

SUPPORTING STATEMENT FOR  
FEDERALLY SPONSORED DATA COLLECTION

**CENTERS FOR DISEASE CONTROL AND PREVENTION  
(CDC)  
ORAL HEALTH MANAGEMENT INFORMATION SYSTEM**

*Submitted by:*

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# **A Justification**

## **1. Circumstances Making the Collection of Information Necessary**

The CDC seeks to improve the oral health of the nation by targeting efforts to improve the infrastructure of state and territorial oral health departments; strengthen and enhance program capacity related to monitoring the population's oral health status and behaviors; develop effective programs to improve the oral health of children and adults; evaluate program accomplishments; and inform key stakeholders, including policy makers, of program results. Through a cooperative agreement program (Program Announcement 03022), CDC provides approximately \$3 million per year over 5 years to 12 states and one territory to strengthen state core oral health infrastructure and capacity and reduce health disparities among high-risk groups. The CDC is authorized to do this under sections 301 (a) and 317 (k) (2) of the Public Health Service Act [42 U.S.C. section 241 (a) and 247b(k) (2)]. Copies of these Public Law sections are displayed in Attachment 1. The Catalog of Federal Domestic Assistance (CFDA) number is 93.283.

CDC requests the submission of semi-annual status reports from each funded program. The proposed information collection will be used to identify training and technical assistance needs; monitor compliance with cooperative agreement requirements; evaluate the progress made in achieving national and program-specific goals; and respond to inquiries regarding program activities and effectiveness. Previously, CDC used a variety of sources to collect state-level information including the initial cooperative agreement application, continuing applications for each budget period, periodic progress reports, and financial status reports.

This non-standardized approach to data collection resulted in reports that varied in content and detail. Historically, information has been collected and transmitted via hard-copy paper documents and maintained in large, cumbersome manual files. The manual reporting system, as outlined by CDC Cooperative agreement 3022, limits CDC's ability to compile, summarize, and report aggregate information in an efficient and useful manner.

CDC has developed an automated management information system (MIS) to maintain individual grantee information and to normalize the information reported by these programs. The proposed data collection will employ a more formal, systematic method of collecting information that has historically been requested from individual programs and will standardize the content of this information. This will facilitate the CDC's ability to fulfill its obligations under the cooperative agreements; to monitor, evaluate, and compare individual programs; and to assess and report aggregate information regarding the overall effectiveness of the program. The MIS will also support CDC's mission of reducing the burden of oral diseases by enabling staff to more effectively identify the strengths and weaknesses of individual grantees and to disseminate information related to successful public health interventions implemented by these organizations.

## **2. Purpose and Use of Information Collection**

The information regarding individual programs is currently reported manually using a variety of sources. These sources include the initial cooperative agreement application, continuing

applications for each 12-month budget period within an approved project period, progress reports, and financial status reports.

The initial cooperative agreement application is submitted by funding applicants once at the beginning of an approved project period. Continuing applications are submitted annually in February. Additionally, an annual financial status report is required three months after the end of each budget period and details the audited results of funds use.

CDC uses this information for program operations, management, and reporting purposes including:

- Identifying the need for ongoing guidance, training, consultation, and technical assistance in all aspects of oral disease prevention and control

- Evaluating the progress made by programs in achieving national and program-specific goals and objectives

- Identifying successful and innovative strategies and public health interventions to reduce the burden of oral diseases

- Disseminating and sharing information among all grantees

- Monitoring the use of federal funds

- Evaluating and reporting on the overall effectiveness of the grantees

This proposed reporting methodology will improve CDC's ability to perform these functions and responsibilities. More importantly, it will enable CDC to utilize automated technology to perform these functions in a more efficient and effective manner. The frequency with which the information will be collected will remain the same as the current requirements within the cooperative agreement, semi-annually.

### **3. Use of Improved Information Technology and Burden Reduction**

The following information collection objectives involve the use of modern, state-of-the-art information technology to support the acquisition and reporting requirements.

- Exploit the capabilities of the Internet to provide State access to the database

- Provide a methodology for efficient and secure submission of semi-annual State and Territorial reports

The proposed methodology uses the Internet's standard communication protocols to control both access and communications by State and Territorial program personnel. CDC can provide State and Territorial program personnel with access to program information via the web. For example, the user could browse through a series of preformatted screens that display each group

of State and Territorial program data such as program activity, staffing, administrative, financial, and advisory body information. Further selected portions of State and Territorial program data (such as financial data) could be restricted to specific States and Territories and/or selected State and Territorial personnel only using additional password protection.

A major objective of this project provides special data collection procedures for efficient and secure submission of State reports that are designed to reduce the burden to the respondent. It is estimated that the MIS will decrease the reporting burden on grantees by as much as 50% once the initial data is entered since states and territories will only need to update information semi-annually.

#### **4. Efforts to Identify Duplication and Use of Similar Information**

The CDC recognized the current manual reporting of information fostered inconsistent information at many levels. This lack of standardization of the data collected impedes meaningful and efficient cross-state reporting and evaluation.

The MIS does not cause duplication and in fact, eliminates duplicative efforts under our current reporting system.

#### **5. Impact on Small Businesses or Other Small Entities**

No small businesses will be involved in this study.

#### **6. Consequences of Collecting Information Less Frequently**

There are no legal obstacles to reduce the burden.

#### **7. Special Circumstances Relating to the Guidelines of 5 CFR 1320.5**

There are no special circumstances related to the MIS, all guidelines of 5 CFR 1320.5 are met, and this project fully complies.

#### **8. Comments in Response to the Federal Register Notice and Efforts to Consult Outside Agency**

A.

A sixty day Federal Register notice was published on July 7, 2006 (Volume 71, Number 130), page 38647 (See Attachment 2). There were no public comments.

B.

Consultation with state grantees occurred to determine information needs of the state programs. Volunteers were solicited during a grantee workshop held February 2006 in Atlanta, GA. An eight member workgroup was established that represented six of the 13 grantee states (see Attachment 3).

#### **9. Explanation of Any Payment or Gift to Respondents**

Applicants or funding recipients do not receive payments or gifts for providing information.

## **10. Assurance of Confidentiality Provided to Respondents**

The CDC Privacy Act Officer has reviewed this submission and has determined that the Privacy Act is not applicable to the data collection. Respondents are state-based health departments providing information on their organizational goals, activities, performance metrics, and resources. Although one or more contact persons are identified for each responding health department, the contact person does not provide personal information.

Respondent data will be submitted to CDC via standard Internet-based communications protocols. Data security is ensured in the event of unauthorized access is gained to the application server and/or code through the following means:

- Storing user passwords in the database using one-way encryption.
- Two-way encryption of user IDs and password in the database connection string.
- In order to prevent unauthorized access, if any user is inactive in the application for 90 or more minutes, their session will be dropped. In order for the user to continue using the application, the user will be required to re-login.
- If there are three consecutive, unsuccessful logins, the application will inactivate the user login ID for 30 minutes. After 30 minutes, the application will automatically re-activate the user login ID and allow the user to attempt to log in again.
- System administrators can alter or delete a user account that is suspected to have unauthorized access.
- Audit trail information can be used to determine which records were affected.
- Database is backed up nightly so the database can be restored to a previous state in the event of suspected data corruption.

Data will be stored on CDC Servers which adhere to CDC standards and policies and access to potentially sensitive data elements such as financial data can be restricted using additional password protection. CDC contracts with Northrop Grumman to provide system development and maintenance for MOLAR and the contract requires that all Northrop Grumman employees and its subcontractors sign a non-disclosure of information. Data and application management procedures within DOH have been implemented to monitor and maintain the application and data. All accounts will be approved by a system administrator inside the CDC network and reviewed on an ongoing basis. If any account becomes suspect, that account will be removed by the system administrator. The Data Steward will be responsible for periodic reviews of the data to ensure quality and accuracy as well as ensuring that information is updated in a timely manner by users.

## **11. Questions for Sensitive Questions**

Some of the respondent's financial, performance or personnel data could be viewed as sensitive; however, this information is integral to the purposes of the MIS. The security measures described above have been put in place to guard against inadvertent or inappropriate disclosure of sensitive information.

## 12. Estimates of Annualized Burden Hours and Costs

### A. Estimated Annualized Burden Hours

The state oral health programs are generally small and the director, program manager or coordinator will be the person responsible for developing the interim and annual reports. To determine the annualized burden hours, it is estimated from the workshop that it will take each respondent approximately nine hours to update the information with in the MIS to complete the report. This is required twice a year for all 13 recipients.

### 12.A Estimated Annualized Burden Hours

Type of Respondent	Number of Respondents	Number of Responses per Respondent	Average Burden per Response (in hours)	Total Burden (in hours)
State Program Staff	13	2	9	234

### Estimated Annualized Cost to Respondents

To determine the annualized burden, cost salaries of state oral health program staff were averaged for 6 of the 13 recipients to determine an average hourly wage of approximately \$25. The hourly wage is a straight calculation that does not include an estimate of benefits. This hourly wage was multiplied by the burden of hours to obtain an estimate of burden cost to each program ( $\$25 \times 234 = \$5,850$ )

Cost to respondents is estimated at \$5,850.

### 12.B Estimated Annualized Cost to Respondents

Type of Respondents	Number of Respondents	Frequency of Response	Hours Per Response	Hourly Wage	Respondent Cost
State Program Managers	13	2	9	\$25.00	\$5,850
Total					\$5,850



### 13. Estimates of Other Total Annual Cost Burden to Respondents or Record Keepers

The information system was designed to use existing hardware within funded sites, and all respondents currently have access to the Internet to use the information system. No capital or maintenance costs are expected. Additionally, there are no start-up, hardware or software costs.

### 14. Annualized Cost to the Federal Government

#### Development, Implementation, and Maintenance

Major cost factors for the management information system include application design and development costs, and system modification costs based on pilot testing and feedback from system users. Ongoing costs will include system maintenance and training costs. For the purposes of calculating the estimated annualized cost to the government, the progress reporting system project has been divided into two phases: 1) development of the application; and 2) implementation and system maintenance. Table 3 provides a detailed breakdown of the estimated cost for phases 1 and 2. The total cost Table 3 is not an annualized cost. It represents the total cost for development and implementation of the system by a contractor and is a one-time expenditure. The ongoing maintenance costs and associated project support costs are assumed constant for the useful life of the system. However, because this system gathers progress reporting information associated with specific performance measures required as part of 5 year Cooperative Agreements cycles with states and territories, any change to these performance measures in the future may precipitate system modifications. The associated costs for such modifications are undetermined and are not reflected here. However, it is assumed these changes would be minimal and thus easily incorporated into the contractors overall system maintenance contract, a currently established government contract expenditure. The CDC employee cost to plan, develop, implement, train, and maintain the system is based on the sum of the hourly wages, times two (two hour meetings) of the personnel involved = \$450. Multiply \$450 by the number of weeks involved in planning, developing and training to the staff on the system. To determine the maintenance cost, 10% of time of the CDC staff member assigned to maintaining the system multiplied by 52 weeks or one year.

