

### Attachment 3 - CRCCP Evaluation Matrix

Evaluation Questions	Example Indicators/Measures	Data Source
<b>Establish partnerships with health systems/clinics</b>		
What are the characteristics of recipients' partner health systems and clinics?	<ul style="list-style-type: none"> <li>• #/% health system types (e.g., FQHCs)</li> <li>• #/% by clinic size (patient population)</li> <li>• #/% clinic locations (e.g., rural/urban)</li> <li>• #/% clinics terminated</li> <li>• #/% health systems/clinic with agreement, by type</li> </ul>	Clinic data
What is the annual and overall reach of the CRCCP?	<ul style="list-style-type: none"> <li>• # health systems recruited</li> <li>• # active health systems</li> <li>• # clinics recruited</li> <li>• # active clinics recruited</li> <li>• Avg. # (and range) of clinics recruited per recipient</li> <li>• # clinic patients age 50-75</li> <li>• Avg. # (and range) of patients age 50-75 recruited per recipient</li> <li>• # primary care providers within clinics</li> <li>• Geographic location of clinics (mapped)</li> <li>• Geographic location of clinics mapped with population density overlay</li> </ul>	Clinic data  External data sources (TBD)
To what extent do recipients provide clinic partners with financial support?	<ul style="list-style-type: none"> <li>• #/% of clinics with agreement, by agreement type</li> <li>• #/% clinics receiving CDC funds</li> <li>• Total CDC funding distributed to clinics</li> <li>• Avg. amount (and range) of CDC funds received by clinics</li> </ul>	Clinic data Cost study
What are the characteristics of clinics' CRC screening efforts?	<ul style="list-style-type: none"> <li>• #/% primary CRC screening test used, by type</li> <li>• #/% clinics providing mailed FIT kit program</li> <li>• #/% of clinics with screening champions</li> <li>• #/% of clinics with screening policies</li> <li>• #/% of clinics that distribute free FIT kits</li> </ul>	Clinic data
Are recipients partnering with clinics serving populations of need with low CRC screening rates?	<ul style="list-style-type: none"> <li>• #/% clinics located in high burden areas</li> <li>• #/% of clinics located in counties with high CRC incidence and death rates</li> </ul>	External data sources (TBD)

### Attachment 3 - CRCCP Evaluation Matrix

	<ul style="list-style-type: none"> <li>• #/% clinics that are FQHCs</li> <li>• #/% clinics with uninsured populations &gt;20%</li> <li>• Avg. clinic baseline screening rate</li> <li>• #/% of clinics in different baseline rate categories (e.g. &lt;20%, 20%-30%, ...)</li> </ul>	Clinic data
<p>To what extent are partner clinics terminated over time?</p> <ul style="list-style-type: none"> <li>• What are the characteristics of terminated clinics?</li> <li>• Why are clinics terminated?</li> </ul>	<ul style="list-style-type: none"> <li>• #/% of clinics terminated, in aggregate and by recipient</li> <li>• #/% clinics terminated within a given health system, by recipient</li> <li>• Avg. time (in years) of clinic participation before termination</li> <li>• Characteristics of terminated clinics (e.g., size, type, location)</li> <li>• Baseline and annual screening rates of terminated clinics</li> <li>• Reasons for termination</li> </ul>	<p>Clinic data</p> <p>Case studies (if indicated)</p>
<b>Establish partnerships to support implementation of EBIs</b>		
With what implementation partners are recipients partnering?	<ul style="list-style-type: none"> <li>• #/% of implementation partners, by type</li> <li>• Avg. # (and range) implementation partners per recipient</li> </ul>	Annual Recipient survey
To what extent do recipients provide implementation partners with financial support?	<ul style="list-style-type: none"> <li>• #/% of partners with MOU or contract</li> <li>• #/% partners receiving CDC funds</li> <li>• Total CDC funding distributed to partners</li> <li>• Avg. amount (and range) of CDC funds received by partners</li> </ul>	<p>Annual Recipient survey</p> <p>Budget data</p>
What kinds of implementation support are partners providing to clinics?	<ul style="list-style-type: none"> <li>• Types of implementation support provided</li> <li>• #/% recipients that use an established approach to deliver TA to clinics</li> <li>• Characteristics of recipient implementation plans</li> <li>• Utility and appropriateness of implementation support provided to clinics</li> </ul>	<p>Annual Recipient survey</p> <p>Case studies</p> <p>Clinic Implementation Planning Summaries</p>
How often is implementation support being delivered to clinics?	<ul style="list-style-type: none"> <li>• Frequency of implementation support provided to clinics over time, in aggregate and by clinic type</li> </ul>	Clinic data
<b>Conduct implementation readiness assessments of partner primary care clinics</b>		

