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| **Evaluation Questions** | **Example Indicators/Measures** | **Data Source** |
| **Establish partnerships with health systems/clinics** |
| What are the characteristics of recipients’ partner health systems and clinics? | * #/% health system types (e.g., FQHCs)
* #/% by clinic size (patient population)
* #/% clinic locations (e.g., rural/urban)
* #/% clinics terminated
* #/% health systems/clinic with agreement, by type
 | Clinic data |
| What is the annual and overall reach of the CRCCP? | * # health systems recruited
* # active health systems
* # clinics recruited
* # active clinics recruited
* Avg. # (and range) of clinics recruited per recipient
* # clinic patients age 50-75
* Avg. # (and range) of patients age 50-75 recruited per recipient
* # primary care providers within clinics
* Geographic location of clinics (mapped)
* Geographic location of clinics mapped with population density overlay
 | Clinic dataExternal data sources (TBD) |
| To what extent do recipients provide clinic partners with financial support? | * #/% of clinics with agreement, by agreement type
* #/% clinics receiving CDC funds
* Total CDC funding distributed to clinics
* Avg. amount (and range) of CDC funds received by clinics
 | Clinic dataCost study  |
| What are the characteristics of clinics’ CRC screening efforts? | * #/% primary CRC screening test used, by type
* #/% clinics providing mailed FIT kit program
* #/% of clinics with screening champions
* #/% of clinics with screening policies
* #/% of clinics that distribute free FIT kits
 | Clinic data |
| Are recipients partnering with clinics serving populations of need with low CRC screening rates? | * #/% clinics located in high burden areas
* #/% of clinics located in counties with high CRC incidence and death rates
* #/% clinics that are FQHCs
* #/% clinics with uninsured populations >20%
* Avg. clinic baseline screening rate
* #/% of clinics in different baseline rate categories (e.g. <20%, 20%-30%, …)
 | External data sources (TBD)Clinic data |
| To what extent are partner clinics terminated over time?* What are the characteristics of terminated clinics?
* Why are clinics terminated?
 | * #/% of clinics terminated, in aggregate and by recipient
* #/% clinics terminated within a given health system, by recipient
* Avg. time (in years) of clinic participation before termination
* Characteristics of terminated clinics (e.g., size, type, location)
* Baseline and annual screening rates of terminated clinics terminated
* Reasons for termination
 | Clinic dataCase studies (if indicated) |
| **Establish partnerships to support implementation of EBIs** |
| With what implementation partners are recipients partnering?  | * #/% of implementation partners, by type
* Avg. # (and range) implementation partners per recipient
 | Annual Recipient survey |
| To what extent do recipients provide implementation partners with financial support? | * #/% of partners with MOU or contract
* #/% partners receiving CDC funds
* Total CDC funding distributed to partners
* Avg. amount (and range) of CDC funds received by partners
 | Annual Recipient surveyBudget data |
| What kinds of implementation support are partners providing to clinics? | * Types of implementation support provided
* #/% recipients that use an established approach to deliver TA to clinics
* Characteristics of recipient implementation plans
* Utility and appropriateness of implementation support provided to clinics
 | Annual Recipient survey Case studiesClinic Implementation Planning Summaries |
| How often is implementation support being delivered to clinics? | * Frequency of implementation support provided to clinics over time, in aggregate and by clinic type
 | Clinic data |
| **Conduct implementation readiness assessments of partner primary care clinics** |
| To what extent have recipients conducted formal assessments of clinics’ readiness to implement the CRCCP? | * #/% of recipients with a standard approach to readiness assessment
* #/% of recipients conducting specified areas of assessment (e.g., assess EHR capacity)
 | Recipient surveyClinic Assessments |
| **Implement EBIs**  |
| What EBIs are recipients implementing in clinics? * What EBIs are in place at baseline?
* What EBIs are planned, newly implemented, or enhanced annually?
* Are CDC resources used to support EBI planning or implementation?
* Are clinics implementing multiple EBIs?
 | * #/% clinics implementing each EBI
* #/Types of EBIs planned, newly implemented, enhanced, by clinic
* Types of EBIs supported with CDC funds, by clinic
* #/% clinics implementing new EBIs
* #/% clinics implementing 3-4 EBIs
* Spending on EBIs implemented/enhanced by recipients.
 | Clinic data Cost study |
| How are EBIs delivered within clinics? | * Descriptions of EBI delivery protocols
* Avg. # ways patient reminders sent per clinic
* Avg. # ways provider reminders sent per clinic
* Avg. frequency of provider assessment and feedback per clinic
* #/% clinics reducing structural barriers in more than one way
 | Case studies Clinic data |
| Are the EBIs sustainable? * How long does it take for a newly implemented EBI to become sustainable?
* How do recipients and/or clinics support sustainability?
* Which EBIs are more/less sustainable than others, and why?
 | * #/% of clinics with at least 1 sustainable EBI
* #/% of clinics with sustainable EBIs, by EBI type
* #/% of sustained EBIs by clinic type
* Avg. # years from newly implemented EBI to sustained, by EBI type
* Strategies to support sustainability of EBIs
 | Clinic dataCase studies |
| What are the costs and cost effectiveness of the EBIs being implemented by CRCCP recipients? | * Amount of CDC funds used to support EBI implementation activities
* Average spending for EBIs implemented/enhanced by recipient
 | Cost studies  |
| To what extent are PN and small media implemented?* How is PN implemented?
