

HHS/CDC/NCIPC  
SUPPORTING STATEMENT FOR  
OMB INFORMATION COLLECTION REQUEST

**OMB# 0920-0941**

Part A

July 3, 2012

**Evaluation of *Dating Matters: Strategies to Promote Healthy Teen Relationships***

Supported by:

Department of Health and Human Services  
Centers for Disease Control and Prevention  
National Center for Injury Prevention and Control  
Division of Violence Prevention

Government Project Officers:  
**Point of Contact for OMB**  
**Andra Tharp, PhD (Project Lead)**  
atharp@cdc.gov/770-488-3936

**Principal Investigators**

Craig Bryant, BS  
Tessa Burton, MPH  
Henrietta Kuoh, MPH  
Phyllis Holditch Niolon, PhD

**Co-Investigators**

Kimberley Freire, PhD  
Frank Luo, PhD  
Kevin Vagi, PhD

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## ABSTRACT

*Dating Matters: Strategies to Promote Healthy Teen Relationships*<sup>TM</sup> is the Centers for Disease Control and Prevention's **new** teen dating violence prevention initiative, which is based on three important facts:

- (1) Dating violence has important negative effects on the mental and physical health of youth, as well as on their school performance.
- (2) Violence in an adolescent relationship sets the stage for problems in future relationships, including intimate partner violence and sexual violence perpetration and/or victimization throughout life. Therefore, early help is needed to stop violence in youth relationships before it begins and keep it from continuing into adult relationships.
- (3) Although evidence suggests dating violence is a significant problem in economically disadvantaged urban communities, where oftentimes due to environmental factors an accumulation of risk factors for violence exists. To date, there have been few attempts to adapt the developing evidence base for prevention of dating violence to address these communities.

Recently, efforts to prevent teen dating violence have grown, particularly in schools and among policymakers and sexual violence and domestic violence prevention groups. Now many states and communities also are working to stop teen dating violence. However, these activities vary greatly in quality and effectiveness. To address the gaps, CDC has developed *Dating Matters*, a comprehensive teen dating violence prevention program based on the current evidence about what works in prevention. *Dating Matters* focuses on middle school youth in high-risk, urban communities. It includes preventive strategies for individuals, peers, families, schools, and neighborhoods. The primary goal of the current proposal is to conduct an outcome and implementation evaluation of *Dating Matters* to determine its feasibility, cost, and effectiveness. This evaluation of *Dating Matters* will be conducted in the following cities: Alameda County, California; Baltimore, Maryland; Broward County, Florida; and, Chicago, Illinois.

## A. Justification

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

#### *Background*

The Centers for Disease Control and Prevention (CDC) is seeking OMB approval to conduct a new information collection for a study entitled, “Evaluation of *Dating Matters: Strategies to Promote Healthy Teen Relationships*,” over a period of four years (2012-2016; please note, we recognize that our original OMB approval will expire after 3 years and we will apply for an extension so that the life of the project is approved). Dating Matters is a comprehensive approach to prevent teen dating violence among youth in high-risk urban communities. The current evaluation will take place in the following communities: Alameda County, California; Baltimore, Maryland; Broward County, Florida; and, Chicago, Illinois. Dating Matters consists of evidence-based or evidence-informed prevention strategies implemented at each level of the social ecology. The proposed participants are middle school students, middle school parents, student brand ambassadors (i.e., slightly older youth who promote the communications messages with the target group), educators, school leadership, program implementers, student program master trainers, community representatives, and local health department representatives in up to four high-risk urban communities.

In order to address gaps in effective prevention programming for youth in urban communities with high crime and economic disadvantage, who may be at highest risk for teen dating violence (TDV) perpetration and victimization (O’Leary & Slep, in press), Dating Matters will employ universal primary prevention focused on middle school youth in order to build a foundation of healthy relationship skills among all youth before dating and/or severe TDV is initiated.

Dating Matters takes a novel approach to TDV prevention that bridges diverse areas of public health by drawing on the best available research in areas such as TDV, youth violence, and sexual risk prevention (e.g., Vivolo, Holland, Teten, Holt, et al., 2010). As such, Dating Matters takes an approach that addresses the co-occurrence of a constellation of adolescent risk behaviors and violence (Whitaker, Morrison, Lindquist, Hawkins, et al., 2006) that may be particularly relevant in urban environments. Risk behaviors may have common influences including fundamental problems with how youth interact in relationships and how parents communicate with youth about healthy relationships.

The programmatic activities to be implemented in Dating Matters are described in Table 1. Because it is unclear what the effectiveness, cost, and sustainability of comprehensive TDV prevention is, the current proposal seeks to evaluate the two models of prevention implemented in Dating Matters: a standard approach—*Safe Dates* (Foshee, Bauman, Arriaga, Helms, et al., 1998) implemented in 8<sup>th</sup> grade—and a comprehensive approach, which includes implementation of prevention strategies across levels of the social ecology for youth, parents, and educators in 6<sup>th</sup>-8<sup>th</sup> grade, in addition to policy change efforts and communications strategies. Because of its effectiveness in preventing TDV and its widespread use, *Safe Dates* is considered “standard practice.” Therefore, the current evaluation will compare outcomes and implementation of this standard practice to the outcomes and implementation of a comprehensive approach.

Table 1. Two prevention approaches in <i>Dating Matters Strategies to Promote Healthy Teen Relationships</i>					
Standard Practice					
Grade	Youth/Peers	Parent/Guardian	Educators	Communications	Policy
8 <sup>th</sup>	Safe Dates	--	--	--	--
Comprehensive Approach					
Grade	Youth/Peers	Parent/Guardian	Educators	Communications	Policy

6 <sup>th</sup>	Adapted Student Curriculum*	Adapted Parent's Matter!*	Dating Matters online training	Communications Strategies*	Policy Enhancement or Development
7 <sup>th</sup>	Adapted Student Curriculum*	Adapted Parent Curriculum*			
8 <sup>th</sup>	Adapted Safe Dates	Adapted Families for Safe Dates			
*CDC has developed curriculum and communications strategies					

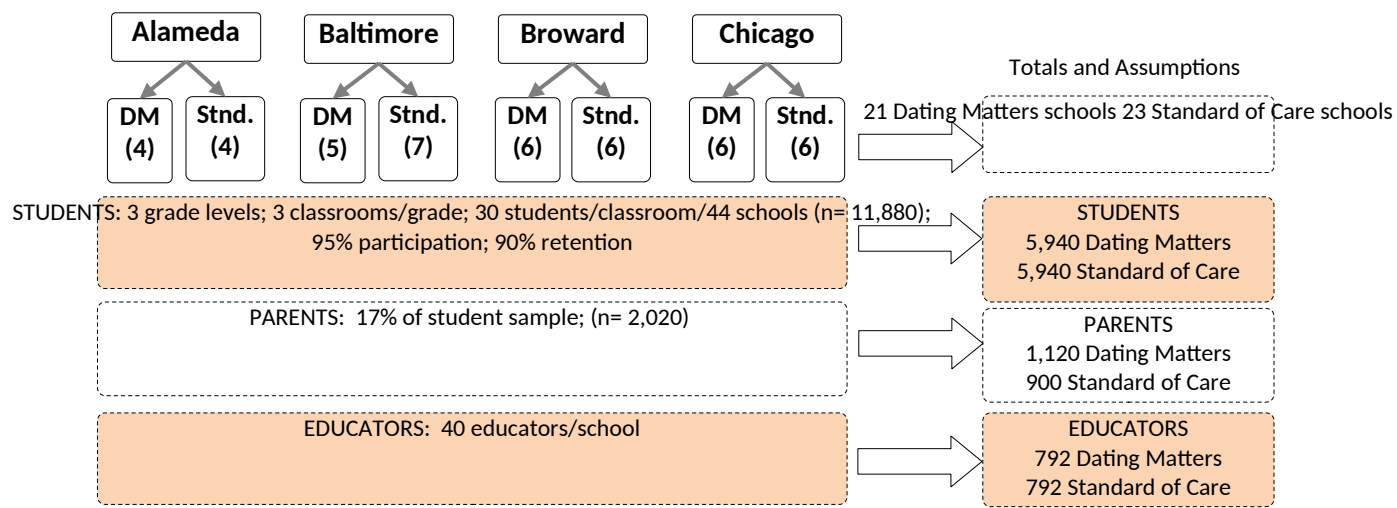
The proposed data collection involves the evaluation of Dating Matters, which will be implemented in four urban communities (Alameda County, California; Baltimore, Maryland; Broward County, Florida; and, Chicago, Illinois) in 2012-2016. The evaluation will utilize a cluster randomized design in which 44 schools in four funded communities are randomized to either Dating Matters or standard practice. Participating schools were selected by local health department applicants in response to a funding opportunity announcement (FOA) (Attachment GGGG). As outlined in the FOA, eligible schools must be considered "high-risk" as operationalized, by having both above average rates of community or school crime and above average rates of school or community economic disadvantage. Applicants outlined in their response to the FOA the data that they used to support their school selection (see Proposed Community section of FOA). Applications underwent a thorough competitive objective review at CDC resulting in our four funded communities. For more information about the eligibility criteria and contents of the MOUs with schools, see the FOA in Attachment GGGG.

