

Overview

It has been more than a decade since researchers first realized the importance of including all students in statewide tests (McGrew, Thurlow, Shriner, & Spiegel, 1992; Zlatos, 1994). Since that time, much has changed with regard to accountability at the state, district, and school levels. Where schools once were required to base progress of students with disabilities only on individualized goals and accountability focused on school compliance with federal procedures, accountability now is driven by student performance on statewide tests (McLaughlin & Thurlow, 2003). Public reporting of state assessment participation and performance information has been tracked by the National Center on Educational Outcomes (NCEO) since 1997.

At the same time that researchers were recognizing that students with disabilities needed to be included in statewide assessments, legislation to require public reporting was moving in this direction as well. In 1994, the Elementary and Secondary Education Act (ESEA) required that students with disabilities be considered part of “all students” and thus be included in statewide tests and then measured against state standards. In 1997, the Individuals with Disabilities Education Act (IDEA) first required that states ensure that all students with disabilities participate in all state and district assessments. In 2001, ESEA was reauthorized as the No Child Left Behind Act (NCLB), which proposed specific guidelines for the participation of students and subgroups in statewide tests and also required states to publicly report student participation and performance for accountability (Fast, Blank, Potts, & Williams, 2002). The purpose of this was to ensure that all students achieve proficiency by 2013–2014. This was followed most recently by the reauthorization of IDEA (2004) as the Individuals with Disabilities Education Improvement Act. It required that states ensure that all students with disabilities “are included in all general State and districtwide assessment programs, including assessments described in section 1111 of the ESEA, 20 U.S.C. 6311, with appropriate accommodations and alternate assessments, if necessary, and as indicated in their respective IEPs.” As in IDEA 1997, IDEA 2004 requires that:

The State educational agency (or, in the case of a districtwide assessment, the Local educational agency) makes available to the public, and reports to the public with the same frequency and in the same detail as it reports on the assessment of nondisabled children, the following:

- (i) The number of children with disabilities participating in regular assessments, and the number of those children who were provided accommodations in order to participate in those assessments.
- (ii) The number of children with disabilities participating in alternate assessments described in subparagraph (C)(ii)(I).

(iii) The number of children with disabilities participating in alternate assessments described in subparagraph (C)(ii)(II). (Section 612(a)(16)(D))

Since NCLB was passed, there has been an increase in the number and type of reports that states provide to the public. When comparing the 2000–2001 school year to 2001–2002 school year, the number of states that publicly reported participation and performance data increased from 28 to 35 (Thurlow & Wiley, 2004; Thurlow, Wiley, & Bielski, 2003). In 2002–2003, this number further increased to 36 states (Wiley, Thurlow, & Klein, 2005). The number of states that reported participation and performance information for their alternate assessment has also shown increases. More specifically, 22 states reported this information in 2001–2002 while 29 reported it in 2002–2003 (Thurlow & Wiley, 2004; Wiley et al., 2005).

Some writers have suggested that most states are able to demonstrate performance improvements in all subgroups, except for students who are learning English and students with disabilities (Schwartzbeck, 2003). Because of this perception, as well as the NCLB requirement, it is crucial that we continue to follow the methods of publicly reporting information on students with disabilities.

The 2003–2004 school year is the second year that states are required to report on the performance of students with disabilities on their state math and reading assessments based on state standards. This report marks the eighth in a line of NCEO reports that document state public reporting policies. In addition, this report is the first to include the unique states (i.e., American Samoa, Bureau of Indian Affairs, Commonwealth of Marianna Islands, District of Columbia, Guam, Palau, Puerto Rico, Republic of the Marshall Islands, Micronesia, Virgin Islands). Additionally, the 2003–2004 school year may be when some states have had time to revise their tests and accountability systems to be more in line with the tenets of NCLB. This report will seek to illuminate these changes as well as discuss the common ways in which states are reporting these results to the public.

Method

We began our search for information by reviewing every state’s Department of Education Web site as well as the Web sites for the 10 unique states (i.e., American Samoa, Bureau of Indian Affairs, Commonwealth of Marianna Islands, District of Columbia, Guam, Palau, Puerto Rico, Republic of the Marshall Islands, Micronesia, Virgin Islands). We began collecting data in September 2004 and collected information for the 2003–2004 school year. We recorded the names of the assessments that were administered and documented whether participation and performance information was reported for students with disabilities. We also examined the way in which participation was reported and whether participation and performance information

were reported for students who took the test with accommodations. By September 2004, a large percentage of the states had already posted their 2003–2004 assessment data online in a way that made the data easy to locate and understand.

On February 4, 2005, we mailed a letter to each state director of assessment outlining our findings from the state’s Web site (Appendix A). We asked them to review our findings, correct any misinformation, and provide the public document or Web site where the correct information was available. We asked that they send us these changes by February 28, 2005. Many states directed us to a Web page that we had not found in our search. While a few sent paper copies of information, we were able to find this information on state Web sites as well. Several states gave us dates by which they expected their disaggregated assessment results to be posted. Overall, we received responses from 42 directors of assessment.

To ensure that our findings were as accurate as possible, we followed up these efforts with a letter to each state’s director of special education (Appendix B). These letters were mailed on May 12, 2005. The letters asked the directors to review our findings and make any changes by June 9, 2005. For states that had already provided a response from the director of assessment, we noted that in the letter by stating that “these results were verified by your state’s director of assessment, but if you have anything to add, please let us know.” For states whose director of assessment did not respond, we sent the same letter to the director of special education as we had sent to the director of assessment. In a few cases where we had been able to verify some of the information sent to us by the director of assessment, we sent a personalized letter documenting what information we still needed. These letters were sent out to the directors of special education on June 2, 2005, and changes were due back by June 17, 2005. Of the 50 states and 10 unique states to which we sent letters, 27 responded with either corrections or to verify that the information that we had was correct.

Finally, there were still four states for which we had not heard back from either the director of assessment or the director of special education. For three of these states we had found information on students with disabilities for all their regular and alternate assessments. For the other state, results were reported annually at the district level, but not the state level.

It should be noted that in three cases, personnel indicated that information was publicly available on request. When this occurred, we attempted to obtain this information. In cases where substantial effort was extended to obtain participation or performance data, but we could not obtain the document, the information was not considered publicly reported.

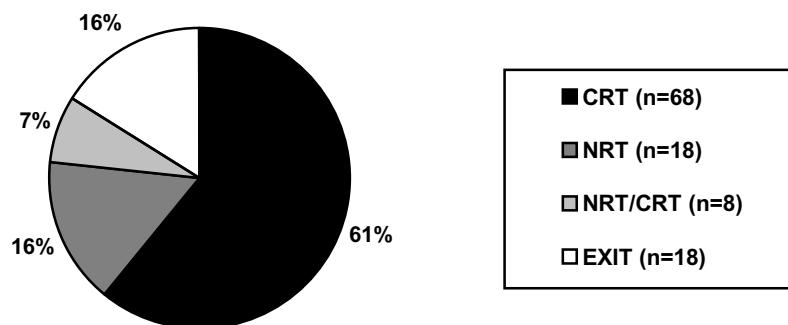
Characteristics of State Assessment Systems

Appendix C lists all the state mandated general assessments that we identified for the 50 states

and the 10 unique states. This list includes the state, the name of the test, the grades and content areas tested, and whether the state had publicly available disaggregated participation and performance data for students with disabilities for their 2003–2004 state assessments. For the 50 states, we identified 112 separate statewide tests. Thirty–five states had more than one general assessment. For the unique states, six separate assessment systems were found and no state gave more than one assessment.

Because very little information was available from the unique states, the following results include only information from the 50 states. Figure 1 breaks down the 112 testing systems by type: norm-referenced tests (NRT), criterion-referenced tests (CRT), exit tests used as a gate for graduation or earning a particular type of diploma (EXIT), and tests that combined standardized NRTs with additional state-developed test items (NRT/CRT). While we recognized that many exit exams may also be NRTs, CRTs, or both, the high stakes consequences for students of these exit exams indicated a need to create a separate category for these tests.

Figure 1. Types of General Assessments (n=112)



Criterion-referenced tests (CRTs) comprised 61% of all the assessments that states administered in 2003–2004. In fact, only eight states (Delaware, Florida, Indiana, Iowa, Missouri, Montana, New Mexico, and South Dakota) did not administer a separate CRT, though six of those states administered a test with both CRT and NRT components (only Iowa and Montana administered only an NRT). Norm-referenced tests comprised 16% of the tests and exit exams also comprised 16% of tests administered. These numbers are similar to the 2002–2003 assessment pattern, in which 58% of tests were CRTs, 18% were NRTs, and 18% were exit exams (Wiley et al., 2005).

States Reporting Disaggregated 2003–2004 General Assessment Data for Students with Disabilities

Figure 2 summarizes the different ways in which general assessment data were reported in all 50 states. Overall, 70% percent of states reported disaggregated participation and performance information on students with disabilities for all their assessments, 4% percent reported performance for all assessments but not participation data, 22% percent reported participation and performance information for some assessments, and 4% percent did not report any disaggregated information.

