Supplemental file: tables

Table 1 Definition of emergency medical services (EMS).

Type of EMS	Includes:
without transport service)	VMER: resuscitation and emergency medical vehicle (fly car), crewed by an emergency medical physician and a nurse, and advanced features of life support equipment. Territorial base in a hospital emergency unit. MEM: medical emergency motorcycle (motorcycle ambulance), crewed by a single medical emergency technician and basic life support materials. INEM's own territorial base. *These EMS do not transport the patient, only perform care at the place of the occurrence. If the patient needs to be transported to a hospital emergency unit, it will be necessary to support an EMS with transport capacity.
EMSWith transport service	AEM: basic life support ambulance, crewed by two emergency medical technicians. INEM's own territorial base. AS: working in complementarity and articulation with other emergency medical services and crewed by crew trained in emergency medical techniques. Territorial base ate the fire stations or delegations Portuguese Red Cross. SIV: immediate life support ambulance, similar to an AEM, but with performs resuscitation technique and emergency medical nurse in its crew instead of a second emergency medical technician. Territorial base in a basic emergency unit.

Source: SNS-INEM, 2019

Table 2 Population (%) located in each travel time class.

All population	EMS without transport	EMS with transport	
Time (minutes)	From EMS to section only	From EMS to section only	From EMS to section and to hospital
[0;5[	43.7%	91.2%	18.4%
[5;10[	38.7%	7.9%	47.5%
[10;15[	12.5%	0.82%	21.3%
[15;20[	2.8%	0.05%	8.0%
[20;25[	1.7%	0.0%	3.0%
[25;30[	0.4%	0.0%	1.0%
[30; max]	0.06%	0.0%	0.9%
Maximum time	34.9 min	18.5 min	44.7 min
Sources: INE, network analysis, authors' calculation.			

Table 3. Population (%) located in each travel time class and deprivation class.

Very Low MDI	EMS without transport	EMS with transport	
Time (minutes)	From EMS to section only	From EMS to section only	From EMS to section and to hospital
[0;5[	58.7%	97.7%	26.0%
[5;10[	32.0%	2.2%	53.3%
[10;15[	7.5%	0.04%	15.8%
[15;20[	1.4%	0.0%	3.2%
[20;25[	0.4%	0.0%	1.4%