The details of the data collection design and samples are in Section B. In summary, students from 44 schools from 4 sites (12 each in 3 sites and 8 schools in one site) form the sample population. As per Figure 1, in Alameda County for example, 4 schools were randomized to the comprehensive Dating Matters intervention (inclusive of a 6<sup>th</sup> – 8<sup>th</sup> grade student intervention, a parent intervention, a communications campaign, as described in more detail below), and 4 schools will receive the Standard Practice (Safe Dates in the 8<sup>th</sup> grade). The distribution of schools to the Dating Matters treatment condition and the Standard Practice control group for the remaining three sites is also illustrated in Figure 1 below.

The data collection described in this proposal describes data collected by contractors (NORC at the University of Chicago, a communications contractor, and a TA provider [the latter 2 have not yet named]) that will be used for the outcome evaluation and implementation evaluation of Dating Matters.

The content and direction of Dating Matters and the proposed data collection reflects the input of several federal agencies. Collaboration with other agencies ensures the Dating Matters reflects the best available science and practice on teen dating violence and is unique from other federal efforts to prevent such violence. For example, representatives from the Department of Education, National Institute of Justice, and National Institute on Drug Abuse participated in the expert panels described in detail below; the federal inter-agency workgroup on teen dating violence was briefed on the initiative; and, CDC staff have presented on Dating Matters at a Congressional Briefing (Why Middle School Matters) on February 10, 2011, at the Office of Safe and Drug Free Schools (Department of Education) 2011 Meeting, and on a Teen Dating Violence Prevention and Awareness Month webinar hosted by the Administration for Children and Families. Dating Matters has also been included in briefings to and by multiple federal agencies. **Finally, the announcement of the Dating Matters demonstration communities was announced to the public by Vice President Biden on September 13, 2011.**

**Figure 1. Design and Samples for Outcome Evaluation\***



DM – Dating Matters. Std – Standard of Care. DMP – Dating Matters Parent Program

\*Please note that Figure 1 includes data on our total anticipated eligible sample size. (See Section B for anticipated participation rates). Samples sizes reflect variation in enrollment across schools, so standard schools, although more numerous have approximately the same enrollment as comprehensive.

The proposed data collection fits into the National Center for Injury Prevention and Control (NCIPC) Research Agenda Priorities in Preventing Sexual Violence and Intimate Partner Violence (<http://www.cdc.gov/injury/ResearchAgenda/index.html>) with regard to Tier 1 Part E to “Evaluate the efficacy and effectiveness of programs, strategies, and policies across all levels of the social ecology to prevent and interrupt development of perpetration of sexual violence and intimate partner violence” and Tier 2 Part H to “Evaluate the economic efficiency of programs, strategies, and policies to prevent perpetration of sexual violence and intimate partner violence” and Tier 2 Part J to “Conduct dissemination and implementation research regarding programs, strategies, and policies used in the primary prevention of sexual violence and intimate partner violence.”

Authority for CDC’s National Center for Injury Prevention and Control to collect this data is granted by Section 301 of the Public Health Service Act (42 U.S.C. 241) (**Attachment A**). This act gives federal health agencies, such as CDC, broad authority to collect data and do other public health activities, including this type of study.

### **Privacy Impact Assessment**

#### **i) Overview of the Data Collection System**

The evaluation of Dating Matters will capture the outcomes and implementation of the initiative. The evaluation will determine the effectiveness, feasibility, and sustainability of Dating Matters in order to inform decisions about whether or not Dating Matters should be more widely disseminated. Most information will be collected via self-report surveys administered to program participants, implementers, and key stakeholders. Additional information about student participants will be extracted from their school records. Contextual information about the implementation of the student and parent curricula will be obtained via focus groups.



## ii) Items of Information to be Collected

The various survey instruments to be used in the evaluation collect information about the outcomes and implementation of Dating Matters. The outcome evaluation of Dating Matters will measure outcomes including but not limited to healthy relationships behaviors, dating violence, school-related disciplinary issues, school climate, and positive parenting, parent-child communication, and parental monitoring/supervision.

For the purposes of this package, the implementation evaluation refers to process evaluation, such as monitoring fidelity, and to tracking and monitoring the context (e.g., organizational capacity and readiness), participant satisfaction with program materials (e.g., focus groups, satisfaction questionnaires), and characteristics of implementation (e.g., cost, technical assistance provided).

Identifiable information will be obtained from student participants, curricula implementers (i.e., a list of individuals attending each session), and parents in order to track exposure to program components and to track and link participants and effects over time. All other respondents will complete surveys or participate in focus groups anonymously.

Due to the number and labeling of attachments, we have summarized the attachments and their purpose below:

<b>Summary of Attachments</b>
<p><b><u>Outcome evaluation</u></b></p> <ul style="list-style-type: none"> <li>• Instruments in Attachments D-ZZ,, EEEE</li> <li>• Consent and assent forms in Attachments TT – YY.</li> <li>• Screen shots of instruments administered electronically in Attachments RRR-1 &amp; 2 and SSS-1 &amp; 2</li> <li>• Educator, Implementer, and Parent Contact letters, emails, and telephone scripts in Attachments UUU-WWW and YYY-BBBB</li> <li>• Alternative contact form in Attachment XXX</li> </ul> <p><b><u>Implementation Evaluation</u></b></p> <ul style="list-style-type: none"> <li>• <b>Student and Parent Curricula Fidelity, Satisfaction, Technical Assistance, and Cost:</b> <ul style="list-style-type: none"> <li>o Attachments L-QQ, CCC-LLL, DDDD</li> </ul> </li> <li>• <b>Capacity and Readiness and Cost:</b> <ul style="list-style-type: none"> <li>o Instruments in Attachment K, SS</li> <li>o Screen shots of instruments administered electronically in Attachments MMM, NNN</li> </ul> </li> <li>• <b>Communications Activities and Cost:</b> <ul style="list-style-type: none"> <li>o Instruments in Attachment J and RR</li> <li>o Consent and Assent in Attachment XX and YY</li> </ul> </li> <li>• <b>Focus Groups:</b> <ul style="list-style-type: none"> <li>o Materials in Attachments ZZ-BBB</li> <li>o Consent and Assent forms in Attachments OOO-QQQ and TTT</li> </ul> </li> </ul>

Outcome Evaluation:

Students, parents, and educators will fill out surveys as part of the outcome evaluation. Students in the 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grades and parents of middle school students in these grades at both the comprehensive and standard-practice schools will complete surveys during the school year. Students will participate in surveys at the beginning, middle, and end of the school year. Parents will participate in surveys at the beginning and end of the school year, while educators will participate in surveys only once at the end of each school year (except in the first year when the educators will do an additional baseline survey at the beginning of the year). In addition, school records with extant administrative data on each student will be obtained for use in the outcome evaluation. We will be tracking and assessing the same students and parents over time, and therefore we will be collecting personally identifiable data from them. Unique identifier codes will be created and given to each student and parent participant; one tracking database will contain the participants' personally identifiable information, one will contain the participants' actual survey data identified only by the unique identifier code, and a third database will contain the link between the participant identity (name and birthdate) and the unique identifier code. These data will be collected and stored by the evaluation contractor (NORC) during the contract. The contractor will employ database security measures compliant with CDC information security guidelines, including ITSO Encryption Best Practice (Version 1.00.11 of September 21, 2010) and NIST Guide to Protecting the Confidentiality of Personally Identifiable Information (NIST Publication 800-122). At a minimum, all databases will be encrypted and kept on password-secured platforms, and all hard copy data will be kept in locked storage cabinets in locked facilities. At the end of each school year, the evaluation contractor will give CDC the databases as a contract deliverable. All data deliveries to CDC will be encrypted in compliance with Federal Information Processing Standard (FIPS) 140-2, Level 2. The contractor will destroy all the data at the end of their 5 year contract, after it has been safely and successfully handed over to CDC and after CDC has had an opportunity to verify the accuracy and completeness of the data. CDC will destroy the tracking database and the linking database at the end of Dating Matters data collection, but will maintain the survey database with unique identifier codes indefinitely for analysis purposes. Only selected individuals at the contracting firm (e.g., database manager) and at CDC (Craig Bryant, OMB PI and data manager) will have access to the tracking database and the survey data database. Fewer identified individuals at the contracting firm and CDC (no more than 2 at each workplace) will have access to the third database linking participants with their unique identifier codes. Likewise, the privacy of parent survey data will be ensured through the use of unique identifier codes, with these codes, the links between the codes and individual names/birthdates, and the individual survey data itself maintained in separate databases. The secure maintenance and transfer of these databases will be carried out under the same security guideless and encrypted transfer protocols as outlined for the student identities and data above. Educator surveys, in contrast, will not be collecting personally identifiable information. These data will be anonymous and will be identified only by school at which the educator works. The database containing survey data will be handled with the same security measures as the other survey data databases, but we will not have tracking or linking databases for the educators. This data will be delivered to CDC on the same deliverable schedule as the other survey data databases, and will be maintained and destroyed on the same schedule as the other survey data databases.