Figure 2. States that Disaggregate Assessment Results for Students with Disabilities

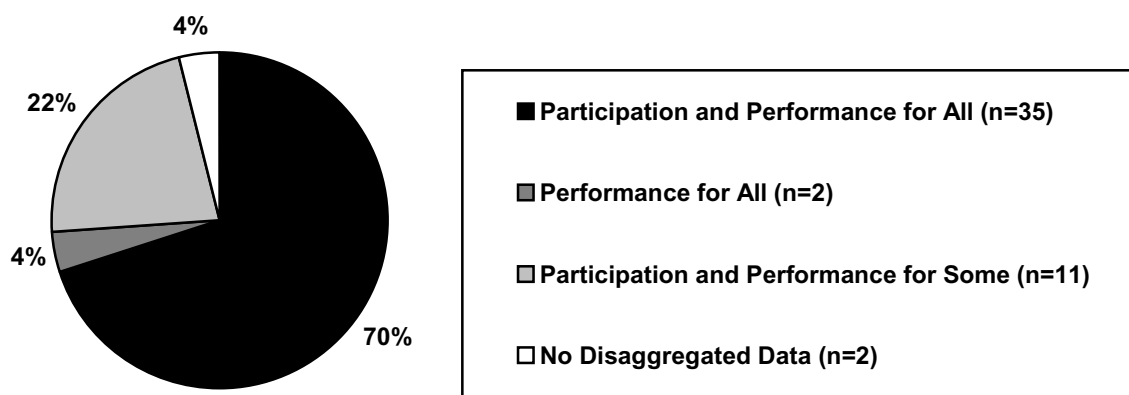


Figure 3 indicates which of the 50 states reported their data in each of the four ways shown in Figure 2. States that reported disaggregated data for students with disabilities at the state level generally reported results at the district and school level, too.

Figure 4 shows the states that reported participation and performance data for the tests that they include in their statewide accountability systems. Only a subset of assessments in many states are part of their No Child Left Behind accountability system. When we examined just the NCLB assessments, we found that 44 states reported participation and performance for students with disabilities on *all* of these assessments. Although this is more than the number of states reporting information on all the assessments given in a state, it is still not all of them. As evident in Figure 4, the states that do disaggregate for all accountability assessments are spread across the U.S. and have both small and large populations. The states that reported disaggregated 2003–2004 data for their general assessments did so regardless of whether they had just one assessment or multiple assessments (i.e., 25 of the 45 had more than one assessment included in their accountability system), and regardless of whether they tested in just a few grades or in as many as 10 grades.

Figure 3. States that Reported 2003–2004 Disaggregated Results for Students with Disabilities

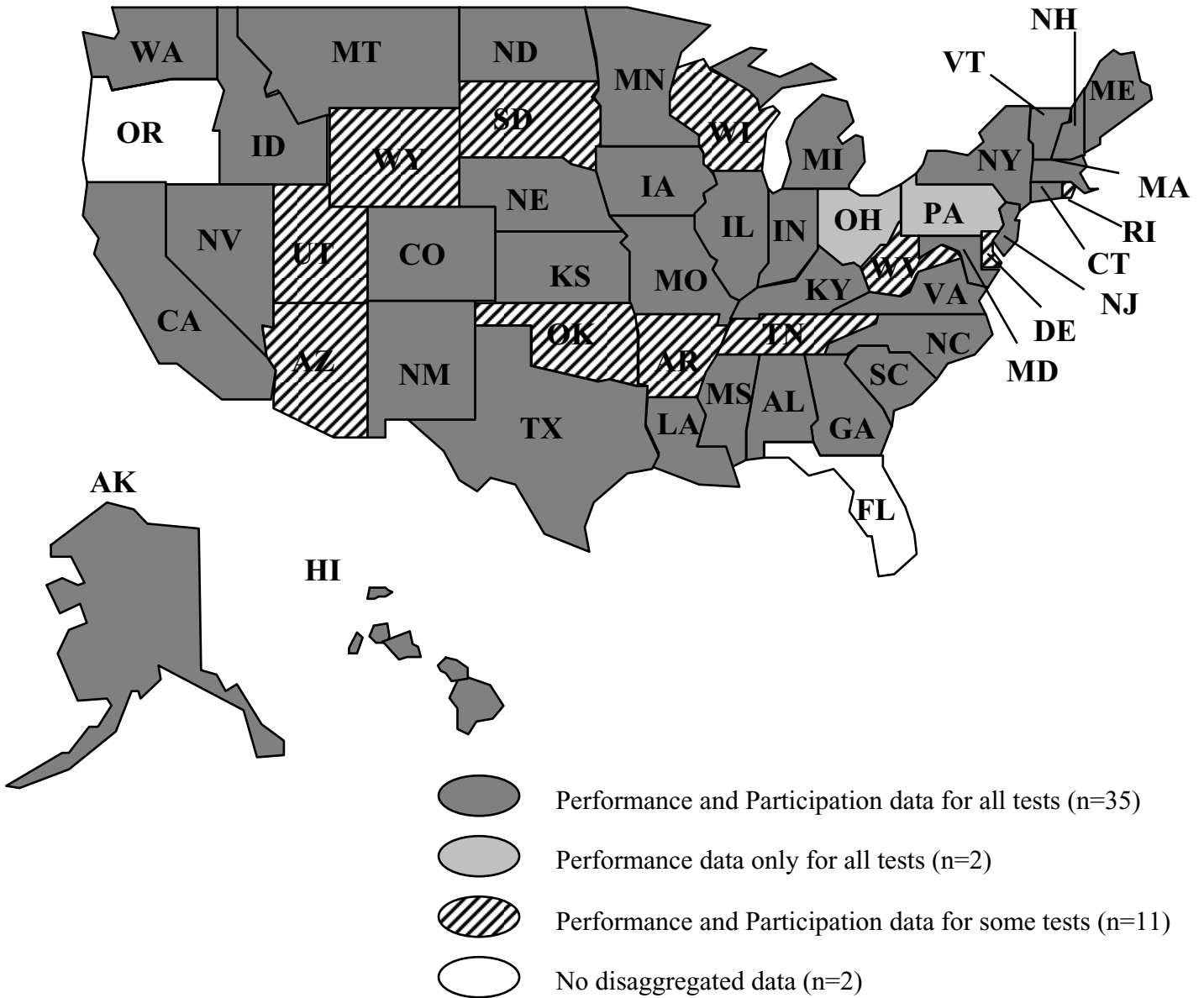
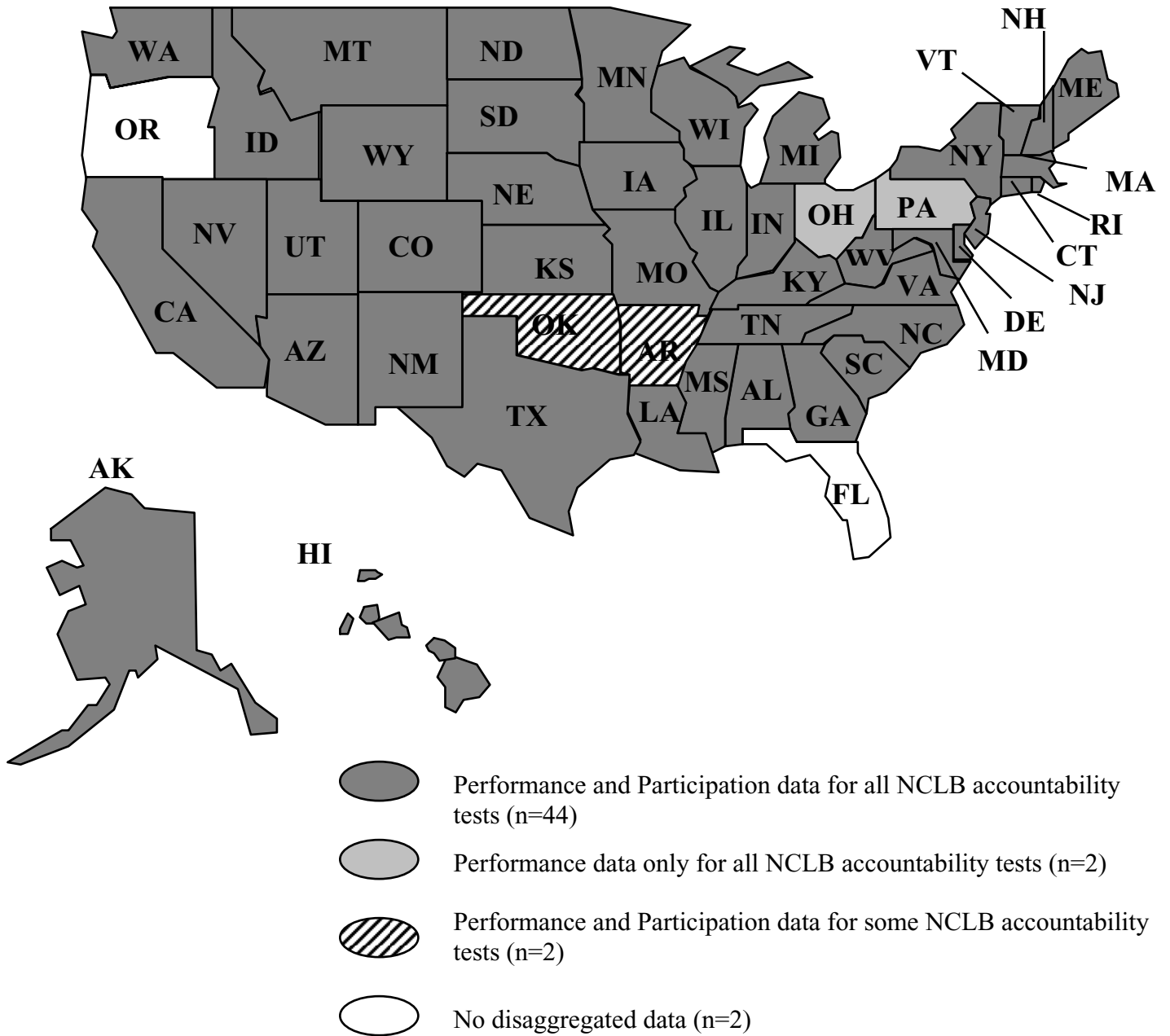


Figure 4: States that Reported 2003–2004 Disaggregated Results for Students with Disabilities in their NCLB Accountability Systems



Of the two states that reported participation and performance information for some of their accountability assessments, Oklahoma was only missing data on one test. Furthermore, Florida indicated that all of its data were available on request. For those states that only reported performance results, Pennsylvania reported participation at the district and school level. Of those that did not report disaggregated information at the state level, Oregon reported disaggregated information at the district level.