#### 14.A Annualized cost table

Phase	Estimated Cost	
	Contractor	CDC FTE
Planning	\$6,750	\$18,000
Analysis	\$101,250	
Design	\$63,750	
Development	\$135,000	\$4,500
Testing	\$30,000	\$ 900
Deployment	\$1,100	
Documentation	\$24,400	
Training	\$8,200	\$1,800

Maintenance	\$4,700	\$8,320
Total	\$375,150	\$33,520

## 15. Explanation for Program Changes or Adjustments

This is a new reporting system.

## 16. Plans for Tabulation and Publication and Project Time Schedule

### A. Time schedule for the entire project

A 3-year clearance is requested for this required semi-annual data collection. Actual data collection scheduled to begin in Feb. 2007. The below Project Time Schedule table includes the start and end dates for collection of information and other actions as required.

A. 16-1 Project Time Schedule	
Activity	Time Schedule
Letters sent to respondents	1 – 2 months after OMB approval
Completed training	2-4 months after OMB approval
Analyses and Validation	5 - 7 months after OMB approval
On-going Support (as required)	8 months after OMB approval

### B. Publication plan

Information collected through the MIS will be reported in internal CDC documents and shared with state and territorial grantees.

### C. Analysis plan

CDC will not use complex statistical methods for analyzing information. All information will be aggregated and reported in internal documents. Statistical analyses will be limited to simple tabulations.

## 17. Reason(s) Display of OMB Expiration Date is Inappropriate

The expiration date of OMB approval of the data collection will be displayed.

## 18. Exceptions to Certification for Paperwork Reduction Act Submissions

No exemptions are being sought to the certification statement for this data collection.

## **B. Collections of Information Employing Statistical Methods**

CDC will not use any statistical methods to select respondents because all funded states and territories will use the MIS system. Public law requires application submission and financial reporting by the actual recipients of funding. Statistical methods cannot be used to reduce burden or improve accuracy of results because of the nature of the program.

All 13 states and grantees are currently required to submit annual progress reports. The MIS will allow funded programs to submit their progress reports semi-annually by entering information into the system, thus eliminating the need for additional written reports. The MIS will enable CDC to identify training and technical assistance needs, monitor compliance with cooperative agreement requirements, evaluate progress made in achieving program-specific goals, and obtain information needed to respond to Congressional and other inquiries regarding program activities.

### **1. Respondent Universe and Sampling Methods**

CDC does not plan to use any statistical methods to select any respondents because all funded states and territories will be required to use the progress reporting system.

### **2. Procedures for the Collection of Information**

The information will be collected using the described password protected web-based system. Respondents will log into the system at their worksite computer and provide progress reporting information through prompted data entry points.

The respondents will receive training on use of the application and on the required report content prior to their first reporting deadline of February 2007. Respondents will be informed of their reporting deadlines via semi-annual notification letters received from the Procurement and Grants Office (PGO) and via emails sent by the CDC Division of Oral Health to all known users of the system. Respondents will not be re-interviewed or contacted for data validation.

### **3. Methods to Maximize Response Rates and Deal with Nonresponse**

Respondents are required to file twice yearly progress reports in order to continue to receive level federal funding in support of cooperative agreement 3022. Respondents are encouraged to use the web-based system to file these reports, but are not required to do so. Once data has been entered there will be a reduction in the burden hours to the state grantees; therefore, no efforts will be made to maximize respondent use rates. However, rates are expected to be 100%.

### **4. Tests of Procedures or Methods to be Undertaken**

The system will undergo rigorous application testing, including fidelity and usability testing of system design, accuracy and comprehension testing of proposed data elements, and pilot testing of the online system. These tests will be performed using less than 10 respondents per test.

Respondents will be culled from the external workgroup (see Attachment 3).

## **5. Individuals Consulted on Statistical Aspects and Individuals Collecting and /or Analyzing Data**

No individuals will be consulted on statistical aspects of the design as statistical methods will not be used in analysis of the information.

The individuals responsible for design of the data collection system include:

Karen Sicard, Division of Oral Health, Centers for Disease Control and Prevention, (770) 488-5839, [ksicard@cdc.gov](mailto:ksicard@cdc.gov)

Jeanne Casner, Northrop Grumman Mission Systems (contractor), (678) 530-3522, [JCasner@cdc.gov](mailto:JCasner@cdc.gov)

**ATTACHMENT 1**

**APPLICABLE SECTIONS OF LAWS OR REGULATIONS**

## TITLE III—GENERAL POWERS AND DUTIES OF PUBLIC HEALTH SERVICE

### Part A—RESEARCH AND INVESTIGATION

#### IN GENERAL

Sec 301. [241] (a) The Secretary shall conduct in the Service and encourage, cooperate with, and render assistance to other appropriate public authorities, scientific institutions, and scientists in the conduct of, and promote the coordination of, research, investigations, experiments, demonstrations, and studies relating to the causes, diagnosis, treatment, control, and prevention of physical and mental diseases and impairments of man, including water purification, sewage treatment, and pollution of lakes and streams. In carrying out the foregoing the Secretary is authorized to—

(1) collect and make available through publications and other appropriate means, information as to, and the practical application of, such research and other activities;

(2) make available research facilities of the Service to appropriate public authorities, and to health officials and scientists engaged in special study;

(3) make grants-in-aid to universities, hospitals, laboratories, and other public or private institutions, and to individuals for such research projects as are recommended by the advisory council to the entity of the Department supporting such projects and make, upon recommendation of the advisory council to the appropriate entity of the Department, grants-in-aid to public or nonprofit universities, hospitals, laboratories, and other institutions for the general support of their research;

(4) secure from time to time and for such periods as he deems advisable, the assistance and advice of experts, scholars, and consultants from the United States or abroad;

(5) for purposes of study, admit and treat at institutions, hospitals, and stations of the Service, persons not otherwise eligible for such treatment;

(6) make available, to health officials, scientists, and appropriate public and other nonprofit institutions and organizations, technical advice and assistance on the application of statistical methods to experiments, studies, and surveys in health and medical fields;

(7) Enter into contracts, including contracts for research in accordance with and subject to the provisions of law applicable to contracts entered into by the military departments under title 10, United States Code, sections 2353 and 2354, except that determination, approval, and certification required thereby shall be by the Secretary of Health, Education, and Welfare, and

(8) adopt, upon recommendations of the advisory councils to the appropriate entities of the Department or, with respect to mental health, the National Advisory Mental Health Council, such additional means as the Secretary considers necessary or appropriate to carry out the purposes of this section.

The Secretary may make available to individuals and entities, for biomedical and behavioral research, substance and living organisms. Such substances and organisms shall be made available under such terms and conditions (including payment for them) as the Secretary determines appropriate.

(b)(1) The Secretary shall conduct and may support through grants and contracts studies and testing of substances for carcinogenicity, teratogenicity, mutagenicity, and other harmful biological effects. In carrying out this paragraph, the Secretary shall consult with entities of the Federal Government, outside of the Department of Health, Education, and Welfare, engaged in comparable activities. The Secretary, upon request of such an entity and under appropriate arrangements for the payment of expenses, may conduct for such entity studies and testing of

substances for carcinogenicity, teratogenicity, mutagenicity, and other harmful biological effects.

(2)(A) The Secretary shall establish a comprehensive program of research into the biological effect of low-level ionizing radiation under which program the Secretary shall conduct such research and may support such research by others through grants and contracts.

(B) The Secretary shall conduct a comprehensive review of Federal programs of research on the biological effects of ionizing radiation.

(3) The Secretary shall conduct and may support through grants and contracts research and studies on human nutrition, with particular emphasis on the role of nutrition in the prevention and treatment of disease and on the maintenance and promotion of health, and programs for the dissemination of information respecting human nutrition to health professionals and the public. In carrying out activities under this paragraph, the Secretary shall provide for the coordination of such of these activities as are performed by the different divisions within the Department of Health, Education, and Welfare and shall consult with entities of the Federal Government, outside of the Department of Health, Education, and Welfare, engaged in comparable activities. The Secretary, upon request of such an entity and under appropriate arrangements for the payment of expenses, may conduct and support such activities for such entity.

(4) The Secretary shall publish a biennial report which contains--

(A) a list of all substances (i) which either are known to be carcinogens or may reasonably be anticipated to be carcinogens and (ii) to which a significant number of persons residing in the United States are exposed;

(B) information concerning the nature of such exposure and the estimated number of persons exposed to such substances;

(C) a statement identifying (i) each substance contained in the list under subparagraph (A) for which no effluent, ambient, or exposure standard has been established by a Federal agency, and (ii) for each effluent, ambient, or exposure standard established by a Federal agency with respect to a substance contained in the list under subparagraph (A), the extent to which on the basis of available medical, scientific, or other data, such standard, and the implementation of such standard by the agency, decreases the risk to public health for exposure to the substance; and

(D) a description of (i) each request received during the year involved

(I) from a Federal agency outside the Department of Health, Education, and Welfare for the Secretary, or

(II) from an entity within the Department of Health, Education, and Welfare to any other entity within the Department, to conduct research into, or testing for, the carcinogenicity of substances or to provide information described in clause (ii) of subparagraph (C), and (ii) how the Secretary and each such other entity, respectively, have responded to each such request.

(5) The authority of the Secretary to enter into any contract for the conduct of any study, testing, program, research, or review, or assessment under this subsection shall be effective for any fiscal year only to such extent or in such amounts as are provided in advance in Appropriation Acts.

The Secretary may conduct biomedical research, directly or through grants or through grants or contracts for the identification, control, treatment, and prevention of diseases (including tropical diseases) which do not occur to a significant extent in the United States.