Most of the information needed to link the implementation and outcome data will be stored in a separate crosswalk database and merged in during data cleaning, via the researcher-assigned ID number. However, a limited amount of additional information to link implementation and outcome data will be collected on outcome evaluation instruments:

<b>Attachment</b>	<b>Survey Name</b>	<b>Linking Variables to be Collected</b>
Attachments D-F	Student Baseline and Follow-Up Surveys	Researcher-Assigned ID Number, Date of Birth `Program year, Student Survey ID, School Number, Classroom Number, Survey Iteration
Attachment G	School Indicators	Student Survey ID, School Number, Date, Program Year

Attachments H, EEEE	Parent Baseline and Follow-Up Outcome Surveys	Program year, Parent Survey ID, School Number, Survey Iteration
Attachments I, KKKK	Educator Baseline and Follow-Up Outcome Surveys	Site Number, Program Year, Survey Iteration
Attachment TT	Student Assent Forms	Date, Student Name, Student Tracking ID, Initial School, Current School, Student Status, Student Contact Info, Student Assent Information, Parent Consent Information
Attachment UU	Parent Consent for Student Form	Student Name, Student Grade, Date, Parent Name, Parent Address, Phone, and Email,
Attachment VV	Parent Consent for Parent Form	Parent Tracking ID, Origin School Number, Current School Number, Parent Name, Status, Parent Class, Parent Consent Information, Contact Info.
Attachment WW	Educator Consent Form	Educator Survey ID, School Number, School Name, Educator ID Status, Contact Info, Educator Consent Date, Educator Consent Withdrawal Date
Attachment XXX	Alternative Contact form	Date, Name, Survey ID Number, Tracking ID Number

### Implementation Evaluation

Process and implementation data will be collected from local health departments, program participants, community members, school leadership, and program implementers (e.g., teachers and parents implementing curricula, program trainers, communications coordinators and youth brand ambassadors implementing communications campaign). Implementation data will include information about what activities were conducted (and whether they were modified in their delivery), which activities generated active participation and which seemed to generate barriers in terms of student or parent receptivity, nature of technical assistance provided, the capacity and readiness of schools and the local health department to implement Dating Matters, implementation costs, and fidelity of implementation.

The evaluation contractor (NORC) will conduct focus group meetings with the program implementers and students. The implementer focus groups will cover the implementers' perception of student receptiveness to the material; reports of adherence to curriculum; and what challenges were encountered. The student focus groups would help assess whether the intervention was implemented with high fidelity from the student's perspective and help assess outcomes associated with the interventions (in a way that helped inform the quantitative outcome results). For example, we would ask participants whether there have been changes in the incidence of behaviors targeted by the instruction—verbal abuse, inappropriate language, controlling and violent/harassing behavior. Our team will then ask the participants to describe events upon which their judgment is based.

In order to link outcome and implementation evaluation data, and to track fidelity over time, we will collect personally identifiable data from student curricula, parent curricula, and Brand Ambassador implementers (on consent and assent forms only) including information about who implemented each session and who attended each session (e.g., see attendance logs in Attachments L-QQ, CCC-LLL) Unique identifier codes will be created and given to each implementer, student, and parent participant; one tracking database will contain the implementer and participants' personally identifiable information, one will contain the implementer's and participants' actual survey data identified only by the unique identifier code, and a third database will contain the link between the participant identity and the unique identifier code. These data will be collected and stored by the evaluation and technical assistance contractors during the contract. The contractors will employ database security measures compliant with CDC information security guidelines, including ITSO Encryption Best Practice (Version 1.00.11 of September 21, 2010) and NIST Guide to Protecting the Confidentiality of Personally Identifiable Information (NIST Publication 800-122). At a minimum, all databases will be encrypted and kept on password-secured platforms, and all hard copy data will be kept in locked storage cabinets in locked

facilities. At the end of each school year, the contractor will give CDC the databases as a contract deliverable. All data deliveries to CDC will be encrypted in compliance with Federal Information Processing Standard (FIPS) 140-2, Level 1. The contractor will destroy all the data at the end of their 4 year contract, after it has been safely and successfully handed over to CDC and after CDC has had an opportunity to verify the accuracy and completeness of the data. CDC will destroy the tracking database and the linking database at the end of Dating Matters data collection, but will maintain the survey database with unique identifier codes indefinitely for analysis purposes. Only selected individuals at the contracting firm (e.g., database manager) and at CDC (Craig Bryant, OMB PI and data manager) will have access to the tracking database and the survey data database. Fewer identified individuals at the contracting firm and CDC (no more than 2 at each workplace) will have access to the third database linking participants with their unique identifier codes.

In order to link implementation and outcome data, the following information will be collected on implementation evaluation instruments and are included in each attachment:

<b>Attachment</b>	<b>Survey Name</b>	<b>Linking Variables to be Collected</b>
Attachment J	Brand Ambassador Implementation Survey	Survey Date, Site Number, Program Year, Survey Iteration
Attachment K	School Leadership Capacity and Readiness Survey	School Number, Survey Date, Program Year, Survey Iteration
Attachment L-T	Parent Program Fidelity Grade X Session Y	Implementer Name, Implementer Survey ID, Classroom Number, School Number, Session Number, Parent/Guardian Names, Program Year, Response Date/Time
Attachment U-QQ, CCC-LLL	Student Program Fidelity Grade X Session Y	Implementer Name, Implementer Survey ID, Classroom Number, School Number, Session Number, Student Names, Program Year, Response Date/Time, Grade
Attachment RR	Communications Campaign Tracking	Site Number, Program Year, Survey Date, Communications Tracking Number
Attachment SS	Local Health Department Capacity and Readiness and Cost	Site Number, Program Year, Survey Date
Attachment XX	Brand Ambassador Assent Form	Response Date, Site Number, Brand Ambassador Name, Brand Ambassador ID, Program year, Brand Ambassador Tracking ID Number, Brand Ambassador Status
Attachment YY	Brand Ambassador Parent Consent Form	Response Date, Site Number, Brand Ambassador Name, Brand Ambassador ID, Program year, Brand Ambassador Tracking ID Number, Brand Ambassador Status
Attachment ZZ	Student participant focus group guide	School Number, Survey Date
Attachment AAA	Student curricula implementer focus group guide	School Number, Survey Date
Attachment BBB	Parent curricula implementer focus group guide	School Number, Survey Date
Attachment DDDD	Student program master trainer and Parent Program Manager TA forms	Survey Date, Site Number, Trainer ID, Trainer Name, School Number/Name

Contractors will direct the collection of all data.

**iii) Identification of Website and Website Content Directed at Children Under 13 Years of Age**

The information collection does not involve any websites or website content that is directed at children less than 13 years of age.

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

All data will be used in the evaluation of the Dating Matters initiative, which will include evaluation both of the program outcomes and implementation. No teen dating violence comprehensive program has been developed and implemented specifically for high risk urban communities. Further, no other data source exists to examine these questions. Therefore, this data collection is critical to understand the effectiveness, feasibility, and cost of Dating Matters and to inform decisions about disseminating the program to other communities.

### ***Privacy Impact Assessment Information***

#### **i. Why Information is being Collected**

##### Outcome Evaluation

The comprehensive approach in Dating Matters is being compared to the existing standard of care approach (Safe Dates as published, implemented in 8<sup>th</sup> grade). It is critical to collect survey data from students, parents, and educators in order to compare the effectiveness of the two models of prevention on key outcomes such as students' engagement in dating violence behaviors, healthy relationship behaviors, and other known risk factors such as attitudes toward dating violence, substance use, etc. Although theory and empirical evidence suggest that a comprehensive approach will have more impact over time, only this type of comparison will allow us to examine whether the comprehensive approach is more effective at reducing teen dating violence than Safe Dates delivered to 8<sup>th</sup> graders as the standard of care and is therefore worth the extra resource investment from communities. Collection of the outcome data will inform our understanding the relative impact of the comprehensive approach. Also, associated with the outcome evaluation is the collection of school indicator data, including administrative data regarding individual students.

##### Implementation Evaluation

The primary purpose of the implementation evaluation is to track and monitor program implementation and fidelity, utility of program materials, cost of implementation, technical assistance provided, and organizational and community capacity/readiness to implement Dating Matters. A major component of this evaluation is monitoring fidelity of implementation through implementer session logs and understanding barriers to implementation through the session logs and focus groups. By feeding this information back to the implementers through the TA provider, these data will assist us in providing specific and timely technical assistance to the implementers. The data will also assist us in interpreting the outcome evaluation results. Not collecting this would prevent us from understanding how well the program activities were implemented, what barriers existed for implementation, and, thus, would prevent us from providing appropriate and targeted training and technical assistance (T/TA). Furthermore without this data it would be unclear what aspects of the initiative program participants received and would challenge the interpretability of the outcome evaluation findings. Furthermore, cost estimates would not be possible and would hinder our ability to make informed recommendations about more widespread implementation of the program.

