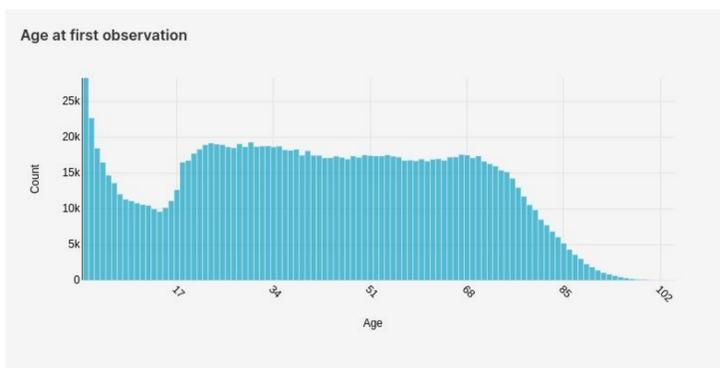


# Mapping more than 1.4 million patients from Greece to OMOP-CDM

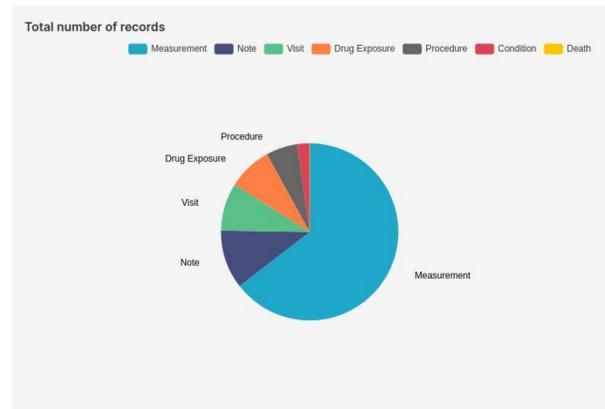
*Title: Conversion of the Papageorgiou General Hospital EHR to the OMOP Common Data Model*

**Background:** Papageorgiou General Hospital (PGH) situated in Thessaloniki, Greece, has facilities comprising 30 clinics, including 2 Internal Medicine clinics, 2 Surgery clinics, 9 collaborative departments, and 10 laboratory centers. It accommodates over 220,000 hospitalization days annually, conducts 15,000 surgeries each year, and caters to 1,200 daily visits at outpatient departments.

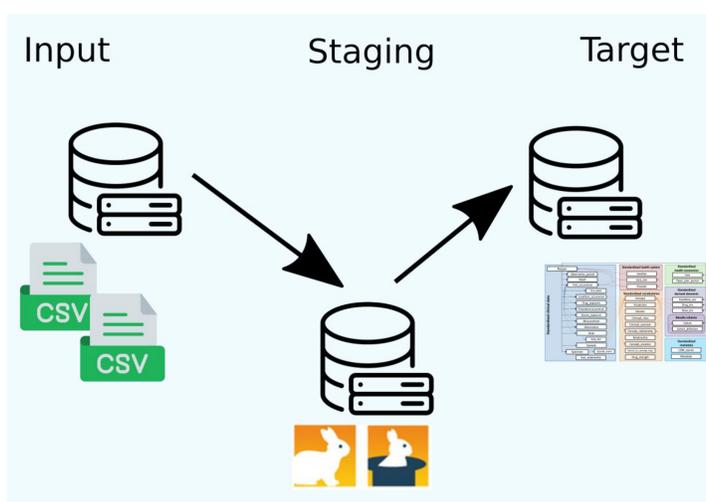
Result 1: Distribution of age at first record in the database.



Result 2: Distribution of records by domain.



## Methods



Vocabulary mapping:

- automated translation of Greek terms
- manual verification by a trained medical professional
- mapping of PGH database terms to OMOP using USAGI
- conflicts resolved over 1-on-1 meetings with physician

**Conclusion:** We successfully mapped the PGH database to OMOP-CDM, capturing data of patients treated in one of the largest hospitals in the Balkans, an area that is notably under-represented within the EHDEN network.



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