Unique States Reporting Information on their General Assessments

As noted earlier, this report is the first to include unique states in the analysis of publicly reported information for students with disabilities. Because many of the unique states did not have information that was found to be publicly reported, we will only briefly mention them here. Table 1 contains a summary of the unique states and whether they reported participation or performance information on students with disabilities. Of the ten unique states, only two states publicly reported disaggregated information on the participation and performance of students with disabilities on statewide assessments: the Bureau of Indian Affairs (BIA) and the District of Columbia. It is noteworthy that students who are part of the BIA live throughout the United States and do not take the same assessment. Rather, these students participate in the assessment systems of the state in which they live.

Almost all of the unique states administer a Norm-Referenced Test. The only unique state to administer a Criterion-Referenced Test is Palau. In looking at the reporting practices of the District of Columbia and the Bureau of Indian Affairs, both report the number of students with disabilities who participate in statewide assessments. BIA also reports the percentage of students tested.

Table 1: Unique States that Report Disaggregated Participation and Performance Data for Students with Disabilities

State	Disaggregated Special Education Data	
	Participation	Performance
American Samoa	No	No
Bureau of Indian Affairs	Yes	Yes
Commonwealth of the Northern Mariana Islands	No	No
District of Columbia	Yes	Yes
Federated States of Micronesia	No	No
Guam	No	No
Palau	No	No
Puerto Rico	No	No
Republic of the Marshall Islands	No	No
Virgin Islands	No	No

States Reporting 2003–2004 Alternate Assessment Data for Students with Disabilities

As shown in Figure 5, results from our Web searches and mailings revealed that 33 regular states publicly reported both participation and performance results at the state-level for their alternate assessment. An additional two states reported participation only, and one state reported only performance information. Fourteen states (i.e., 28% of all states) did not report any type of information about their alternate assessment. However, 66% of states did report both participation and performance for their alternate assessment, which is an increase over 58% in the 2002–2003 school year.

Figure 5. Information States Reported for their Alternate Assessments

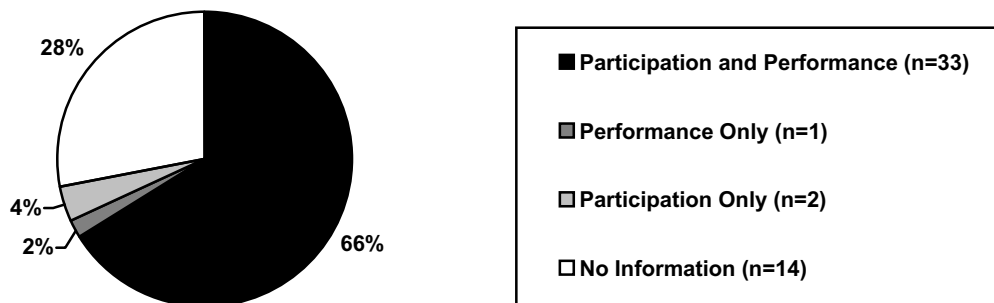


Figure 6 illustrates which states reported alternate assessment participation and performance data. There is no obvious geographic pattern to the states that did not report alternate assessment data.

Assessment Participation in 2003–2004

General Assessment Participation Results

The way in which participation data for students with disabilities was reported varied among the states shown to provide it (Appendix D). Figure 7 illustrates the number of assessments with disaggregated participation data and how those participation data were reported. Information is presented in terms of the number of assessments for which participation data were available, not in terms of the number of states. For example, in Alabama there are four assessments and each is counted separately. We used this approach because not all states report participation in the same way across assessments. For example, one state might report only a count of students tested for one assessment, but for another assessment it might report a count tested, a percent tested, and a percent not tested.

Figure 6. States Publicly Reporting State-Level Data for the 2003–2004 Alternate Assessment

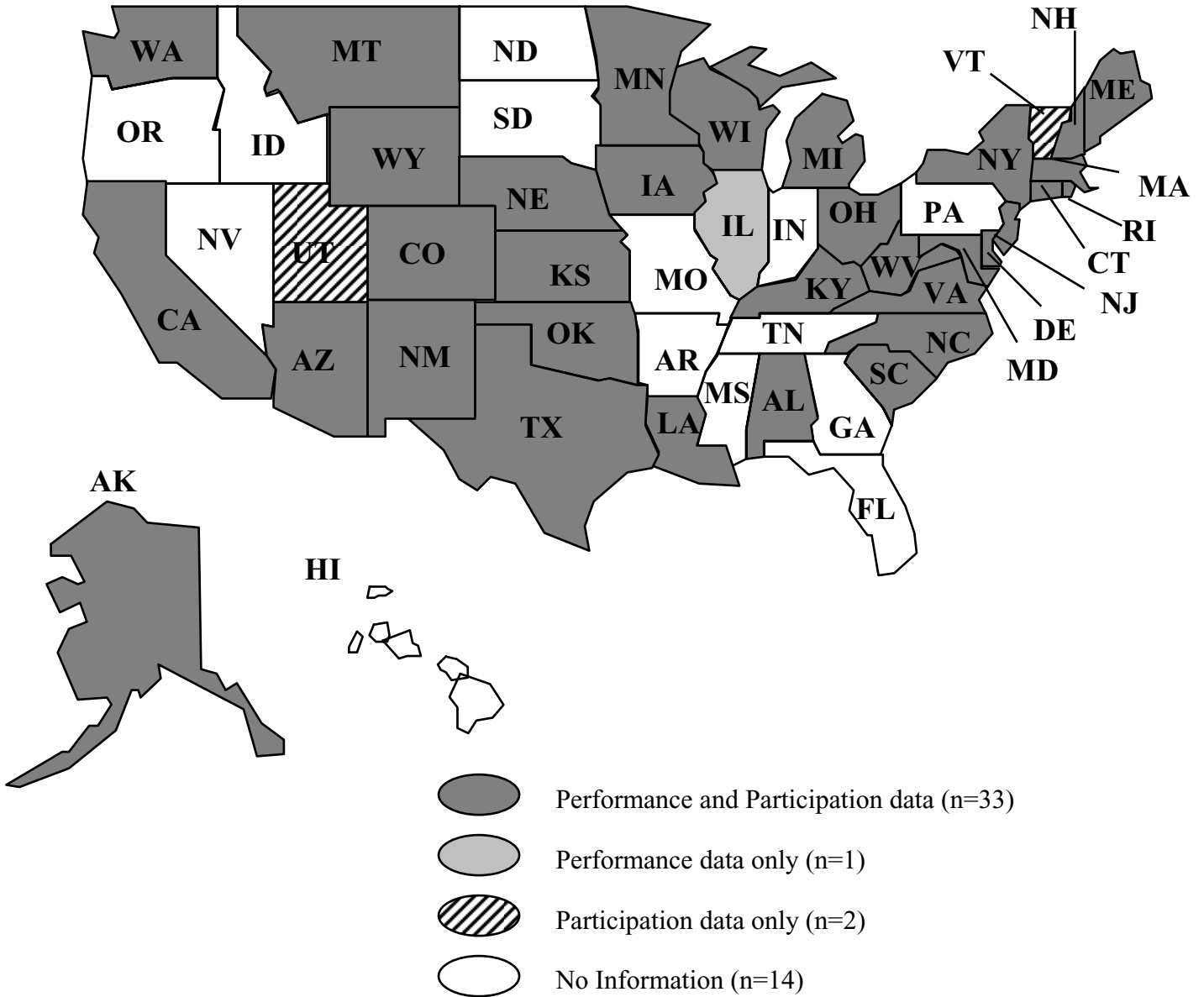
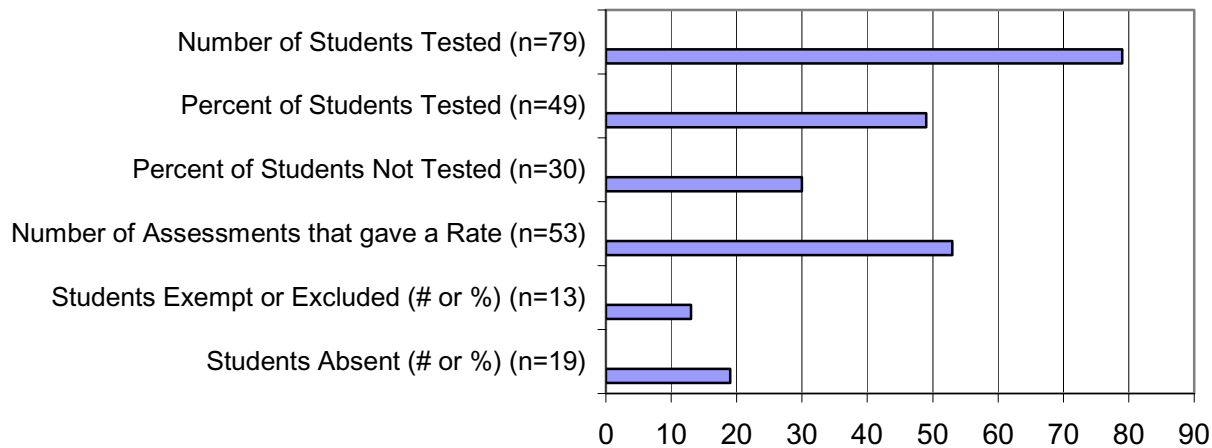


