

Oregon Emergency Medical Services Information Systems (OR-EMSIS) data schema

EMS providers care for patients in the field and fill out electronic patient care report (ePCR) forms.

Every NEMSIS XML document is validated using a national XML Schema (XSD), a national Schematron schema, and a state Schematron schema.

Patient care info is transmitted to ImageTrend servers in the cloud once devices are connected to the internet.

Patient care information is viewable by agencies and healthcare partners.



State-supported ImageTrend



Agency-owned ImageTrend



Other vendor



ePCRs are uploaded to the ImageTrend cloud automatically via web service call, regardless of vendor system.

Oregon requires several fields not required at the national level

See more info about the XSD, schematron and state and national data dictionary here: <https://nemsis.org/>



State of Oregon OR-EMSIS



NEMSIS national EMS dashboards



Agency computer

Data are viewable via agency computers and are sent to the state and NEMSIS.



Hospital users can log into Hospital Hub to view ePCR's in real time.



Hospitals can type in patient outcome information to populate the EMS record.



Trauma coordinators link Oregon Trauma Registry record to one or more ePCRs, populating information within the registry and sending outcome information back to OR-EMSIS.

ePCR data are available for hospital users; hospital users can choose to provide outcome info back to EMS agencies.