#### **ii. Intended Use of the Information**

Because all data will be linked in some way, all data will be treated with the strictest security in order to protect the privacy of all participants. For the student and parent outcome surveys a Certificate of Confidentiality was obtained on June 5, 2012, in order to protect the confidentiality of data from external

requests/subpoena for the data. All data collection and data management staff will be well-trained in maintaining information security at all stages of the data collection and data management process. Protocols for data collection at schools and at other data collection sites will ensure that names, birthdates, and all other personally identifiable information is kept secure during all stages of data collection. Recruitment lists, consent forms, and all survey data will never be left unattended while data collectors are in the field, and all data will be kept in locked, secure facilities when safely delivered back to the contracting firm (NORC at the University of Chicago) where data will be stored.

All data will be stored in encrypted databases on password secured data platforms. As mentioned previously, identified data will be linked only with a unique identifier code and be kept in a separate database from personally identifiable data, and a third database with extremely limited personnel access (only CDC and contractor database manager will have access) will contain information linking participants with their unique identifier codes. Identified data will initially be stored and maintained by the evaluation contractor, but will be handed over to CDC on an annual basis. Only Craig Bryant, CDC Data Manager will have access to identified data. The same information security protocols will be followed at both facilities. The contractor will be required to destroy all data at the end of their contract (July 31, 2016; with the provision that the data has been safely and successfully handed over to CDC and CDC has had an opportunity to verify the accuracy and completeness of the data). Once data collection is completed and data have been checked and cleaned for the final time, CDC will destroy the database containing personally identifiable data and the database linking participants' identities to their unique identifier codes. The de-identified survey database will be maintained until all analysis has been completed.

Due to the large nature of this data collection and federal expenditure to collect it, restricted-use datasets will be created from the **outcome evaluation** data. These restricted-use datasets will be completely de-identified, and any demographic information or other variables with such low endorsement that might allow the identification of respondents will be removed from the dataset before publication. Restricted use datasets will be constructed and made available to researchers per CDC and HHS procedures.

All publication of this data will be in aggregate form. No respondent would ever be able to be identified from the information provided to the public at the aggregate level.

#### Outcome evaluation

CDC will use the outcome data to compare the relative effectiveness of the comprehensive Dating Matters approach to the existing standard of care approach (Safe Dates, as published, implemented in 8<sup>th</sup> grade). Schools have been selected and randomly assigned to receive one or the other model of prevention. We will measure intended outcomes (student's engagement in healthy relationship behaviors and dating violence, attitudes, delinquency, substance use, peer relationships, etc.; parents' monitoring of dating, knowledge about teen dating violence, etc; and educators' perceptions of school climate and school norms). CDC will analyze and examine the data over time in order to determine the relative effectiveness of the two models and determine whether the comprehensive approach is worth the extra resource investment required to implement it. CDC will disseminate results to peer-reviewed journals readers and professional conference participants, as well as through an executive summary and a full report. The executive report will be written in clear language to be understandable by a wide range of audiences (local health departments, schools, researchers). If the Dating Matters approach is effective at reducing teen dating violence, it is likely that press releases will be shared with the media in order to communicate the information with the general public. Data on efficacy may lead to appropriate reports and recommendations for widespread implementation from CDC. The longitudinal nature of the student dataset will also allow us to examine risk and protective factors for dating violence over time.

#### Implementation Evaluation

A critical component of an independent evaluation is the collection of multiple forms of data that can serve both as inputs to an ongoing process evaluation and to the eventual outcomes evaluation. CDC will use the implementation evaluation data to (1) provide appropriate and targeted training and technical assistance, (2) inform future implementations of Dating Matters (e.g., address common barriers, etc), and (3) track and monitor aspects of the implementation that will provide descriptive information about the program (e.g., cost) and will assist us in interpreting the results (e.g., capacity/readiness, student and implementer focus group feedback).

The implementation evaluation results will be used to inform the dissemination of Dating Matters (if effective). CDC will disseminate results to peer-reviewed journals readers and professional conference participants, as well as through an executive summary and a full report. The executive report will be written in clear language to be understandable by a wide range of audiences (local health departments, schools, researchers).

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

We will utilize advanced technology to collect and process data to reduce respondent burden and make data processing reporting more timely and efficient. In all data collections, the number of questions will be held to the absolute minimum required for the intended use of the data. Due to the student respondents' age and due to practical considerations, we will not collect student surveys via online electronic survey forms; instead, student survey data will be collected using scannable paper-and-pencil questionnaires.

Parent and educator surveys and the capacity and readiness assessments for the local health department, community advisory boards, and school leadership will take place online using electronic survey forms. . In addition, the parent surveys will be available in the paper and pencil format. All other instruments will be administered using paper and pencil format. Screen shots of all questions to be administered electronically are included in Attachments MMM (Local Health Department Capacity and Readiness), NNN (School Leadership Capacity and Readiness), RRR-1 & RRR-2 (Educator Outcome Baseline & Follow-Up Surveys), and SSS-1 & SSS-2 (Parent Outcome Baseline & Follow-up Surveys).

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

No other data exists that could be used to evaluate the outcome and implementation of Dating Matters. Dating Matters has never been implemented. No publically available data on teen dating violence exists and as such no other existing data may be used to assess the variables of interest in the current proposal. In summary, Dating Matters represents a new approach to preventing TDV which will be implemented for the first time in CDC funded communities in 2012-2016 and as such a new information collection is required to evaluate its outcome and implementation.

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

As required by law, if CDC contractors for the evaluation are not small businesses, they will subcontract with small businesses. NORC at the University of Chicago will employ the services of several small vendors for formatting and scanning the paper and pencil surveys, printing and mailing surveys and other respondent recruitment materials, and programming the online questionnaires. However, beyond this there is no anticipated impact on small businesses related to this data collection.

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

#### Outcome evaluation:

The present study will provide the primary outcome data needed for local, state, and federal policy makers to assess the effectiveness of the *Dating Matters* program on dating violence perpetration and victimization among adolescents. Students will participate in surveys at the beginning, middle, and end of the school year. Parents will participate in surveys at the beginning and end of the school year, while

educators will participate in surveys only once at the end of each school year (except in the first year when the educators will do an additional baseline survey at the beginning of the year). Data will be extracted from student school records once a year. Adolescence is a time of enormous growth and developmental change; thus, frequent assessment of main outcomes and hypothesized mediators are necessary in order to best capture program effects and determine causality. Less frequent outcome evaluation data collection of each of the three respondent groups would not allow for adequate measurement of the relative impact of the two models of prevention on key outcomes.

Implementation evaluation:

The study will provide information on the fidelity, cost, and context of implementation as well as information about what activities were completed, which were most successful, which need improvement, and which participants were exposed to which intervention. Cost questions are included throughout different implementation instruments. Capacity and readiness assessments will be completed annually by each local health department and by school leadership *in comprehensive schools only*. Annual assessments will allow us to examine capacity and readiness as the sites progress from an early implementation stage to full implementation. Less frequent implementation evaluation data collection from curricula implementers would not allow for this data to be used in providing targeted and appropriate training and technical assistance.

Brand Ambassadors will complete surveys two times per year. The first survey will be administered at the midpoint of participation. A follow up survey will be administered at the conclusion of the program, which will occur at the end of the academic year. These data collections are necessary to inform both the quality of the training as well as overall perception of the program. Less frequent data collection would not allow for timely feedback and improvement of the program.

The Communications Coordinators (who will also oversee the Brand Ambassador program and other communications activities) will track communications activities quarterly using the Communications Campaign Tracking Form. Quarterly reporting of such information (e.g., use of social media) is necessary given the rapid changes in such media. Less frequent data collection would not allow for timely feedback and improvement of the program.

The fidelity logs will be completed by the implementers after each session. The purpose of these instruments is to document program activities that occur, capture which participants were exposed to those activities, and identify any barriers to implementation. Information will be used to provide targeted and appropriate training and technical assistance to implementers. Due to the different lengths and implementation plans for the student (school-based with multiple implementers per site) and parent curricula (community-based with a small number of implementers per site), it is expected that student curricula implementers will conduct one round of the curricula each year and parent curricula implementers will complete up to three rounds of the curricula each year. Less frequent data collection would not allow timely feedback and improvement of program activities, including feedback to implementers about adherence to curricula and would not allow us this additional information with which to interpret the outcome evaluation results.

The student program master trainer technical assistance form will be completed each time the master trainer receives a technical assistance question from a student program implementer to track the nature of technical assistance request and the response to each request. Each site will have a maximum of 3 master trainers and it is anticipated that they will receive no more than 50 requests per year. This information will be used in the implementation evaluation to understand how training can be improved and what additional training may be needed.



Student focus groups (2 per site per year over 4 years) will be conducted with ten students from each school to assess the student curricula. Guided discussion topics will include what students think about the project including classroom and other related activities, and whether students think any of the project activities have changed other students' attitudes or behaviors about violence and harassment in their school. Discussion about things students do, what they think about selected attitudes and behaviors, and their relationships with other people, including boyfriends or girlfriends or people they hang out with will contribute to the interpretation of the evaluation data collected via the student survey instruments. Students will be made to feel comfortable to participate in this discussion whether or not they have a current or past boyfriend or girlfriend.

Additional insight regarding the student curricula and the parent curricula will be collected via focus groups with the implementers of the interventions. In separate focus groups of 10 implementers for the two curricula (2 focus groups per site per year), the evaluation contractor (NORC at the University of Chicago) will guide discussion regarding which components of the curricula worked the best in terms of participant engagement and learning, and which components were difficult to present. Implementers' feedback about the strengths and weaknesses of the curriculum will be elicited.

