Table A1. Standard errors for Table 1: Percentage of kindergarten class of 1998-99 receiving special education in kindergarten, first, and third grade, by student and school characteristics: 1998-99, 1999-2000, and 2001-02

| Student or school                                     | Special<br>education<br>in at least<br>one grade | Among special education students               |              |              |  |  |  |   |                                  |                          |
|---|--|--|--------------|--------------|--|--|--|---|----------------------------------|--------------------------|
|   |  | Grade student first received special education |              |              | First received special education in kindergarten |  |  |   | Special education in first grade |                          |
|   |  | Kinder-<br>garten                              | 1st<br>grade | 3rd<br>grade | All three grades                                 | Kinder-<br>garten and<br>1st grade<br>but not<br>3rd grade | Kinder-<br>garten and<br>3rd grade<br>but not<br>1st grade | Kinder-<br>garten<br>but not 1st<br>grade or<br>3rd grade | 1st and<br>3rd grade             | 1st but not<br>3rd grade |
| All<br>students                                       | 0.58   | 2.62   | 2.20         | 2.70         | 3.68   | 2.61   | 2.81   | 3.54  | 3.81                             | 3.81                     |
| Student characteristics                               | 0.00   |  |              | 2.70         | 0.00   | 2.01   | 2.0.   | 0.04  | 0.01                             | 0.01                     |
| Sex   |  |  |              |              |  |  |  |   |                                  |                          |
| Male  | 0.82   | 2.60   | 2.45         | 2.73         | 3.58   | 2.75   | 3.02   | 3.92  | 4.82                             | 4.82                     |
| Female  | 0.64   | 4.20   | 2.98         | 3.63         | 5.28   | 4.16   | 4.11   | 5.25  | 4.52                             | 4.52                     |
| Race/ethnicity  |  |  |              |              |  |  |  |   |                                  |                          |
| White   | 0.67   | 2.63   | 3.26         | 3.18         | 4.64   | 2.60   | 3.14   | 3.85  | 4.50                             | 4.50                     |
| Black   | 1.33   | 5.29   | 4.78         | 5.03         | 8.71   | 7.93   | 7.41   | 7.04  | 9.76                             | 9.76                     |
| Hispanic Other/More than once race, non-              | 1.16   | 7.48   | 3.18         | 6.51         | 5.04   | 3.83   | 5.11   | 5.64  | 6.81                             | 6.81                     |
| Hispanic Poverty Status                               | 1.25   | 5.29   | 6.44         | 6.21         | 11.89  | 6.09   | 11.29  | 6.33  | 15.55                            | 15.55                    |
| Poor  | 2.26   | 5.51   | 4.61         | 5.88         | 10.68  | 8.71   | 12.98  | 6.27  | 9.87                             | 9.87                     |
| Nonpoor   | 0.52   | 3.06   | 3.04         | 3.48         | 5.13   | 3.15   | 3.52   | 4.66  | 5.11                             | 5.11                     |
| Changed poverty status                                | 1.17   | 4.46   | 3.29         | 4.11         | 8.27   | 4.35   | 4.11   | 9.37  | 7.80                             | 7.80                     |
| School characteristics<br>School type                 |  |  |              |              |  |  |  |   |                                  |                          |
| Public  | 0.64   | 2.77   | 2.27         | 2.71         | 3.84   | 2.60   | 2.99   | 3.65  | 3.81                             | 3.81                     |
| Private   | 0.65   | 8.04   | 6.45         | 8.11         | 13.52  | 6.08   | 6.23   | 12.08   | 21.96                            | 21.96                    |
| Changed school type                                   | 1.40   | 7.25   | 8.77         | 9.84         | 4.25   | 22.47  | †  | 21.91   | 24.77                            | 24.77                    |
| Urbanicity  |  |  |              |              |  |  |  |   |                                  |                          |
| Central city  | 0.76   | 4.51   | 4.38         | 4.42         | 5.53   | 4.58   | 5.26   | 5.55  | 10.56                            | 10.56                    |
| Urban fringe/large town                               | 0.85   | 3.99   | 2.70         | 3.82         | 7.16   | 4.72   | 4.80   | 4.21  | 7.07                             | 7.07                     |
| Small town/rural                                      | 1.47   | 6.27   | 6.24         | 5.21         | 4.16   | 4.72   | 3.71   | 6.37  | 5.84                             | 5.84                     |
| Changed urbanicity                                    | 2.13   | 6.73   | 5.75         | 7.85         | 7.40   | 10.40  | †  | 14.82   | 9.68                             | 9.68                     |
| Region <sup>1</sup>                                   |  |  |              |              |  |  |  |   |                                  |                          |
| Northeast   | 1.35   | 5.56   | 5.29         | 5.09         | 6.98   | 3.28   | 4.52   | 6.25  | 10.88                            | 10.88                    |
| Midwest   | 1.27   | 5.17   | 8.10         | 7.32         | 9.01   | 3.40   | 8.61   | 5.11  | 9.20                             | 9.20                     |
| South   | 0.88   | 3.25   | 2.87         | 3.63         | 6.18   | 4.26   | 4.71   | 4.55  | 5.10                             | 5.10                     |
| West  | 0.96   | 9.27   | 2.39         | 8.65         | 3.31   | 4.11   | 3.12   | 5.81  | 6.17                             | 6.17                     |
| National School<br>Lunch Program (NSL)<br>eligibility | 0.70   | 7.27   | 2.07         | 0.00         | 0.01   | 7.11   | 0.12   | 0.01  | 0.17                             | 0.17                     |
| 50 percent or more                                    | 1.09   | 4.31   | 3.56         | 3.90         | 7.41   | 5.10   | 6.20   | 5.47  | 6.14                             | 6.14                     |
| Less than 50 percent                                  | 0.73   | 3.24   | 3.93         | 3.72         | 4.54   | 2.99   | 4.38   | 5.53  | 5.73                             | 5.73                     |
| Changed NSL   | 1.10   | 4.95   | 3.21         | 4.50         | 5.51   | 4.33   | 2.81   | 5.01  | 7.48                             | 7.48                     |

<sup>†</sup> Not applicable.

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<sup>&</sup>lt;sup>1</sup> A "Changed region" row has not been included because there were too few cases in the sample for reliable estimates.

NOTE: Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K), "Special Education Teacher/Service Provider Questionnaire," spring 1999, spring 2000, and spring 2002.