

<b>INFORMATION SHEET N°</b>	9	<b>TARGET</b>	3.3/3.8
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**OUTPUT**

<b>Indicator</b>	Accessibility of healthcare activity facilities		
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<b>Description</b>	Proportion of the population living less than a 5-minute walk (400 m) from health facilities, including hospitals, healthcare centres and medical-speciality centres.		
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<b>Type</b>	GIS	<b>Source</b>	Based on the 5-minute city principle (UMF, JRC)
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**Data source**

<b>Madrid Nuevo Norte</b>	Plots with health facilities	<b>BIM</b>	NO
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Combination of the following files into a single GIS layer:

- 1997 SPECIFIC MODIFICATION OF THE CITY PLAN in the Planning Areas: APE 08.03 "Prolongación de la Castellana" AND APE 05.27 "Colonia Campamento" for the Definition of the Determinations and Planning Parameters of the Urban Development Operation "MADRID NUEVO NORTE". V. DETAILED PLANNING DOCUMENTATION 4. Specific Urban Development Regulations
- MNN\_AD.GDB

Street layout	<b>BIM</b>	NO
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Combination of the following files into a single GIS layer:

- MNN\_AD.GDB
- Red - Transportes\_MPG\_200211

Population: Location and number of inhabitants	<b>BIM</b>	NO
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Combination of the following files into a single GIS layer:

- AreaMovimiento.GDB
- 1997 SPECIFIC MODIFICATION OF THE CITY PLAN in the Planning Areas: APE 08.03 "Prolongación de la Castellana" AND APE 05.27 "Colonia Campamento" for the Definition of the Determinations and Planning Parameters of the Urban Development Operation "MADRID NUEVO NORTE". V. DETAILED PLANNING DOCUMENTATION 4. Specific Urban Development Regulations

<b>Comparison</b>	Health centres
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- NOMEALLES. Official nomenclator and street map of the Region of Madrid (<https://www.madrid.org/nomecalles/DescargaBDTCorte.icm>)

Street layout
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- Roadway: Travel axes. NOMEALLES. Official nomenclator and street map of the Region of Madrid (<https://www.madrid.org/nomecalles/DescargaBDTCorte.icm>)

Population: Location and number of inhabitants
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- Population polygons: Urban Atlas 2018 (<https://land.copernicus.eu/>)

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**OUTPUT**

**Calculation method**

The methodology for calculating the level of service of health facilities is the same as the one described in the section "Methodology for calculating accessibility indicators".  
 During the activity of Madrid Nuevo Norte, the precision of the indicator may be improved with the actual population figures and locations, the detailed layout of the streets in Madrid Nuevo Norte and the final locations of facilities.

**OUTCOME**

<b>Indicator</b>	<b>Unit</b>	<b>Source</b>
Unmet health care needs	%	Spanish Statistical Office ( <a href="https://www.ine.es/dyngs/ODS/es/objetivo.htm?id=4846">https://www.ine.es/dyngs/ODS/es/objetivo.htm?id=4846</a> )
Proportion of people living in households with high health expenses, greater than 10% of total household expenditure	%	Spanish Statistical Office ( <a href="https://www.ine.es/dyngs/ODS/es/objetivo.htm?id=4846">https://www.ine.es/dyngs/ODS/es/objetivo.htm?id=4846</a> )
Proportion of people living in households with high health expenses, greater than 25% of total household expenditure	%	Spanish Statistical Office ( <a href="https://www.ine.es/dyngs/ODS/es/objetivo.htm?id=4846">https://www.ine.es/dyngs/ODS/es/objetivo.htm?id=4846</a> )