The Secretary may authorize persons engaged in biomedical, behavioral, clinical, or other research (including research on mental health, including research on the use and effect of alcohol

and other psychoactive drugs) to protect the privacy of individuals who are the subject of such research by withholding from all persons not connected with the conduct of such research the names or other identifying characteristics of such individuals. Persons so authorized to protect the privacy of such individuals may not be compelled in any Federal, State, or local civil, criminal, administrative, legislative, or other proceedings to identify such individuals.



## PROJECT GRANTS FOR PREVENTIVE HEALTH SERVICES

Sec. 317. (k)(1) The Secretary may make grants to States, political subdivisions of States, and other public and nonprofit private entities for—

(A) research into the prevention and control of diseases that may be prevented through vaccination;

(B) demonstration projects for the prevention and control of such diseases;

(C) public information and education programs for the prevention and control of such diseases; and

(D) education, training, and clinical skills improvement activities in the prevention and control of such diseases for health professionals (including allied health personnel).

(2) The Secretary may make grants to States, political subdivisions of States, and other public and nonprofit private entities for—

(A) research into the prevention and control of diseases and conditions;

(B) demonstration projects for the prevention and control of such diseases and conditions;

(C) public information and education programs for the prevention and control of such diseases and conditions; and

(D) education, training, and clinical skills improvement activities in the prevention and control of such diseases and conditions for health professionals (including allied health personnel).

(3) No grant may be made under this subsection unless an application therefore is submitted to the Secretary in such form, at such time, and containing such information as the Secretary may by regulation prescribe.

(4) Subsections (d), (e), and (f) shall apply to grants under this subsection in the same manner as such subsections apply to grants under subsection (a).

**ATTACHMENT 2**

**FEDERAL REGISTER NOTICE ANNOUNCING  
THE 60-DAY PUBLIC COMMENT PERIOD**

Applications that fail to meet the application due date will *not* be reviewed and will receive *no* further consideration.

**VI. Application Review Information**

Eligible applications in response to this announcement will be reviewed according to the following evaluation criteria:

- Purpose and Need for Assistance—(20 points).
- Approach/Method—Workplan and Activities—(35 points).
- Outcomes/Evaluation/Dissemination—(25 points).
- Level of Effort—(20 points).

**VII. Agency Contacts**

Direct inquiries regarding programmatic issues to U.S. Department of Health and Human Services, Administration on Aging, Office of Evaluation, Washington, DC 20201, telephone: (202) 357-0145.

Dated: July 3, 2006.

**Josefina G. Carbonell,**

*Assistant Secretary for Aging.*

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**BILLING CODE 4154-01-P**

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Centers for Disease Control and Prevention**

**[60 Day-06-05CI]**

**Proposed Data Collections Submitted for Public Comment and Recommendations**

In compliance with the requirement of Section 3506(c)(2)(A) of the Paperwork Reduction Act of 1995 for opportunity for public comment on proposed data collection projects, the Centers for Disease Control and Prevention (CDC) will publish periodic summaries of proposed projects. To request more information on the proposed projects or to obtain a copy of the data collection plans and

instruments, call 404-639-5960 and send comments to Seleda Perryman, CDC Assistant Reports Clearance Officer, 1600 Clifton Road, MS-D74, Atlanta, GA 30333 or send an e-mail to *omb@cdc.gov*.

Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques or other forms of information technology. Written comments should be received within 60 days of this notice.

**Proposed Project**

CDC Oral Health Management Information System -New- National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP), Centers for Disease Control and Prevention (CDC).

*Background and Brief Description*

The CDC seeks to improve the oral health of the nation by targeting efforts to improve the infrastructure of state and territorial oral health departments, strengthen and enhance program capacity related to monitoring the population's oral health status and behaviors, develop effective programs to improve the oral health of children and adults, evaluate program accomplishments, and inform key stakeholders, including policy makers, of program results. Through a cooperative agreement program (Program Announcement 03022), CDC provides approximately \$3 million per year over 5 years to 12 states and one territory to strengthen the states' core oral health infrastructure and capacity and reduce health disparities among

high-risk groups. The CDC is authorized to do this under sections 301 and 317(k) of the Public Health Service Act [42 U.S.C. 241 and 247b(k)].

Information systems provide a central repository of information, such as the plans of the state or territorial oral health programs (their goals, objectives, performance milestones and indicators), as well as state and territorial oral health performance activities including programmatic and financial information. The management information system (MIS) will allow a CDC project officer to enter information related to technical assistance, consultative plans, communication and site visits. For state and territorial oral health programs, this MIS will provide a central location that will allow for the more efficient collection of information needed to meet reporting requirements. The system will allow state and territorial oral health programs immediate access to information and better equip them to respond to inquiries in a timely fashion and to make programmatic decisions in a more efficient, informed manner.

The MIS will support CDC's broader mission of reducing oral health disparities by enabling CDC staff to more effectively identify the strengths and weaknesses of individual state and territorial oral health programs; to identify national progress toward reaching the goals of Healthy People 2010; and to disseminate information related to successful public health interventions implemented by state and territorial programs to prevent and control the burden of oral diseases. The CDC anticipates that the state burden of providing hard-copy reports will be reduced with the introduction of the Web-based progress reporting system. It is assumed that states will experience a learning curve in using this application that burden will be reduced once they have familiarized themselves with it.

There are no costs to respondents except their time to participate in the survey.

**ESTIMATED ANNUALIZED BURDEN HOURS**

Respondents	No. of respondents	No. of responses per respondent	Average burden per response (in hrs.)	Total burden (hours)
State Program Staff .....	12	2	9	216
Territory Program Staff .....	1	2	9	18
Total .....	13	4	18	234

**ATTACHMENT 3**

**NAME, EMAIL ADDRESSES AND PHONE NUMBERS  
OF ORAL HEALTH COOPERATIVE AGREEMENT 3022  
STATE AND TERRITORIAL MIS WORK GROUP**



<b>Name</b>	<b>Email Address</b>	<b>Phone Number</b>
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## **Attachment 4**

### **RESULTS OF THE USABILITY STUDY**

**DOH Management Information System (MIS)**

**Management Overview for Logistics, Analysis, and Reporting  
(MOLAR)  
v1.0**

# **Usability Study Results**

Northrop Grumman Web Applications Team  
Coordinating Center for Health Promotion (CoCHP)  
Centers for Disease Control and Prevention (CDC)



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## Document

## History

Version	Date	Comments	Author
1	03/09/06	Initial Creation	Aimee Murphy

## **Summary**

This document is a summary of the Division of Oral Health Management Overview for Logistics, Analysis, and Reporting (MOLAR) Usability Study Findings which describes the analysis of the data collected during testing. Eight state participants located throughout the United States were tested over the span of a week in February 2006. Because the navigational model and participant interface are based on existing management information systems which were rigorously tested the issues discovered in the MOLAR system were minor.

Also included in this document is a set of recommendations to address the issues discovered as a result of the study, as well as other findings based on participant observation, reactions and suggestions. All recommendations are based upon both quantitative (pre- and post-test questionnaire data) and qualitative (observations of remote participant behavior during the test and post-test discussions with participants) data.

## **Method**

Five usability sessions were conducted. At three of the sessions two representatives from different states were partnered. The participant teams were presented with nine written task scenarios, typical of a task they would perform, and then asked to complete the task in the prototype. For each of these sessions, the co-discovery protocol was used. Co-discovery is a technique in which two participants work together to perform the tasks within a scenario. In the other two sessions, a single participant performed each task. All participants were encouraged to talk aloud (and to each other) as they worked. This format was used to increase verbal feedback while using the system.

## **Purpose**

The purpose of this usability study is to ensure the proposed MOLAR design is both learnable and useable by the state public health staff that will utilize the system. From this study, we sought to understand whether the primary participant community could utilize the system with accuracy and ease. When usability issues were encountered, we worked to uncover the reason for the difficulties so we may provide recommendations to correct the problems in this report.

Emphasis was placed on the following aspects of participant interface design during usability testing:

- Ease of use
- Functional flow between screens
- Consistency of terminology, labeling, and screen layouts
- Error identification and recovery
- Participant satisfaction ratings

## **Objectives**

The objectives of the usability study were to determine:

- if participants can complete each task
- which click stream is most common for participants.
- if everything easily available within the interface.
- if the information architecture make sense to the participants.
- If participants understand how to add, edit and delete information
- If participants are able to successfully attach documents.

## Issues and Recommendations

The usability study revealed issues that ranged from mild to moderate; none of the issues were classified as severe. Each issue is identified below. After each issue, a recommendation for improvement is provided. Other observations, participant responses and recommendations are also documented.

### Issue #1: Staff Page Location

**Priority Level: High**

#### Issue Description

In 5 out of 5 tests, participants had a great deal of difficulty locating the page where the “Add Staff” link resided. All of the participants exhausted the sub-navigational options under the General Information tab, which included visiting and fully exploring Contact Information, Program Overview and Organizational Chart pages prior to visiting the Resources tab (Figure 1.1). One team of two participants tried to add a new staff member by editing the Program Contact Information.

Once participants located the Staff page, 4 out of 5 commented that they do not consider humans as resources. They consider resources to include only the non-human resources. Participants were able to add a new resource with ease, once they located the entry page. In all five tests, participants were adept at editing the staff information.

#### Participant Reactions

- “I think of staff as a part of our General Program. I would never look for it in Resources.”
- “Will the system require us to add more information than I’m accustomed to adding? It seems like they are asking for a lot of information, much more than I usually include.”
- “Why do I have to enter all this extra information for staff?”
- “People are resources? Well, I guess that makes sense when you really think about it.”
- “To me, resources are like money, partners, etc. – not our staff members.”

#### Recommendations

Consider collecting staff information in the General Information section rather than the Resources section. The suggested placement of the ‘Staff’ link is as follows (Figure 1.1)

Figure 1.1



**Issue #2: Placement of Add Objective**  
**Priority Level: Moderate**

**Issue Description**

When asked to add a new objective, participants indicated that they wanted to add an objective under a specific 5-year goal instead of using the general “add objective” link currently located at the upper right corner of the page. Figure 2.1 below illustrates the current layout.

Adding an objective for a specific 5-year goal could pose an additional challenges if an objective is related to more than one 5-year goal. When discussed with participants during post-test discussions, participants noted that it would be very rare that an objective relates to more than one 5-year goal.