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

This request fully complies with the regulation 5 CFR 1320.5.

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

A.8.1. A 60-day notice to solicit public comments was published in the Federal Register (volume 76, No. 154, pages 49489-49491) on August 10, 2011. **Attachment B** contains a copy of the notice. A 30-day notice was published in the Federal Register on October 21, 2011. A second 30-day notice was published in the Federal Register on February 27, 2012. We received two non-substantive comments to Federal Register notices (Comments in response to the Federal Register Notice are summarized below):

**Comment 1 (verbatim):** taxpayers in teh usa are overburdened by paying huge taxes to skanky corrupt washington dc wher the employees overspend these tax dollars and where those same skanky corrupt employees who are overpaid have no conception of the horror that american taxpaeys are going through these days. the washington employees just keep spending and spending on crap information collection. this is an example. in no way, ahould american taxpayers be asked to pay to let these cdc employees play voyeur. this is scandalous, disgusting, depraved and we have local courts and police to deal with this. meanwhile cdc sits on its fat butts while america, which used to be no l in the world in health, now is 27th despite billions spent in this dept. meanwhile, autism epidemic rages on. the priority list at this agency must be made by someone with an iq of 35. jean public address if required

**Response 1:** Public Comment #1 raises concerns about teen dating violence as a public health problem, the necessity of spending federal funds on dating violence prevention in the current budget climate and the research methods used to assess and track dating violence in Dating Matters. As discussed in the background of this package, dating violence is a public health problem because of its magnitude and burden. One in ten high school students report experiencing physical dating violence each year and the consequences of violence include school failure, mental and physical health problems. The funding that will support this data collection was appropriated by Congress for the prevention of dating violence. Finally, all procedures involving sensitive data (e.g., questions about dating violence) have been approved by the CDC Institutional Review Board (IRB) and local IRB approval will be obtained as needed. The research methods employed in Dating Matters will adhere to human subjects and public health ethics.

**Comment 2:** guess we have voyeurs at this agency, who are completely ineffective at this sort of thing. fat cat bureaucrats at desks in skanky corrupt washington dc are extremely ineffective in these local

issues. this is not the sort of thing anyone in the ranks of cdc can do one thing about. this is a complete and total waste of money. it seems to be a 'trip" for the cdc workers to get involved in these matters that they are totally ineffective on. this is a total waste of american tax dollars. 1 out of 2 people in america need food and shelters and this free spending, totally corrupt overspending agency sees fit to put out this churlish, egregious proposal. shut down this project. cut the budget here to zero. lets clean out cdc and fire some folks. we hve too many carbon sinks sitting around doing nohting in this agency except dreaming up ways to waste american tax dollars.

**Response 2:** CDC has funded evaluations to identify effective strategies to prevent dating violence. Dating Matters incorporates these strategies (e.g., Safe Dates) and is working with local health departments to prevent violence in high risk urban communities.

#### **A.8.2. External input.**

A series of expert panels were held to inform the development, implementation, and evaluation of Dating Matters. The following outlines the panels and their participants:

##### **Implementation Panel--Communications (December 8-9, 2009)**

**Catherine Stayton, PhD**, Director, Injury Epidemiology Unit, NYC Dept. of Health & Mental Hygiene  
**Julia Perilla, PhD**, Assistant Research Professor, Georgia State University  
**Kristin Schubert, MPH**, Program Officer, Robert Wood Johnson Foundation  
**Ivan Juzang**, President/Founder, MEE Productions  
**Heathe Luz McNaughton Reyes, PhD, MPH**, Postdoctoral Researcher, Department of Health Behavior and Health Education, Gillings School of Global Public Health, University of North Carolina  
**Olis Simmons**, Executive Director, Youth Uprising  
**Nneka Norville**, Senior Public Affairs Manager, BET Networks  
**Lisa Witter**, Chief Operating Officer, Fenton Communications

##### **Implementation Panel--Policy (May 26-28, 2010)**

**Eve Birge**, Education Program Specialist, U.S. Department of Education  
**Megan Foreman**, Policy Specialist, National Conference of State Legislatures, Health Program  
**Deborah Gorman-Smith**, Research Fellow, University of Chicago  
**Cheryl Grills**, Professor and Chair of Psychology, Loyola Marymount University  
**Catherine Guerrero**, Program Director, Colorado Department of Public Health and Environment  
**Carrie Mulford**, Social Science Analyst, National Institute of Justice  
**Heather O'Beirne Kelly**, Senior Legislative & Federal Affairs Officer, American Psychological Association  
**AJ Pearlman**, State Policy Attorney, Break the Cycle  
**Brad Perry**, Sexual Violence Prevention Coordinator, Virginia Sexual & Domestic Violence Action Alliance  
**Barri Rosenbluth**, Expect Respect Program Director, Safe Place  
**Sally Schaeffer**, Senior Public Policy Advocate, Family Violence Prevention Fund  
**David Wolfe**, RBC Chair in Children's Mental Health Centre for Addiction and Mental Health  
**Caroline Ledlie**, Program Officer, Centers for Disease Control Foundation  
**Kristin Schubert**, Program Officer, The Robert Wood Johnson Foundation  
**Elizabeth Zurich**, Health Policy Lead, Centers for Disease Control and Prevention  
**Kathleen Rutherford**, Senior Mediator, Meridian Institute  
**Mark Jacobs**, Mediator, Meridian Institute

##### **Evaluation Methodology Panel (October 13-14, 2010)**

**Laura Leviton**, Robert Wood Johnson Foundation  
**Rhonda BeLue**, Penn State Methodology Center

**Michael Cleveland**, Penn State Methodology Center

**Pamela Orpinas**, University of Georgia

**Leslie Snyder**, University of Connecticut

**Martie Thompson**, Clemson University

**Jacqueline Lloyd**, National Institute on Drug Abuse

**Implementation Panel—Capacity/Readiness (December 13, 2010)**

**Barbara Blumenthal, PhD**, Independent Consultant; Visiting Lecturer, Blumenthal Consulting, LLC

**Abigail Fagan, PhD**, Assistant Professor, University of South Carolina

**Paul Flaspohler, PhD**, Assistant Professor, Miami University

**Catherine Guerrero, MPA**, Rape Prevention and Education Program Manager, North Carolina Division of Public Health

**Pamela Jumper-Thurman, PhD**, Senior Research Scientist, Colorado State University

**Wendi Siebold**, Senior Research Associate, Evaluation, Management, and Training Associates

**Implementation Panel--Adaptation (January 10, 2011)**

**Barbara Ball, PhD**, Program Evaluation Specialist; Start Strong Austin, Project Director SafePlace

**Paul Flaspohler, PhD**, Assistant Professor, Miami University

**Warren Passin, MPH, MSW**, Project Manager, ICF Macro

**Hank Tomlinson, PhD**, Behavioral Scientist, Centers for Disease Control & Prevention

**Donna-Marie Winn, PhD**, Research Scientist, University of North Carolina at Chapel Hill, FPG Child Development Center

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

In general, no payments or gifts will be given to respondents for participation in the evaluation surveys or focus groups. However, NORC anticipates that parent survey participants will need to be minimally compensated in order to maximize response rates. Theory (Blau 1964; Homans 1961) and experience (Dillman et al. 2009) dictate the provision of nominal incentives (Foster et al. 2010) to ensure adequate participation in the project without coercion.

Our approach to incentives is also based on NORC's decades of experience in survey research and the need to balance motivating respondents to participate without offering a coercive sum (i.e., a sum that a low-income individual would find difficult to refuse) (Dillman et al. 2009). As the evaluation contractor, NORC considered alternative approaches, but selected a low-cost graduated incentive approach as the most effective design, based on the literature and their experience. NORC will implement a system of a graduated parent incentives (Foster, 2010), which begins with no incentives in the first contact. Subsequently, NORC would conduct a small incentive experiment in which half of the initial non-responders would be offered a \$2 incentive (in cash with the recruiting request) and the other half would be promised a \$5 donation to the school on behalf of the parent for school equipment/resources once the completed survey is received (e.g., 100 completed surveys would yield \$500 for a school). Based on the results of the incentive experiment, one of the two incentive protocols will be selected for subsequent years.

Following the full course of parent survey recruitment, as designed, NORC will conduct a Non-Response Bias Experiment for a small sample of 5 non-responding parents from each of 44 schools. Each sampled parent completing the survey over the telephone, on the web, or in person (up to n=220) would receive \$25, delivered in person by the interviewer (in cash) or through a mailed check.

To conform to school policies, no incentives will be provided for educator completion of the Educator Surveys, implementer completion of session logs, student completion of surveys, completion of Brand Ambassador surveys, or most focus group participation.

