Memorandum	**United States Department of Education**
	Institute of Education Sciences
	National Center for Education Statistics

DATE: May 3, 2023

TO: Robert Sivinski, OMB

THROUGH: Carrie Clarady, NCES

FROM: Mary Coleman, NCES

SUBJECT: Teaching and Learning International Survey (TALIS) 2024 Main Study Sampling Plan Change Request (OMB# 1850-0888 v.11)

The Teaching and Learning International Survey (TALIS) is an international survey of teachers and principals focusing on the working conditions of teachers and the teaching and learning practices in schools. The United States (U.S.) will administer TALIS for the third time in 2024, having participated in 2013 and 2018.

TALIS 2024 is sponsored by the Organization for Economic Cooperation and Development (OECD). TALIS is steered by the TALIS Governing Board (TGB), comprising representatives from the OECD member countries, and implemented internationally by organizations contracted by the OECD (referred to as the "international consortium" or "IC"). In the U.S., TALIS 2024 is conducted by the National Center for Education Statistics (NCES) of the Institute of Education Sciences, U.S. Department of Education.

Each administration of TALIS is a collaborative effort by the participating countries, guided by their governments based on shared policy driven interests. TALIS 2024 is focused on teachers' professional environment, teaching conditions, and the impact of these on school and teacher effectiveness. TALIS 2024 will address teacher training and professional development, teacher appraisal, school climate, school leadership, instructional approaches, pedagogical practices, and teaching experience with and support for teaching diverse populations. OECD has scheduled the main study to occur in the Northern hemisphere from February through March 2024 and in the Southern hemisphere from June through August 2024. To prepare for the main study, several TALIS countries conducted pilot studies in February 2022; the U.S. did not participate in this pilot. Countries conducted a field test in the first quarter of 2023, primarily to evaluate newly developed questionnaire items and school recruitment materials. The U.S. participated in the field test.

To meet the international data collection schedule for the main survey, U.S. recruitment activities need to begin by June 2023. OMB approved recruitment and pre-survey activities for the 2023 school recruitment activities for the 2024 main study sample in August 2022 (OMB# 1850-0888 v.8). In December 2022, OMB approved the international versions of the field test instruments (OMB#1850-0888 v.9) and the final U.S. versions of the field test instruments (OMB#1850-0888 v.10).

This change request is for approval to increase the number of sampled schools for the main study from 203 schools to 244 schools. During the field test, the U.S. learned that more schools than expected had fewer than 35 eligible teachers. Therefore, schools provided smaller overall number of teachers for participation. Additionally, the U.S. experienced slightly lower response rates. Combined, these two factors resulted in a smaller-than-expected yield of responding teachers. To maintain sufficient analytic power for the main study, the U.S will increase the number of sampled schools from 203 schools to 244 schools. Part A and Part B have been updated to reflect the completion of the field test and the increased number of sampled schools for the main survey. More detailed descriptions of the changes in this package are included on the following pages; specific changes are marked in red font.

Changes across documents

- Part A and Part B were updated to make all references to the Field Test (completed in early 2023) in past tense.
- References to the OMB PRA clearance process were updated to mention the approvals of v. 9 and v. 10.

Changes to Part A

A.12 Estimates of Burden

Table 1. Burden estimates for TALIS 2024 field test (FT) and main study (MS)

	Sample size	Expected response rate[1]	Number of respondents	Number of responses	Burden per respondent (minutes)	Total burden (hours)
Main Study Recruitment and Pre-Survey Activity						
District Administrator	~~352~~ 423	1.00	~~352~~ 423	~~352~~ 423	10	~~59~~ 71
Special Handling Districts IRB Staff						
Participating Districts	~~41~~ 49	0.54	~~22~~ 26	~~22~~ 26	120	~~44~~ 52
Non-Participating Districts			~~19~~ 23	~~19~~ 23	120	~~38~~ 46
Special Handling Districts IRB Panel						
Participating Districts	~~246~~ 294	0.54	~~132~~ 159	~~132~~ 159	60	~~132~~ 159
Non-Participating Districts			~~114~~ 135	~~114~~ 135	60	~~114~~ 135
School Administrator						
Participating Schools	~~311~~ 374	0.58	~~181~~ 217	~~181~~ 217	90	~~272~~ 326
Non-Participating Schools			~~130~~ 157	~~130~~ 157	30	~~65~~ 79
School Coordinator	~~203~~ 244	1.00	~~203~~ 244	~~203~~ 244	240	~~812~~ 976
Burden – MS Recruitment			*~~1,153~~ 1,384*	*~~1,153~~ 1,384*		*~~1,536~~ 1,844*
Main Study Survey Participation						
School Administrator	~~203~~ 244	0.90	~~183~~ 220	~~183~~ 220	45	~~137~~ 165
Teacher (Core)	~~4,060~~ 4,880	0.90	~~3,654~~ 4,392	~~3,654~~ 4,392	60	~~3,654~~ 4,392
Teacher (TKS)	~~3,045~~ 3,660	0.90	~~2,741~~ 3,294	~~2,741~~ 3,294	60	~~2,741~~ 3,294
Burden – MS Data Collection			*~~6,578~~ 7,906*	*~~6,578~~ 7,906*		*~~6,532~~ 7,851*
Total Burden Main Study			*~~7,731~~ 9,290*	*~~7,731~~ 9,290*		*~~8,068~~ 9,695*
Total Burden Requested			*~~2,683~~ 2,914*	*~~2,683~~ 2,914*		*~~3,133~~ 3,441*

