**Table S.1.** Set of NPI measures that the Catalonian government introduced within the 14th of September and the 31st of May.

|  |  |  |
| --- | --- | --- |
| Description | Date of application | Details |
| 1st set of NPI | 15-10-2020 | * Social activities:   + Meetings of < 6 people   + Between “cohabitation bubbles” and “extended bubbles”   + Limited non-essential travels * Cultural and leisure activities:   + Closed: bingos, casinos, arcades, children's indoor play areas, local festivals   + 50% capacity in cultural activities and preassigned seats   + Closing time at 23:00 h   + Children’s playgrounds open until 20:00 h * Shops and shopping centres:   + 30% capacity in retail businesses   + 1,5 m of minimum distance between customers   + Closed: Beauty centres, except from hairdressers   + 30% capacity in non-sedentary markets * Religious acts and civil ceremonies:   + 50% capacity * Sports:   + 50% capacity in gyms   + Closed: unsupervised sports venues   + Postponed: non-professional competitions   + Not postponed: professional competitions * Hotels and restaurants:   + Closed: only home delivery or pick-up at the establishment by appointment   + 50% capacity in common areas in hotels * Universities and schools:   + Opened: schools, institutes, extracurricular activities and sports   + Universities: online theoretical teaching * Companies:   + Promotion of telework   + Air renovation before and after working hours   + Suspended: congresses, conventions and trade fairs |
| Introduction of RAT | 23-10-2020 | * Introduction of RAT in addition to PCR tests |
| 2nd set of NPI | 25-10-2020 | * Night-time confinement, from 22:00 h to 6:00 h   + Closed to the public at 21:00 h: services, retail businesses, restaurants, sportive and recreational activities and public spaces   + Closed to the public at 22:00 h: cultural activities. Attendees are allowed to return home between 22:00 h and 23:00 h * Exceptions:   + Emergency healthcare   + Acquisition of pharmaceutical products as a matter of urgency   + Travel to and from work, with the corresponding company certificate   + Travel of professionals, and accredited volunteer staff, to provide essential, health and social services   + Care for the elderly, minors, dependents either disabled or especially vulnerable, for undelayable reasons   + Urgent action in the courts   + Return to the place of usual residence   + Pet urgent care from 4:00 h to 6:00 h, individual travel   + Other causes of justified need |
| 3rd set of NPI | 29-10-2020 | * Forbidden to enter or leave Catalonia * During the weekends, forbidden to enter or leave municipality from 6:00 h on Friday until 6:00 h on Monday. Exceptions:   + Visits to the region’s cemeteries on October 31st and All Saints’ Day   + Health services, work trips or causes of justified need   + Individual sports activities between neighbouring municipalities * Closure of bars and restaurants extended. Food delivery at home until 23:00 h * Only loan service in libraries * Closed: theatres, cinemas, concert halls, sports centres and gyms.   + Shopping centres, except for shops that are food and essential services   + Shops of more than 800 m2 if the area is not reduced to 800 m2 and limit the capacity to 30%   + Extracurricular activities, except those done at school keeping the “group bubble” |
| Relaxation of previous NPI | 23-11-2020 | * Social activities:   + Meetings of < 6 people, within the “usual bubble” * Cultural and leisure activities:   + Closed: bingos, casinos, arcades, children's indoor play areas, local festivals   + 50% capacity in museums, libraries and exposition halls   + 50% capacity and 500 people limit in cinemas, theatres, auditoriums and concert halls   + Children’s playgrounds open until 20:00 h * Shops and shopping centres:   + Closed: shopping centres, except from first need shops with public access   + Opened: establishments offering close physical contact services, including hairdressers and beauty centres, with prior appointment and preventive measures   + 30% capacity in shops and non-sedentary markets * Religious acts:   + 30% capacity * Sports:   + 50% capacity in outdoor sports facilities and equipment   + 30% capacity in indoor facilities, with prior appointments and no dressing rooms, except for swimming activities * Restaurants:   + Home delivery until 23:00 h or pick-up at the establishment until 22:00 h   + Terraces open from 6:00 h to 21:30 h   + 30% capacity in indoor spaces from 6:00 h to 21:30 h   + 4 people per table and 2 m of separation between tables * Extracurricular activities:   + Opened: non-competitive sport activities in school, leisure educational activities outdoors   + Maximum of 6 people in indoor leisure educational activities and on-site extracurricular activities * Education:   + Opened: schools and institutes   + Reduction of on-site activities: baccalaureate, training courses and regulated general education courses   + Universities: online theoretical teaching * Companies:   + Promotion of telework   + Suspended: congresses, conventions and fairs * Lockdown:   + Forbidden to enter or leave Catalunya without justified motivation   + Forbidden to enter or leave the municipality from Friday at 6:00 h to Monday at 6:00 h   + Night-time confinement, from 22:00 h to 6:00 h, except from justified needs |
