The following slides were presented and explained by Professor Philip Nolan, Chair of the Irish Epidemiological Modelling Advisory Group (IEMAG), at the press briefing on 16 April 2020.

The IEMAG intends to publish in due course a more technical report outlining the assumptions and methodologies involved.
Cumulative cases, hospitalisation's, admissions to ICU and deaths in Ireland to date
Growth rate cumulative cases (5 day average) of COVID-19 in Ireland to date

- Growth rate cumulative cases (5 day average, external tests backdated)
Growth rate (5 day average) in new confirmed cases of COVID-19 in Ireland to date

Growth rate (5 day average) in new confirmed cases of COVID-19 in Ireland to date.
Daily average ICU occupancy in confirmed cases of COVID-19 to date
Predicted COVID-19 cases per day in unmitigated and mitigated scenarios

- **R 3.7**
- **R 2.4**
- **R 1.2**

New cases per day:
- 29-Feb
- 30-Mar
- 29-Apr
- 29-May
- 28-Jun
- 28-Jul
- 27-Aug
- 26-Sep
- 26-Oct
- 25-Nov
New COVID-19 cases per day

- **confirmed cases**
- **New COVID-19 cases per day**
New COVID-19 cases per day and effect of a changing Reproduction Number

- Confirmed cases
- New COVID-19 cases per day
- Effect of changing Reproduction Numbers: R 0.8, 1.1, 0.8; R 0.8, 1.2, 0.8; R 0.8, 1.6, 0.8; R 0.8, 2.4, 0.8