Figure 2.1

The screenshot shows the CDC Division of Oral Health MIS interface. At the top, there is a navigation bar with 'CDC Home', 'Search', and 'Health Topics A-Z'. Below this is the 'Division of Oral Health MIS' header. A secondary navigation bar includes 'MOLAR HOME', 'General Program Information', 'Resources', 'Planning', 'Work Plan', 'Help', and 'Log Out'. The main content area is titled '2005-2006 Work Plan' and features a 'Budget Period' dropdown set to '2005-2006'. A 'Show All Objectives' dropdown is also present. The page is organized into four sections:

- 1 - Leadership Capacity:** Includes an 'Add Objective' link (circled in red) and a table with three rows: 'Hire Dental Director' (Proposed, 10/2005-04/2006), 'Training for Staff' (In Progress, 09/2005-04/2007), and 'Hire Epidemiologist' (Completed, 11/2005-04/2008).
- 2 - Disease Burden:** Includes a table with two rows: 'Perform Burden Assessments' (In Progress, 10/2005-10/2007) and 'Complete and Publish Burden Document' (In Progress, 10/2006-10/2007).
- 3 - State Oral Health Plan:** Includes a table with the text 'No Information Entered'.
- 4 - Statewide Coalition:** Includes a table with the text 'No Information Entered'.

**Participant Reactions**

- “There’s no way for me to add my objective under coalitions. There’s no option next to the objective title.”
- “The last time I added an objective, it (the system) automatically knew to put my objective under State Oral Health Plan. I’m not sure how that happened.”
- “In our state, it is rare that an objective will support more than one five-year goal. We rarely see overlap.”
- “I think it would be easier if you put the ‘add’ next to each goal. I thought this page was just a listing – sort of like a table of contents - and that I couldn’t add anything to it.”

**Recommendations**

Remove the general “Add Objective” link from the upper right corner of the page. Insert an “Add Objective” link next to each 5-year goal category as shown in Figure 2.2. When the add page is opened, the goal category would be pre-selected and participants could also select additional goal categories if necessary.

Figure 2.2

The screenshot shows the CDC Division of Oral Health MIS interface. At the top, there is a navigation bar with 'CDC Home', 'Search', and 'Health Topics A-Z'. Below this is the CDC logo and the text 'SAFER • HEALTHIER • PEOPLE™'. The main header reads 'Division of Oral Health MIS'. A secondary navigation bar includes 'MOLAR HOME', 'General Program Information', 'Resources', 'Planning', 'Work Plan', and 'Help | Log Out'. The main content area is titled '2005-2006 Work Plan' and includes a 'Budget Period: 2005-2006' dropdown menu and a 'Show All Objectives' dropdown menu. There are four main categories, each with an 'Add Objective' link circled in red:

- 1 - Leadership Capacity** (Add Objective link circled in red)
 

Objective Title	Status	Time Frame
<a href="#">Hire Dental Director</a>	Proposed	10/2005-04/2006
<a href="#">Training for Staff</a>	In Progress	09/2005-04/2007
<a href="#">Hire Epidemiologist</a>	Completed	11/2005-04/2008
- 2 - Disease Burden** (Add Objective link circled in red)
 

Objective Title	Status	Time Frame
<a href="#">Perform Burden Assessments</a>	In Progress	10/2005-10/2007
<a href="#">Complete and Publish Burden Document</a>	In Progress	10/2006-10/2007
- 3 - State Oral Health Plan** (Add Objective link circled in red)
 

Objective Title	Status	Time Frame
No Information Entered		
- 4 - Statewide Coalition** (Add Objective link circled in red)
 

Objective Title	Status	Time Frame
No Information Entered		

**Issue #3: Updating Activity Status and Timeline on Progress Page**  
**Priority Level: Moderate**

**Issue Description**

On the activity revisions page, the following question appears:

\*Does the activity status, start date or end date need to be revised? Yes/No

If the participant select yes, the system displays date and explanation text boxes for the revision of the following (see Figure 3.1)

- 1) Reason for status revision
- 2) Reason for activity start date change
- 3) Reason for activity end date change

**Recommendations**

Consider changing the question ‘Does the activity status, start date or end date need to be revised?’ to ‘What aspects of the activity needs to be revised?’ with the options ‘Status’, ‘Start Date’, and ‘End Date’ (figure 3.1 and 3.2). The remaining questions will be filtered depending upon which elements are selected therefore reducing the display of extraneous fields that the participant does not need to complete.

**Figure 3.1**

**Activity Revisions**

\*Which aspects of the activity need to be revised?  Status  Start Date  End Date

Revise activity end date  /  (MM/YY)

Explain reason for revising end date (required only if end date is extended)

**Figure 3.2**

**Activity Revisions**

\*Which aspects of the activity need to be revised?  Status  Start Date  End Date

Revise activity status

Explain reason for revising status (required only if status is revised to "Deferred" or "Cancelled")

Revise activity start date  /  (MM/YY)

Explain reason for revising start date (Required only if start date is delayed.)

Revise activity end date  /  (MM/YY)

Explain reason for revising end date (required only if end date is extended)

**Issue #4: Identification of Active Tab and Secondary Menu Relationship**  
**Priority Level: High**

**Issue Description**

Several participants experienced difficulty interpreting the navigational cues embedded in the tabbed navigation because the active tab is a different background color than the secondary navigation. The background colors are incongruent and do not communicate the relationship between the primary and secondary navigational elements.

**Recommendation**

Secondary navigation background should be the same color as the active tab.

Figure 4.1

The screenshot shows the CDC Division of Oral Health MIS website. At the top left is the CDC logo with the tagline "SAFER • HEALTHIER • PEOPLE™". To the right of the logo are links for "CDC Home", "Search", and "Health Topics A-Z". Below this is the main heading "Division of Oral Health MIS". A navigation bar contains several tabs: "MOLAR HOME", "General Program Information", "Resources", "Planning" (which is highlighted in red), and "Work Plan". To the right of these tabs are links for "Help" and "Log Out". Below the navigation bar is a horizontal menu with links for "State Plan", "Surveillance Plan", "Burden Document", "Assessments", and "Evaluation Plan". The main content area is titled "2005-2006 Planning" and includes a "Budget Period:" dropdown menu set to "2005 - 2006" with a "Go" button. Below this is a "State Plan" section with a table listing plans.

Working / Published Title	Plan Status	Anticipated / Published Date	Attachments
Georgia State Plan	Draft	05 / 2006	<a href="#">1 Attachments</a> <a href="#">View</a>   <a href="#">Edit</a>   <a href="#">Delete</a>



**Issue #5: Content Issues**  
**Priority Level: Medium**

**Issue Description:**

Several participants had comments about the content of MOLAR. These comments are listed below:

1. In 3 out of 5 tests, participants were very confused about the Ethnicity question under “Identify the target population(s) from the burden report”. Many asked why the options were dealt with Hispanic or Latinos. One participant asked “Is it even worthwhile to ask this? Why do they need to know this?”
2. “Our Burden document covers people of all ages. Why are they asking target population ages? CDC wants our burden report to be comprehensive and cover everyone. We’re following their guidance to serve all ages, but then they ask us what ages we are targeting? This doesn’t make sense.”
3. When adding an objective, participants asked why the status defaulted to “proposed”. Three participants asked how their objective would be approved and who would approve it.
4. On the Add Objective page, one participant suggested changing the help text next to the question: \*Measure of success “filtered based on selected 5 yr goal”. The participant suggested that we change “filtered based on selected 5 yr goal” to “For each 5-year goal selected, chose the measures of success”.
5. One participant team was particularly confused by the use of the term “product”. They did not have a strong sense of what we were asking for in this question.

**Recommendation**

CDC Work group discuss user content questions/concerns and advise. These content issues do not affect the user interface design.

**Issue #6: Ability to Print screens****Priority Level: Low****Issue Description:**

Some participants expressed concern about gathering the data necessary to complete their grant applications online. Several individuals noted that they currently divide up certain parts of the application among coalition coordinators, health communication specialist, etc. It was suggested that a print-friendly version of data entry pages be provided. This will allow the main MOLAR state user to communicate with team members regarding the type of information needed for the grant application.

**Participant Reactions**

- “Our coalition coordinator, health communication specialists, etc are all in charge of different sections when we submit our application. This is going to be hard to divide responsibilities now because they will need to submit all of their information to a staff member who will enter it into your system. We need a way to communicate with all these other people what the CDC is asking for. Can we print the form pages so we can ask for the correct data ahead of time?”

**Recommendation**

Provide print-friendly versions of data entry pages in a future version of MOLAR.

## Other Participant Comments

1. “It seems to be that our state puts more on paper than this system requires. I’m skeptical that they missed something.”
2. “Are you going to train us on this system? We’re going to need a definitions sheet to make sure we are on the same page with terminology.”
3. “The system looks like it could be interesting, especially since it will replace our current reporting system. I think it is easy to use if you know where you are going. It takes awhile to find your way around.”
4. “I’m feeling overwhelmed. This is a tremendous amount of work; I will have to find staff to devote to this. How can I account for this in my budget? The program reporting and application processes are daunting. Information is formatted differently, so this is all new. It is going to take an inordinate amount of time to learn this. We don’t have any money in our budget to spare but now we’ll have to fuss with this new system and it will take money that we don’t have. All in all, if I had staff, I’d be a happy camper. I’m just saying that fitting this in with everything else will be difficult.”
5. “This system seems pretty easy once you know your way around.”
6. “It would be really nice if the cursor jumped to the next field so I don’t have to use my mouse after each answer.”
7. “Can you make it jump to the next field automatically?”
8. Participants suggested that, when appropriate, we alphabetically rearrange our list boxes, checkboxes, scrolling check boxes, etc. to aid when searching for specific options.

## Pre-Test & Post-Test Findings

A pre-test and post-test questionnaire was administered prior to and after the usability test, respectively. From these questionnaires, we were able to gather additional data regarding the background of the participants, their technical skill level, and their reactions to the MOLAR application. Listed below are some key findings and suggestions.

- All participants
  - Use PCs
  - Use computer mostly at work
  - Utilize IE 6.0 as their browser
  - Spend more than 4 hours using a computer each day
  - Listed checking email, using the Internet/Intranet, and software programs such as Word and Excel as their most frequent computer related activities.
- 7 participants rated their computer experience as Intermediate, while 1 rated as Expert.
- 5 participants rated their internet experience as Intermediate, while 3 said they were Experts.
- Participants used one of these three ways to ask for help when having difficulty using a website.
  - Refer to manuals
  - Ask someone
  - Contact site administrator
- Participants liked the application for providing centralized program status information available throughout the year. They felt that site was easy to navigate and easy to read.
- 50% of participants were not sure where to look for certain things.
- Participants asked for the addition of online Help features.
- The availability of Participant's guide, FAQ or definition sheet was one of the suggested improvements for the application.
- The participants suggested the addition of an automatic email reminder to alert them when updates to the system are due.
- The availability of the system year-round was appealing to participants.
- Participants like the idea that MOLAR has the potential to reduce paperwork. Many commented that they looked forward to having a centralized area to store program information.
- What did you like least about the MOLAR application?
  - Were unsure where to look for certain things.
  - Some participants felt this system would not save time.
  - Some definitions didn't match those in the participants' current grant applications.