| December vaccination | 27-12-2020 | * First stage of vaccination |
| January NPI | 07-01-2021 | * Social activities:   + Meetings of < 6 people, from two “cohabitation bubbles”   + Indoor meetings limited to visits to dependent or vulnerable people within the “cohabitation bubble” * Cultural and leisure activities:   + Closed: bingos, casinos, arcades, children's indoor play areas, local festivals   + 50% capacity in cinemas, theatres, auditoriums, concert halls, museums, libraries and exposition halls. 500 people limit indoors, 1000 people limit outdoors   + 50 % capacity in children’s playgrounds, opened until 20:00 h * Shops and shopping centres:   + Closed: shopping centres and shops of more than 400 m2, except first need establishments   + 30% capacity in retail businesses, shopping centres of less of 400 m2 and non-sedentary markets. Opened from 6:00 h to 21:00 h * Religious acts:   + 30% capacity, maximum of 500 people indoors, 1000 people outdoors * Sports:   + 50% capacity in outdoor sports facilities and equipment, < 6 people   + Closed: indoor facilities and activities, competitions * Restaurants:   + Home delivery until 23:00 h or pick-up at the establishment until 22:00 h   + Terraces open from 7:30 h to 09:30 h and from 13:00 h to 15:30 h   + 30% capacity in indoor spaces from 7:30 h to 09:30 h and from 13:00 h to 15:30 h   + 4 people per table and 2 m of separation between tables * Extracurricular and leisure activities:   + Opened: activities in school or organised by educational centres, within the “educational group bubble”   + Closed: all others * Education:   + Opened: schools and institutes   + Reduction of on-site activities: baccalaureate, training courses and regulated general education courses   + Universities: online theoretical teaching * Companies:   + Promotion of telework   + Suspended: congresses, conventions and fairs * Lockdown:   + Forbidden to enter or leave Catalunya without justified motivation   + Forbidden to enter or leave the municipality without justified reason or to work   + Night-time confinement, from 22:00 h to 6:00 h, except from justified needs |
| February NPI | 08-02-2021 | * Social activities:   + Meetings of < 6 people, from two “cohabitation bubbles”   + Indoor meetings limited to visits to dependent or vulnerable people within the “cohabitation bubble” * Cultural and leisure activities:   + Closed: bingos, casinos, arcades, children's indoor play areas, local festivals   + 50% capacity in cinemas, theatres, auditoriums, concert halls, museums, libraries and exposition halls. 500 people limit indoors, 1000 people limit outdoors   + 50 % capacity in children’s playgrounds, opened until 20:00 h * Shops and shopping centres:   + Closed: shopping centres and shops of more than 400 m2, except first need establishments   + 30% capacity in retail businesses, shopping centres of less of 400 m2 and non-sedentary markets. Opened from 6:00 h to 21:00 h * Religious acts:   + 30% capacity, maximum of 500 people indoors, 1000 people outdoors * Sports:   + 50% capacity in outdoor sports facilities and equipment, < 6 people   + 30% capacity in indoor facilities and activities, <6 people and wearing masks   + Competitions only in state categories * Restaurants:   + Home delivery until 23:00 h or pick-up at the establishment until 22:00 h   + Terraces open from 7:30 h to 10:30 h and from 13:00 h to 16:30 h   + 30% capacity in indoor spaces from 7:30 h to 10:30 h and from 13:00 h to 16:30 h   + 4 people per table and 2 m of separation between tables * Extracurricular and leisure activities:   + All activities re-opened, groups of <6 people or those maintaining the bubble group. * Education:   + Opened: schools and institutes   + Reduction of on-site activities: baccalaureate, training courses and regulated general education courses   + Universities: online theoretical teaching * Companies:   + Promotion of telework   + Suspended: congresses, conventions and fairs * Lockdown:   + Forbidden to enter or leave Catalunya without justified motivation   + Forbidden to enter or leave the comarca without justified reason or to work   + Night-time confinement, from 22:00 h to 6:00 h, except from justified needs |
| February vaccination | 08-02-2021 | * Second stage of the vaccination |