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

### Outcome and Implementation Evaluations:

Because all data will be linked in some way, all data will be treated with the strictest security in order to protect the privacy of all participants. For the student and parent outcome surveys, a Certificate of Confidentiality was obtained on June 5, 2012 in order to protect the confidentiality of data from external requests/subpoena for the data. All data collection and data management staff will be well-trained in maintaining information security at all stages of the data collection and data management process. Protocols for data collection at schools and at other data collection sites will ensure that names, birthdates, and all other personally identifiable information is kept secure during all stages of data collection. Recruitment lists, consent forms, and all survey data will never be left unattended while data collectors are in the field, and all data will be kept in locked, secure facilities when safely delivered back to the contracting firm where data will be stored.

For students and parents, the first time data is collected (parent consent and student assent for participation in the survey), the respondent will give us personally identifiable information in the form of his/her full name. In addition, in the parent consent for student participation, the parent will be asked to provide his/her address, phone, and email. Attached to the parent and student surveys will be a form to collect alternative contact information for people who will know how to contact the family if NORC cannot contact them, to facilitate follow-up at later iterations of the survey. Unique identification numbers will then be created for each consented parent and student. The scannable survey forms for each participant will be marked only by the unique identifier code assigned to that individual. The first page of the survey will contain information (on a removable label) with the respondent's name. This will allow staff to distribute surveys easily in classrooms. Once the survey is handed to the correct respondent, the respondent can tear off the removable sticker containing her/his name, so that from that point on, only the unique identifier code can be connected with the information provided in the survey. This process will occur at all administrations of the surveys. The ID-to-name crosswalk will only be available to a limited number of evaluation contractor staff (NORC's principal investigator and NORC's project manager). After being extracted, all identifiable school data will contain the unique identifier code in lieu of the respondent's name. Programming and server set-up for the online parent surveys will follow strict guidance for online data security. Personally identifiable data will be immediately encrypted upon entry, and there will be no way for anyone else to link the survey data with names or other personally identifiable data. Curricula implementers will also record the names of parents and students who attend each session to assess exposure to the curricula. This information will also be protected and coded to allow linking to the student and parent data.

Other process and implementation data, including data that tracks and monitors implementation will be identified by the linking variables included in Section A1ii. Data will only be presented and analyzed in aggregate form. The Certificate of Confidentiality protects the individual participants from release of personal data, even to students' parents who request the information. With this Certificate, we cannot be forced to give any information about a child to any court or legal proceedings, even if they tried to get it. CDC might have to give information to DHHS if they needed to evaluate the overall study, but that is not likely. The only other time that CDC or NORC at the University of Chicago might have to share information is when researchers, who are required to protect a child through mandated reporting laws, learn from a child that he or she is being hurt by an adult or planning to hurt him/herself or someone else.

All data will be stored in encrypted databases on password secured data platforms. As mentioned previously, for students and parents, survey data will be linked only with a unique identifier code and be kept in a separate database from personally identifiable data, and a third database with extremely limited personnel access (only CDC and contractor database manager will have access) will contain information linking participants with their unique identifier codes. Identified data will initially be stored and maintained by the evaluation contractor, but will be handed over to CDC on an annual basis. Only Craig Bryant, CDC Data Manager will have access to identified data. The same information security protocols will be followed at both facilities. The contractor will be required to destroy all data at the end of their contract (September 12, 2016). Once data collection is completed and data have been checked and cleaned for the final time, CDC will destroy the database containing personally identifiable data and the database linking participants' identities to their unique identifier codes. The de-identified survey database will be maintained until all analysis has been completed.

Due to the large nature of this data collection and federal expenditure to collect it, restricted-use datasets will have to be created from the outcome evaluation data. These restricted-use datasets will be completely de-identified, and any demographic information or other variables with such low endorsement that might allow the identification of respondents will be removed from the dataset before publication.

All publication of this data will be in aggregate form. No respondent would ever be able to be identified from the information provided to the public at the aggregate level.

#### ***Privacy Impact Assessment Information***

- A. This project is not subject to the Privacy Act. The applicable System of Records Notice (SORN) is 09-20-0160, "Records of Subjects in Health Promotion and Education Studies".
- B. Data that are collected will be stored physically and electronically by the contractors collecting the respective data at their offices. Electronic databases will be transferred to CDC on an annual basis. Hard copies of data will be destroyed after the data has been successfully entered, cleaned and backed up.
- C. Respondent assent/consent will be obtained prior to data collection. The following describes how assent and consent will be obtained for each of the instruments associated with human subjects research. These instruments have been approved by local IRBs and a Certificate of Confidentiality has been obtained. No other data collection instrument requires consent.

#### **Outcome Evaluation Consent and Assent:**

##### **Student Participation:**

The purpose of the school-wide surveys is to assess students' engagement in healthy relationship behaviors, perpetration and victimization of physical, sexual and psychological dating violence, and other mediating variables (e.g., attitudes related to violence, drug/alcohol use). Research assessing such self-reported attitudes and behaviors poses no more than minimal risk to participants; and to provide the best estimates of these factors it is vitally important to maximize the sample size and representativeness of the samples. Due to the requirements of the review boards of the local school districts and public health departments, active parental consent will be sought for student participation in all aspects of the evaluation data collection.

*Parent consent for student surveys.* Parents will be informed about the survey, the potential release of school data, the topics covered by the survey, and the voluntary nature of the survey in several ways. First, a letter providing written notice about the survey and containing the parent consent form will be sent or given to all families. Second, a similar announcement about the survey will be included in the school newsletter or other school publication. Third, a flier about the survey will be given to all students to take home. The exact notification mechanism and content of the letters/announcement will be

determined by the evaluation contractor (NORC), in consultation with each school in which either the comprehensive initiative or standard practice will be implemented.

Attached is the letter and consent form to be sent to the students' parents or other caregivers (see Attachment UU). The letter and consent form contain the following elements: contact information for a school staff member, contact information for NORC staff member and IRB administrator, description of the protections of the Certificate of Confidentiality, the right to request a copy of the student survey, the right to ask questions about the survey, and/or to refuse permission for their child to take part in the survey. Permission will also be sought to obtain the student's school data. Letters and parent consent forms will be distributed at least several weeks before the administration of the first survey. Parents will be able to consent or refuse their child's participation until the last business day before the start of data collection.

*Assent for student surveys.* Student assent will involve the following procedures: Several weeks prior to data collection, students will be informed about the upcoming survey and encouraged to discuss the content and their potential participation with their parents. Students will be informed that their participation is voluntary. They will also be given the name and number of a school social worker or counselor with whom they can discuss any concerns prior to, during, or after the survey. All students who are in attendance on the days of data collection, who have been given permission by their parents, and who provide written assent will be eligible to participate in the school survey. The student survey will be administered in English only, meaning that non-English speaking students will not be eligible to participate.

At the first administration of the study survey, students will be verbally and visually presented with information about the research study and the survey, instructed as to their rights as a research participant, given the opportunity to have their questions answered, and asked for their assent. They will be informed that their participation is voluntary. They will also be given the contact information of a school staff member or counselor with whom they can discuss any concerns prior to, during, or after the survey. For those students who choose to participate, the survey will then be administered by the contractor in the regular classroom immediately following assent. Students will respond via forms that can be electronically scanned. Students whose parents prefer that they not participate and students who do not provide assent will be provided with alternative educational activities (e.g., crossword or word search puzzles).

#### Educator Participation.

*Educator consent for surveys.* Consent procedures for the educator surveys will include the following: Several weeks prior to data collection, educators will be informed about the upcoming survey and encouraged to discuss the content and their potential participation with the evaluation contractor (NORC). All educators – in both the standard practice and comprehensive initiative schools -- will be eligible to participate in the school survey. Following an email invitation to participate in the online survey, Educators will connect to an electronic online information page that provides an opportunity for informed consent to participate in the survey. Individual educators who confirm their consent by clicking on the appropriate button (e.g. "I agree to participate in this survey. I understand that my participation is voluntary and that I can stop participating at any time."). After providing consent, the educator will enter his or her email address, and will automatically be sent a unique PIN and password to log into the survey. This email will contain another link to the survey, which the educator will click, and then enter his or her PIN and password. No link between the email addresses and the actual survey data will exist as all educator survey data will be collected anonymously.

At each data collection time point, educators will be emailed with information about the research study and the survey, instructed as to their rights as a research participant, given the opportunity to have their

questions answered, and asked for their consent. Educators will be informed that their participation is voluntary. For those educators who choose to participate, the email will contain a link to the informed consent statement. As described above, when they click on the link, the first screen will contain the informed consent form, and educators will be told that by clicking to continue to the survey they are indicating their consent to participate. They will then enter their unique PIN and password to access the survey. These processes will be followed for each of the survey administrations throughout the project period.

#### Parent/guardian Participation.

*Parent/guardian consent for surveys.* Participants in the parent curricula will be recruited for the evaluation at the same time they are recruited for the parent curricula. We expect that they will be consented and complete the baseline survey at the first parent group, before they begin any curriculum content. In the case of Families for Safe Dates, which will be implemented with 8<sup>th</sup> grade parents, they will be mailed consent forms and the survey before the other materials and asked to complete and mail back the survey before beginning the curriculum. Parents in the standard of care schools will likely be recruited from some other parent class or parent group, in order to recruit a comparison group who is similar to the intervention group in terms of willingness to participate in a parent class or group. They either will be recruited and consented on site or they will be mailed invitation letters including a link to the online survey and a copy of the paper survey. Parents will be asked to participate in a follow-up survey at the end of the school year as well. At both time points, parents will be informed that their participation is voluntary. The exact notification mechanism and content of the letters/announcement will be determined by the contractor, in consultation with each school in which either the comprehensive initiative or standard practice will be implemented.