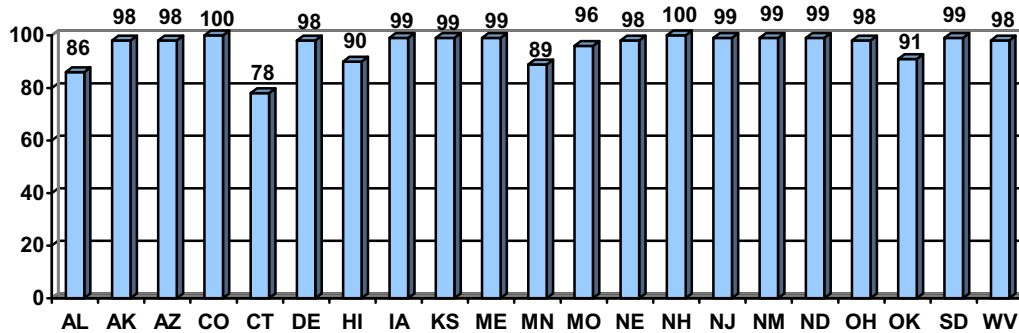
Figure 7. Participation Reporting Approaches for General Assessments (Number of Tests = 89)



Reporting a percentage of students tested is more informative than just reporting the number of students tested, although there are good reasons to report both the number and the percentage. Thirty-four states (53 assessments total) reported either the percent of students tested or the percent not tested for at least one of their assessments, which is an increase from the 27 that reported rates in 2002–2003. For 49 assessments, the percent of students tested was given, and for 30 assessments, the percent of students not tested was given (though these numbers are not mutually exclusive). Seventy-nine assessments provided the number of students tested, making this the most frequent way of reporting participation data. The number or percent of students who were exempt or excluded from assessments was given for 13 tests and the number or percent of students absent was given for 19 tests.

Figure 8 illustrates the participation rates reported in those states for which there was clear participation rate information reported. Though the percentage of students tested or not tested was given for 53 assessments, those assessments came from only 34 states. While it may have been possible to calculate participation rates for other states as well, using information that was reported about student enrollment and the number of students tested, we did not take the extra step to do the math calculations. This is because we were concerned about the information that was readily available. However, if the state did provide only the percentage of students not tested, we did report the percentage of students tested in the table. It is important that states report the percentage of students tested, in addition to just a count, because this presents a more accurate picture of how many students are participating. These rates should ideally be based on the school enrollment on the day of testing (Ysseldyke, Thurlow, Langenfeld, Nelson, Teelucksingh, & Seyfarth, 1998). Using the December 1st Child Count data is also an acceptable option if test day enrollment is not available.

Figure 8. Percentages of Students with Disabilities Participating in Middle School General Assessments in Those States with Clear Participation Reporting of Rates



To summarize participation rate information, we selected one grade to portray in Figure 8. In most states, participation in the middle school/junior high school math test was used. If the state tested in more than one grade in the middle school level, the 8th grade test data were used. Appendix E contains information about the tests and exact grades used for Figure 8. Percentages in the figure are rounded to the nearest whole number. Not all states provided data broken down in this way. In nine states (i.e., Illinois, Kentucky, Massachusetts, Michigan, New York, North Carolina, Rhode Island, Virginia and Wisconsin), the data were given for the math test but the grade levels were all aggregated. In California, a rate was provided but it was number of students with disabilities tested out of all students rather than a percent of students with disabilities who were tested. In Idaho, a percent of participation was given for the elementary reading assessment that was not included in this analysis. It is important to note that results in Figure 8 were obtained from different types of tests that were being used in these states. Nevertheless, during this 2003–2004 academic year, participation rates ranged from 78% to 100% and 16 out of the 21 states had participation rates of 95% or higher.

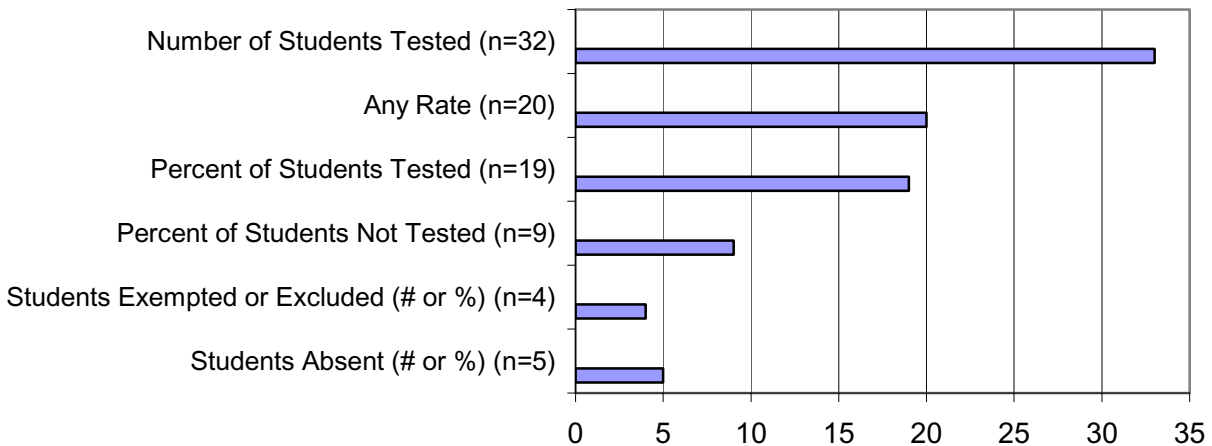
Alternate Assessment Participation Results

Figure 9 illustrates how states reported participation for their alternate assessment. Much greater participation information was provided this year (2003–2004) compared to the previous testing year. Appendix F outlines in more detail all the ways that information is reported. Thirty-five states provided participation information for their alternate assessments. All states provided information on just one alternate assessment except for North Carolina which provided information on two alternate assessments. For Figure 9, North Carolina is reflected as one state and all of the ways that participation data were reported in the two alternates were counted.

Similar to reporting for the regular assessment, the most common way of reporting participation information for the alternate assessment was to give the number of students tested. This was done

by 32 states; 20 states gave a rate, which was either the percent of students tested, not tested, or both. Four states provided the number or percent of students who were exempt or excluded, and five states provided either the number or percent of students who were absent.

Figure 9. Participation Reporting Approaches for Alternate Assessments (Number of States = 32)



Twenty states provided a rate of either the percent of students tested or the percent not assessed in their alternate assessments. These rates are shown in Figures 10, 11, and 12. Appendix G provides more details about the grades and content areas included in the figures. When possible, we tried to use rates from 8th grade math. We divided this information into three figures because there were three different ways in which participation data were presented by states. Six states gave the percent of students assessed out of the total number who were eligible/recommended to take the alternate assessment (Figure 10). North Carolina administered two alternate assessments (NC-1 indicates the AAI and NC-2 indicates the Portfolio Assessment), and both of these are shown in Figure 10.

Eight states provided information on the percent of students assessed on the alternate assessment out of all the students enrolled (see Figure 11). Finally, five states provided information about the number of students who participated in the alternate assessment out of all students with disabilities (see Figure 12). Three states (Iowa, Illinois, Wisconsin) included alternate assessment participation with other general assessments. Because these percentages also reflect the participation of students with disabilities in the general assessments, they are not included here.

