Helios FHIR Accelerator for Public Health Home

MISSION STATEMENT

The Accelerator is an alliance of Government, Private Sector, and Philanthropic partners that will help to ensure public health needs are at the forefront as the US Core FHIR profiles evolve and rollout nationwide. The Accelerator will focus on extending and adopting existing HL7 specifications in ways that are scalable, adaptable, sustainable, and suitable for public health. Participants in the Accelerator will help to provide the resources and technical support needed for public health practitioners to develop, test, and adopt more efficient, FHIR-based ways of accessing and exchanging data nationwide. Initial support is being provided by CDC and ONC, with ongoing investment from private industry, government, and philanthropic sources. Membership is open to state, tribal, local, territorial and Federal Public Health agencies, private sector partners and other groups interested in the equitable and effective use of data for the advancement of public health. Interested parties are encouraged to email us at helios@hl7.org.

Strengthen Every Link in the Chain

HELIOS PRIORITY AREAS FOR 2022

Make Data in Public Health Systems Accessible in Bulk

Ensure authorized users of immunization information systems can access vaccination data in bulk.

This will help health providers and payers to proactively support their patient populations by addressing gaps in care and preventing redundancies while lowering burden on state public health agencies and on data requestors. Helios members will help create a uniform process for querying immunization data in IIS, leveraging BulkFHIR. Helios members will also assist in developing implementation guidance and open-source code samples, conducting pilots, and participating in Collaborations.

Deliver Aggregate Information to Public Health

Provide public health critical data needed on healthcare resource capacity during emergencies and other events of public health importance.

This will help address a wide range of public health preparedness and data aggregation needs while lessening the strain on health care and public health during times when both systems are most taxed. Helios members will focus on one or two measures (e.g., bed count, supply inventory) and demonstrate ways FHIR can help deliver mission-critical capacity information to public health partners on the front lines both during emergencies and routine operations.

Align and Optimize Public Health Data Sharing

Identify commonalities and assess optimal ways for public health to access data in EHRs that would not be easily available under existing data channels.

This will demonstrate ways in which FHIR can help support public health action and improve the quality and consistency of public health data shared nationwide while saving time, money, and effort. Helios members will identify common requirements and assess various FHIR-based paradigms for accessing and exchanging patient-level data in EHRs. Helios members will also identify opportunities for collaboration and accelerated development with industry and will pilot a subset of the approaches identified. The assessment and pilots will inform a strategic roadmap to help align and advance public health adoption of FHIR moving forward.
Complement and Evolve What Exists
Recent Presentations

Jan 11th Overview
Jan 21st Presentation at HL7 Working Group Meeting

Use Cases

The Helios Accelerator is accepting suggestions on future use cases. Visit the 2022 Use Cases page for more details.

Contact Us

Contact Us: Helios@hl7.org
Helios HL7 Homepage: http://www.hl7.org/helios/
Helios ListServ: helios@lists.hl7.org
Join Helios ListServ: http://www.hl7.org/myhl7/managelistservs.cfm
Key Contacts

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Program Managers

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Recent space activity

- Forrest White (updated yesterday at 3:50 PM)
- Craig Newman (updated Jul 12, 2023)

Space contributors

- Forrest White (23 hours ago)
- Craig Newman (1 day ago)
- Grace Yang (27 days ago)
- ...