




- The system is mainly public

 **The Ministry of Health has information mainly from the public sector**

 In recent years it has been difficult to obtain information from the private sector

 **Some measures to obtain information from the private sector are being implemented:**

 Law changes;

 Meetings with stakeholders to collect information.

Main source of information:



Information system to process wages







➔ There are some limitations related to the quality of information (not filled fields, different parameterizations)







- ➔ Ongoing measures:
- Central data base;
 - Cover 100% of NHS institutions;
 - Improve the quality of information;
 - Develop a BI system;
 - Connect to the biometric registration.

Areas		Labour force		
Characterisation	Category	MDS Supply	Portugal	
Profession		X		
Age		X		
Head count		X		
FTE		X		→ We have information to calculate FTE. Data quality depends on ongoing measures.
Geographical area		X		
Specialisation (where relevant)		X		
Country of first qualification		X		→ We do not have this information. Need to change IS to collect it.
Gender		X		

Areas		Training	
Characterisation	Category	MDS Supply	Portugal
Profession		X	
Age		X	
Head count		X	
Geographical area		X	
Specialisation (where relevant)		X	
Country of first qualification		X	

⇒ We have information for doctors in training.

Areas		Retirement	
Characterisation	Category	MDS Supply	Portugal
Profession		X	
Age		X	
Head count		X	
Geographical area		X	
Specialisation (where relevant)		X	
Country of first qualification		X	 → We do not have this information. Need to change IS to collect it.

Areas		Migration (outflow)		
Characterisation	Category	MDS Supply	Portugal	
Profession		X		We do not have this information.
Age		X		Changes to our IS will have limited impact on this issue.
Head count		X		
Geographical area		X		Some professional associations have information on migration.
Specialisation (where relevant)		X		
Country of first qualification		X		




Areas		Migration (inflow)	
Characterisation	Category	MDS Supply	Portugal
Profession		X	☹️
Age		X	☹️
Head count		X	☹️
Geographical area		X	☹️
Specialisation (where relevant)		X	☹️
Country of first qualification		X	☹️




We have information on foreigners who are working in the NHS.

We know when they enter to the system, but we do not know if they are new immigrants.

We may try to improve our IS to collect this data.

Some professional associations have information on migration.

Areas		Population	
Characterisation	Category	MDS Demand	Portugal
Age		X	
Head count		X	
Geographical area		X	

Areas		Health Consumption	
Characterisation	Category	MDS Demand	Portugal
Age		X	
Head count		X	
Geographical area		X	

We have information on total costs (public sector) with the provision of health care.

We recently conducted a survey on the cost of inpatient by age.

Based on this information will be possible calculate the required indicators.