Figure 10. Percentages of Students with Disabilities Assessed with the Alternate Assessment Out of the Total Number of Students Recommended/Eligible for the Alternate Assessment

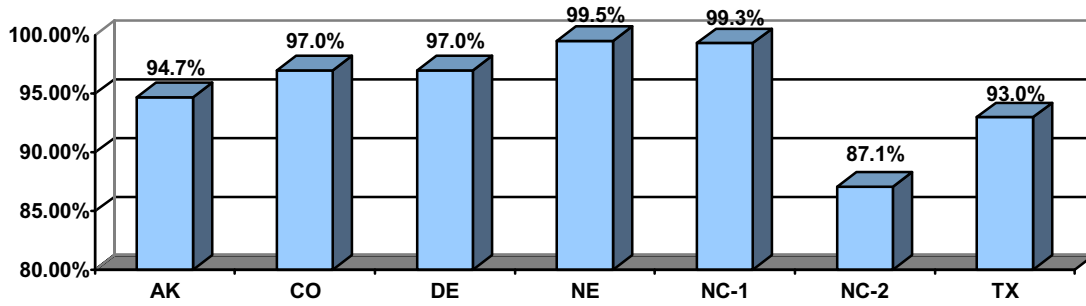


Figure 11. Percentages of Students with Disabilities Assessed with the Alternate Assessment Out of the Total Number of Enrolled Students

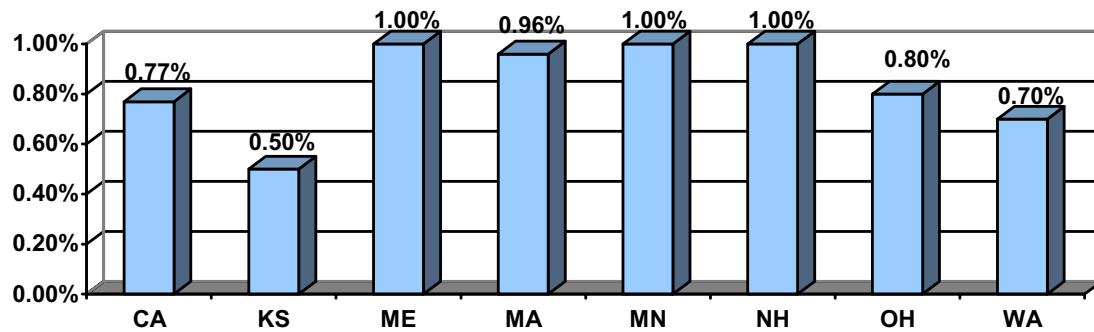
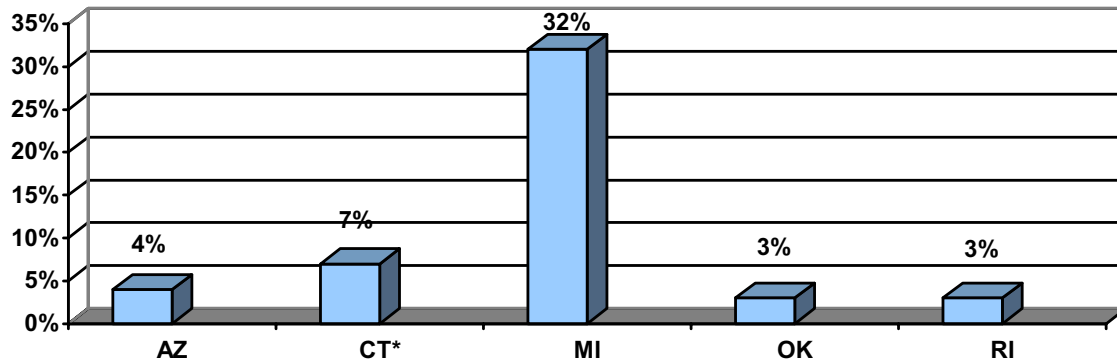


Figure 12. Percentages of Students with Disabilities Assessed with the Alternate Assessment Out of the Total Number of Students with Disabilities



Other Information Collected for 2003–2004

In our analysis of state reporting for 2003–2004, we looked at additional characteristics of states’ publicly reported information. Specifically, we looked at information available on accommodations used, and if available, performance when accommodations were used. We also examined the quality of Web-based reporting.

Accommodations

Sixteen states provided state-level information about students who took an assessment with an accommodation. In some cases, states reported on standard accommodations (those considered to not change the constructs measured by the assessment), in other cases they reported on nonstandard accommodations (which generally were considered to change the constructs measured—and might be referred to as “non-allowed”—although IEP teams could select them), and in other cases they reported on both or did not specify which.

Table 2 describes the information the 16 states provided. Appendix H contains additional information about the data provided by these states, with details about the participation and performance of students in each category that the state provided. New Mexico indicated that accommodation results are available on request. Four states reported student participation and performance by specific accommodation (e.g., directions read orally, braille, extended time), whereas twelve states provided only overall information on students who, in general, used accommodations.

Quality Analysis of Web-based Reporting

As we analyzed the participation and performance reporting on states’ Department of Education Web sites, it became evident that some states presented data in a much more accessible format than others. Because assessment data are reported on the Web in most states, it is crucial that these data be clear and easy to access. We examined the quality of the states’ reporting on their Web sites. It is important to note, however, that because Web sites are frequently updated, it is possible that some of our findings no longer hold true.

Several states (e.g., California, Connecticut, Washington, and Wisconsin) used drop down menus that allowed an individual to select the test, year, grade, and status of students of interest. The Web site then displayed a chart of the data scores in question. In some cases, these charts were relatively easy to understand and provided a way of assessing how the test was scored and what percentage of students attained satisfactory scores. Other states provided the percentage of students attaining a given score, but it was not clear which set of scores constituted satisfactory completion of the test (e.g., New York for the Regents Competency Test). Several states

Table 2. States that Reported State-Level Information about Accommodations for Reading or Math

State	Standard/Non-standard Accommodation	Participation	Performance	For whom
Arizona	Standard and Non-standard	Yes	No	SWD
Colorado*	Standard	Yes	Yes	ALL
	Non-standard	Yes	No	ALL
Iowa	Non-standard	Yes	No	SWD
Indiana	Standard	Yes	Yes	SWD & ALL
Kansas	Not specified	Yes	No	SWD & ALL
Kentucky	Standard	Yes	Yes	SWD
Louisiana*	Standard	Yes	Yes	ALL
Maine	Not specified	Yes	No	SWD
Michigan	Standard & Non-standard	Yes	Yes	ALL
Missouri*	Not specified	Yes	Yes	SWD
Nebraska	Not specified	Yes	No	SWD & ALL
North Carolina*	Standard & Non-standard	Yes	Yes	ALL
Ohio	Standard	Yes	Yes	SWD & ALL
Oklahoma	Non-standard	Yes	No	SWD
Rhode Island	Non-standard	Yes	No	SWD
Wyoming	Standard & Non-standard	Yes	No	SWD

Note: SWD = Students with disabilities.

* Report by specific accommodation.

** For New Mexico, information can be requested.

had written summaries of their state’s test results (e.g., Colorado, Massachusetts, Ohio, and Oklahoma). Others had PowerPoint slides that contained some of the participation and performance information (e.g., Oklahoma). In several cases, states directed us to the state’s Annual Performance Report (APR). This report provides information on a variety of aspects of how states serve students with disabilities, including some of the information addressed in this report (e.g., participation and performance of students on general and alternate assessments, the use of accommodations).

Assessment Performance in 2003–2004

General Assessment Performance Results

We examined the performance of all students, and then the performance of students with disabilities. When examining performance across states, it is important to remember that state tests are different, both in terms of content and proficiency levels. The tests may emphasize different standards and are likely to differ in difficulty. In addition, there may be variability across states in the percentages of students with disabilities whose scores are reported. Thus, it is not appropriate to compare performance across states. It is possible, however, to examine the performance differences within each state between all students and students with disabilities.

Performance results are reported for both reading and math assessments because these content domains are the ones assessed by most states and are the content areas required first by NCLB to be assessed, reported, and included in accountability. For greater comparability in what we report, and because states are now moving away from norm-referenced tests toward wider use of criterion-referenced tests, we only report performance on CRTs. We also report performance on exit exams that students are required to pass to graduate from high school with a standard diploma.

We separated grade levels into three categories: elementary (3–5), middle school (6–8), and high school (9–12). For our summary, we chose to present only one grade for each level. When available, 4th grade was used to represent the elementary level, 8th grade to represent the middle school level, and 10th grade to represent the high school level. These grades were chosen because they are the grades at which the greatest number of states test students. If data from those grades were not available, the grade below was used, followed by the remaining grade if no other data were available. The number in the parenthesis next to the state’s name indicates the grade from which the data were obtained. Appendix I reports the name of the test we used and the grade.

Although most states reported the performance of all students and then the performance of subgroups, such as students with disabilities, some states did not report the performance of *all* students. When these data were not available, the performance of general education students was given. Because the performance of general education students as a group may be slightly higher than the performance of all students as a group, we have indicated those states with “all students” actually based only on general education students by an asterisk after the name of the state.

It should further be noted that one state (Vermont) only provided subtest scores on its assessments. In this case, subtest scores for reading skills and math basic understanding are reported. States were dropped if they only reported aggregated scores across grades. Thus, Rhode Island is not reflected in any of the figures because it provided only aggregated data across grades for its students with disabilities. Additionally, some states aggregated across a particular group of grades. For example, West Virginia aggregates across the elementary, middle, and high school grades. These scores are included but identified by using “EL” for elementary aggregation, “MS” for aggregation across the middle school grades, and “HS” for aggregation across high school.

Reading Performance

Figures 13–15 present the reading performance of students. The performance of students with disabilities in reading is generally much lower than the performance of all students. There are a few instances where the percentage of students with disabilities scoring proficient was higher than the percentage of all students scoring proficient. Both Arizona and Georgia reported higher rates of proficient elementary students with disabilities in reading compared to all students.

The gaps in performance are variable, with few evident patterns. Gaps between students with disabilities and general education students increased with grade level.

Mathematics Performance

Performance of all students and students with disabilities on states' 2003–2004 mathematics assessments is shown in Figures 16–18. The figures cover elementary, middle, and high school. The same cautions apply to these figures as applied to the reading figures.

