1. CONSUMPTION OF ANTIBIOTICS

QE1a. Have you taken any antibiotics orally such as tablets, powder or syrup in the last 12 months?

- **Yes**: 35% (EU27), 38% (BE)
- **No**: 65% (EU27), 62% (BE)

Socio-demographic breakdown:
- **Sex**: Male 32% (EU27), 35% (BE)  Female 39% (EU27), 41% (BE)
- **Age**: 15-24, 36% (EU27), 45% (BE)  25-39, 36% (EU27), 38% (BE)  40-54, 36% (EU27), 36% (BE)  55+, 36% (EU27), 36% (BE)
- **Education (End of)**: 36% (EU27), 40% (BE)  15-16, 35% (EU27), 36% (BE)  20+, 35% (EU27), 37% (BE)  Still studying 36% (EU27), 50% (BE)
- **Difficulties paying bills**: Most of the time 41% (EU27), 50% (BE)  From time to time 36% (EU27), 39% (BE)  Almost never 33% (EU27), 36% (BE)
- **Received information**: Yes 46% (EU27), 46% (BE)  No 30% (EU27), 29% (BE)

QE1b. How did you obtain the last course of antibiotics that you used?

- **From a medical prescription**: 83% (EU27), 87% (BE)
- **Administered by a medical practitioner**: 8% (EU27), 9% (BE)
- **You had some left over from a previous course**: 2% (EU27), 3% (BE)
- **Without prescription from a pharmacy / without prescription from elsewhere**: 3% (EU27), 3% (BE)
- **Don't remember / Don't know**: 0% (EU27), 2% (BE)

Base size: Respondents who have taken antibiotics in the past 12 months Evolution 2013 (EB79.4 05-06) - 2009 (EB72.5 11-12)

QE1c. What was the reason for last taking antibiotics that you used?*

- **Bronchitis (inflammation and swelling of the bronchi, the airways that carry airflow from the trachea into the lungs)**: 18% (EU27), 24% (BE)
- **Flu**: 18% (EU27), 17% (BE)
- **Cold**: 13% (EU27), 9% (BE)
- **Sore throat**: 11% (EU27), 10% (BE)
- **Urinary tract infection**: 5% (EU27), 6% (BE)

* Only the five most often given answers by respondents at EU level are shown

Base size: Respondents who have taken antibiotics in the past 12 months
2. KNOWLEDGE ABOUT ANTIBIOTICS

QE2a. For each of the following statements, please tell me whether you think it is true or false.

- Antibiotics kill viruses: 49% true, 44% false, 11% don’t know
- Antibiotics are effective against cold and flu: 41% true, 29% false, 4% don’t know
- Unnecessary use of antibiotics make them become ineffective: 94% true, 4% false, 2% don’t know
- Taking antibiotics often has side effects such as diarrhea: 66% true, 15% false, 8% don’t know

EU27 vs BE:

- EU27: 62% true, 4% false, 34% don’t know
- BE: 67% true, 15% false, 8% don’t know

* The correct answer is FALSE
** The correct answer is TRUE

Evolution 2013 (EB79 4-05-06) - 2009 (EB72 5-11-12)

QE2a(2). For each of the following statements, please tell me whether you think it is true or false.

1 correct answer: 15% EU27, 11% BE
2 correct answers: 32% EU27, 24% BE
3 correct answers: 29% EU27, 31% BE
4 correct answers: 22% EU27, 31% BE
At least one correct answer: 94% EU27, 97% BE

QE2a_SD. For each of the following statements, please tell me whether you think it is true or false.

<table>
<thead>
<tr>
<th>4 correct answers</th>
<th>EU27</th>
<th>BE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>22%</td>
<td>31%</td>
</tr>
</tbody>
</table>

- Sex
  - Male: 19% EU27, 26% BE
  - Female: 25% EU27, 36% BE

- Age
  - 15-24: 16% EU27, 25% BE
  - 25-39: 21% EU27, 27% BE
  - 40-54: 24% EU27, 33% BE
  - 55+: 21% EU27, 34% BE

- Education (End of)
  - 15-: 14% EU27, 20% BE
  - 16-19: 21% EU27, 26% BE
  - 20+: 32% EU27, 40% BE
  - Still studying: 18% EU27, 29% BE

- Has taken antibiotics
  - Yes: 21% EU27, 30% BE
  - No: 22% EU27, 32% BE

- Received information
  - Yes: 32% EU27, 39% BE
  - No: 17% EU27, 22% BE

Socio-demographic breakdown
3. ANTI-BIOTIC AWARENESS CAMPAIGNS (1/2)

3.1. In the last 12 months, do you remember getting any information about not taking any antibiotics unnecessarily, for example, messages about not taking antibiotics in case of cold or flu?

