CEOM MODENE 2017

FRIDAY 23 JUNE 2017

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CNOM VICE-PRESIDENT

CNOM REPRESENTATIVE TO THE ONDPS (FRENCH OBSERVATORY OF HEALTH PROFESSIONS)
COORDINATOR OF THE EUROPEAN OBSERVATORY OF MEDICAL DEMOGRAPHY (CEOM)
SUMMARY

SECTION 1: Doctors graduated out of France

SECTION 2: Longitudinal approaches

SECTION 3: Approaches by speciality
SECTION 1

DOCTORS GRADUATED OUT OF FRANCE
ORIGIN OF GRATUATED BETWEEN 2007 ET 2017
WORFORCE : FROM OBSERVED TO EXPECTED

22619 in regular activity

+ 90% entre 2007 et 2017
COUNTRY OF GRADUATED REGULAR ACTIVITY

Gratuaded from France (in regular activity):

2017: 175 240
2007: 187 367
- 6,5%

Gratuaded from UE and extra UE (in regular activity):

- UE 10 053 = 44% graduated out of France
- Extra UE 12 566 = 56% graduated out of France

UE and extra UE 2017: 22619 = 11% of all regular activity in 2017
UE and extra UE 2007: 11 447 = 6% of all regular activity in 2017
**DEMOGRAPHIC PROFILE**

The average age of doctors graduated from France is:

- 51 years old (all gender)
- 53 years old for men
- 49 years old for women
MODES OF PRACTICE

Modes of practice in regular activity (graduates Europeans and extra European)

Modes of practice in regular activity (graduates France)
MODES OF PRACTICE

Modes of practice in regular activity (graduates Europeans)

Proportion des modes modes d'exercice chez les médecins titulaires d'un diplôme UE 2017

Proportion des modes d'exercice
2 030
1 000
210

Liberal
Médecin
Salaré

42%
32%
26%

Liberal
Médecin
Salaré

64%
20%
16%

Proportion modes d'exerc
4 500
2 250
450

Liberal
Médecin
Salaré

45%
25%
30%
SECTION 2

LONGITUDINAL APPROACHES
DOCTORS GRADUATED OF AN EUROPEANS COUNTRY
MODES OF PRACTISE

Romania

2007

2017

Belgium

2007

2017
DOCTORS GRADUATED OF AN EUROPEANS COUNTRY
MODES OF PRACTISE

Italy

2007: 72% SAL, 20% MIXTE, 8% LIB
2017: 72% SAL, 20% MIXTE, 8% LIB

Germany

2007: 55% SAL, 9% MIXTE, 36% LIB
2017: 66% SAL, 9% MIXTE, 23% LIB

Note: SAL, MIXTE, and LIB likely represent different modes of practice.
DOCTORS GRADUATED OF AN EUROPEANS COUNTRY COUNTRY OF BIRTH

**Romania**
- Roumanie: 3901
- Liban: 394
- Moldavie: 68
- Syrie: 2

**Belgium**
- BELGIQUE: 964
- FRANCE: 860
- CONGO: 188
- LIBAN: 123
DOCTORS GRADUATED OF AN EUROPES COUNTRY COUNTRY OF BIRTH

Italy

<table>
<thead>
<tr>
<th>Country</th>
<th>2017</th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITALIE</td>
<td>1110</td>
<td>447</td>
</tr>
<tr>
<td>FRANCE</td>
<td>49</td>
<td>32</td>
</tr>
<tr>
<td>LIBAN</td>
<td>32</td>
<td>24</td>
</tr>
<tr>
<td>GRECE</td>
<td>19</td>
<td>4</td>
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</table>