As shown in Figures 16–18, the gap between students with disabilities and all students on math assessments is quite similar to the gap found for reading assessments. The gap for math assessments exists in all states and varies considerably from state to state. Generally, the gap increases by grade level. Students with disabilities typically perform lower when compared to either regular education or all students. However, there are a few instances where this is not the case. At the elementary level, there are two instances where a higher percentage of students with disabilities achieved proficiency when compared to all students at that grade level (Georgia and Virginia).

Figures 19 and 20 show the results of high school reading and math exit exams. States administer exit exams in different grades. The number in the parenthesis next to the state's name indicates the grade from which the data come. If the exit exam incorporates multiple high school grades, this is indicated by "HS."

Only those states that report disaggregated results for students with disabilities are included in these figures. These results reflect only the first administration of the exit exam. States offer multiple retest opportunities for their exit exams, and the percent passing increases with each retest. Often the gaps between general and special education students become very small on retesting. New York offers two exit exams: the Regent's Comprehensive Exam and the Regent's Competency Test. The Regent's Competency Test is a "safe harbor" assessment implemented only for students with disabilities and those who received special education services in previous years. However, New York provides a percentage of students who passed both tests. This percentage is presented in Figures 19 and 20.

Figure 13. Elementary School Reading Performance on Criterion-Referenced Tests

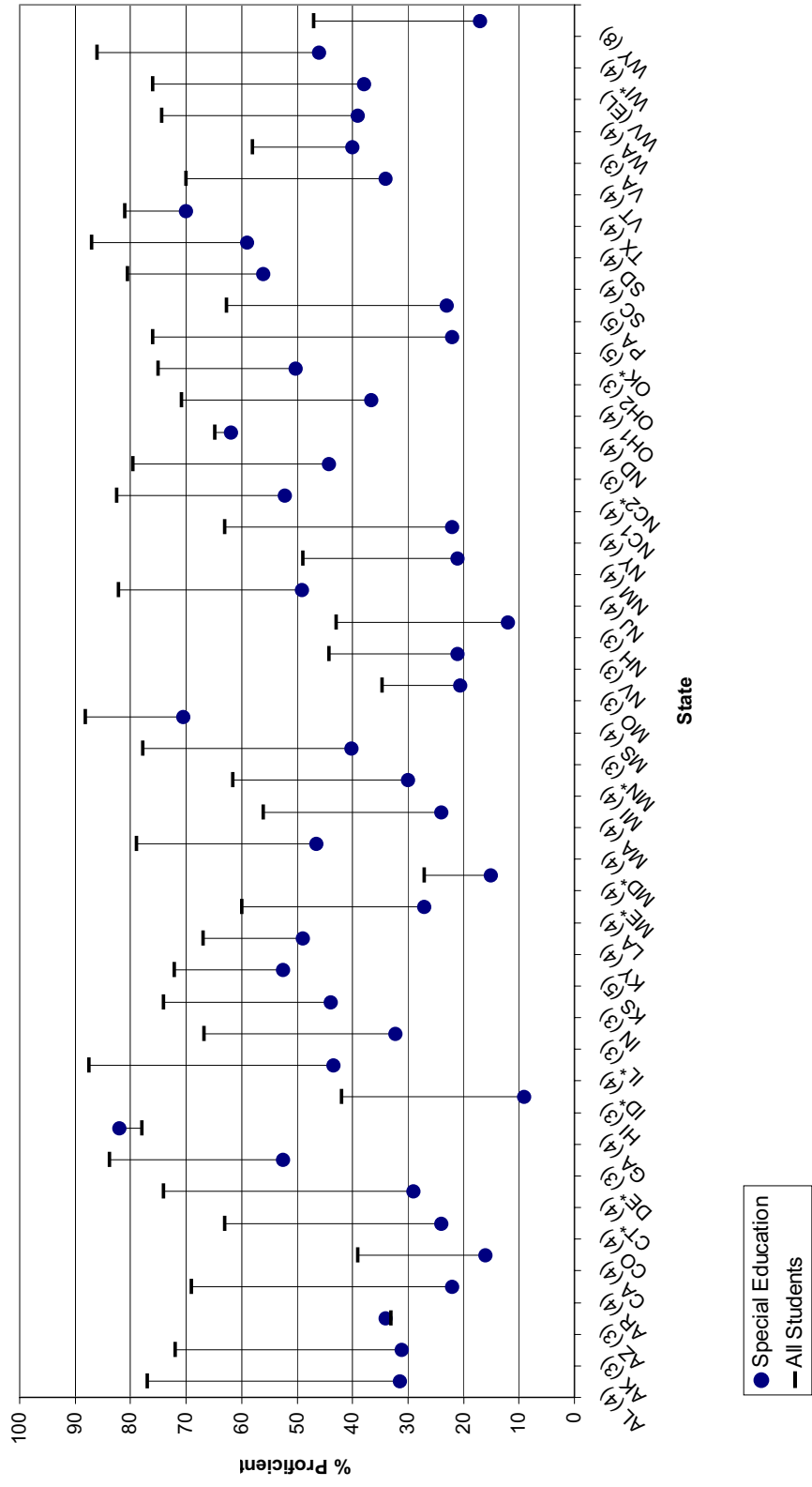


Figure 14. Middle School Reading Performance on Criterion-Referenced Tests

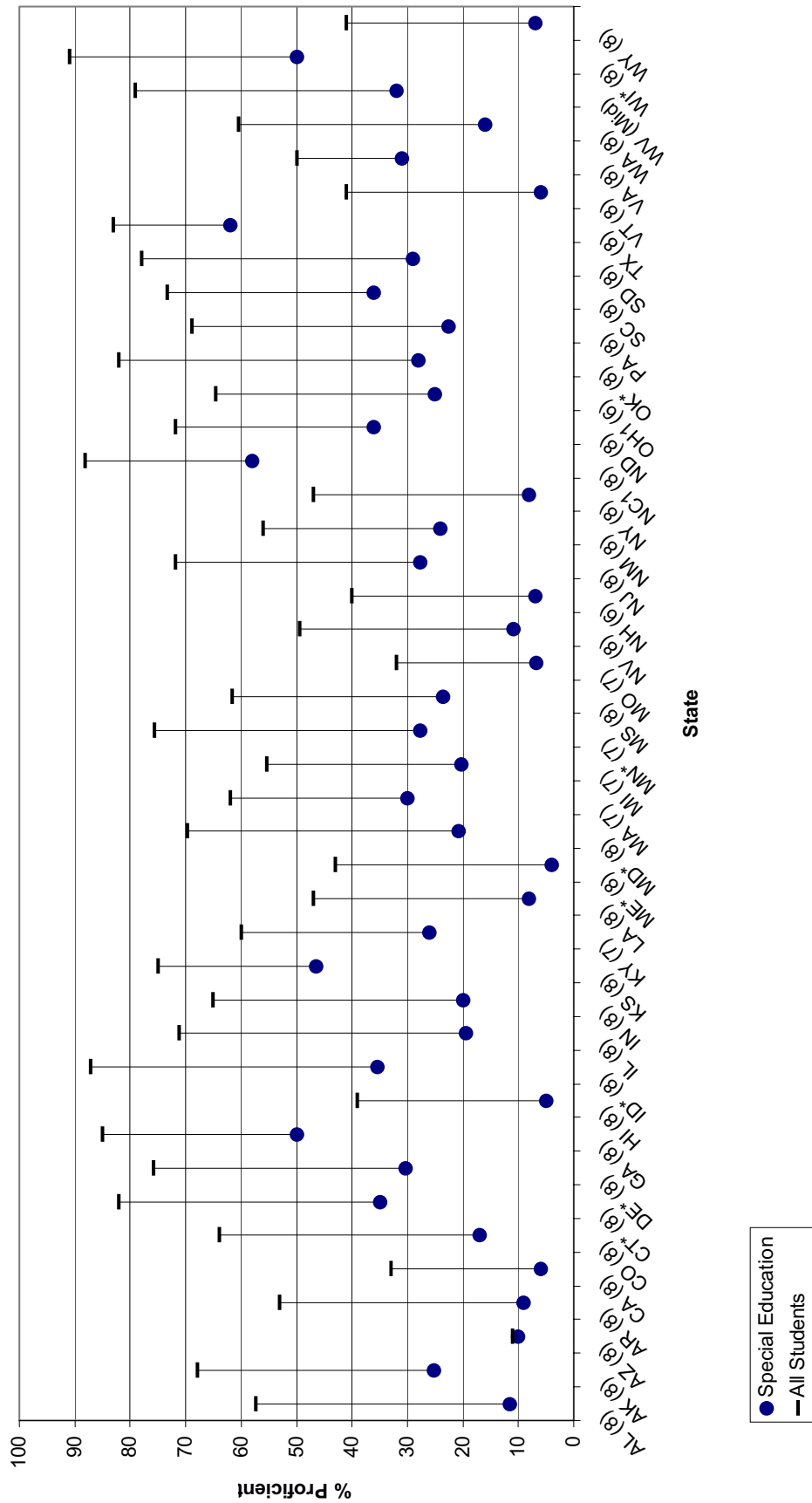


Figure 15. High School Reading Performance on Criterion-Referenced Test

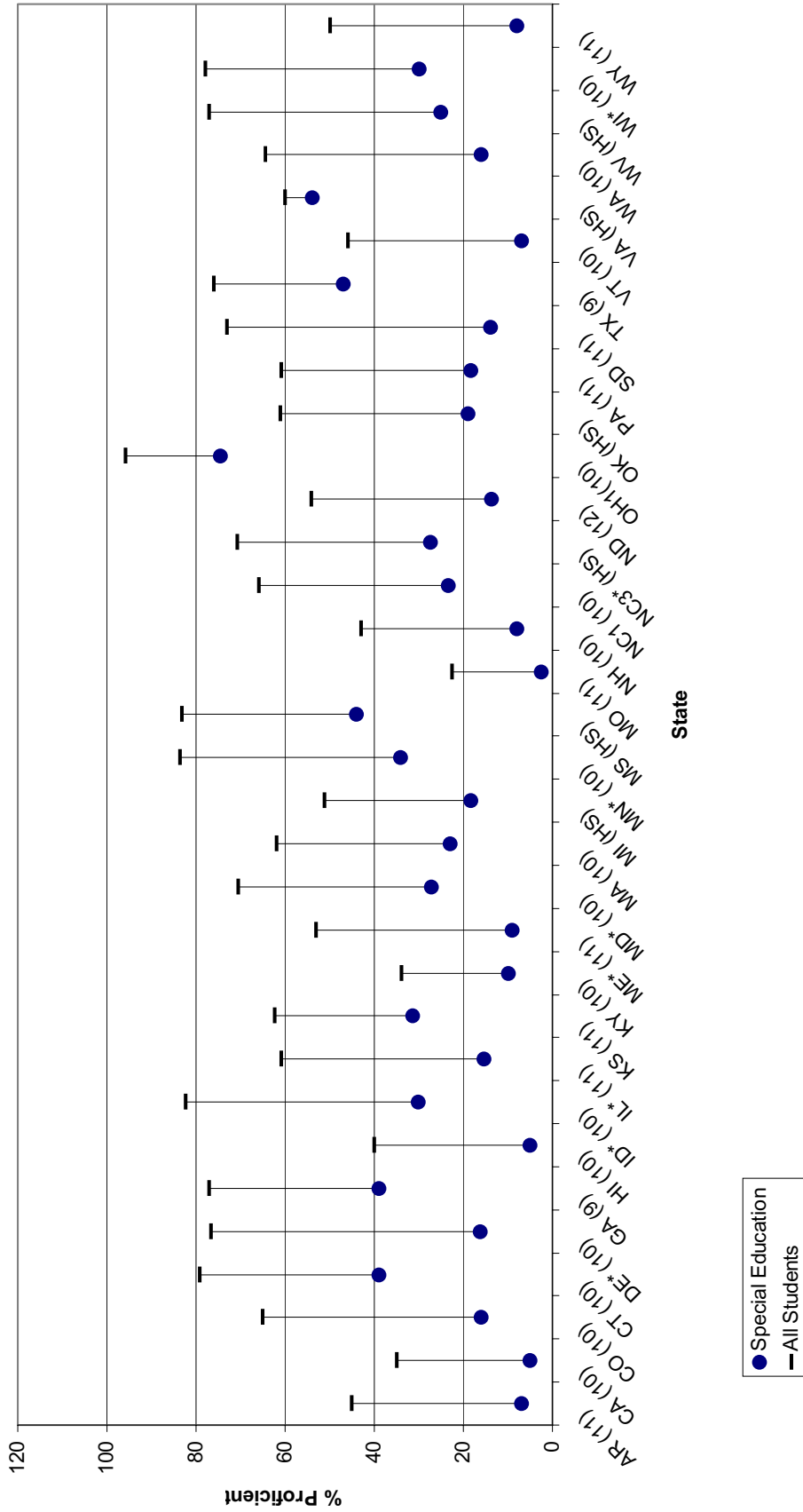


Figure 16. Elementary School Mathematics Performance on Criterion-Referenced Tests

