

## **Supplemental Table to NCES 2007–305**

This supplemental table contains additional data supporting the report *Changes in Instructional Hours in Four Subjects by Public School Teachers of Grades 1 Through 4* (NCES 2007–305). While the table and findings of the main report provide data from the Schools and Staffing Survey on average teacher instructional hours in four subject areas, this supplemental table provides a finer breakdown of average instructional hours by teacher and school characteristics. For more information about the content of this table, please see the main report (NCES 2007–305).

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**Table 1. Average number of hours of instruction per week that regular, full-time public school teachers of first- through fourth-grade, self-contained classrooms spent on each of four subjects, total instruction hours per week on four subjects, and length of student school week, by selected teacher and school characteristics: 1999–2000 and 2003–04**

Selected teacher and school characteristic	1999–2000						2003–04					
	English	Mathe- matics	Social Studies	Science	Total of four subjects	Length of student school week	English	Mathe- matics	Social Studies	Science	Total of four subjects	Length of student school week
<b>Total</b>	10.9	5.7	2.9	2.6	22.1	32.6	11.6	5.4	2.5	2.3	21.8	32.6
Class size												
10 or fewer students	9.6	5.6	2.3	1.9	19.5	33.3	10.5	5.3	2.2	2.0	20.0	32.6
11–18	11.2	5.7	2.8	2.7	22.3	33.1	11.8	5.4	2.5	2.4	22.1	33.3
19–27	11.0	5.6	2.9	2.7	22.2	32.5	11.7	5.4	2.5	2.3	21.8	32.5
28 or more students	10.5	5.7	3.1	2.3	21.6	31.8	11.5	5.4	2.5	2.1	21.5	31.3
Grade level taught												
1st	12.0	5.6	2.7	2.5	22.8	32.6	12.9	5.3	2.2	2.1	22.5	32.9
2nd	11.5	5.6	2.7	2.6	22.5	32.5	12.1	5.4	2.4	2.3	22.2	32.7
3rd	10.7	5.6	3.0	2.6	21.9	32.8	11.2	5.4	2.5	2.4	21.5	32.6
4th	9.6	5.8	3.4	3.1	21.9	32.7	10.4	5.4	3.0	2.5	21.4	32.5
Combined grade classroom	10.5	5.6	2.7	2.3	21.1	32.5	10.6	5.2	2.3	2.2	20.3	32.4
Years of teaching experience												
3 or fewer	10.2	5.5	2.9	2.7	21.4	32.7	10.8	5.4	2.4	2.3	20.9	32.8
4–9	10.8	5.9	2.8	2.6	22.0	32.7	11.4	5.5	2.6	2.4	21.9	32.6
10–19	11.3	5.7	2.8	2.6	22.4	32.8	11.6	5.3	2.5	2.3	21.7	32.5
20 or more	11.1	5.5	3.0	2.6	22.2	32.4	12.3	5.3	2.4	2.2	22.2	32.7
Teacher's education level												
Lower than a Bachelor's degree	10.4	4.2	1.0	2.2	17.8	34.3	11.7	5.5	2.9	2.3	22.4	32.5
Bachelor's degree	10.8	5.6	2.8	2.6	21.9	32.7	11.5	5.4	2.4	2.3	21.7	32.8
Master's degree	11.0	5.7	2.9	2.7	22.3	32.6	11.6	5.3	2.4	2.2	21.6	32.4
Higher than a Master's degree	11.4	5.7	3.1	2.6	22.7	32.2	12.3	5.6	2.8	2.7	23.4	32.5
Community type												
Central city	10.7	5.7	3.0	2.6	22.0	32.6	11.7	5.6	2.4	2.2	22.0	32.5
Urban fringe/large town	10.9	5.6	2.8	2.6	22.0	32.3	11.4	5.3	2.5	2.3	21.5	32.4
Rural/small town	11.2	5.7	2.9	2.7	22.5	33.5	12.0	5.3	2.4	2.4	22.1	33.5
Student enrollment												
Less than 100	10.1	5.5	3.1	2.8	21.5	33.2	11.4	5.4	2.8	2.6	22.2	33.0
100–199	11.1	5.5	2.7	2.7	22.0	33.6	11.9	5.2	2.3	2.3	21.6	32.9
200–499	10.9	5.6	2.9	2.7	22.2	32.6	11.6	5.3	2.5	2.4	21.8	32.8
500–749	10.9	5.6	2.9	2.6	21.9	32.6	11.6	5.5	2.5	2.3	21.8	32.5
750 or more	11.1	5.8	2.9	2.5	22.2	32.4	11.6	5.3	2.4	2.2	21.6	32.5
Percent of K–12 students in school who are of a racial/ethnic minority												
Less than 20	10.7	5.5	2.9	2.7	21.8	32.7	11.4	5.2	2.5	2.4	21.5	32.7
20 to 59.9	11.1	5.6	2.8	2.6	22.2	32.6	11.5	5.4	2.4	2.3	21.6	32.6
60 or more	11.1	5.8	3.0	2.5	22.4	32.5	11.9	5.5	2.5	2.3	22.1	32.6

See notes at end of table.