Germany

<table>
<thead>
<tr>
<th>Country</th>
<th>2017</th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALLEMAGNE</td>
<td>553</td>
<td>520</td>
</tr>
<tr>
<td>CAMEROUN</td>
<td>14</td>
<td>8</td>
</tr>
<tr>
<td>FRANCE</td>
<td>27</td>
<td>17</td>
</tr>
<tr>
<td>ROUMANIE</td>
<td>13</td>
<td>12</td>
</tr>
</tbody>
</table>
**Doctors Graduated in Europeans Countries Average Age**

<table>
<thead>
<tr>
<th>State</th>
<th>2017</th>
<th></th>
<th>2007</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Men</td>
<td>Women</td>
<td>All</td>
<td>Men</td>
</tr>
<tr>
<td>Romania</td>
<td>48</td>
<td>45</td>
<td>46</td>
<td>58</td>
</tr>
<tr>
<td>Belgium</td>
<td>49</td>
<td>53</td>
<td>52</td>
<td>57</td>
</tr>
<tr>
<td>Italy</td>
<td>47</td>
<td>44</td>
<td>45</td>
<td>54</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State</th>
<th>2017</th>
<th></th>
<th>2007</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Men</td>
<td>Women</td>
<td>All</td>
<td>Men</td>
</tr>
<tr>
<td>Algeria</td>
<td>53</td>
<td>54</td>
<td>54</td>
<td>58</td>
</tr>
<tr>
<td>Syria</td>
<td>51</td>
<td>53</td>
<td>53</td>
<td>55</td>
</tr>
<tr>
<td>Morocco</td>
<td>52</td>
<td>54</td>
<td>55</td>
<td>58</td>
</tr>
</tbody>
</table>
DOCTORS GRADUATES OF AN EUROPEANS COUNTRY GRADUATED IN ROMANIA

The first ten qualifications exercised
REGIONAL REPARTITION GRADUATED IN ROUMANIA
DOCTORS GRADUATES OF AN EUROPEAN COUNTRY GRADUATED IN BELGIUM

<table>
<thead>
<tr>
<th>Qualification</th>
<th>2017</th>
<th>2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Médecine générale</td>
<td>503</td>
<td>526</td>
</tr>
<tr>
<td>Anesthésie-réanimation</td>
<td>199</td>
<td>162</td>
</tr>
<tr>
<td>Chirurgie générale</td>
<td>87</td>
<td>83</td>
</tr>
<tr>
<td>Gynécologie-obstétrique</td>
<td>66</td>
<td>82</td>
</tr>
<tr>
<td>Chirurgie orthopédique et traumatologie</td>
<td>64</td>
<td>69</td>
</tr>
<tr>
<td>Médecine du travail</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Psychiatrie</td>
<td>50</td>
<td>61</td>
</tr>
<tr>
<td>Ophtalmologie</td>
<td>36</td>
<td>61</td>
</tr>
<tr>
<td>Cardiologie et maladies vasculaires</td>
<td>34</td>
<td>30</td>
</tr>
<tr>
<td>Médecine interne</td>
<td>30</td>
<td>21</td>
</tr>
</tbody>
</table>

The first ten qualifications exercised.
REGIONAL REPARTITION GRADUATED FROM BELGIUM
DOCTORS GRADUATES OF AN EUROPEANS COUNTRY GRADUATED IN ITALY

The first ten qualifications exercised

**2017**

- Anesthesie-Reanimation: 157
- Medicine Generale: 154
- Chirurgie Generale: 139
- Radiodiagnostic et Imagerie Medicale: 89
- Medecine du Travail: 59
- Psychiatrie: 56
- Ophthalmologie: 55
- Gynecologie-Obstetrique: 54
- Chirurgie Thoracique et Cardio-Vasculaire: 46
- Cardiologie et Maladies Vasculaires: 46

**2007**

- Médecine Générale: 215
- Chirurgie Générale: 54
- Anesthesie-Reanimation: 34
- Chirurgie Thoracique et Cardio-Vasculaire: 24
- Cardiologie et Maladies Vasculaires: 21
- Ophtalmologie: 19
- Gynecologie-Obstetrique: 19
- Psychiatrie: 18
- Radiodiagnostic et Imagerie Medicale: 17
- Chirurgie Orthopedique et Traumatologie...: 16
REGIONAL REPARTITION - GRADUATED IN ITALY
DOCTORS GRADUATES OF AN EUROPEANS COUNTRY GRADUATED IN GERMANY