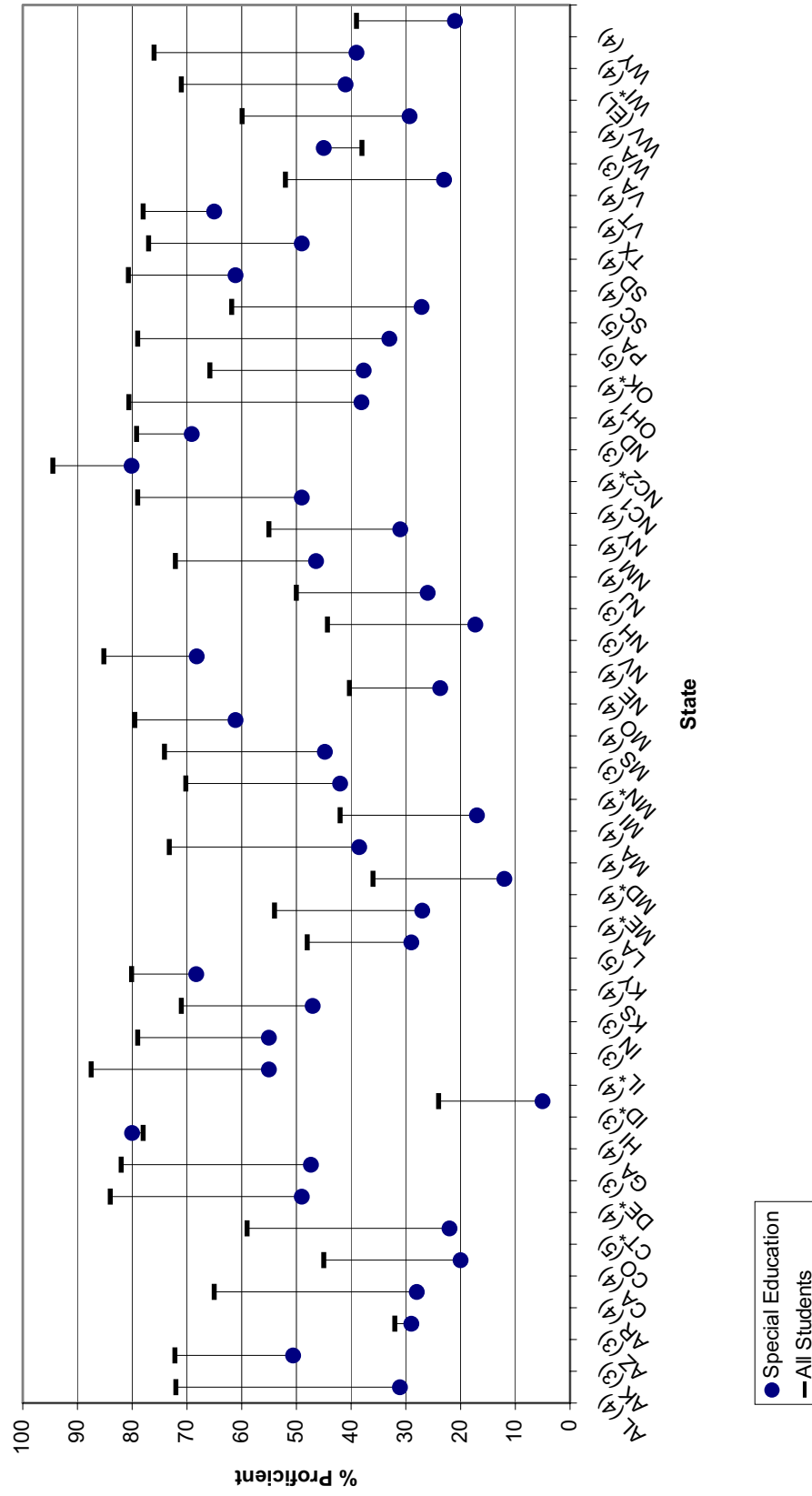


Figure 17. Middle School Mathematics Performance on Criterion-Referenced Tests

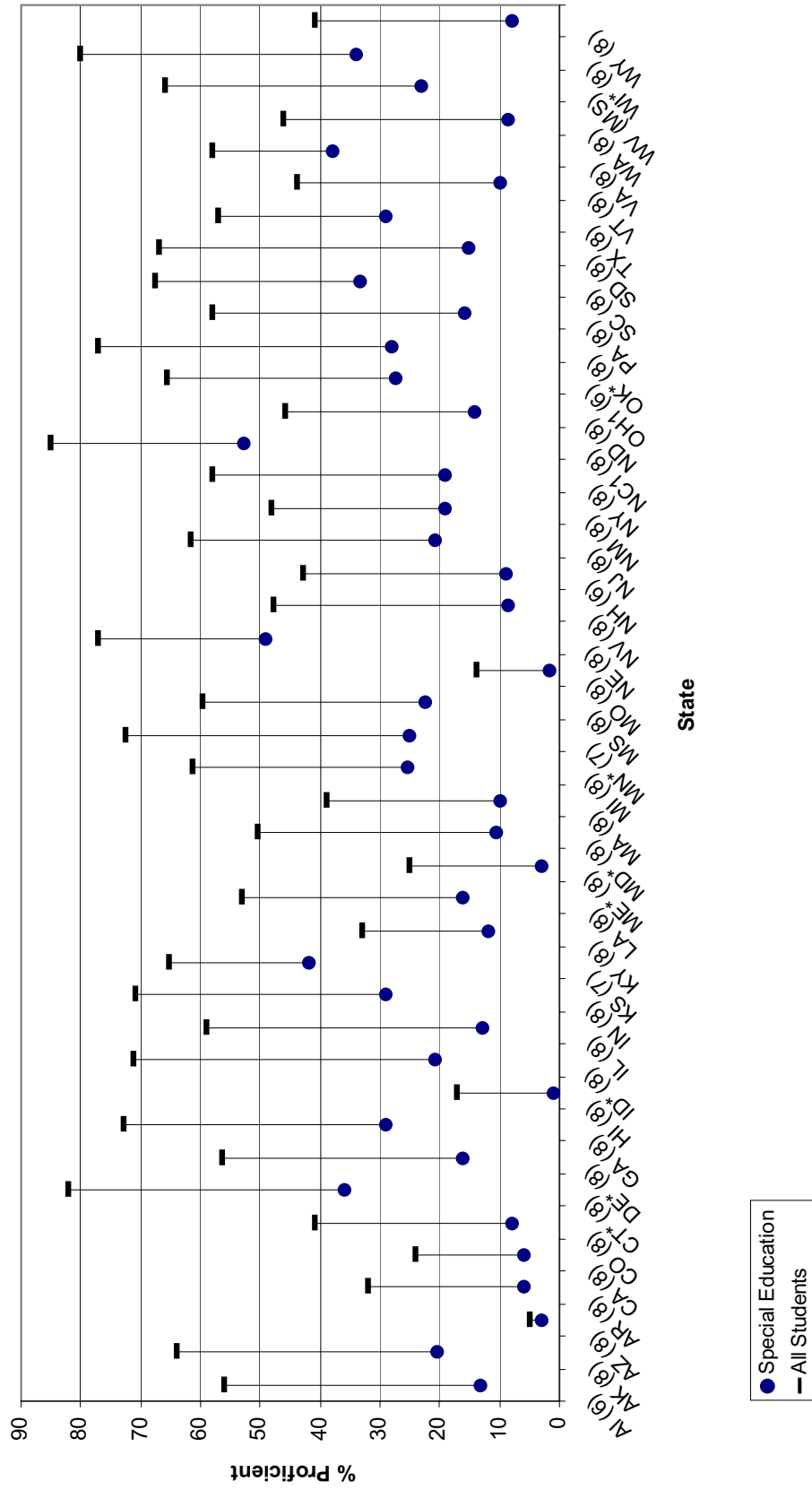


Figure 18: High School Mathematics