



## Section 1: Executive Summary

In accordance with 42 CFR Part 495.338, the State of Connecticut Department of Social Services (Department) submits this Health Information Technology Annual Implementation Advanced Planning Document Update (HIT IAPD-U) to obtain enhanced 90 percent Federal Financial Participation (FFP) for the continued implementation and administration of the Electronic Health Record (EHR) Incentive Program (Program) for Connecticut Medicaid. Funding is requested to support the following efforts which were supported by the Center for Medicare & Medicaid Services (CMS) in prior HIT IAPD submissions and/or in alignment with the vision and goals of the Connecticut Medicaid Health Information Technology Plan (SMHP) approved August 29, 2016:

1. Administration of the Medicaid Electronic Health Record (EHR) Incentive Program, including
  - o Provider outreach
  - o Attestation system changes for program year 2017 and 2018
  - o Pre-payment validation and post payment audits
2. Continue to improve information exchange by enhancing the interoperability hub for Medicaid using Direct Messaging Services via the MEDS Project: The Secure Transport of Electronic Prescriptions of Medicaid Equipment and Supplies (MEDs)
3. Continue to improve outcomes for Medicaid recipients utilizing Alerting via Project Notify: The Medicaid Admit, Discharge, Transfer Notification System
4. Continue to improve data quality and robustness of provider data utilizing additional data sources via Provider Registry: Medicaid Provider Registry Project
5. Continue to encourage and assist providers to submit eCQM data using QRDA I and/or QRDA III to our popHealth certified solution in the Zato Health Interoperability Platform
6. Expanding the use of Personal Health Records to Medicaid recipients beyond Long Term Services and Support populations in FFY19 thus assisting Medicaid Electronic Health Record Incentive Program participants to meet Meaningful Use patient-centered measures (Stage 3 EP measure 5 – Patient Electronic Access)
7. The Design, Development, and Implementation of a Business Intelligence and Shared Analytics Solution supporting continued development of quality improvement initiatives within Medicaid (Stage 3 EP measure 6 – Coordination of Care and Clinical Quality Measure Reporting)
8. Connect the Medicaid Node with other operational HIEs in Connecticut

Between 2014 and 2016, the Department of Social Services was charged with leading the state Health IT and HIE agenda. Over a period of two years, much work was completed by the Department to establish a governance and a statewide HIE plan by DSS Commissioner guided by the PA 14-217 and PA 15-146. In June 2016, the Statewide plan was approved by the secretary of OPM for DSS to continue with the implementation of the EMPI, Provider Registry, and the Alert Notification engine. In addition, this plan called out the need to initiate a robust



# HIT As-Needed Implementation Advance Planning Document (HIT IAPDu)

stakeholder engagement process to establish the value proposition, as well as, a sustainable business model. This responsibility was shifted to the HITO in July 2016, and the current robust stakeholder engagement is a conclusion of the work recommended in the plan published by DSS in January 2016. In parallel the Department has continued to establish the network-of network model and will complete the build and implementation of the Medicaid node using the Intersystems platform.

As outlined in the previously submitted IAPDU for FFY 17, planning activity is underway for Statewide HIT/E efforts. The State's HIT strategy, through the establishment of the Health Information Technology Officer (HITO) under Connecticut's Public Act 16-77 (P.A. 16-77), enables the State HITO to coordinate with Medicaid and other State and private partners to strengthen the State and federal efforts to accelerate the adoption of health information technology, promote health information exchange, and encourage the utilization of certified EHRs. Please refer to Appendix D for the current and proposed HITECH-HIE efforts.

DSS submitted an annual update to the Health Information Technology (HIT or health IT) IAPD, including an updated HIE Appendix D, on June 12, 2017, and the Appendix D was approved on October 4, 2017 with an effective date of October 1, 2017. The Appendix D amount approved was \$4,972,990.00. On November 1, 2017, CMS approved CT's Annual HIT IAPD for FFY 2018 & FFY 2019. On April 5, 2018, CT submitted an IAPDu to request additional funds for Immunization Registry efforts (FFY18 & FFY19) as it relates to Meaningful Use. The approval letter from CMS for that IAPDu was received by CT DSS on May 11, 2018

This IAPDu is being submitted to request funds for implementation activities for statewide Health Information Exchange efforts (FFY18 & FFY19) and related DSS activities.

**This As-Needed HIT IAPDu is for the period from October 1, 2017 through September 30, 2019.**

**Table 1: Funding Summary**

Year	MMIS (90%) -App A-			HITECH(90%)			HITECH-HIE(90%) App D.			TOTAL		
	Fed	State	Total	Fed	State	Total	Fed	State	Total	Fed	State	Total
FFY 2018	464,839	51,649	516,488	6,289,019	698,780	6,987,799	8,637,064	959,674	9,596,738	15,390,923	1,710,103	17,101,025
FFY 2019	464,839	51,649	516,488	7,470,758	830,084	8,300,842	8,686,111	965,123	9,651,234	16,621,708	1,846,856	18,468,564
Total	929,678	103,298	1,032,976	13,759,778	1,528,864	15,288,642	17,323,175	1,924,797	19,247,972	32,012,631	3,556,959	35,569,590

Connecticut has been executing the Medicaid EHR Incentive Program since 2013. As of February 24, 2017, the State has disbursed \$62,062,812 at 100% to Eligible Professionals and \$43,844,166 at 100% to Eligible Hospitals. **The State is requesting \$6,800,000 at 100% FFP for Medicaid EHR Incentive Program payments in FFY 2018 and \$6,800,000 at 100% FFP for Medicaid EHR Incentive Program payment in FFY2019.**