The first ten qualifications exercised
REGIONAL REPARTITION GRADUATED IN GERMANY
Proportion of doctors graduated in general medicine between 2007-2017:

- 2017: 54% HORS UE, 46% UE
- 2007: 61% HORS UE, 39% UE

Modes of exercises of Medical practitioners graduated out of France:

- 2017:
  - AUTO: 71% SAL, 5% MIXTE, 21% LIB
  - EEE: 39% SAL, 56% MIXTE, 4% LIB

- 2007:
  - AUTO: 78% SAL, 4% MIXTE, 17% LIB
  - EEE: 60% SAL, 3% MIXTE, 35% LIB

Spatial repartition of general practitioner graduated - extra UE

Spatial repartition of general practitioner graduated - UE
Gender of doctors graduated in general medicine in 2017

<table>
<thead>
<tr>
<th>AUTRE</th>
<th>UE</th>
</tr>
</thead>
<tbody>
<tr>
<td>28%</td>
<td>72%</td>
</tr>
<tr>
<td>58%</td>
<td>42%</td>
</tr>
</tbody>
</table>

Workforce's variation general practitioners (UE and extra UE) between 2007-2017

Variation of MG effects between 2007 and 2017

- **Augmentation**
- **Dissolution**
SURGICAL SPECIALITIES

Modes of exercises in the first three qualifications

Variation between 2007-2017
Spatial repartition of doctors practicing ophthalmology in 2017 (graduates UE and extra UE)

Workforce's variation ophthalmology UE and extra UE between 2007-2017

OPHTALMOLOGY
Spatial repartition of doctors practicing gynecology in 2017 (graduates UE and extra UE)

Workforce’s variation gynecology UE and extra UE) between 2007-2017
Spatial repartition of doctors practicing general surgery 2017 (graduates UE and extra UE)

Workforce’s variation general surgery UE and extra UE between 2007-2017
MEDICAL SPECIALITIES

Main medical qualifications 2007-2017

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Qualifications</th>
<th>Variation/2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anesthésie-Réanimation</td>
<td>2058</td>
<td>+56%</td>
</tr>
<tr>
<td>Psychiatrie</td>
<td>1844</td>
<td>+57%</td>
</tr>
<tr>
<td>Pédiatrie</td>
<td>1380</td>
<td>+49%</td>
</tr>
<tr>
<td>Radiodiagnostic et Imagerie Médicale</td>
<td>1378</td>
<td>+60%</td>
</tr>
<tr>
<td>Cardiologie et Maladies Vasculaires</td>
<td>993</td>
<td>+51%</td>
</tr>
<tr>
<td>Geriatrie</td>
<td>612</td>
<td>+95%</td>
</tr>
<tr>
<td>Pneumologie</td>
<td>528</td>
<td>+54%</td>
</tr>
<tr>
<td>Médecine du Travail</td>
<td>471</td>
<td>+85%</td>
</tr>
<tr>
<td>Neurologie</td>
<td>448</td>
<td>+65%</td>
</tr>
<tr>
<td>Gastro-Enterologie et Hepatologie</td>
<td>438</td>
<td>+60%</td>
</tr>
</tbody>
</table>

Qualifications and modes of exercises in 2017

Origin of graduates in 2017

- UE 43%
- Autre 57%
Spatial repartition of doctors practicing psychiatry 2017 (graduates UE and extra UE)

Workforce’s variation psychiatry UE and extra UE) between 2007-2017
Spatial repartition of doctors practicing pediatry 2017 (graduates UE and extra UE)

Workforce's variation pediatry UE and extra UE between 2007-2017