* Are PN and small media sustainable?
 | * #/% of clinics implementing PN
* #/% of clinics implementing small media
* Avg amount of time patient received PN
* #/% of clinics where PN is sustainable
* #/% of clinics where small media is sustainable
 | Clinic dataRecipient survey |
| **Facilitate patients’ linkages to follow up colonoscopy** |
| To what extent did health systems/clinics utilize CDC funding to support follow up colonoscopy completion? | * Amount of CDC funds awarded to health systems/clinics to support follow up colonoscopies
* # patients receiving CDC funded follow-up colonoscopies
* %/# clinics who received CDC funds to support follow up colonoscopy
 | Recipient surveyClinic data |
| What are the screening results among patients who received follow-up colonoscopy paid for with CDC funds? | * #/% patients with adenomatous polyps removed who received a CDC-funded follow-up colonoscopy
* #/% patients with other abnormal results who received CDC-funded follow up colonoscopy
* #/% patients diagnosed with cancer who received CDC-funded follow up colonoscopy
 |  Clinic data |
| **Data Quality, Program Monitoring, and Evaluation**  |  |  |
| To what extent are recipients developing evaluation plans consistent with CDC requirements as stated in the NOFO? | * #/% recipients with evaluation plans submitted within 6 months of award
* #/% evaluation plans that meet basic CDC requirements
 | Evaluation plans  |
| To what extent are clinic data complete and high quality? | * #/% clinics with no missing baseline data records, by recipient
* #/% clinics with no missing annual records, by recipient
* Avg clinic data error rates, by recipient
* #/% clinics with decreased error rates over time, by recipient
* #/% clinics with low/medium/high confidence in EHR-generated screening rate, by recipient
* #/% clinics that conduct screening validation through chart review within first two years of participation
* #/% of clinics that change EHR vendors over time
* Type of staff collecting clinic data
* Activities taken to ensure high quality data
 | Clinic data Recipient survey |
| What quality assurance mechanisms are in place within clinics? | * #/% clinics with access to HCCN
* #/% clinics with screening rates monitored at least quarterly
* #/% clinics that conduct screening validation within one year of clinic enrollment
* #/% recipients participating in annual CDC-led data quality review process
* #/% clinics with QI processes in place
* #/% clinics using HIT tools for program monitoring
* #/% clinics that change EHR vendors across years
 | Clinic data  |
| **Increased CRC screening** |
| To what extent are screenings completed among patients who receive a screening referral? | * Annual clinic-level FIT kit return rates
* Annual clinic-level colonoscopy completion rate
 | Clinic data |
| To what extent are clinics meeting their screening targets? | * #/% of clinics that set appropriate screening targets
* #/% clinics that meet their annual screening rate target
 | Clinic data |
| To what extent have clinic screening rates changed over time? | * Avg weighted change in percentage points of screening rate, by recipient and for CRCCP
* Avg weighted change in percentage points of screening rate for CRCCP by clinic characteristics, EBI implementation and other relevant groups.
 | Clinic data |
| To what extent have the number of CRC screenings changed over time? | * Number of screening tests per year, in aggregate and by grantee
* Avg number (and range) of screening tests completed per year
* Percent increase in the number of screening tests completed year to year
 | Clinic data |

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| **Other Evaluation Questions** | **Data Source** |
| What are significant predictors of greater screening rate increases? | Clinic data |
| What are significant predictors of the implementation of specific EBIs? | Clinic data |
| How do we characterize the implementation of EBIs in multi-level analysis?  | Clinic data |
| How do we characterize the longitudinal trajectory of clinic screening growth?  | Clinic data |
| What is the cost effectiveness of specific intervention under CRCCP? | Clinic dataCost study |
| What are the characteristics of clinics with the highest and lowest screening rate increases? | Clinic data |
| What does de-implementation of CRCCP look like within partner clinics? | Special study |
| Are screening rates sustained once the CRCCP stops actively working with clinics? | Clinic dataSpecial study |
| What are the characteristics of clinics and CRCCP implementation where screening rate changes are sustained once the CRCCP stops actively working with clinics? | Clinic dataSpecial study |
| What are the significant predictors of EBI sustainability?  | Clinic data |
| What is the long-term impact of the CRCCP on lives saved? | Special study |
| **Program Management Question** | **Indicators/Measures** | **Data Source** |
| What are the characteristics of the recipients funded under 20-2002? | * #/% of recipients by type (e.g., health dept, university)
* Avg award, range in CDC funding by year, by recipient type
 | Budget data |
| What CDC TA resources have been most useful for recipients? | * #/% of resources used, by utility (i.e., helpfulness)
 | Recipient Survey |
| What non-CDC financial resources do recipients have to support their CRCCP?  | * Funding amounts by type (e.g., State)
* Total non-CDC funds supporting CRCCP
* #/% recipients receiving non-CDC support
 | Recipient Survey |
| How many and what type of staff are recipients using to manage and implement the CRCCP over time?  | * #/% of recipient staff, by type
* Change in recipient staff type over time
 | Budget data |
| What challenges do recipients encounter when implementing the CRCCP? | * #/% of recipient challenges, by type
 | Quarterly Program Updates |
| What successes have been realized by recipients? | * Description of successes
* #/% of recipients reporting successes annually
 | Quarterly Program Updates |
| To what extent do recipients encounter staff vacancies? | * # staff vacancies
* Types of vacant staff positions
 | Quarterly Program Updates |
| What TA needs do recipients experience? | * Description of TA needs
 | Quarterly Program Updates |