## **Timeline – Color Coding; Brown is DSS; Red is SIM/HITO; Green is HITE-CT**

**HITE – CT led HIE– June 2010 – June 2014**

**April 2014**

**HISP and Direct Secure Messaging** - <http://portal.ct.gov/DSS/ITS/DSS-HealthIT/Business-Intelligence-and-DSS-HealthIT/HISP-and-Direct-Secure-Messaging>

**March 2015**

**eQMS<sup>1</sup>** - support transport of clinical data for quality measures using technology standards  
<http://portal.ct.gov/DSS/ITS/DSS-HealthIT/Business-Intelligence-and-DSS-HealthIT/Business-Intelligence-and-Big-Data>

**April 30, 2015 – SIM Year 1**

[https://portal.ct.gov/-/media/OHS/SIM/Test-Grant-Documents/Ops\\_Plan\\_Amended\\_04302015\\_Final.pdf?la=en](https://portal.ct.gov/-/media/OHS/SIM/Test-Grant-Documents/Ops_Plan_Amended_04302015_Final.pdf?la=en)

**DSS-lead HIE effort - HIT Council chaired by Commissioner Bremby (August 2015-April 2016)**

<https://portal.ct.gov/DSS/ITS/DSS-HealthIT/Public-Act-15-146-Meetings>

**August 2015 – Health IT Governance plan**

[https://portal.ct.gov/-/media/Departments-and-Agencies/DSS/DSS-Health-IT/HIT\\_SOPAug14\\_20151.pdf?la=en](https://portal.ct.gov/-/media/Departments-and-Agencies/DSS/DSS-Health-IT/HIT_SOPAug14_20151.pdf?la=en)

**January 2016 – HIE Strategic and Operational Plan**

[https://portal.ct.gov/-/media/Departments-and-Agencies/DSS/DSS-Health-IT/FinaltoOPM\\_HIESOP2016\\_Jan4\\_2016.pdf?la=en](https://portal.ct.gov/-/media/Departments-and-Agencies/DSS/DSS-Health-IT/FinaltoOPM_HIESOP2016_Jan4_2016.pdf?la=en)

**January 2016 - Enterprise Master Person Index**

<http://portal.ct.gov/DSS/ITS/DSS-HealthIT/Business-Intelligence-and-DSS-HealthIT/Enterprise-Master-Person-Index>

**April 2016 – HIT Council Meeting**

[https://portal.ct.gov/-/media/OHS/Health-IT-Advisory-Council/Presentations/20160421\\_HealthIT\\_Presentation.pdf](https://portal.ct.gov/-/media/OHS/Health-IT-Advisory-Council/Presentations/20160421_HealthIT_Presentation.pdf)

**June 2016 – SIM HIT Committee dissolved and new HIT Advisory committee starts (SIM Focus)**

<https://portal.ct.gov/OHS/HIT-Work-Groups/Health-IT-Advisory-Council/Meeting-Materials/June-16-2016>

**August 1, 2016 (pgs. 69-94) – SIM Year 2**

[https://portal.ct.gov/-/media/OHS/SIM/Test-Grant-Documents/SIM\\_Operational\\_Plan\\_08012016\\_Final.pdf?la=en](https://portal.ct.gov/-/media/OHS/SIM/Test-Grant-Documents/SIM_Operational_Plan_08012016_Final.pdf?la=en)

**September 2016 – list of all the same assets HIT Council review the same list as we stood up**

[https://portal.ct.gov/-/media/OHS/Health-IT-Advisory-Council/Reports/SIM\\_HIT\\_Summary\\_Report\\_V6\\_Final\\_Draft\\_08242016.pdf](https://portal.ct.gov/-/media/OHS/Health-IT-Advisory-Council/Reports/SIM_HIT_Summary_Report_V6_Final_Draft_08242016.pdf)

**September 2017 - Enterprise Provider Registry**

<http://portal.ct.gov/DSS/ITS/DSS-HealthIT/Business-Intelligence-and-DSS-HealthIT/Provider-Registry>

**November & December 2017 – IAPU Update to the HIT Council**

[https://portal.ct.gov/-/media/OHS/Health-IT-Advisory-Council/Presentations/20171116\\_HealthIT\\_Presentation\\_final.pdf](https://portal.ct.gov/-/media/OHS/Health-IT-Advisory-Council/Presentations/20171116_HealthIT_Presentation_final.pdf)

**December 2017 – HITO hired**

**January 2018 – DSS BI and Health IT Strategic Plan**

<https://portal.ct.gov/-/media/Departments-and-Agencies/DSS/hit/MedicaidHITHIEStrategicPlanJan2018Version1.pdf?la=en>

---

<sup>1</sup>[https://www.cms.gov/Regulations-and-Guidance/Legislation/EHRIncentivePrograms/Downloads/TableofContents\\_EP\\_Medicaid\\_Stage3.pdf](https://www.cms.gov/Regulations-and-Guidance/Legislation/EHRIncentivePrograms/Downloads/TableofContents_EP_Medicaid_Stage3.pdf)

[Guidance/Legislation/EHRIncentivePrograms/Downloads/TableofContents\\_EP\\_Medicaid\\_Stage3.pdf](https://www.cms.gov/Regulations-and-Guidance/Legislation/EHRIncentivePrograms/Downloads/TableofContents_EP_Medicaid_Stage3.pdf)