| March NPI | 01-03-2021 | * Social activities:   + Meetings of < 6 people, from two “cohabitation bubbles”   + Indoor meetings limited to visits to dependent or vulnerable people within the “cohabitation bubble” * Cultural and leisure activities:   + Closed: bingos, casinos, arcades, children's indoor play areas, local festivals   + 50% capacity in cinemas, theatres, auditoriums, concert halls, museums, libraries and exposition halls. 500 people limit indoors, 1000 people limit outdoors   + 50 % capacity in children’s playgrounds, opened until 20:00 h * Shops and shopping centres:   + Closed: shopping centres and shops of more than 400 m2, except first need establishments   + 30% capacity in retail businesses, shopping centres of less of 400 m2 and non-sedentary markets. Opened from 6:00 h to 21:00 h * Religious acts:   + 30% capacity, maximum of 500 people indoors, 1000 people outdoors * Sports:   + 50% capacity in pools, outdoor sports facilities and equipment   + 30% capacity in indoor facilities and activities, <6 people and wearing masks   + Competitions only in international and state categories * Restaurants:   + Home delivery until 23:00 h or pick-up at the establishment until 22:00 h   + Terraces open from 7:30 h to 10:30 h and from 13:00 h to 16:30 h   + 30% capacity in indoor spaces from 7:30 h to 10:30 h and from 13:00 h to 16:30 h   + 4 people per table and 2 m of separation between tables   **From the 8 of March on, restaurants open from 07:30h to 17:00h.**   * Extracurricular and leisure activities:   + All activities re-opened, groups of <6 people or those maintaining the bubble group.   + Scholar trips allowed. * Education:   + Opened: schools and institutes   + Reduction of on-site activities: baccalaureate, training courses and regulated general education courses   + Universities: online theoretical teaching * Companies:   + Promotion of telework   + Suspended: congresses, conventions and fairs * Lockdown:   + Forbidden to enter or leave Catalunya without justified motivation   + Forbidden to enter or leave the comarca without justified reason or to work   + Night-time confinement, from 22:00 h to 6:00 h, except from justified needs |
| 15-03-2021 | * Social activities:   + Meetings of < 6 people   + Indoor meetings limited to visits to dependent or vulnerable people within the “cohabitation bubble” * Cultural and leisure activities:   + 30% capacity in bingos, casinos, arcades, children's indoor play areas, local festivals   + 50% capacity in cinemas, theatres, auditoriums, concert halls, museums, libraries and exposition halls. 500 people limit indoors, 1000 people limit outdoors   + 50 % capacity in children’s playgrounds, opened until 20:00 h * Shops and shopping centres:   + Closed: shopping centres and shops of more than 400 m2, except first need establishments   + 30% capacity in retail businesses, shopping centres of less of 400 m2 and non-sedentary markets. Opened from 6:00 h to 21:00 h * Religious acts:   + 30% capacity, maximum of 500 people indoors, 1000 people outdoors * Sports:   + 50% capacity in pools, outdoor sports facilities and equipment   + 30% capacity in indoor facilities and activities, <6 people and wearing masks   + All competitions allowed. Professional football and basketball without public. In others, 50% public outdoors and 30% public indoors * Restaurants:   + Home delivery until 23:00 h or pick-up at the establishment until 22:00 h   + Terraces open from 7:30 h to 17:00 h   + 30% capacity in indoor spaces from 7:30 h to 17:00 h   + 4 people per table and 2 m of separation between tables * Extracurricular and leisure activities:   + All activities re-opened, groups of <6 people or those maintaining the bubble group.   + Scholar trips allowed. * Education:   + Opened: schools and institutes   + Reduction of on-site activities: baccalaureate, training courses and regulated general education courses   + Universities: 30% of on-site teaching * Companies:   + Promotion of telework   + Suspended: congresses, conventions and fairs * Lockdown:   + Forbidden to enter or leave Catalunya without justified motivation   + Mobility limited to people within the same “cohabitation bubble”   + Night-time confinement, from 22:00 h to 6:00 h, except from justified needs |