## Appendix 1: Pre-Test Questionnaire Results

Participants in the usability testing answered a questionnaire before the beginning of the test. The questionnaire was used to understand background and experience of the participants. Eight participants returned the questionnaire. The results are below.

Questions	Responses
1. What is your current job title?	Program Administrator - 2 participants Bio Statistician - 1 participant Dental Director - 1 participant State Oral Health Chief - 1 participant CDC Program Coordinator - 1 participant Acting Director - 1 participant Evaluation Consultant - 1 participant
2. How long have you held your current position?	10+ years - 1 participant 5+ years - 2 participants 3+ years - 2 participants Les than 1 year - 3 participants
3. Have you been involved in discussions or creation of the MOLAR application?	Yes - 3 participants No - 5 participants
3a. How have you been involved in the process?	Observer Helped pick the name
4. In general, how do you feel about working with computers?	Don't like - 0 participants No Strong like or dislike - 1 participant Like Working - 5 participants Other - 2 participants (frustrated when things do not work their way)
5. What type of computer do you use most often?	PC - 8 participants MAC - 0
6. On average, how much time do you spend using a computer each day?	More than 4 hours - 8 participants
7. Where do you use your computer most often?	At Work - 8 participants
8. How would you rate your <b>computer</b> experience?	Intermediate - 7 participants Expert - 1 participant
9. When having difficulty	Yes - 5 participants

- using a web site, do you ever use "online help" to solve your problem?  
No - 1 participants  
Sometimes - 2 participants
10. What other ways do you ask for help when having difficulties on a web site?  
Refer Manuals  
Ask someone  
Contact site administrator
11. How many hours do you spend on the Internet per week (including office and personal use)?  
1-5 hour - 3 participants  
6-10 hour - 3 participants  
15+ hour -2 participants
12. In general, what are the most frequent computer-related activities you do?  
Email  
Internet/Intranet  
Software program/application - MS Word, MS Excel
13. What resolution is your monitor set to?  
1024 x 768 - 4 participants  
800 x 600 - 1 participant  
Didn't know - 2 participants  
Did not answer - 1 participant
14. How would you rate your **internet** experience?  
Intermediate - 5 participants  
Expert - 3 participants
15. What browser type and version do you most often use?  
IE 6.0 - 8 participants
16. Which activities have you performed online?
- o Ordered a product/service from a business, government or educational entity by filling out a form on the web - 8 participants
  - o Made a purchase online for more than \$100 - 7 participants
  - o Created a web page - 0 participants
  - o Customized a web page for yourself (e.g. MyYahoo, CNN Custom News) - 3 participants
  - o Changed your browser's "startup" or "home" page - 6 participants

- o Changed your "cookie" preferences  
- 6 participants
- o Participated in an online chat or  
discussion (not including email) - 6  
participants
- o Listened to a radio broadcast online  
- 4 participants
- o Made a telephone call online - 2  
participants
- o Used a nationwide online directory  
to find an address or telephone  
number - 5 participants
- o Taken a seminar or class about the  
Web or Internet - 4 participants
- o Bought a book to learn more about  
the Web or Internet - 2 participants

## Appendix 2: Participant Tasks

### Task 1: Add a staff member

You need to add a third staff member, Hank Smith, MPH. Below is the information you will need:

Name: Hank Smith, MPH  
Address: 2343 Burnt Mill Drive, Suite 100, Atlanta GA 30306  
Telephone number: 404-555-1234 ext. 0002  
Email address: [hsmith@email.com](mailto:hsmith@email.com)  
Position Title: Program Manager  
Overall OH Program Time Allocation: 100%  
Cooperative Agreement Program Time Allocation: 100%  
Primary Role: Program Manager  
Other roles and time allocation: Grant writer: 10%  
MIS Contact: 5%  
Program Manager: 85%  
% of salary funded by CDC DOH: 50%  
Other funding sources: Permanent state dollars, CDC prevention block grant  
Employment type: State employee  
Date Started: 10/2004

### Task 2: Add Burden Report Information

You need to add information about your state's draft burden report. Use the information below to complete the task:

Title: Oral Health Burden in Georgia  
Status: Draft  
Anticipated Publish Date: 06/2006  
Progress to date: We are in the final stages of data analysis after several months of data gathering and updating. Overall, the report is around 85% complete.

### Task 3: Add Burden Report Information

Your burden report *has now been* published. Update your existing information with the following:

Title: The Burden of Oral Disease in the State of Georgia  
Status: Published  
Date Published: July 2006  
Date Last Revised: June 2006  
Web address: <http://www.gaburdenreport.org>  
Dissemination: Academia/School  
Business/industry sector  
General public  
Media  
Target Populations:  
Race: African American or Black  
Asian  
White  
Ethnicity: Hispanic or Latino  
Gender: Male, Female  
Geography: City  
Age: 20-49 years  
Income: Medicaid eligible  
Data Sources used:



ASTDD State Synopsis  
My Water's Fluoride (MWF)  
Chronic Disease Indicators (CDI)

Indicators consistent with:

NOHSS:

Percentage of people who visited the dentist or dental clinic within the past year.

ASTDD State Synopsis:

Number of dentists in the state.

WFRS:

Population served by public water system.

Burden report includes description of:

Oral health assets

Oral health burden

Oral health disparities

#### **Task 4: Add an objective**

Your state's oral health program needs to develop a statewide OH plan pinpointing issues which will identify oral health needs, available resources, and strategies to address the need. To accomplish this, you need to create a SMART objective. Use the information below to complete this task:

- Title: Develop Oral Health State Plan
- 5 Year Goal: Develop or update a comprehensive State Oral Health Plan
- Measure of success: Plan addresses oral health infrastructure including current resources, gaps in resources and recommendations for their elimination
- Baseline and Target: Your state plan has not yet been started and the target is to be 100% complete by the end date of this objective.
- Evidence for successfully measuring target: The state plan document will be completed and published
- Describe how this objective will establish..... : We will have a comprehensive state plan addressing our state's oral health needs over the next 5 years.
- Start date: 01/2006
- End date: 01/2007

#### **Task 5: Add another objective**

Your state's Oral Health Program needs additional partners on the statewide coalition to be consistent with the coalition framework as recommended by CDC. To accomplish this, you need to create a SMART objective. Use the information below to complete this task:

- Title: Enhance statewide coalition
- 5 Year Goal: Establish and sustain a diverse statewide oral health coalition.
- Measure of success: Coalition membership represents categories in the coalition framework
- Baseline and Target: Your coalition has 10 existing members and plans to increase to at least 15 total members who span the framework categories
- Evidence for successfully measuring target: The statewide coalition will be representative of all categories in the coalition framework, thus enhancing our state program's reach.
- Describe how this objective will establish..... : The framework will be diverse which will help to ensure that the program's objectives will have the greatest impact.
- Start date: 07/2006
- End date: 06/2007

**Task 6: Add an activity**

An important step when developing your oral health state plan is to work with your partners and the coalitions to draft the plan and determine priorities. Use the information below to complete this task:

Title: Determine state priorities and draft plan

Description: Work with existing partners and coalitions to determine priorities to be included in the state plan and then to create a draft of the state plan.

The lead role is assigned to the activity is the program coordinator. No contactors working on this activity. The partners involved are the State Board of Education, Dentists Association of Georgia, and Hygienists Association of Georgia.

Partners are donating personnel to aid in this activity.

The activity duration is 01/2006 – 06/2006.

**Task 7: Add activity progress for the activity previously entered (draft state plan)**

You need to enter a progress record for the activity you previously entered. You have started work on the state plan, but need to extend the due date. Enter progress for this activity using the information below:

Date progress occurred: 02/01/2006.

Describe progress: Priorities for the state plan have been determined, but have not yet started drafting the report due to a lack in resources.

Revisions? Yes

Revise activity end date: 12/2006

Explain: We've had to extend the end date because our lead staff member has taken another position with the state health department and we are working to replace this staff member. We are currently interviewing potential candidates and hope to have a replacement by 4/2006.

**Task 8: Add progress for the Objective that you entered (coalition) in Task 5.**

Time has passed and it's now August 2006. You need to enter progress on the objective you entered regarding enhancement of your statewide coalition. Use the information below to complete the task:

Date progress occurred: 07/06/2006

Describe progress: Held an introductory meeting for potential members to introduce them to the state oral health program's goals and ask questions about the state program.

Target met? Since the objective is still ongoing, the target has not yet been met.

No current measure is applicable, barriers or plans to overcome barriers, no other outcomes, and no revisions to this objective.

**Task 9: Add a product**

Because of the success and positive outcome for the coalition objective, Lisa Moore, the program coordinator, has written an article called "Coalition Member Recruiting" to appear in JAPHA. You need to enter this article as a product in the MIS.

Title: Coalitions Recruiting

Description: This document contains lessons learned and success stories based on our program experiences when trying to enhance our existing coalition by recruiting new members and diversifying our membership.

Attach file

Title: Coalition recruiting

File location: Click Browse to find a file.

Date file last revised: 01/2006

Can this document be shared? Yes, you are willing to share this article with any other state programs who are interested.

### **Appendix 3: Post-Test Questionnaire Results**

Participants in the usability testing answered a questionnaire after the testing was completed. The questions allowed participants to rank their feelings toward aspects of the interface using a Likert scale. Six participants returned the questionnaire. The results are below.

