**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 | Emergency medical services data are collected in the field using NEMSIS-compliant electronic health record software. | See more info about the XSD, schematron and state and national data dictionary here: https://nemsis.org/ | Data are viewable via agency computers and are sent to the state and NEMSIS. | ePCR data are available for hospital users; hospital users can choose to provide outcome info back to EMS agencies. |

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- 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.
- Manual entry
- Registrar establishes link
- 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.