

## Primary Care Practice in Response to the Covid-19 Epidemic. Between Weakening and Strengthening of the Dynamics of Local Coordination

Cécile Fournier<sup>1</sup>, Lucie Michel<sup>1</sup>, Noémie Morize<sup>1,2</sup>, Laure Pitti<sup>1,3</sup>, Matti Suchier<sup>1</sup>  
with the collaboration of Isabelle Bourgeois<sup>1,4</sup> and Vincent Schlegel<sup>1</sup>

The Studied Areas							
	Areas						Mainland France
	Les Prairies	Menhir	Pierre-Neuve	Les Acacias	Les Sapins	Cornaline	
<b>Characteristics of the area</b>							
Region	Grand-Est	Pays de la Loire	Île-de-France	Auvergne Rhône Alpes	Auvergne Rhône Alpes	Île-de-France	
Selected scale	Group of communes (40 communes)	Group comprising 1 commune and 2 hamlets	Group of 2 communes	Group of 3 communes	Group of 3 communes	QPV (Urban policy for distressed areas)	
Number of inhabitants (inh.) at the selected scale	Between 5,000 and 10,000 inh.	Between 5,000 and 10,000 inh.	Between 40,000 and 45,000 inh. (canton of 59,000 inh.)	Between 15,000 and 20,000 inh.	Between 50,000 and 55,000 inh.	Between 10,000 and 15,000 inh. (10% of the population of the commune)	
Spatial typology proposed by the authors	Marginal rural areas	Peri-urban area	Marginal urban areas	Peri-urban area	Downtown area	Marginal urban areas	
<b>Characteristics of the population</b>							
Percentage of people over 65 years old <sup>a</sup>	26% Group of communes	14.6% Living area	13.4% 2 communes	16.3% 3 communes	14.8% 3 communes	9.3% Commune	19.5%
Share of workers and employees in the population over 15 years old <sup>a</sup>	31.2% Group of communes	34.7% Living area	36.2% 2 communes	34.4% 3 communes	26.0% 3 communes	37.8% Commune	28.3%
Poverty rate (share of households) <sup>a</sup>	15.9% Group of communes	12% Living area	23.2% 2 communes	18% Commune A	18% Commune A	44.7% QPV (Urban policy for distressed areas)	14.8%
<b>Health care supply</b>							
Medical density (Number of self-employed GPs per 10,000 inh.) <sup>b</sup>	8.4 Group of communes	8.1 Living area	5.7 2 communes	11.9 3 communes	10.6 3 communes	4.7 Commune	8.8
Density of nurses (Number per 10,000 inh.) <sup>b</sup>	22.3 Group of communes	8.1 Living area	5.7 2 communes	18.9 3 communes	11.4 3 communes	3.6 Commune	14.9
Presence of a hospital	Regional hospital 30 km away 2 University hospitals > 50 km	University hospital 20 km away	University hospital in commune B, part of a Regional Hospital Group	Private hospital in commune A Nearest University hospital: 35 km	University hospital in the neighbouring commune	Regional hospital in the commune, part of a Regional Hospital Group	
<b>Intensity of the Covid-19 Epidemic</b>							
Excess mortality in the <i>département</i> <sup>c</sup> Difference in deaths between 2020 and 2019, from March 1 <sup>st</sup> to April 13 <sup>th</sup>	33%	14%	67%	23%	5%	128%	26%

Sources: <sup>a</sup> INSEE 2018 (Poverty rate for the following areas: Menhir, Les Acacias, Les Sapins, Cornaline and mainland France); INSEE 2017 (other data).

<sup>b</sup> Recalculated data at the indicated scale. CartoSanté, 2019 National Health Professionals File (*Fichier national des professionnels de santé*, FNPS).

<sup>c</sup> © 2020 Collaborative database (Mariette and Pitti, 2020). Data: INSEE.

<sup>1</sup> The Institute for Research and Information in Health Economics (IRDES) <sup>2</sup> The Centre for the Sociology of Organisations, a research unit of Sciences Po

<sup>3</sup> The Centre for Sociological and Political Research Centre of Paris (CRESPPA) <sup>4</sup> Icone Médiation santé