| April NPI | 09-04-2021 | * Social activities:   + Meetings of < 6 people   + Indoor meetings limited to visits to dependent or vulnerable people within the “cohabitation bubble” * Cultural and leisure activities:   + 30% capacity in bingos, casinos, arcades, children's indoor play areas, local festivals   + 50% capacity in cinemas, theatres, auditoriums, concert halls, museums, libraries and exposition halls. 500 people limit indoors, 1000 people limit outdoors   + 50 % capacity in children’s playgrounds, opened until 20:00 h * Shops and shopping centres:   + 30% capacity. Opened from 6:00 h to 21:00 h, including weekends * Religious acts:   + 30% capacity, maximum of 500 people indoors, 1000 people outdoors * Sports:   + 50% capacity in pools, outdoor sports facilities and equipment   + 30% capacity in indoor facilities and activities, <6 people and wearing masks   + All competitions allowed. Professional football and basketball without public. In others, 50% public outdoors and 30% public indoors * Restaurants:   + Home delivery until 23:00 h or pick-up at the establishment until 22:00 h   + Terraces open from 7:30 h to 17:00 h   + 30% capacity in indoor spaces from 7:30 h to 17:00 h   + 4 people per table and 2 m of separation between tables * Extracurricular and leisure activities:   + All activities re-opened, groups of <6 people or those maintaining the bubble group.   + Scholar trips allowed. * Education:   + Opened: schools and institutes   + Reduction of on-site activities: baccalaureate, training courses and regulated general education courses   + Universities: 30% of on-site teaching * Companies:   + Promotion of telework   + Suspended: congresses, conventions and fairs * Lockdown:   + Forbidden to enter or leave Catalunya without justified motivation   + Forbidden to enter or leave the comarca without justified reason or to work   + Night-time confinement, from 22:00 h to 6:00 h, except from justified needs   **From the 26-04-2021 mobility within the whole Catalonia allowed** |
| April vaccination | 01-04-2021 | * Third stage of the vaccination |
| May NPI | 03-05-2021 | * Social activities:   + Meetings of < 6 people   + Indoor meetings limited to visits to dependent or vulnerable people within the “cohabitation bubble” * Cultural and leisure activities:   + 30% capacity in bingos, casinos, arcades, children's indoor play areas, local festivals   + 50% capacity in cinemas, theatres, auditoriums, concert halls, museums, libraries and exposition halls. 500 people limit indoors, 1000 people limit outdoors   + 50 % capacity in children’s playgrounds * Shops and shopping centres:   + 30% capacity. Opened from 6:00 h to 21:00 h, including weekends * Religious acts:   + 30% capacity, maximum of 500 people indoors, 1000 people outdoors * Sports:   + 50% capacity   + All competitions allowed. Professional football and basketball without public. In others, 50% public outdoors and 30% public indoors * Restaurants:   + Home delivery until 23:00 h or pick-up at the establishment until 22:00 h   + Terraces open from 7:30 h to 17:00 h   + 30% capacity in indoor spaces from 7:30 h to 17:00 h   + 4 people per table and 2 m of separation between tables * Extracurricular and leisure activities:   + All activities re-opened, groups of <6 people or those maintaining the bubble group.   + Scholar trips allowed. * Education:   + Opened: schools and institutes   + Reduction of on-site activities: baccalaureate, training courses and regulated general education courses   + Universities: 30% of on-site teaching * Companies:   + Promotion of telework   + Suspended: congresses, conventions and fairs * Lockdown:   + Forbidden to enter or leave Catalunya without justified motivation   + Night-time confinement, from 22:00 h to 6:00 h, except from justified needs |
| 09-05-2021  De-escalation | * Mobility allowed throughout Spain * Social activities:   + Meetings of < 6 people   + Indoor meetings restricted and limited visits to dependent or vulnerable people within the “cohabitation bubble” * Cultural and leisure activities:   + 30% capacity in bingos, casinos, arcades, children's indoor play areas, local festivals and amusement parks   + 50% capacity in cinemas, theatres, auditoriums, concert halls, museums, libraries and exposition halls. 500 people limit indoors, 1000 people limit outdoors   + 50 % capacity in children’s playgrounds * Shops and shopping centres:   + Opened until 22:00 h   + Opened from 6:00h to 23:00h, convenience stores * Religious acts:   + 50% capacity, maximum of 500 people indoors, 1000 people outdoors * Sports:   + 50% capacity   + All competitions allowed. Professional football and basketball without public. In others, 50% public * Restaurants:   + Terraces open from 7:30 h to 23:00 h   + 30% capacity in indoor spaces from 7:30 h to 23:00 h   + 4 people per table and 2 m of separation between tables * Extracurricular and leisure activities:   + All activities re-opened, groups of <6 people or those maintaining the bubble group.   + Scholar trips allowed. * Education:   + Opened: schools and institutes   + Reduction of on-site activities: training courses and regulated general education courses   + Universities: 30% of on-site teaching * Companies:   + Promotion of telework   + Suspended: congresses, conventions and fairs. Except for previous authorization |