**EU27**
- Yes: 33%
- No: 67%

**BE**
- Yes: 52%
- No: 48%

**Evolution 2013 (EB79.4 05-06) - 2009 (EB72.5 11-12)**
- Yes: +1%
- No: -4%

**Fieldwork:** 24/05 - 9/06/2013

**Results for Belgium**

**Number of interviews:** 1,006

**Fieldwork:** 25/05 - 9/06/2013

**Methodology:** face-to-face

**Socio-demographic breakdown**

<table>
<thead>
<tr>
<th>Age</th>
<th>EU27</th>
<th>BE</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-24</td>
<td>71%</td>
<td>52%</td>
</tr>
<tr>
<td>25-39</td>
<td>68%</td>
<td>49%</td>
</tr>
<tr>
<td>40-54</td>
<td>65%</td>
<td>46%</td>
</tr>
<tr>
<td>55+</td>
<td>65%</td>
<td>49%</td>
</tr>
</tbody>
</table>

**Education (End of)**
- EU27: 76%
- BE: 59%
- 16-19: 68%
- 20+: 57%
- Still studying: 69%

**QE3a SD.** In the last 12 months, do you remember getting any information about not taking any antibiotics unnecessarily, for example, messages about not taking antibiotics in case of cold or flu?

**No**

<table>
<thead>
<tr>
<th>EU27</th>
<th>BE</th>
</tr>
</thead>
<tbody>
<tr>
<td>67%</td>
<td>48%</td>
</tr>
</tbody>
</table>

**QE3b.** Where did you first get this information about not taking any antibiotics unnecessarily?

- Saw it on a TV advertisement: 29%
- A doctor told me: 27%
- Read it in a newspaper or saw it on the TV news: 17%
- Saw it in a leaflet or on a poster: 5%
- A pharmacist told me: 4%
- A family member or friend told me: 4%
- Heard it on the radio: 3%
- Another health professional (e.g., nurse, physical therapist) told me: 3%
- Saw it on the Internet: 2%
- Other: 5%
- Don’t know: 1%

**Base size:** Those who received information in the last 12 months

**QE4.** Which of the following sources of information would you use in order to get trustworthy information on antibiotics?

- A doctor: 88%
- A pharmacy: 47%
- A hospital: 16%
- A nurse: 13%
- The Internet site from the (NATIONAL PUBLIC HEALTH INSTITUTE): 7%
- Family or friends: 6%
- Another health care facility: 5%
- The Internet site from the National Government/the Ministry of Health: 5%
- Another health related Internet site: 5%

**EU27 and BE**

*Only the items cited by 5% or more of respondents at EU level are shown.*
Antimicrobial resistance

3. ANTIBIOTIC AWARENESS CAMPAIGNS (2/2)

QE3c. Did the information that you received change your views on antibiotics?

<table>
<thead>
<tr>
<th></th>
<th>EU27</th>
<th>BE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>36%</td>
<td>38%</td>
</tr>
<tr>
<td>No</td>
<td>62%</td>
<td>61%</td>
</tr>
<tr>
<td>Don't know</td>
<td>2%</td>
<td>1%</td>
</tr>
</tbody>
</table>

Base size: Those who received information in the last 12 months (Evolution 2013 (EB79.4 05-06) - 2009 (EB72.5 11-12))

QE3d. In what way did this information change your views on antibiotics?

- You will always consult a doctor in situations when you think you need an antibiotic: 74%
- You will no longer take antibiotics without a prescription from a doctor: 79%
- You will no longer self-medicate with antibiotics: 22%
- You will no longer keep left over antibiotics for next time you are ill: 26%
- Other (SPONTANEOUS): 3%
- None (SPONTANEOUS): 1%
- Don't know: 1%

Base size: Those who received information that changed their views on antibiotics.

QE2b. Please tell me to what extent you agree or disagree with the following statement: Everyone has a role to play to ensure that antibiotics remain effective.

- Totally agree: 36% (EU27), 43% (BE)
- Tend to agree: 43% (EU27), 46% (BE)
- Tend to disagree: 12% (EU27), 9% (BE)
- Totally disagree: 9% (EU27), 11% (BE)
- Don't know: 6% (EU27), 4% (BE)

*The answers for 'Totally disagree' and 'Tend to disagree' are regrouped into the item 'Total Disagree'. Evolution 2013 (EB79.4 05-06) - 2009 (EB72.5 11-12)

QE2b_S0. Please tell me to what extent you agree or disagree with the following statement: Everyone has a role to play to ensure that antibiotics remain effective.

<table>
<thead>
<tr>
<th></th>
<th>EU27</th>
<th>BE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>79%</td>
<td>88%</td>
</tr>
<tr>
<td>Sex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>78%</td>
<td>87%</td>
</tr>
<tr>
<td>Female</td>
<td>79%</td>
<td>89%</td>
</tr>
<tr>
<td>Age</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-24</td>
<td>77%</td>
<td>87%</td>
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<tr>
<td>25-39</td>
<td>76%</td>
<td>89%</td>
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<tr>
<td>40-54</td>
<td>79%</td>
<td>90%</td>
</tr>
<tr>
<td>55+</td>
<td>80%</td>
<td>85%</td>
</tr>
<tr>
<td>Education (End of)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16-19</td>
<td>76%</td>
<td>86%</td>
</tr>
<tr>
<td>20+</td>
<td>79%</td>
<td>89%</td>
</tr>
<tr>
<td>Still studying</td>
<td>76%</td>
<td>89%</td>
</tr>
</tbody>
</table>

*The answers for 'Totally agree' and 'Tend to agree' are regrouped into the item 'Total Agree'. Socio-demographic breakdown.