### Attachment 3 - CRCCP Evaluation Matrix

<p>To what extent have recipients conducted formal assessments of clinics' readiness to implement the CRCCP?</p>	<ul style="list-style-type: none"> <li>• #/% of recipients with a standard approach to readiness assessment</li> <li>• #/% of recipients conducting specified areas of assessment (e.g., assess EHR capacity)</li> </ul>	<p>Recipient survey</p> <p>Clinic Assessments</p>
<p><b>Implement EBIs</b></p>		
<p>What EBIs are recipients implementing in clinics?</p> <ul style="list-style-type: none"> <li>• What EBIs are in place at baseline?</li> <li>• What EBIs are planned, newly implemented, or enhanced annually?</li> <li>• Are CDC resources used to support EBI planning or implementation?</li> <li>• Are clinics implementing multiple EBIs?</li> </ul>	<ul style="list-style-type: none"> <li>• #/% clinics implementing each EBI</li> <li>• #/Types of EBIs planned, newly implemented, enhanced, by clinic</li> <li>• Types of EBIs supported with CDC funds, by clinic</li> <li>• #/% clinics implementing new EBIs</li> <li>• #/% clinics implementing 3-4 EBIs</li> <li>• Spending on EBIs implemented/enhanced by recipients.</li> </ul>	<p>Clinic data</p> <p>Cost study</p>
<p>How are EBIs delivered within clinics?</p>	<ul style="list-style-type: none"> <li>• Descriptions of EBI delivery protocols</li> <li>• Avg. # ways patient reminders sent per clinic</li> <li>• Avg. # ways provider reminders sent per clinic</li> <li>• Avg. frequency of provider assessment and feedback per clinic</li> <li>• #/% clinics reducing structural barriers in more than one way</li> </ul>	<p>Case studies</p> <p>Clinic data</p>
<p>Are the EBIs sustainable?</p> <ul style="list-style-type: none"> <li>• How long does it take for a newly implemented EBI to become sustainable?</li> <li>• How do recipients and/or clinics support sustainability?</li> <li>• Which EBIs are more/less sustainable than others, and why?</li> </ul>	<ul style="list-style-type: none"> <li>• #/% of clinics with at least 1 sustainable EBI</li> <li>• #/% of clinics with sustainable EBIs, by EBI type</li> <li>• #/% of sustained EBIs by clinic type</li> <li>• Avg. # years from newly implemented EBI to sustained, by EBI type</li> <li>• Strategies to support sustainability of EBIs</li> </ul>	<p>Clinic data</p> <p>Case studies</p>
<p>What are the costs and cost effectiveness of the EBIs being implemented by CRCCP recipients?</p>	<ul style="list-style-type: none"> <li>• Amount of CDC funds used to support EBI implementation activities</li> <li>• Average spending for EBIs implemented/enhanced by recipient</li> </ul>	<p>Cost studies</p>

### Attachment 3 - CRCCP Evaluation Matrix

<p>To what extent are PN and small media implemented?</p> <ul style="list-style-type: none"> <li>• How is PN implemented?</li> <li>• Are PN and small media sustainable?</li> </ul>	<ul style="list-style-type: none"> <li>• #/% of clinics implementing PN</li> <li>• #/% of clinics implementing small media</li> <li>• Avg amount of time patient received PN</li> <li>• #/% of clinics where PN is sustainable</li> <li>• #/% of clinics where small media is sustainable</li> </ul>	<p>Clinic data</p> <p>Recipient survey</p>
<p><b>Facilitate patients' linkages to follow up colonoscopy</b></p>		
<p>To what extent did health systems/clinics utilize CDC funding to support follow up colonoscopy completion?</p>	<ul style="list-style-type: none"> <li>• Amount of CDC funds awarded to health systems/clinics to support follow up colonoscopies</li> <li>• # patients receiving CDC funded follow-up colonoscopies</li> <li>• %/# clinics who received CDC funds to support follow up colonoscopy</li> </ul>	<p>Recipient survey</p> <p>Clinic data</p>
<p>What are the screening results among patients who received follow-up colonoscopy paid for with CDC funds?</p>	<ul style="list-style-type: none"> <li>• #/% patients with adenomatous polyps removed who received a CDC-funded follow-up colonoscopy</li> <li>• #/% patients with other abnormal results who received CDC-funded follow up colonoscopy</li> <li>• #/% patients diagnosed with cancer who received CDC-funded follow up colonoscopy</li> </ul>	<p>Clinic data</p>
<p><b>Data Quality, Program Monitoring, and Evaluation</b></p>		
<p>To what extent are recipients developing evaluation plans consistent with CDC requirements as stated in the NOFO?</p>	<ul style="list-style-type: none"> <li>• #/% recipients with evaluation plans submitted within 6 months of award</li> <li>• #/% evaluation plans that meet basic CDC requirements</li> </ul>	<p>Evaluation plans</p>
<p>To what extent are clinic data complete and high quality?</p>	<ul style="list-style-type: none"> <li>• #/% clinics with no missing baseline data records, by recipient</li> <li>• #/% clinics with no missing annual records, by recipient</li> <li>• Avg clinic data error rates, by recipient</li> <li>• #/% clinics with decreased error rates over time, by recipient</li> <li>• #/% clinics with low/medium/high confidence in EHR-generated screening rate, by recipient</li> <li>• #/% clinics that conduct screening validation through chart review within first two years of participation</li> <li>• #/% of clinics that change EHR vendors over time</li> </ul>	<p>Clinic data</p> <p>Recipient survey</p>