<b>Questions</b>	<b>Responses</b> <b>Strongly Agree -----&gt; Strongly Disagree</b>
1. I was able to find what I needed quickly and easily.	Agree – 1 participant Somewhat agree – 2 participants Neither agree nor disagree – 2 participants Disagree – 1 participant
2. When navigating, I had a clear sense of where I was in the website.	Agree – 1 participant Somewhat agree – 3 participants Neither agree nor disagree – 1 participant Disagree – 1 participant Strongly disagree – 1 participant
3. The site is consistently designed.	Agree – 3 participants Somewhat agree – 2 participants Disagree – 1 participant
4. The site is easy to read.	Agree – 2 participants Somewhat agree – 2 participants Neither agree nor disagree – 1 participant Somewhat disagree – 1 participant
5. The link labels are easy to understand.	Somewhat agree – 4 participants Neither agree nor disagree – 1 participant Strongly disagree – 1 participant
6. The site was difficult to navigate.	Strongly Agree – 1 participant Somewhat agree – 1 participant Neither agree nor disagree – 2 participants Somewhat disagree – 1 participant Disagree – 1 participant
7. All major parts of the site are	Agree – 1 participant XXX

- accessible from the home page. Somewhat agree – 3 participants  
Neither agree nor disagree – 1 participant
- Very Easy -----→ Very Difficult**
8. Rate how difficult it was to learn the MOLAR application. Very easy – 1 participant  
Somewhat easy – 2 participants  
Neither easy nor difficult – 1 participant  
Somewhat difficult – 1 participant  
Difficult - 1 participant
9. Rate the understandability of terms and labels used throughout MOLAR. Somewhat easy – 3 participants  
Neither easy nor difficult – 1 participant  
Difficult – 2 participants
- Very Satisfied -----→ Very Unsatisfied**
10. Rate your satisfaction with the information presented and its layout. Satisfied – 2 participants  
Somewhat satisfied – 2 participants  
Somewhat unsatisfied – 2 participants
11. Rate your satisfaction with the appearance of the site. Satisfied - 2 participants  
Somewhat satisfied – 3 participants  
Neither satisfied nor unsatisfied - 1 participant
12. Considering all factors (ease of learning, ease of use, ease of moving between pages, ease of locating information) provide an overall rating of your satisfaction with the site. Satisfied – 1 participant  
Somewhat satisfied – 3 participants  
Somewhat unsatisfied – 2 participants
13. **What did you like best about the Molar application?**
- Pretty easy to navigate
  - Able to add information throughout the month/year
  - Easy to read. Layout was organized well

- Potential for paperwork reduction. Location for centralized program status information

**14. What did you like least about the Molar application?**

- Wasn't sure where to look for certain things
- Don't see it ever saving time
- Some definitions didn't match those in our current grant applications
- Limitation in ability to cross reference objectives

**15. What improvements would you recommend for MOLAR?**

- Print seems a little small and not bold enough
- Participant's guide, FAQ, or definition sheet
- Too soon to tell

**16. What future capabilities would you like to see?**

- Automatic reminders for updates
- Cursor automatically moved from one field to the other when entering dates
- Interaction with project officer. Ability to have multiple folks enter data into system
- Need a person designated to this system

## **ATTACHMENT 5**

### **PORPOSED MIS DATA COLLECTION INSTRUMENT**

Form Approved  
OMB NO. \_\_\_\_\_  
Exp. Date \_\_\_\_\_

Division of Oral Health  
Semi-Annual Progress Report

Public reporting burden of this collection of information is estimated to average 9 hours per response (semi-annual and annual report), including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ASTDR Reports Clearance Officer; 1600 Clifton Road NE, MS D024, Atlanta, Georgia 30333; ATTN: PRA (0920-XXXX)

## Overview

The following table defines the data proposed for collection through the CDC Division of Oral Health Information System (DOH IS). For each key section, the question and response options are identified. If the response option is labeled “text”, the responder can enter free form text. Questions marked with an asterisk (\*) indicate a required question.

## Information Sections

The data collected is grouped according to the key sections listed below.

### General Program Information

#### Staff

#### Partners

#### Contracts

#### Statewide/Community-Based Coalition

#### Budget Detail And Justification

#### Systemic, Socio-political, and Policy Change Assessment

#### Disease Burden, Priority Population, and Unmet Needs

#### Data Sources

#### Work Plan Objectives

#### Work Plan Objective Progress

#### Work Plan Activities

#### Work Plan Activity Progress

#### Work Plan Products

### General Program Information

Question	Response Options
Program Contact Information	
Mailing address line 1*	Text
Mailing address line 2	Text
Mailing city*	Text
Mailing state*	Select from list of states
Mailing zip*	Text
Shipping address line 1*	Text
Shipping address line 2	Text



Shipping city*	Text
Shipping state*	Select from list of states
Shipping zip*	Text
Program telephone*	Number
Program fax	Number
Program web address	Text
Principle Investigator*	Text
Principle Investigator Telephone*	Text
Business Official*	Text
Business Official Telephone*	Text
Funded for fluoridation program (10A)? *	Yes/No, list first year of funding
Funded for sealant program (10B)?*	Yes/No, list first year of funding
Program Overview	
Program type*	Select one: Capacity Building Basic Implementation
Program summary*	Text
Program goals*	Text
Organization Chart	
File name*	Text
Type*	Select one: Overall state health structure State health agency structure Oral health program structure
Date last revised*	Month and Year

#### Staff

Question	Response Options
First name*	Text
Middle name	Text
Last name*	Text
Credentials	Text
Address same as program mailing address	Select one: Yes No
Address line 1*	Text
Address line 2*	Text
City*	Text
State*	Text
Zip*	Number
Telephone*	Number
E-mail address*	Text

Question	Response Options														
Position title*	Text														
Overall oral health program time allocation*	Percent														
Program time allocation working on cooperative agreement*	Percent														
Primary role within oral health program*	Select one: Administrative support Agency manager Budget manager Coalition coordinator Community developer Computer technology support Cooperative agreement program contact Data analyst Data manager Dental consultant Dental director Dental sealant coordinator Epidemiologist Evaluation specialist Fluoridation engineer Fluoridation specialist/coordinator Grant writer Health communication specialist Health educator MIS contact Policy developer Principle investigator Program coordinator Program manager Regional consultants Web designer Other (specify)														
Indicate all roles performed including the primary role of this staff member and the percent of overall program time allocation for each role. * (the total of all roles FTE must add up to the overall FTE)	Select all that apply:  <table border="0"> <thead> <tr> <th data-bbox="812 1648 1112 1680">Role</th> <th data-bbox="1144 1648 1380 1680">% of Overall FTE</th> </tr> </thead> <tbody> <tr> <td data-bbox="812 1680 1112 1711">Administrative support</td> <td data-bbox="1144 1680 1380 1711">Percent</td> </tr> <tr> <td data-bbox="812 1711 1112 1753">Agency manager</td> <td data-bbox="1144 1711 1380 1753">Percent</td> </tr> <tr> <td data-bbox="812 1753 1112 1795">Budget manager</td> <td data-bbox="1144 1753 1380 1795">Percent</td> </tr> <tr> <td data-bbox="812 1795 1112 1837">Coalition coordinator</td> <td data-bbox="1144 1795 1380 1837">Percent</td> </tr> <tr> <td data-bbox="812 1837 1112 1879">Community developer</td> <td data-bbox="1144 1837 1380 1879">Percent</td> </tr> <tr> <td data-bbox="812 1879 1112 1932">Computer technology support</td> <td data-bbox="1144 1879 1380 1932">Percent</td> </tr> </tbody> </table>	Role	% of Overall FTE	Administrative support	Percent	Agency manager	Percent	Budget manager	Percent	Coalition coordinator	Percent	Community developer	Percent	Computer technology support	Percent
Role	% of Overall FTE														
Administrative support	Percent														
Agency manager	Percent														
Budget manager	Percent														
Coalition coordinator	Percent														
Community developer	Percent														
Computer technology support	Percent														

Question	Response Options
	Data analyst                      Percent Data manager                      Percent Dental consultant                  Percent Dental director                    Percent Dental sealant                      Percent coordinator Epidemiologist                    Percent Evaluation specialist              Percent Fluoridation engineer            Percent Fluoridation                        Percent specialist/coordinator Grant writer                        Percent Health communication          Percent specialist Health educator                    Percent MIS contact                        Percent Policy developer                    Percent Program coordinator              Percent Program manager                  Percent Regional consultants            Percent Web designer                        Percent Other (specify)                    Percent
What percent of the primary role's overall FTE is funded by CDC DOH? *	Percent
Please identify what other sources fund this staff member's salary*	Select all that apply: Permanent state dollars One-time only state dollars CDC/DOH core dollars CDC/DOH supplemental dollars Maternal Child Health block grant CDC prevention block grant Other (specify)
Employment type*	Select one: State employee State outsourced contract Temporary state employee Other (specify)
Date started with state oral health program*	Month and Year
Date finished with state oral health program	Month and Year
Curriculum vitae/resume*	Text – file name
Date last revised	Month and year

## Partners

Question	Response Options
Partner organization*	Text
Contact first name*	Text
Contact last name*	Text
Address line 1	Text
Address line 2	Text
City	Text
State	Text
Zip	Number
Telephone	Number
E-mail address	Text
Website	Text
Partner Status*	Select one: Active Inactive
Is this partner a member of a statewide or community-based oral health coalition?*	Select one: Yes (Select coalition) No
Partner level*	Select one: National Regional State District/Local
Partner type*	Select up to 3: Academia/education Advocacy group An Individual Business/industry sector Civic organization Community based organization Community health center Cultural organization District or local government agency Environmental agency Faith-based organization Federal government agency Foundations Healthcare organization Nonprofit organization Other government agency Organization representing priority population Prevention research center

Question	Response Options
	Professional association Public health official Quality improvement organization State government agency Volunteer agency Other (specify)
Contributions*	Select all that apply: Communication network access Conference sponsor Consultation Data analysis Epidemiology Equipment Evaluation Funding Media Personnel Supplies and equipment Training/education Travel assistance Visibility (credibility) Other (specify)
Evidence of collaboration*	Select all that apply: Joint dedication of resources Letter of support Memorandum of agreement (MOA) Memorandum of understanding (MOU) Other (specify)

#### Contracts

Question	Response Options
Organization name*	Text
Contact first name*	Text
Contact last name*	Text
Address line 1	Text
Address line 2	Text
City	Text
State	Text
Zip	Number
Telephone	Number
E-mail address	Text
Website	Text
Is this contractor fulfilling the role of a	Select one:

Question	Response Options
staff member for the state health department*	Yes No
Primary role(s)*	Select all that apply: Administrative support Coalition coordination Community development Computer technology/support Data analysis Data collection Data management Dental sealant coordination Epidemiologist Evaluation Facilitator Fluoridation engineering Fluoridation coordination Grant writing Health communication Health education Meeting/conference facilitation Policy development Program consultant Public relations Regional consultants Training Web/Application designer Other (specify)
Contract amount*	Number
Contract Attachment*	File Name - Text
Date Last Revised*	Date
Type*	Select one or more: Meeting minutes Method of accountability Method of selection Period of performance Scope of work