**Table 1. Average number of hours of instruction per week that regular, full-time public school teachers of first- through fourth-grade, self-contained classrooms spent on each of four subjects, total instruction hours per week on four subjects, and length of student school week, by selected teacher and school characteristics: 1999–2000 and 2003–04—Continued**

Selected teacher and school characteristic	1999–2000					2003–04						
	English	Mathe- matics	Social Studies	Science	Total of four subjects	Length of student school week	English	Mathe- matics	Social Studies	Science	Total of four subjects	Length of student school week
Percent of school enrollment that is of limited-English proficiency												
Less than 5	10.9	5.6	2.9	2.7	22.2	32.8	11.4	5.3	2.5	2.4	21.6	32.9
5 to 19.9	11.0	5.8	2.7	2.5	22.0	32.4	11.5	5.5	2.5	2.4	21.9	32.3
20 or more	11.4	5.7	2.9	2.4	22.4	32.2	12.1	5.6	2.3	2.0	22.0	32.1
Percent of K–12 students in school who were approved for free or reduced-price lunch												
Less than 35	10.7	5.5	2.9	2.7	21.7	32.5	11.1	5.2	2.6	2.4	21.2	32.5
35 to 49.9	11.3	5.7	2.9	2.6	22.5	33.0	12.0	5.3	2.4	2.2	21.9	32.9
50 to 74.9	11.5	5.9	2.9	2.6	22.8	32.8	11.9	5.4	2.3	2.2	21.9	32.6
75 or more	11.0	5.8	2.8	2.6	22.2	32.5	11.9	5.6	2.5	2.4	22.5	32.8
Did not participate in program	10.6	5.7	3.0	2.9	22.2	32.1	11.1	6.1	2.7	2.5	22.4	32.0

NOTE: This table supplements the report titled "Changes in Instructional Hours in Four Subjects by Public School Teachers of Grades 1 Through 4" (NCES 2007–305). For more information about the content of this table, please see the main report (NCES 2007–305). Also note, 1999–2000 and 2003–04 estimates of length of student school week by selected school characteristics are not available for all teachers in the sample. The reported estimates are for those teachers from responding SASS schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Charter Teacher Data File," 1999–2000; "Charter School Data File," 1999–2000; "Public Teacher Data File," 1999–2000 and 2003–04; "Public School Data File," 1999–2000 and 2003–04.

**Table B-1. Standard errors for Table 1: Average number of hours of instruction per week that regular, full-time public school teachers of first- through fourth-grade, self-contained classrooms spent on each of four subjects, total instruction hours per week on four subjects, and length of student school week, by selected teacher and school characteristics: 1999–2000 and 2003–04**