### Attachment 3 - CRCCP Evaluation Matrix

	<ul style="list-style-type: none"> <li>Type of staff collecting clinic data</li> <li>Activities taken to ensure high quality data</li> </ul>	
What quality assurance mechanisms are in place within clinics?	<ul style="list-style-type: none"> <li>#/% clinics with access to HCCN</li> <li>#/% clinics with screening rates monitored at least quarterly</li> <li>#/% clinics that conduct screening validation within one year of clinic enrollment</li> <li>#/% recipients participating in annual CDC-led data quality review process</li> <li>#/% clinics with QI processes in place</li> <li>#/% clinics using HIT tools for program monitoring</li> <li>#/% clinics that change EHR vendors across years</li> </ul>	Clinic data
<b>Increased CRC screening</b>		
To what extent are screenings completed among patients who receive a screening referral?	<ul style="list-style-type: none"> <li>Annual clinic-level FIT kit return rates</li> <li>Annual clinic-level colonoscopy completion rate</li> </ul>	Clinic data
To what extent are clinics meeting their screening targets?	<ul style="list-style-type: none"> <li>#/% of clinics that set appropriate screening targets</li> <li>#/% clinics that meet their annual screening rate target</li> </ul>	Clinic data
To what extent have clinic screening rates changed over time?	<ul style="list-style-type: none"> <li>Avg weighted change in percentage points of screening rate, by recipient and for CRCCP</li> <li>Avg weighted change in percentage points of screening rate for CRCCP by clinic characteristics, EBI implementation and other relevant groups.</li> </ul>	Clinic data
To what extent have the number of CRC screenings changed over time?	<ul style="list-style-type: none"> <li>Number of screening tests per year, in aggregate and by grantee</li> <li>Avg number (and range) of screening tests completed per year</li> <li>Percent increase in the number of screening tests completed year to year</li> </ul>	Clinic data
<b>Other Evaluation Questions</b>		<b>Data Source</b>
What are significant predictors of greater screening rate increases?		Clinic data
What are significant predictors of the implementation of specific EBIs?		Clinic data

### Attachment 3 - CRCCP Evaluation Matrix

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
<b>Program Management Question</b>	<b>Indicators/Measures</b>	<b>Data Source</b>
What are the characteristics of the recipients funded under 20-2002?	<ul style="list-style-type: none"> <li>• #/% of recipients by type (e.g., health dept, university)</li> <li>• Avg award, range in CDC funding by year, by recipient type</li> </ul>	Budget data
What CDC TA resources have been most useful for recipients?	<ul style="list-style-type: none"> <li>• #/% of resources used, by utility (i.e., helpfulness)</li> </ul>	Recipient Survey
What non-CDC financial resources do recipients have to support their CRCCP?	<ul style="list-style-type: none"> <li>• Funding amounts by type (e.g., State)</li> <li>• Total non-CDC funds supporting CRCCP</li> <li>• #/% recipients receiving non-CDC support</li> </ul>	Recipient Survey
How many and what type of staff are recipients using to manage and implement the CRCCP over time?	<ul style="list-style-type: none"> <li>• #/% of recipient staff, by type</li> <li>• Change in recipient staff type over time</li> </ul>	Budget data
What challenges do recipients encounter when implementing the CRCCP?	<ul style="list-style-type: none"> <li>• #/% of recipient challenges, by type</li> </ul>	Quarterly Program Updates
What successes have been realized by recipients?	<ul style="list-style-type: none"> <li>• Description of successes</li> <li>• #/% of recipients reporting successes annually</li> </ul>	Quarterly Program Updates
To what extent do recipients encounter staff	<ul style="list-style-type: none"> <li>• # staff vacancies</li> </ul>	Quarterly

### Attachment 3 - CRCCP Evaluation Matrix

vacancies?	<ul style="list-style-type: none"><li>• Types of vacant staff positions</li></ul>	Program Updates
What TA needs do recipients experience?	<ul style="list-style-type: none"><li>• Description of TA needs</li></ul>	Quarterly Program Updates