

“Division of Adolescent and School Health (DASH) Applied Evaluation Studies: District of Columbia Public Schools (DCPS) Sexual Health Services (SHS) Evaluation”

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Supporting Statement Part B

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Supported by:

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Section B: Collections of Information Employing Statistical Methods

B.1 Respondent Universe and Sampling Methods

School-based Focus Groups

The respondent universe for the student focus groups consists of high school students who were enrolled in DCPS during the 2017-2018 school year (n= approximately 13,000). Four high schools will be selected for participation based on (1) having SHLs and LGBTQ liaisons at the school (2) recommendation from DCPS district staff, and (3) willingness of the school administration to allow students to be recruited and participate. Each of the high schools has an estimated enrollment of 100-950 students. Within each participating school, students who are enrolled in the course and classes identified by the school administration will receive a letter to take to parents that provides information on the study and a place for parents to provide active consent for students to participate (see **Attachment 5**). Students aged 18 years or older will receive an information letter and adult student consent form (see **Attachment 6**). Consent forms will be distributed and collected for 7 days. After 7 days, a second round of consent forms (copies of the original form) will be redistributed to students who had not returned the consent form originally. From the pool of returned consent forms, the study team will randomly select 10 male students and 10 female students from each school (4 high schools) to participate in the focus groups. A total of 80 students will be scheduled to participate in the school-based focus groups.

LGBTQ Youth Focus Group

The respondent universe for the LGBTQ youth focus group consists of self-identified LGBTQ youth enrolled in a DCPS high school who attend the collaborating DC-based LGBTQ youth serving CBO. Participants may represent a range of genders, gender orientations, gender expressions, and sexual orientations. Youth consent forms (see **Attachment 7**) will be distributed and collected for 7 days. From the pool of returned youth consent forms, the study team will randomly select 10 youth to participate in the focus group.

| Information Collection | Respondent Type | Maximum number of Respondents |
|-------------------------------|-----------------------------|--------------------------------------|
| Student focus groups | High school male students | 40 |
| | High school female students | 40 |
| | Self-identified LGBTQ youth | 10 |

B.2 Procedures for the Collection of Information

Student Focus Groups

Student focus groups (n=9) will be held in fall 2018 (pending OMB approval). Each focus group will include up to 10 students. The 8 school-based focus groups will be stratified by gender (4 focus groups will include all female students, 4 focus groups will include all male students) the 1 CBO focus group will include self-

identified LGBTQ youth who are enrolled in DCPS high school, in collaboration with a local community-based organization (CBO) to help ensure that LGBTQ students' needs and perceptions are included in the evaluation. Participants in this focus group may represent a range of genders, gender orientations, gender expressions, and sexual orientations (up to 10 self-identified LGBTQ youth).

Each focus group will be moderated by one study team member (a CDC contractor) and will include one additional study team member (a CDC contractor) as the note-taker. The moderator will use a semi-structured focus group guide (see **Attachment 3**) that lists key questions and allows the moderator to probe for additional insight.

Focus groups will take place during non-instructional hours to ensure participation does not interfere with students' learning. The location of the focus groups will vary by individual site but will be in accordance with school administration and CBO staff recommendations and will be in a secure and private space comfortable for students. Focus groups will last no more than 90 minutes. All focus groups will be audio-recorded (with participant permission) to ensure an accurate account of what was discussed. Since the focus groups will take place after school hours, student transportation must be pre-arranged by the student or their parent/guardian. Focus groups will be scheduled in advance to allow parents time to plan accordingly.

In the introduction to all student focus groups (in high schools and with the CBO), students will be read language for which they will be able to provide their verbal assent for participation (see **Attachment 8**).

Power Analysis

Purposive sampling strategies will be used for both activities outlined in this information collection request; therefore, statistical power analysis is not applicable. For the student focus groups, all students aged 14-19 years are enrolled in select spring 2018 courses/classes identified by school administrators will be invited to participate. It was not feasible to conduct focus groups in all schools (students would need transportation to other locations for the focus group), so for logistical purposes and to improve our ability to gain buy-in from school administrators, we limited the student data collection to a small number of schools. The schools will be selected because they have SHLs and LGBTQ liaisons. From the pool of students who return consents, groups of students (stratified by gender) will be selected for participation at random. Our goal in this information collection is to ensure input that is as broadly representative as possible and reduce potential for bias, but for this qualitative data collection, we do not expect results to be generalizable to all students.

B.3 Methods to Maximize Response Rates and Deal with No Response

School-based Student Focus Groups

All students in pre-selected classes at 4 schools will be given information about the study and invited to return parental consent forms. Among the students who return consent forms, students will be grouped into 2 stratifications: male students, and female students. Within each

of these groups, 40 students will be invited to participate in the focus groups.

LGBTQ Youth Focus Group

All self-identified LGBTQ youth enrolled in a DCPS high school who attend the collaborating DC-based LGBTQ youth serving CBO will be given information about the study and invited to return youth consent forms. Among the students who return consent forms, who self-identify as LGBTQ and are enrolled in a DCPS high school, 12 will be invited to participate in a focus group. Participants in this focus group may represent a range of genders, gender orientations, gender expressions, and sexual orientations (up to 10 self-identified LGBTQ youth).

Students will be contacted to schedule the focus group and gain confirmation of attendance. For each student who does not confirm availability, an alternate student from that same stratified group will be selected at random for the invitation. This process will begin weeks in advance of the focus group so that all invited slots can be filled with confirmed participants. However, the study team is aware that even confirmed participants may not show up on the day of the focus group. For this reason, 12 students are being invited to each group, with the expectation that groups could be run successfully (and meaningfully) with as few as 8 students per group.

B.4 Tests of Procedures or Methods to be Undertaken

The focus group guide was developed with the extensive input of expert consultants both internal and external to CDC and the CDC's contractor. The guide was constructed around key concepts found in the literature related to access to sexual health services, and tailored for the context of DCPS with assistance from DCPS district-level staff. The student focus group guide was reviewed for content, clarity, and appropriateness by a DCPS district employee and the full study team (staff from CDC and its contractor); revisions were made to refine the guide based on the collective input. The feedback from the review process was used to further refine the instruments and prepare for data collection training.

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

Individuals consulted on statistical aspects and study design:

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