Again, although exact consent procedures will be determined by the contractor and the school, procedures will be similar to the following: Once the parent sample is identified, parents/guardians will be informed about the upcoming survey and encouraged to discuss the content and their potential participation with the evaluation contractor. Parent surveys will be completed onsite (at the parent curriculum group or similar group in standard of care schools; completed online through an emailed link as with the educator surveys; or mailed to the participants.

Our approach to the parent survey begins with the selection of a random sample of parents from the students in the study; augmenting the sample of parents participating in the parenting program, a small sample of parents not participating in the parenting program will be sampled. The parent contact information obtained on the parent consent for student form will be used to send an email or letter with an invitation to participate in the survey online or via hardcopy (which will be included in the mailing). Multiple email invitations will be sent to each of the available email addresses. The hard copy package will also contain a link for those parents who prefer to complete the survey online. NORC will then do multiple prompts by mail to acquire a completed survey. Once again, one parent/guardian (the primary caregiver) will be instructed via the cover letter to complete the survey and mail it to NORC using the provided postage paid envelope. Approximately 4 weeks after the mailing of the initial survey, NORC will send non-responding parents a replacement copy of the survey packet. The second packet will also include a letter of endorsement from a school official. Upon receipt of the completed Parent survey, NORC will update the case management system indicating that the survey has been returned and prepare the survey for scanning.

#### **Implementation Evaluation Consent and Assent:**

Human subjects approval and consent/assent is required for the student and implementer focus groups, as well as participation in the Brand Ambassador survey.

#### Student Focus Group Participation

*Parent consent for student participation.* Student participants will be provided a consent form for their parents to complete and return before students can participate in a student focus group (students will not be expected/invited to participate in more than one focus group over the life of the project). The consent form provides an overview of the purpose and design of a student focus group session. The form clearly notes a student's participation is voluntary and participants can discontinue their participation at any time. Additionally, the form provides contact information for the Project Director of the evaluation contract and the NORC IRB administrator to address any questions parents may have.

*Student assent for focus group participation.* Student participants will be provided an assent form to complete and return before they can participate in a student focus group. The assent form provides an overview of the purpose and design of a student focus group session. The form clearly notes the evaluation is voluntary and participants can discontinue their participation at any time. Additionally, the form provides contact information for the student's school counselor, a NORC staff person and the NORC IRB administrator to address any questions they may have.

#### Implementer Focus Group Participation

*Implementer consent to participate.* Implementers will be provided a consent form to complete before they can participate in a focus group (implementers will not be expected/invited to participate in more than one focus group). The consent form provides an overview of the purpose and design of the focus group session. The form clearly notes that the implementer's participation is voluntary and participants can discontinue their participation at any time. Additionally, the form provides contact information for a NORC staff person and the NORC IRB administrator to address any questions they may have.

#### Brand Ambassador Survey Participation

*Parent consent for brand ambassadors.* Brand ambassador participants will be provided a consent form for their parents to complete and return before brand ambassadors can participate in the brand ambassador implementation evaluation (two data collections). The consent form provides an overview of the brand ambassador program and requirements of participation in the brand ambassador program. The form clearly notes that the evaluation is voluntary and participants can discontinue their participation at any time. Additionally, the form provides contact information of the manager of the brand ambassador program and the NORC IRB administrator to address any questions parents may have.

*Student assent for brand ambassadors.* Brand ambassador participants will be provided an assent form to complete and return before they can participate in the brand ambassador implementation evaluation. The assent form provides an overview of the brand ambassador program and requirements of participation in the brand ambassador program. The form clearly notes the evaluation is voluntary and participants can discontinue their participation at any time. Additionally, the form provides contact information of the manager of the brand ambassador program to address any questions they may have.

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

Only the outcome evaluation contains sensitive items.

#### Outcome Evaluation:

The student surveys, parent surveys, and school data to be collected in this proposal include sensitive questions. The primary outcome on which we expect Dating Matters to have an impact, perpetration and victimization of dating violence behaviors, is a sensitive topic, and in order to measure impact on dating violence, we must ask students directly about their perpetration and victimization of dating violence. In addition, many of the other empirically supported risk factors that we expect may change as a result of exposure to the two models of prevention (e.g., substance use, risky sexual behaviors, attitudes toward dating violence, engagement in delinquent behaviors, school disciplinary problems) are also sensitive topics, and in order to measure program impact, we must ask questions directly about these topics.



Parents will be asked some sensitive questions, such as questions about their parenting behaviors and their own resolution of conflict in their relationships. The consent forms disclose to parents and students that some of the survey questions may be sensitive in nature and that they do not have to answer any questions that they do not want to answer. We obtained a Certificate of Confidentiality that will further insure the privacy and security of the respondents' answers to such questions. School counselors or other staff will be available during data collections to assist any respondents who feel upset or disturbed by any of the questions. We cannot evaluate the impact of the comprehensive Dating Matters approach on teen dating violence without asking sensitive questions about dating violence and other related behaviors.

#### Implementation Evaluation:

No sensitive questions will be asked. Paper and writing implements will be provided to participants in the focus groups who wish to communicate a thought but feel uncomfortable doing so verbally in front of the group. Thus, sensitive comments can be communicated in writing to the focus group moderators directly.

## 12. Estimates of Annualized Burden Hours and Costs

Burden estimates were derived based on the number and nature of the questions, the administration methods (e.g., using scantrons, open-ended questions) and the age of the respondents. The number of respondents was based on the sampling plan and power analysis for the main hypotheses.

### A.12.A. Burden

**Table A.12- Estimate of Annual Burden Hours.<sup>1</sup>**

Type of Respondent	Form Name	Number of Respondents	Number of Responses per Respondent	Average Burden per Response (Hours)	Total Burden (Hours)
Student Program Participant	Student Outcome Survey Baseline - Attachment D:	11,286	1	45/60	8465
Student Program Participant	Student Outcome Survey Mid-Point – Attachment F	10,692	1	45/60	8019
Student Program Participant	Student Outcome Survey Follow-up - Attachment E:	10,692	1	45/60	8019
School data extractor	School Indicators - Attachment G	44	342	15/60	3762
Parent Program Participant	Parent Outcome Baseline Survey - Attachment H	1,919	1	1	1919
Parent Program Participant	Parent Outcome Follow-up Survey - Attachment EEEE	1,818	1	1	1818
Educator	Educator Outcome Survey (baseline) - Attachment I	1,672	2	30/60	1672
Student Brand ambassador	Brand Ambassador Implementation Survey - Attachment J	80	2	20/60	53.28
School leadership	School Leadership Capacity and	42	1	1	42

<sup>1</sup> The column labeled Number of Respondents reflects a 95% response rate at baseline and 90% response rate a follow-up.

	Readiness Survey - Attachment K				
Parent Curricula Implementer	Parent Program Fidelity 6th Grade Session 1- Session 6 – Attachment L - Q	210	3	15/60	157.5
Parent Curricula Implementer	Parent Program Fidelity 7th Grade Session 1, 3, 5 - Attachment R – T	126	3	15/60	94.5
Student Curricula Implementer	Student Program Fidelity 6th Grade Session 1-Session 6- Attachment U -Z	480	1	15/60	120
Student Curricula Implementer	Student Program Fidelity 7th Grade Session 1- Session 7 – Attachment AA-GG	560	1	15/60	140
Student Curricula Implementer	Student Program Fidelity 8th Grade Session 1-Session 10 (comprehensive) – Attachment HH - QQ	800	1	15/60	200
Communications Coordinator	Communications Campaign Tracking - Attachment RR	4	4	20/60	5.328
Local Health Department Representative	Local Health Department Capacity and Readiness - Attachment SS	16	1	2	32
Student Program Participant	Student participant focus group guide (time spent in focus group) – Attachment ZZ	80	1	1.5	120
Student Curricula Implementer	Student curricula implementer focus group guide (time spent in focus group) – Attachment AAA	80	1	1	80
Parent Curricula Implementer	Parent curricula implementer focus group guide (time spent in focus group) – Attachment BBB	80	1	1	80
Student Curricula Implementer	Safe Dates 8th Grade Session 1 –Session 10 (standard) - Attachment CCC-LLL	800	1	15/60	200
Student Master Trainer	Student program master trainer TA form – Attachment DDDD	12	50	10/60	100.2
					35099

The respondent burden has been estimated based on the number of respondents enrolled or otherwise involved in a given data collection effort (see sampling frames in SSB), the number of times each of these respondents needed to be contacted, and the estimated amount of time (expressed in hours or fractions thereof) required for a respondent to provide the requested information. This calculation of the total amount of time required of the respondents is then multiplied by an estimated hourly wage for the respondent population affected by the particular data collection instrument/ processes. The produce of the total amount of time require and the applicable estimated hourly cost to each respondent yields an estimate of the total respondent cost across multiple data collection instruments/processes and the four

year data collection period of the project. The total estimated burden for this request is **35,099** (rounded up from **35,098.308**) hours per year.