Statewide/Community-Based Coalition

Question	Response Options
Coalition Name*	Text
Type*	Select one: Community

Question	Response Options
	Regional Statewide Other (Specify)
Number of members	Number
Member composition*	Select all that apply: Government: Social services Environmental health State/Local Health Department Interagency and/or Interdepartmental Steering Committee Other (specify)  Community: Business leader Community water supervisor/manager Community-based clinic Faith-based organization Foundation Local community health department Other (specify)  Education: Local school administrator Parent Teacher Association School nurse association Education Regional staff Other (specify)  Third Party Payers: Insurance Managed care Medicaid Other (specify)  Policy Makers: Federal legislator Local/community policy maker Policy advocate State legislator Other (specify)
Meeting frequency*	Select one:

Question	Response Options
	Monthly Quarterly Semi-annually Annually Other (specify)
Priority focus areas*	Select all that apply: Infants and toddlers Children Adolescents Adults Older adults Access Aging population Assessment Caries Communications/marketing Disparity Education Evaluation Fluoridation Funding Infection control Infrastructure Injury prevention Oral and systemic disease Oral cancer Periodontal disease Policy Program/system sustainability Sealants Surveillance Tobacco cessation Work force Other (specify)
Does a specific group within the coalition address any of the following priority areas?*	Infrastructure Yes No Fluoridation Yes No N/A, HP2010 has been met Sealants Yes



Question	Response Options
	No N/A, HP2010 has been met
List Any Coalition Sub-Groups	Text
Sustainability evidence type*	Select all that apply: 501c3 status By-laws Clerical staff support Established internal communication network Evaluation of coalition and coalition activities Funding and institutionalization Stakeholder maintenance/list Letter of support Leveraging resources Meeting minutes/schedules Membership maintenance/list Memorandum of agreement/understanding Policy development Products & impact SMART action plan development and implementation Visibility Written priorities/plans/strategies Written vision/mission statements Other (specify)
Attachment*	File Name - Text
Date Last Revised*	Date
Type*	Select all that apply: 501c3 status By-laws Clerical staff support Established internal communication network Evaluation of coalition and coalition activities Funding and institutionalization Stakeholder maintenance/list Letter of support Leveraging resources Meeting minutes/schedules Membership maintenance/list Memorandum of agreement/understanding Policy development Products & impact SMART action plan development and implementation Visibility

Question	Response Options
	Written priorities/plans/strategies Written vision/mission statements Other (specify)

### Budget Detail and Justification

Question	Response Options
Personnel	
Budget type	Display only
Personnel*	Select from list
Position Title	Display only
Yearly salary*	Number
% of time	Display only
Number of months per year*	Number
Amount	Number
Justification*	Text
Allocation*	Enter each Federal requested amount or % State cash amount or % State in-kind amount or % Other cash amount or % Other in-kind amount or %
Fringe benefit rate*	Percent
Fringe amount	Number
Fringe allocation*	Enter each Federal requested amount or % State cash amount or % State in-kind amount or % Other cash amount or % Other in-kind amount or %
Travel	
Budget type*	Select one: Base funding Supplemental Carryover (Specify year)
Trip title*	Text
Type*	Select one: Instate Out of state

Question	Response Options
Number of people*	Number
Number of trips*	Number
Dates of Travel	Enter date range
Per diem	Number
Mileage	Number
Ground transportation	Number
Airfare	Number
Lodging	Number
Car rental	Number
Other	Number
Amount	Number
Justification*	Text
Allocation*	Enter each Federal requested amount or % State cash amount or % State in-kind amount or % Other cash amount or % Other in-kind amount or %
Equipment	
Budget type*	Select one: Base funding Supplemental Carryover (Specify year)
Equipment title*	Text
Number of units*	Number
Cost per unit*	Number
Amount	Number
Justification*	Text
Allocation*	Enter each Federal requested amount or % State cash amount or % State in-kind amount or % Other cash amount or % Other in-kind amount or %
Supplies	
Budget type*	Select one: Base funding Supplemental Carryover (Specify year)

Question	Response Options
Supply title*	Text
Number of units*	Number
Cost per unit*	Number
Amount	Number
Justification*	Text
Allocation*	Enter each Federal requested amount or % State cash amount or % State in-kind amount or % Other cash amount or % Other in-kind amount or %
Contractual	
Budget type*	Select one: Base funding Supplemental Carryover (Specify year)
Organization name	Select from list
Primary role	Display only
Amount*	Number
Justification*	Text
Scope of work*	Text
Method of accountability*	Text
Period of performance*	Enter date range
Method of determination*	Text
Allocation*	Enter each Federal requested amount or % State cash amount or % State in-kind amount or % Other cash amount or % Other in-kind amount or %
Travel costs included?*	Select one: Yes No
Type*	Select one: Instate Out of state
Number of people*	Number
Number of trips*	Number
Dates of Travel	Enter date range

Question	Response Options
Per diem	Number
Mileage	Number
Ground transportation	Number
Airfare	Number
Lodging	Number
Car rental	Number
Other	Number
Amount	Number
Other	
Budget type*	Select one: Base funding Supplemental Carryover (Specify year)
Description*	Text
Amount*	Number
Justification*	Text
Allocation*	Enter each Federal requested amount or % State cash amount or % State in-kind amount or % Other cash amount or % Other in-kind amount or %
Indirect Charges	
Budget type*	Select one: Base funding Supplemental Carryover (Specify year)
Indirect charge rate*	Percent
Indirect charge base* (Object class categories against which the indirect rate is applied.)	Select all that apply: Personnel Fringe benefits Travel Equipment Supplies Contractual Other
Comments*	Text
Amount	Display only

Question	Response Options
Allocation*	Enter federal requested amount or %

### **Systemic, Socio-political, and Policy Change Assessment**

Question	Response Options
Assessment title*	Text
Date of assessment*	Date
Next expected assessment date*	Date
Level*	Select all that apply: State Region within state Local Other (specify)
Frequency of assessment*	Select one: Quarterly Semi-annually Annually Bi-annually Every ___ years
Describe process for conducting the assessment (methodology)*	Text
Summarize opportunities identified (findings)*	Text
Change as a result of the assessment (use of findings)*	Text
Stakeholders involved in the developing, conducting, analyzing or evaluating the assessment?	Text
Additional assessment information	Upload attachment
Date last revised	Date

### **Disease Burden, Priority Population, and Unmet Needs**

Question	Response Options
Title*	Text
Status*	Select one: Draft Published
The following questions relate to DRAFT burden documents	

Question	Response Options
Anticipated Publish Date	Date
Describe Progress to Date	Text
The following questions relate to PUBLISHED burden documents	
Date Published*	Date
Date Last Revised	Date
Upload or Web Address	Upload attachment or enter Web URL
Dissemination*	<p>Select all that apply:</p> <ul style="list-style-type: none"> <li>Academia/school</li> <li>Advisory/partner group</li> <li>Business/industry sector</li> <li>Coalition</li> <li>Federal health government agency</li> <li>General public</li> <li>Governor and staff</li> <li>Hospital/health care agency</li> <li>Legislator</li> <li>Local health government agency</li> <li>Media</li> <li>National organization and state affiliate</li> <li>Other federal government agency</li> <li>Other local government agency</li> <li>Other state government agency</li> <li>Priority population organization</li> <li>Private/public policy maker</li> <li>State health government agency</li> <li>Third party payers</li> <li>Other (specify)</li> </ul>
Identify the target population(s) from the burden report*	<p>Race</p> <p>Select all that apply:</p> <ul style="list-style-type: none"> <li>African American or Black</li> <li>American Indian or Alaska Native</li> <li>Asian</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>White</li> <li>Not specified</li> </ul> <p>Ethnicity</p> <p>Select one:</p> <ul style="list-style-type: none"> <li>Hispanic or Latino</li> <li>Not Hispanic or Latino</li> </ul>

Question	Response Options
	<p>Not specified</p> <p>Gender Select all that apply: Female Male</p> <p>Geography Select all that apply: City County/parish Community Other (specify)</p> <p>Age: Select all that apply: 0-5 years 6-11 years 12-19 years 20-49 years 50-64 years 65 + Not specified</p> <p>Income: Select all that apply: Medicaid eligible 100% of poverty (poor) 200% of poverty (near poor) At or below 235% of poverty Not Specified</p>
Additional target population comments*	Text
Identify the data sources used for the burden report	<p>Select all that apply: ASTDD State Synopsis Basic Screening Surveillance (BSS) Behavioral Risk Factor Surveillance System (BRFSS) Centers for Medicare and Medicaid Services (CMS) Chronic Disease Indicators (CDI) Dental, Oral and Craniofacial Data Resource Center (DRC) Health Plan Employer Data and Information Set (HEDIS)</p>



Question	Response Options
	<p>Hospital Discharge Data  My Water's Fluoride (MWF)  National Health and Nutrition Examination Survey (NHANES)  National Immunization Survey (NIS)  National Oral Health Surveillance System (NOHSS)  Pregnancy Risk Assessment Monitoring System (PRAMS)  U.S. Bureau of Census  Vital statistics  Woman, Infants, and Children (WIC)  Youth Risk Behavior Surveillance System (YRBSS)  Youth Tobacco Survey (YTS)</p>
<p>Burden report includes indicators consistent with*</p>	<p>Select all that apply:  National Oral Health System (NOHSS)  Percentage of people who visited the dentist or dental clinic within the past year.  Percentage of people who had their teeth cleaned in the past year.  Percentage of people aged 65 years and older who have lost all natural permanent teeth.  Percentage of people served by public water systems who receive fluoridated water.  Percentage of 3rd grade students with caries experience, including treated and untreated tooth decay.  Percentage of 3rd grade students with untreated tooth decay.  Percentage of 3rd grade students with dental sealants on at least one permanent molar tooth.  Cancer of the oral cavity and pharynx  No data available</p> <p>ASTDD State Synopsis  Population served by public water system  Percentage of people on public water systems receiving fluoridated water.  Number of dental hygiene schools  Number of community-based low-income dental clinics  Number of school-based health centers with an oral health component  Number of tribal, state, or local agencies with service</p>

