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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 data  External 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 data  Cost 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 data  Case 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 survey  Budget 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 studies  Clinic 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 survey  Clinic 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 data  Case 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 data  Recipient 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 survey  Clinic 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 data  Cost 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 data  Special 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 data  Special 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 |