Selected teacher and school characteristic	1999–2000						2003–04					
	English	Mathe- matics	Social Studies	Science	Total of four subjects	Length of student school week	English	Mathe- matics	Social Studies	Science	Total of four subjects	Length of student school week
<b>Total</b>	0.08	0.04	0.03	0.03	0.12	0.06	0.11	0.04	0.03	0.03	0.14	0.07
Class size												
10 or fewer students	0.61	0.30	0.17	0.15	0.81	0.21	0.38	0.20	0.13	0.12	0.54	0.25
11–18	0.16	0.09	0.06	0.06	0.24	0.10	0.23	0.07	0.07	0.06	0.27	0.11
19–27	0.09	0.05	0.04	0.04	0.14	0.07	0.11	0.05	0.03	0.04	0.14	0.08
28 or more students	0.33	0.16	0.12	0.10	0.38	0.18	0.31	0.19	0.14	0.14	0.39	0.34
Grade level taught												
1st	0.16	0.08	0.07	0.06	0.25	0.10	0.20	0.08	0.05	0.05	0.23	0.12
2nd	0.15	0.09	0.07	0.06	0.24	0.11	0.19	0.07	0.06	0.06	0.22	0.12
3rd	0.16	0.08	0.09	0.07	0.25	0.10	0.21	0.09	0.07	0.07	0.29	0.12
4th	0.17	0.11	0.08	0.09	0.29	0.10	0.16	0.09	0.10	0.07	0.22	0.15
Combined grade classroom	0.25	0.13	0.07	0.07	0.35	0.14	0.26	0.12	0.08	0.10	0.41	0.14
Years of teaching experience												
3 or fewer	0.19	0.10	0.10	0.09	0.30	0.12	0.26	0.09	0.10	0.10	0.29	0.15
4–9	0.17	0.09	0.05	0.05	0.25	0.12	0.14	0.07	0.06	0.05	0.19	0.13
10–19	0.17	0.09	0.07	0.05	0.24	0.09	0.15	0.07	0.06	0.06	0.19	0.11
20 or more	0.12	0.06	0.05	0.05	0.18	0.07	0.19	0.06	0.05	0.04	0.25	0.11
Teacher's education level												
Lower than a Bachelor's degree	2.73	1.52	0.79	0.56	3.81	0.38	1.61	0.42	0.34	0.38	1.53	0.40
Bachelor's degree	0.12	0.06	0.05	0.04	0.17	0.08	0.13	0.06	0.04	0.04	0.15	0.09
Master's degree	0.12	0.07	0.05	0.05	0.21	0.08	0.15	0.06	0.06	0.05	0.20	0.09
Higher than a Master's degree	0.30	0.21	0.16	0.15	0.42	0.25	0.33	0.14	0.16	0.12	0.47	0.25
Community type												
Central city	0.15	0.10	0.07	0.06	0.23	0.12	0.17	0.08	0.07	0.07	0.24	0.17
Urban fringe/large town	0.11	0.07	0.04	0.05	0.17	0.09	0.13	0.05	0.05	0.04	0.15	0.09
Rural/small town	0.16	0.07	0.04	0.05	0.22	0.09	0.22	0.09	0.06	0.06	0.31	0.12
Student enrollment												
Less than 100	0.52	0.18	0.13	0.14	0.78	0.18	0.47	0.22	0.18	0.15	0.49	0.31
100–199	0.35	0.14	0.11	0.11	0.37	0.21	0.33	0.17	0.10	0.09	0.45	0.24
200–499	0.14	0.07	0.04	0.04	0.19	0.09	0.12	0.06	0.04	0.05	0.17	0.09
500–749	0.15	0.08	0.06	0.06	0.23	0.11	0.17	0.07	0.06	0.06	0.21	0.12
750 or more	0.18	0.12	0.09	0.09	0.34	0.20	0.26	0.11	0.09	0.08	0.39	0.22
Percent of K–12 students in school who are of a racial/ethnic minority												
Less than 20	0.11	0.06	0.04	0.04	0.17	0.06	0.14	0.04	0.05	0.04	0.15	0.10
20 to 59.9	0.16	0.07	0.06	0.05	0.25	0.11	0.17	0.08	0.07	0.07	0.20	0.14
60 or more	0.17	0.11	0.08	0.07	0.26	0.17	0.19	0.09	0.07	0.07	0.27	0.18

See notes at end of table.

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Selected teacher and school characteristic	1999-2000						2003-04					
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Percent of school enrollment that is of limited-English proficiency												
Less than 5	0.10	0.05	0.04	0.04	0.14	0.05	0.12	0.05	0.04	0.04	0.16	0.07
5 to 19.9	0.17	0.13	0.09	0.10	0.32	0.22	0.22	0.11	0.09	0.09	0.33	0.19
20 or more	0.31	0.13	0.12	0.13	0.39	0.26	0.28	0.11	0.09	0.08	0.35	0.26
Percent of K-12 students in school who were approved for free or reduced-price lunch												
Less than 35	0.12	0.07	0.05	0.05	0.19	0.08	0.16	0.05	0.05	0.05	0.19	0.09
35 to 49.9	0.19	0.11	0.08	0.07	0.31	0.19	0.25	0.10	0.08	0.08	0.34	0.18
50 to 74.9	0.19	0.11	0.08	0.08	0.30	0.21	0.19	0.11	0.05	0.06	0.25	0.14
75 or more	0.25	0.13	0.09	0.09	0.31	0.16	0.23	0.11	0.09	0.09	0.34	0.21
Did not participate in program	0.40	0.25	0.19	0.22	0.73	0.29	0.65	0.55	0.36	0.18	1.16	0.49

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Charter Teacher Data File," 1999-2000; "Charter School Data File," 1999-2000; "Public Teacher Data File," 1999-2000 and 2003-04; "Public School Data File," 1999-2000 and 2003-04.