

APPENDIX B – PROCESS, OUTCOME, INDICATORS

EVALUATION QUESTIONS, STRATEGIES AND DATA SETS
SCHOOL BASED HEALTH AND DENTAL INTEGRATION PROJECT

QUESTIONS	STRATEGIES: SPECIFIC DATA POINTS	DATA SETS
Output: Are students with decay receiving treatment services?	% of students with decay that received treatment services by the end of each grant year	DFMS from EMR Custom reports are generated to track and report tooth level data using the charting tool in the EMR
Output: Are students receiving sealants on first molars?	For each grant year: <ul style="list-style-type: none"> • # of students with 1st molars enrolled in the program • # and % who already have sealants in place • # without sealants • total number of 1st molars among this group without sealants (denominator) • # having sealants applied (numerator) • % and number of teeth sealed 	DFMS from EMR
Output: Do students have decayed first molars?	For each grant year: <ul style="list-style-type: none"> • % of 1st molars with dental decay among children with decay • % with sealants in place • % with failed sealants 	DFMS from EMR
Output: Are students who need dental care the most receiving it?	For each grant year: <ul style="list-style-type: none"> • # of low and # of high SES students in targeted age groups (denominators) • # high/low SES enrolled in the program – numerators • % of high and low SES students in targeted age groups enrolled in program • % of high/low enrollees receiving dental services • # and % high/low SES identified with dental decay • # and % high/low SES students receiving treatment services by end of year 	DFMS from EMR Billing data School census Signed consent forms
Impact (Long term): Is the generated revenue able to sustain the program?	For each grant year: <ul style="list-style-type: none"> • Total dollar value of services billed to Medicaid/SCHIP, private insurance, and self-pay • Amount of money collected from Medicaid/SCHIP, private insurance, and self-pay • % of billed services reimbursed by payer type 	Summary billing and revenue data from Sections 3 and 4 of the Quarterly Reports
Impact (Short term): Did the Social Media Project increase participation in SBH-Dental programs?	Surveys of parents, students, and school and NCFHC employees: <ul style="list-style-type: none"> • # reporting seeing signage and % of students enrolling • # reporting seeing Video #1 Rock Star Smiles and % of students enrolling • # reporting seeing Video 2 SBH-Dental Program Awareness and % of students enrolling • # of students reading/signing out library books and % enrolling • # of students reporting enrolling as a result of the incentives 	Qualitative analysis of survey results Signed consent forms

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<p>Impact (Long term): Did the SBCOHS grant result in increases in the number of students served?</p>	<p>For each grant year:</p> <ul style="list-style-type: none"> • # of schools served • # students in schools served • # and % of students enrolling • # of unduplicated students receiving dental services • % of enrolled students receiving dental services 	<p>Quarterly Reports</p>
<p>Impact (Long term): Is one type of SBHC and SBDC Program service delivery model more effective with respect to student enrollment and the provision of dental services?</p>	<p>For each type of service delivery model:</p> <ul style="list-style-type: none"> • # students in schools served • # and % of students enrolling • # of unduplicated students receiving dental services • % of enrolled students receiving dental services 	<p>Quarterly Reports</p>

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Process	Measurement of Planned Program	YR 1	YR 2	YR 3	YR 4
Informed Consent	• Number of forms distributed	1145	7546	5464	5806
	• % of forms returned	49%	34%	12%	17%
Enrollment	• number of children enrolled	766	1428	568	1020
	• Wait time for 1 st appointment from time of enrollment	not available	not available	not available	not available
Reimbursements	• % claims billed eligible for Medicaid and CHIP; % claims paid	50.5%	52.4%	50.1%	57.5% 70.6%
	• % claims billed eligible for other 3 rd party reimbursement; % of claims paid	34.6%	28.8%	33.8%	20.6% 28.3%
Preventive Dental Services	• % of enrolled children who received any preventive service (and number)	96%	74%	81%	100%
	• % of enrolled children who received the each preventive service listed (and number)		10.8%-154 1.4%-20 56.3%-804 37.5%-535 20.9%-299 not available	8.6%- 49 1.0%-6 100%-568 100%- 568 21.5%-122 not available	0.9%-9 2.6%-27 100%-1020 100%-1020 11.1%-113 not available
<ul style="list-style-type: none"> • Comprehensive Oral Exam • X-rays • Oral Prophylaxis • Fluoride • Sealant • Education 					

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Treatment Services <ul style="list-style-type: none"> • Restoration • Extractions • Other (specify) 	<ul style="list-style-type: none"> • % of enrolled children who received treatment services 	32%	31%	28%	23%
	<ul style="list-style-type: none"> • % of enrolled children who received each treatment service listed (and number) 	not available	not available	not available	not available
Outcome/Impact	Measurement of Planned Program	YR 1	YR 2	YR 3	YR 4
Dental Caries	<ul style="list-style-type: none"> • Prevalence of dental caries among students who were recruited into the program. 	32%	32%	22%	23%
Utilization of Dental Services - For students enrolled in the program:	<ul style="list-style-type: none"> • % of children enrolled having completed annual diagnostic dental examination (and number) 				100% (1020)
	<ul style="list-style-type: none"> • % of children enrolled having teeth cleaned in past year (and number) 				100% (1020)
	<ul style="list-style-type: none"> • % of children enrolled having completion of treatment plan in one year (and number) 				82% (837)