

Attachment 15

Wearable Devices Projects

Form Approved OMB No. 0920-0950 Exp. Date xx/xx/20xx

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Up to 1,200 additional persons might participate in tests of wearable devices, if budgeted, including devices worn for a 24-hour period. Allowing time for providing instructions or conducting end of project interviews etc., the average burden for these special test respondents is 25 hours.

Wearable or mobile health data collection devices are increasingly being used in clinical and research environments as well as in personal settings. Wearable Device projects would investigate the feasibility of incorporating wearable health monitors among NHANES respondents. Before full implementation on the NHANES, information would be needed in several operational areas such as: measurement validity, data access and transfer, data storage, data processing, and acceptability to respondents. The list of wearable health monitors that could be explored as potential data collection tools continues to grow. Possible measurements could include: balance, cardiac rhythms, cortisol, physical activity, posture, sedentary behavior, sleep, blood pressure and weight etc.