[1] Expected response rates are based on the TALIS 2018 experience. For details, see *U.S. Technical Report and User Guide for the 2018 Teaching and Learning International Survey (TALIS)*, available at https://nces.ed.gov/pubs2021/2021070.pdf.

NOTE: The "Main Study Survey Participation" rows are provided here for informational purposes, but their burden hours are greyed out and not requested in this package and their values are not included in totals. Details may not sum to totals due to rounding.

For the TALIS main study recruitment and field test a total of ~~3,133~~ 3,441 burden hours are anticipated, resulting in an estimated burden time cost to respondents of approximately $~~103,680~~ 114,001 based on Bureau of Labor Statistics data.[1]

A.15   Program Changes or Adjustments

During the field test, the U.S. learned that more schools than expected had fewer than 35 eligible teachers. Additionally, the U.S. experienced slightly lower response rates resulting in a lower-than-expected yield of teacher responses. To achieve the desired analytic power for the main study, the U.S will have a target sample of 244 schools, 4,880 teachers for the core TALIS questionnaire, 3,660 teachers for the TKS questionnaire. The estimates in table 1 retain the original design assumptions of 35 teachers per school and a target response rate of 0.9 for teachers. This means that the table provides the upper limit of respondent burden for the main survey.

A.16   Plans for Tabulation and Publication

Table 3. Timeline of activities for TALIS 2024 field test and main study

Activity	Timeframe
Pilot study (the U.S. will not participate in the pilot study)	February 2022
Preparation for field trial data collection	April – December 2022
Begin field test recruitment	August 2022
Field test data collection	February – March 2023
Analysis of field trial data / Preparation for main survey data collection	April – December 2023
Begin main survey recruitment	~~June~~ August 2023
Main survey data collection	February – March 2024
Analysis of main survey data; preparation and review of national databases; preparation of reports and dissemination of products	July 2024 – September 2026

Changes to Part B

B.2 Statistical Methodology

Main Study

The U.S. plans to select a sample of ~~235~~ 262 schools each with two substitute schools with the expectation that ~~203~~ 244 schools will ultimately participate. Among the ~~235~~ 262 schools, ~~217~~ 242 will be public schools and ~~18~~ 20 will be private schools. This allows for school non-response and for school-level and within-school-level exclusions.

~~For~~ During the field test, the U.S. learned that more schools than expected had fewer than 35 eligible teachers. Therefore, schools provided smaller overall number of teachers for participation. Additionally,

[1] In the May 2020 National Occupational and Employment Wage Estimates, sponsored by the Bureau of Labor Statistics, the average hourly earnings for staff types in TALIS are as follows: middle school teachers: $31.39; secondary school teachers: $32.33; noninstructional staff: $20.38; and principals/education administrators: $49.52. When mean hourly wage was not provided, it was computed assuming 2,080 hours per year. The occupation codes ("OCC_CODE") used were as follows: Elementary and Middle School Teachers (25-2020); Secondary School Teachers (25-2030); Office and Administrative Support Occupations (43-0000); and Education Administrators, Elementary and Secondary Schools (11-9032). Information was retrieved on September 10, 2021, from https://www.bls.gov/oes/current/oes_nat.htm. To calculate the total estimated burden time cost for teachers, we assumed 25 percent of teachers will teach in high schools and 75 percent will teach in middle schools or other types of schools (e.g., K-8, K-12, etc.); this assumption is based on previous TALIS sampling designs.

the U.S. experienced slightly lower response rates. Combined these two factors resulted in a smaller than expected yield of responding teachers. To maintain sufficient analytic power for the main study, the U.S will sample ~~4,060~~ 4,880 teachers for the core TALIS questionnaire~~, plus an additional~~ and ~~3,045~~ 3,660 teachers for the TKS questionnaire. ~~To provide for an adequate participating teacher sample, given a relatively fixed school sample size due to cost constraints, the U.S. will consider oversampling large schools and/or selecting more than 35 eligible teachers in schools that have more than 35 eligible teachers. We expect to submit a change memo in spring 2023 to provide details on the finalized teacher sampling plan for the main study.~~