

Generic Clearance for Challenge and Competition Solicitations
Request for Approval of Information Collection

TITLE OF CHALLENGE/COMPETITION: Healthy Behavior Data Challenge

PROVIDE A BRIEF DESCRIPTION OF THE QUESTIONS THAT PARTICIPANTS WILL BE ASKED TO ANSWER OR INFORMATION THEY WILL BE ASKED TO PROVIDE:

The collection of health data through traditional surveillance modes including telephone and in-person interviewing is becoming increasingly challenging and costly with declines in participation and changes in personal communications. In addition, the self-reported nature of responses particularly in the areas of nutrition, physical activity, sedentary behaviors, and sleep has been a major limitation in these surveillance systems, since self-reported data are subject to under/over reporting and recall bias. Meanwhile, the advent of new technologies and data sources including wearable devices (such as: smart watches, activity trackers, sleep monitors, etc.), mobile health applications on smartphones or tablets, and data from social media represents an opportunity to enhance the ability to monitor health-related information and potentially adjust for methodological limitations in traditional self-reported data.

This request seeks approval for a GenIC approval for subproject The Healthy Behavior Data Challenge. This Challenge competition seeks to identify new ways to address the challenges and limitations of self-reported health surveillance information and tap into the potential of innovative data sources and alternative methodologies for public health surveillance.

The Challenge will be conducted in two phases. Phase I is for ideation and prototype development. Participants will propose data sources and approaches for aggregating data from wearable devices, mobile applications and /or social media in the areas of nutrition, physical activity, sedentary behaviors, and/or sleep. Submission requirements are described in the Phase 1 Submission Template, the List of Submission Requirements attached to this Request for Approval of Information Collection, and the Federal Register Notice. In Phase II selected semi-finalists will refine and test their proposed approaches and prototypes.

BURDEN HOURS (Please fill in the table below):

Category of Respondent	No. of Respondents	Participation Time	Burden
Computer and information systems specialists, Statisticians, Data Analysts, Epidemiologists	100	1	100
Totals	100	1	100

CATEGORY OF RESPONDENTS: The general public; those with background and skill in information technology and data analysis.

REQUESTED APPROVAL DATE: As soon as possible; competition opened 4/28/2017

NAME OF CONTACT PERSON: Dr. Machell Town

TELEPHONE NUMBER: 770.488.4681

NAME OF OFFICE/PROGRAM: National Center for Chronic Disease Prevention and Health Promotion
Centers for Disease Control and Prevention

Instructions for completing a Request for Approval under the Generic Clearance for Challenge and Competition Solicitations

These instructions are specific for a challenge utilizing the HHS generic clearance (0990-0390). Before running a challenge/competition, if you are asking questions or for information that may be subject to the Paperwork Reduction Act, you must submit the attached form, a copy of the Federal Register notice announcing the Challenge, and, ideally, a screenshot of the questions that will be asked of the solution providers (as part of their entry)¹.

If you are asking questions or you are asking for other information that OMB has determined is not subject to Paperwork Reduction Act, you do not have to submit this information. Please see the FAQs for more information. Upon approval of the use of this generic clearance, a copy shall be submitted along with the Federal Register Notice to challenges@hhs.gov

Instructions for Form

TITLE OF CHALLENGE OR CONTEST: Provide the name of the challenge as it appears in the FR notice and will appear on Challenge.gov (or other platform).

PROVIDE A BRIEF DESCRIPTION OF THE QUESTIONS THAT PARTICIPANTS WILL BE ASKED TO ANSWER OR INFORMATION THEY WILL BE ASKED TO PROVIDE: A short description will be sufficient. (e.g., We will be requesting information on pending patents and basic demographic information, such as race, age, and gender with each submission.)

BURDEN HOURS:

Category of Respondents: Identify who you expect the respondents to be in terms of the following categories: (1) Individuals or Households; (2) Private Sector; (3) State, local, or tribal governments; or (4) Federal Government. Only one type of respondent can be selected per row.

No. of Respondents: Provide an estimate of the Number of entries.

Participation Time: Provide an estimate of the amount of time (in minutes) required for a respondent to provide the information (e.g., provide information about their pending patents or their demographic information)

¹ If you are using Challenge.Gov to host the challenge, this task can be accomplished using the 'preview mode'. If such a screen shot is not yet available, you should submit a list of the questions that will be asked of the solution providers. The questions should be presented in the same form and order as they will be asked of solution providers.

Burden: Provide the Annual burden hours: Multiply the Number of Respondents and the Participation Time then divide by 60.