lectures of medical students, writing manuscripts, researches	-
2	Lectures, Seminars, Courses, article and report presentations, attending to public health lectures of medical students, writing manuscripts, researches	<ul style="list-style-type: none"><li>• <b>Clinical rotations</b> start</li><li>• Literature research for subject of thesis</li></ul>
3	Same as second year	<ul style="list-style-type: none"><li>• <b>Field rotations</b> start</li><li>• Work about thesis</li></ul>
4	Same as second year	<ul style="list-style-type: none"><li>• Field rotations</li><li>• <b>Mainly work about thesis</b></li></ul>

# Post – training careers

## *There are two exams to complete training program,*

- **Thesis evaluation exam** by three juries

(One is out of the university, two are from own university)

- **Theoretical and practical exam** by five juries

(If there isn't enough jury in public health department, juries from departments of obligatory rotations in own university)

# Post – training careers

After completing four years of training program and passing exams;

**“Compulsory Work in Ministry of Health”**

**At least 1 – 2 years according to draw where you are appointed**

**Specialists can not work in private sector as physician without finishing this work !!!**

# Post – training careers

- Public health specialist could work in every phase of healthcare services
  - Community health centres
  - Dispensaries (as chief physician)
  - Hospitals (as chief physician or in quality units)
  - Health manager, Advisor, Researcher, Executer
  - Infection control committees
  - Occupational health units
  - Laboratories of Public Health
  - Ministry of Health
  - International organizations (such as WHO, United Nations)
- Mostly work in Community Health Centres, City Health Authorities in Turkey or in Universities
- Some prefer to work in private sector as advisor



# Turkish Society of Public Health Specialists (HASUDER)



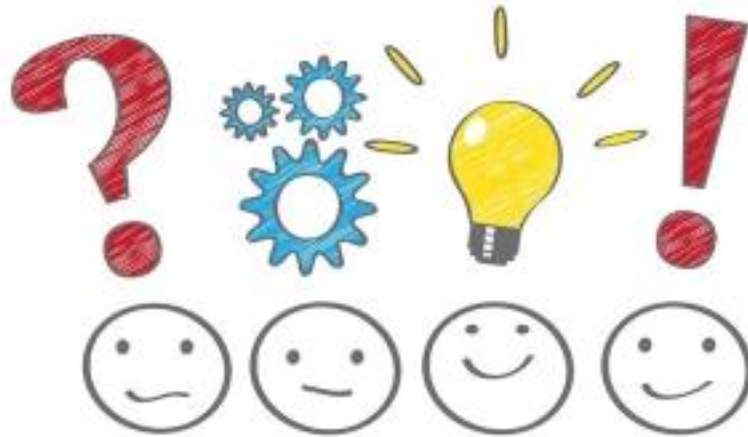
- Founded in 1995
- Unique NGO of public health professionals
- About 500 members
- All members in physician origin
- Doctorate or specialists (about 50/50 percent)
- Has lots of working groups
- Represents most of the public health professionals
- Has representative of research assistants

# National Commission Candidates



No	Name Surname	University
1	Ferhat YILDIZ	Adnan Menderes University - AYDIN
2	Yagmur KOKSAL YASIN	Adnan Menderes University - AYDIN
3	Emin ERKAL	Hacettepe University - ANKARA
4	Eray ONTAS	Hacettepe University - ANKARA
5	Cansu ERDEN CENGİZ	Marmara University - ISTANBUL
6	Neęe YUREKLI	Uludag University - BURSA
7	Ayęen TIL	Pamukkale University - DENİZLİ
8	Ozden AKSU	Istanbul University, Cerrahpasa - ISTANBUL
9	Merve KURNAZ	Marmara University - ISTANBUL

That's all shortly...



**Thank you😊**