Question	Response Options
	<p>populations of 250,000 or more</p> <p>Number of agencies with a dental program</p> <p>Number of dental programs directed by a dental professional</p> <p>Number of directors with an advanced public health degree</p> <p>Number of dentists in the state</p> <p>No data available</p> <p>Water Fluoridation Reporting System (WFRS)</p> <p>Communities and populations receiving new or replacement fluoridation equipment.</p> <p>Percent of fluoridated water systems consistently maintaining optimal levels of fluoride as defined by</p> <p>No data available</p>
Burden report includes description of*	<p>Select all that apply:</p> <p>Oral health burden</p> <p>Oral health unmet needs</p> <p>Oral health disparities</p>
Additional burden document information or publications	<p>Enter text (100 words/500 characters)</p> <p>-AND/OR-</p> <p>Upload file</p>

## State Plan

Question	Response Option
Plan status	<p>Select one:</p> <p>Draft</p> <p>Published</p>
The following questions relate to DRAFT plans	
Working Title*	Text
Anticipated Publish Date*	Date
The following questions relate to PUBLISHED plans	
Published Title*	Text
Timeframe*	Date
Date Published*	Date
Date Last Revised*	Date

Question	Response Option
Attach Plan	Upload file
Dissemination of Plan*	Select all that apply: Academia/school Advisory/partner group Business/industry sector Coalition Federal health government agency General public Governor and staff Hospital/health care agency Legislator Local health government agency Media National organization and state affiliate Other federal government agency Other local government agency Other state government agency Priority population organization Private/public policy maker State health government agency Third party payer Other (specify)
Content Areas*	Select all that apply: Burden of disease Caries Evaluation strategies and recommendations for monitoring the outcomes and impacts of plan implementation Healthy People 2010 objectives Implementation strategies Infection control Leveraging of resources Oral cancer Oral health infrastructure Partnerships Periodontal diseases Plan maintenance Priority populations School-based or school-linked sealant programs Strategies to address oral health promotion across the lifespan Strategies to identify best practices

Question	Response Option
	Water fluoridation Other (specify)
Does the plan include specific, measurable and time phased objectives?*	Select one: Yes No

## Surveillance Plan

Question	Response Option
Plan status	Select one: Draft Final
The following questions relate to DRAFT plans	
Working Title*	Text
Anticipated Completion Date*	Date
The following questions relate to FINAL plans	
Title*	Text
Time Frame*	Dates
Date Completed*	Date
Date Last Revised	Date
Has a logic model been developed for the plan?*	Select one: Yes No Currently being developed
Attach Plan* (Attach logic model, surveillance grid and narrative)	Upload file
Identify the data sources used for the surveillance plan*	Select all that apply: [Display list of data sources already entered]

## Evaluation Plan

Question	Response Option
Evaluation Type*	Select one: Overall (required for evaluation plan and logic model) Leadership Oral disease burden, health disparities, and unmet needs Comprehensive state oral health plan Statewide oral health coalition (required for logic model) Oral disease surveillance system (required for logic model) Opportunities for systemic, socio-political and/or policy change Partnerships Limited community water fluoridation program management State program accomplishments, best practices, lessons learned, and use of evaluation results Water fluoridation program (logic model and evaluation plan required if funded) Limited school-based or school-linked dental sealant program (logic model and evaluation plan required if funded) Other (Specify)
Stage of Plan*	Select one: Not started Planning Implementation
The following questions relate to the NOT STARTED stage	
Anticipated Planning Date*	Date
The following questions relate to the PLANNING or IMPLEMENTATION stage	

Question	Response Option
Time Frame  (Required if stage = implementation)	Dates
Logic Model  (Required if stage = implementation)	Select one: Yes No
Stakeholders Involved  (Required if stage = implementation)	Select one: Yes No
Evaluation Questions  (Required if stage = implementation)	Enter text (200 words/1000 characters)
Data Sources Used  (Required if stage = implementation)	Select all that apply: [list of data sources already entered]
Tools Used  (Required if stage = implementation)	Select all that apply: State Plan Oral Health State Plan Index State Plan Index Coalitions Starting a Coalition Checklist Initial Coalition Survey Risk Factors for Collaborative Participation Worksheet Coalition Effectiveness Inventory (CEI) Partnership Self-assessment Member Satisfaction Survey Meeting Effectiveness Inventory Sealants Sealant Provider Survey Sealant Placement Survey School/Community Follow up survey Staff and Volunteer Satisfaction Survey Tracking Program Implementation Sealant Program Cost Analysis/ImprovePro Sealant Follow-up form Surveillance Surveillance System Evaluation Tool Other (specify)
Evaluation Design Plan  (Required if stage = implementation)	Select one: Yes No
Use of Evaluation	Enter text (200 words/1000 characters)

Question	Response Option
Attachments	Upload file
Date last revised*	Date
Type*	Select all that apply: Evaluation Plan Reports Presentation Tools Other (Specify)

## Work Plan Objectives

Question Asked	Response Option
Specific	
Objective Title*	Text
Objective Status*	Select one: Proposed In progress Completed Deferred Cancelled
Related 5-Year Goal*	Select all that apply: Develop Oral health program leadership capacity. Describe the oral disease burden, health disparities, and unmet needs in the State. Develop or update a comprehensive State Oral Health Plan. Establish and sustain a diverse Statewide oral health coalition. Develop or enhance oral disease surveillance system. Identify prevention opportunities for systemic, socio-political and/or policy change to improve oral health. Develop and coordinate partnerships to increase State-

Question Asked	Response Option
	<p>level and community capacity to address specific oral disease prevention interventions.</p> <p>Coordinate and implement limited community water fluoridation program management.</p> <p>Evaluate, document, and share State program accomplishments, best practices, lessons learned, and use of evaluation results.</p> <p>Develop and Implement a water fluoridation program.</p> <p>Develop, coordinate and implement limited school-based or school-linked dental sealant programs.</p>
Measurable & Achievable	
Measure of success*	<p>Select all that apply (based upon selected 5-Year Goal):</p> <p>Develop Oral health program leadership capacity.</p> <p>existence of full-time dental director</p> <p>existence of .25 time epidemiologic support</p> <p>access to at least .50 time of a water fluoridation engineer/specialist or coordinator</p> <p>access to .50 to one time dental sealant coordinator</p> <p>access to .25 time capacity for health education, health communication</p> <p>access to .25 time support staff</p> <p>Describe the oral disease burden, health disparities, and unmet needs in the State.</p> <p>disease burden document is publicly available.</p> <p>disease burden document includes oral health status with indicators consistent with the National Oral Health System (NOHSS), the Water Fluoridation Reporting System (WFRS), and the ASTDD State Synopsis.</p> <p>Develop or update a comprehensive State Oral Health Plan.</p> <p>plan addresses oral health infrastructure including current</p> <p>plan addresses evaluation strategies and recommendations for monitoring the outcomes and impacts of plan implementation</p> <p>Establish and sustain a diverse Statewide oral health coalition.</p> <p>progress towards coalition sustainability</p> <p>Develop or enhance oral disease surveillance system.</p> <p>establishment of a plan for how data collection, analysis,</p>



Question Asked	Response Option
	<p>and dissemination will support program activity, including a surveillance plan logic model consistent with the CDC Surveillance Logic model</p> <p>Identify prevention opportunities for systemic, socio-political and/or policy change to improve oral health. periodic assessments to demonstrate identification of socio-political and policy changes.</p>
Baseline*	<p>Text</p> <p>– OR –</p> <p>Select ‘Baseline unknown’</p>
Target*	Text
Evidence for measuring target*	Text
If baseline is unknown, explain how it will be determined.	Text
Relevant	
Describe how this objective will establish, strengthen or expand your program’s capacity to plan, implement, and evaluate population-based oral disease prevention and health promotion programs, targeting populations and oral disease burden.*	Text
Time-bound	
Start Date*	Date
End Date*	Date

#### Work Plan Objective Progress and Results

Question Asked	Response Option
Progress	
Date progress occurred*	Date
Describe progress*	Text

Question Asked	Response Option
Has the objective's target been met?*	Select one: Yes No Currently ongoing
Results if Objective Target is Met	
Enter date met*	Date
Measure achieved*	Text
Facilitating factors for success*	Text
Describe barriers encountered while achieving the objective's target measure	Text
Describe any unanticipated outcomes or collateral effects	Text
Results if Objective Target is Not Met or Currently Ongoing	
Current measure (if applicable)	Text
Describe barriers to achieving the objective's target measure	Text
Describe plans to overcome barriers	Text
Describe any unanticipated outcomes or collateral effects	Text
Objective Revisions	
Does the objective status, start date, end date or target measure need to be revised?*	Select one: Yes No
Revise objective status	Select one: Proposed In Progress Completed Deferred Cancelled
Explain reason for revising status	Text  Required only if status is revised to 'Deferred' or 'Cancelled'
Revise objective start date	Date

Question Asked	Response Option
Explain reason for revising start date	Text Required only if start date is delayed
Revise objective end date	Date
Explain reason for revising end date	Text Required only if end date is extended
Revise objective target measure	Text
Explain reason for revising target measure	Text Required for all target measure changes

#### Work Plan Activities

Question Asked	Response Option
Activity Title*	Text
Activity Description*	Text
Status*	Select one: Proposed In progress Completed Deferred Cancelled
Lead staff assigned to this activity*	Select one: [list of existing staff]
Other staff assigned to this activity	Select all that apply: [list of existing staff]
Contractors assigned to this activity	Select all that apply: [list of existing contractors]
Partners assigned to this activity	Select all that apply: [list of existing partners]
Describe partner involvement	Text
Start Date*	Date
End Date*	Date

#### Work Plan Activity Progress

Question Asked	Response Option
<b>Progress</b>	
Date progress occurred*	Date
Describe progress*	Text
<b>Activity Revisions</b>	
Does the activity status, start date or end date need to be revised?*	Select one: Yes No
Revise activity status	Select one: Proposed In Progress Completed Deferred Cancelled
Explain reason for revising status	Text Required only if status is revised to 'Deferred' or 'Cancelled'
Revise activity start date	Date
Explain reason for revising start date	Text Required only if start date is delayed
Revise activity end date	Date
Explain reason for revising end date	Text Required only if end date is extended

#### Work Plan Products

Question Asked	Response Option
<b>Products</b>	
Title*	Text
Description*	Text
Website Address	Text
Attachments	Upload File

Question Asked	Response Option
Date file last revised	Date
Can this document be shared?	Select one: Yes No