The Kentucky Health Information Exchange (KHIE) serves as the data intermediary in Kentucky for healthcare providers seeking to electronically submit cancer case reports to the Kentucky Cancer Registry (KCR). Providers who treat and/or diagnose cancer and are eligible to participate. Cancer case submission through KHIE counts toward Measure 3—Specialized Registry Reporting for Meaningful Use.

What KHIE Needs

⇒ Signed KHIE participation agreement and Kentucky Cancer Registry Authorization addendum
⇒ Web service connection to KHIE
⇒ HL7 version 2.5.1 messages generated by 2014 CEHRT that contain:
  • Cancer Registry CDA document
  • Receiving Application (MSH-5) and Receiving Facility (MSH-6) identifying the Kentucky Cancer Registry as the intended recipient of the HL7 message

How it Works

KHIE inspects the Message Header (MSH) segment and automatically forwards HL7 messages that specify the Cancer Registry as the intended receiver. KHIE does not validate message content prior to forwarding messages to the Cancer Registry. The Kentucky Cancer Registry team will work with the EHR vendor and healthcare provider during onboarding to validate cancer case information received.