#### A.12.B. Estimated Annualized Burden Cost

Type of Respondent	Form Name	Number of Respondents	Number of Responses per Respondent	Average Burden per Response (Hours)	Total Burden (Hours)	Hourly Wage Rate	Total Respondent Cost
Student Program Participant	Student Outcome Survey Baseline - Attachment D:	11,286	1	45/60	8464.5	\$7.25	\$61,367.63
Student Program Participant	Student Outcome Survey Mid-Point - Attachment F:	10,692	1	45/60	8019	\$7.25	\$58,137.75
Student Program Participant	Student Outcome Survey Follow-up - Attachment E:	10,692	1	45/60	8019	\$7.25	\$58,137.75
School data extractor	School Indicators - Attachment G	44	342	15/60	3762	\$28.58	\$107,517.96
Parent Program Participant	Parent Outcome Baseline Survey - Attachment H	1,919	1	1	1919	\$15.23	\$29,226.37
Parent Program Participant	Parent Outcome Follow-up Survey - Attachment EEEE	1,818	1	1	1818	\$15.23	\$27,688.14
Educator	Educator Outcome Survey- Attachment I	1,672	2	30/60	1672	\$28.58	\$47,785.76
Student Brand ambassador	Brand Ambassador Implementation Survey - Attachment J	80	2	20/60	53.28	\$7.25	\$386.28
School leadership	School Leadership Capacity and Readiness Survey - Attachment K	42	1	1	42	\$47.57	\$1,997.94
Parent Curricula Implementer	Parent Program Fidelity 6th Grade Session 1- Session 6 – Attachment L - Q	210	3	15/60	157.5	\$15.23	\$3,997.88
Parent Curricula Implementer	Parent Program Fidelity 7th Grade Session 1, 3, 5 - Attachment R – T	126	3	15/60	94.5	\$15.23	\$2,398.73
Student Curricula Implementer	Student Program Fidelity 6th Grade Session 1- Session 6- Attachment U –Z	480	1	15/60	120	\$28.58	\$3,429.60
Student Curricula Implementer	Student Program Fidelity 7th Grade Session 1- Session 7 – Attachment AA- GG	560	1	15/60	140	\$28.58	\$4,001.20
Student Curricula Implementer	Student Program Fidelity 8th Grade Session 1- Session 10 (comprehensive)	800	1	15/60	200	\$28.58	\$5,716.00

	- Attachment HH – QQ						
Communications Coordinator	Communications Campaign Tracking - Attachment RR	4	4	20/60	5.328	\$15.23	\$81.15
Local Health Department Representative	Local Health Department Capacity and Readiness - Attachment SS	16	1	2	32	\$15.23	\$487.36
Student Program Participant	Student participant focus group guide (time spent in focus group) – Attachment ZZ	80	1	1.5	120	\$7.25	\$870.00
Student Curricula Implementer	Student curricula implementer focus group guide (time spent in focus group) – Attachment AAA	80	1	1	80	\$28.58	\$2,286.40
Parent Curricula Implementer	Parent curricula implementer focus group guide (time spent in focus group) – Attachment BBB	80	1	1	80	\$15.23	\$1,218.40
Student Curricula Implementer	Safe Dates 8th Grade Session 1 –Session 10 (standard) - Attachment CCC-LLL	800	1	15/60	200	\$28.58	\$5,716.00
Student Master Trainer	Student program master trainer TA form – Attachment DDDD	12	50	10/60	100.2	\$15.23	\$1,526.05
							\$421,415.69

The respondent burden has been estimated based on the number of respondents enrolled or otherwise involved in a given data collection effort (see sampling frames in SSB), the number of times each of these respondents needed to be contacted, and the estimated amount of time (expressed in hours or fractions thereof) required for a respondent to provide the requested information. This calculation of the total amount of time required of the respondents is then multiplied by an estimated hourly wage for the respondent population affected by the particular data collection instrument/ processes. The produce of the total amount of time require and the applicable estimated hourly cost to each respondent yields an estimate of the total respondent cost across multiple data collection instruments/processes and the four year data collection period of the project. The hourly wage used to calculate the respondent costs are based on professions of comparable experience using the Department of Labor wage tables ([www.dol.gov](http://www.dol.gov)). Total Respondent Cost for this evaluation is **\$421,415.69** per year.

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

Respondents will incur no capital or maintenance costs.

### 14. Annualized Cost to the Federal Government

**Contract costs for evaluation**

Outcome Evaluation:	\$640,000 per year
Implementation Evaluation (non-communications):	\$300,000 per year
Implementation Evaluation (communications):	\$75,000 per year

**Federal employee costs (OMB point of contact, PIs, and co-PIs):**

Salaries: 8 federal employees @ \$88,000/year	\$704,000 per year
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**Total per year** **\$1,719,000 per year**

**15. Explanation for Program Changes or Adjustments**

This is a new data collection.

**16. Plans for Tabulation and Publication and Project Time Schedule****A.16.A. Tabulation and Analysis Plan Outcome Evaluation:**

The proposed data collection involves the evaluation of Dating Matters, which will be implemented in four urban communities in 2012-2016. The evaluation will utilize a cluster randomized design in which 8-12 middle schools in each city (44 schools total) are randomized to either Dating Matters or standard practice.

Outcome Evaluation.

The final analysis plan will be determined once preliminary analysis of the data can indicate the most appropriate plan of action for analysis. Intervention condition (Dating Matters or standard of care) will be randomly assigned at the school level, so all four sites will contain both prevention models. It is expected that random assignment will ensure relatively similar groups at baseline, but any initial differences between groups will be statistically controlled. We will analyze based on an intent-to-treat approach, but it is likely that we will also examine student and parent data with respect to exposure to the relevant curriculum. It is expected that analysis will include Hierarchical Linear Modeling (HLM) to test for intervention effectiveness, given that individuals are nested within schools which are nested within sites. HLM provides a conceptual framework and a flexible set of analytic tools to analyze the special requirements of our data emerging from a multi-stage sample from multiple sources (e.g., students, parents, schools, etc.). Classes are nested within schools and variables will be defined at any level of this hierarchy. Nesting occurs when a unit of measurement is a subset of a larger unit and the units clustered in the larger unit might be correlated. Some of our variables will be measured at the school level (e.g., school size and location), others will be derived from the class level (e.g., grade level and treatment group), and others at the student level (e.g., survey results on behavior). For example, in our models, student data will be included on level 1 and classroom data and school data will be included on levels 2 and 3 respectively, with site location included as a covariate. For example, for one of our tests we would use the following level-2 fixed effect equations:  $B_{0k} = \gamma_{00} + \gamma_{01}INTERVENTION_k + \sum \gamma_{0s}W_{sk} + u_{0k}$  in which  $\gamma_{01}$  represents the fixed effect of the intervention at the school level on the outcome  $B_{0k}$ ,  $W$  represents  $s$  number of classroom-level confounding variables for control purposes, and  $u$  represents the level-2 classroom random effect. Coefficient  $\gamma_{01}$  represents the amount of the difference the intervention makes relative to the control group, by different grades levels. We will also estimate the reduction of the residual classroom effect unexplained by the Intervention predictor to gauge the proportion of variation explained by and assess the impact of the Intervention.

Implementation Evaluation.

Analyses for the implementation evaluation component will focus primarily on describing program implementation in order to enhance the program materials, training and technical assistance. Measures of fidelity will be used to compute a fidelity score which will be included as moderator of change in the modeling of program effects described above.

In addition a cost-effectiveness analysis will be applied to both standard and comprehensive approaches. Cost-effectiveness analysis results are expressed in a cost-effectiveness ratio which is interpreted as the cost per teen dating violence case prevented, and therefore can facilitate the comparison between standard and comprehensive approaches from an economic perspective. Costs will be classified by cost type into two broad categories: program costs and participant costs.

### A.16.B. Publications

**Table A.16-1. Time Schedule**

<b>Activity</b>	<b>Time Schedule</b>
Award contracts for data collection	Contracts for data collection will be awarded prior to obtaining OMB approval, such that contractors may prepare for data collection and so that data collection may be initiated as soon as approval is obtained. Due to the complex nature of the Dating Matters evaluation, contracts awarded in FY11 and FY12 will support the evaluation.
Administer outcome and implementation evaluation.	Evaluation activities will begin within 30 days of OMB approval and will continue until implementation is complete in 2016.
Apply for OMB approval	In anticipation of expiration of our original OMB approval (expected to expire 2015) in 2014 we will prepare and submit an application for an extension.
Analyze evaluation results.	Analysis will begin within 60 days of receiving data from contractors. Data will be analyzed annually to monitor effects with ultimate analysis (to address study hypotheses with sufficient power); analysis will be initiated within 60 days of receiving the fourth year of evaluation data in 2016.
Develop products and publications based on the results of the evaluation.	Within a year of receiving the complete evaluation data (with four years of data collection) it is anticipated that the main publications examining the outcome and implementation of Dating Matters will be submitted for publication. In addition to scientific publications, research-in-briefs and other non-technical reports of the evaluation results will be prepared and disseminated to key stakeholders.

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

Not applicable.

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

Not applicable.

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