

Influenza transmission indicator – Portuguese experience

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Transmission indicator

Weekly Influenza-like illness (ILI) incidence rate (/10⁵)

- National indicator;
- Availability of denominators (sum of users of each GP that reports ILI cases, even if zero, during the week)
- Stable surveillance system (since 1989);
- Timely (paper or web form);
- A subset of cases is laboratory tested for *Influenza*.

Thresholds

Moving Epidemic Method

Intensity levels defined according upper limit of the 40%, 90% and 97,5 one sided confidence interval of the geometric mean
Last **six** Influenza seasons

Table 1. Seasonal treshold and intensity levels (2016/17)

Baseline	Low	Moderate	High	Extraordinary
< 32,63	[32,63 - 73,41[[73,41 – 127,37[[127,37 – 162,48[≥ 162,48

Results

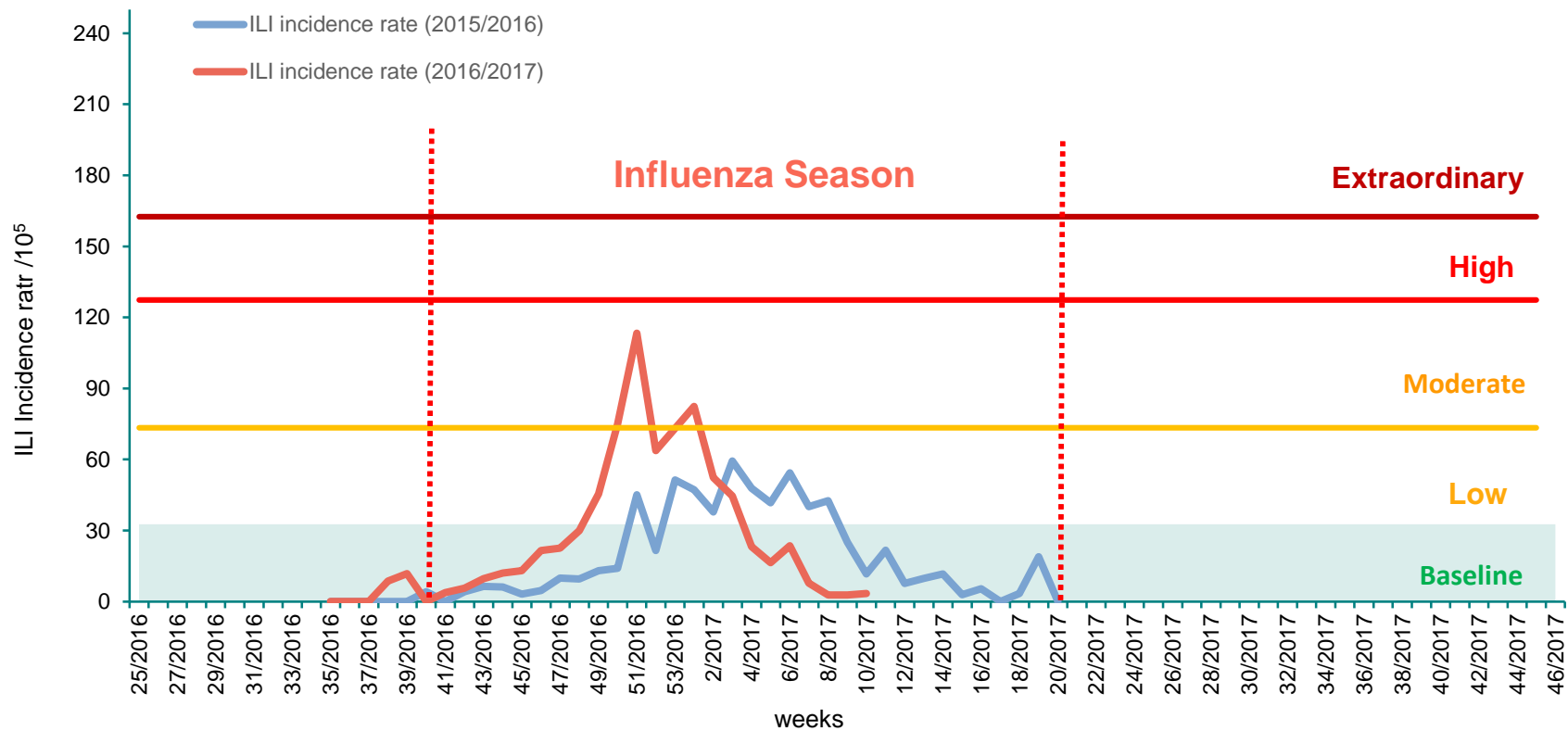


Figure 1. Weekly influenza-like illness during 2015/16 and 2016/17 season

Strengths and limitations

Strengths

Simplicity to assess influenza transmission each week

Virological data can be used

Limitations

Extra-ordinary intensity level is difficult to define

Influenced by health care seeking behavior

Does not allow disaggregation by age group

Thank you for your attention!