Performance on Criterion-Referenced Tests

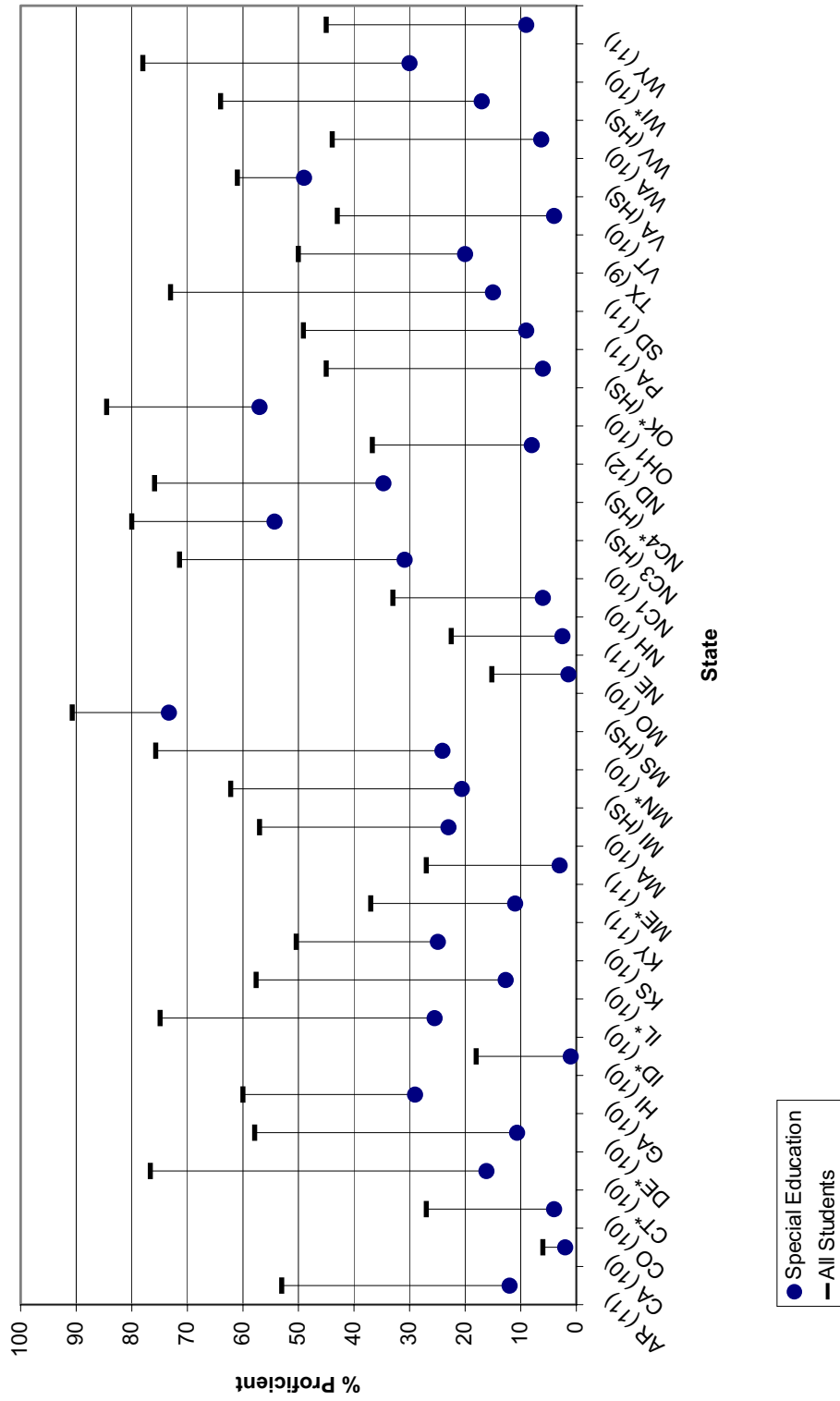


Figure 19. Percent Passing Minimum Competency/High School Reading Exit Exam

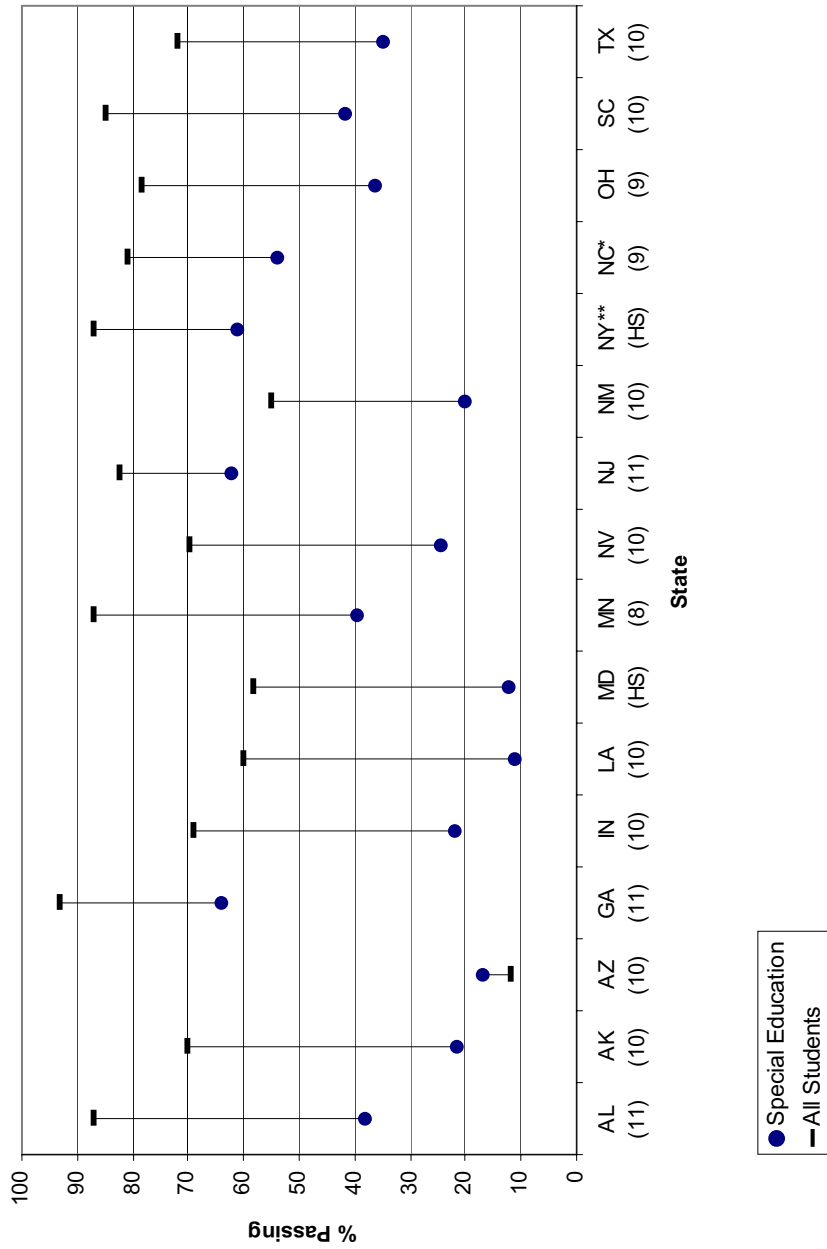
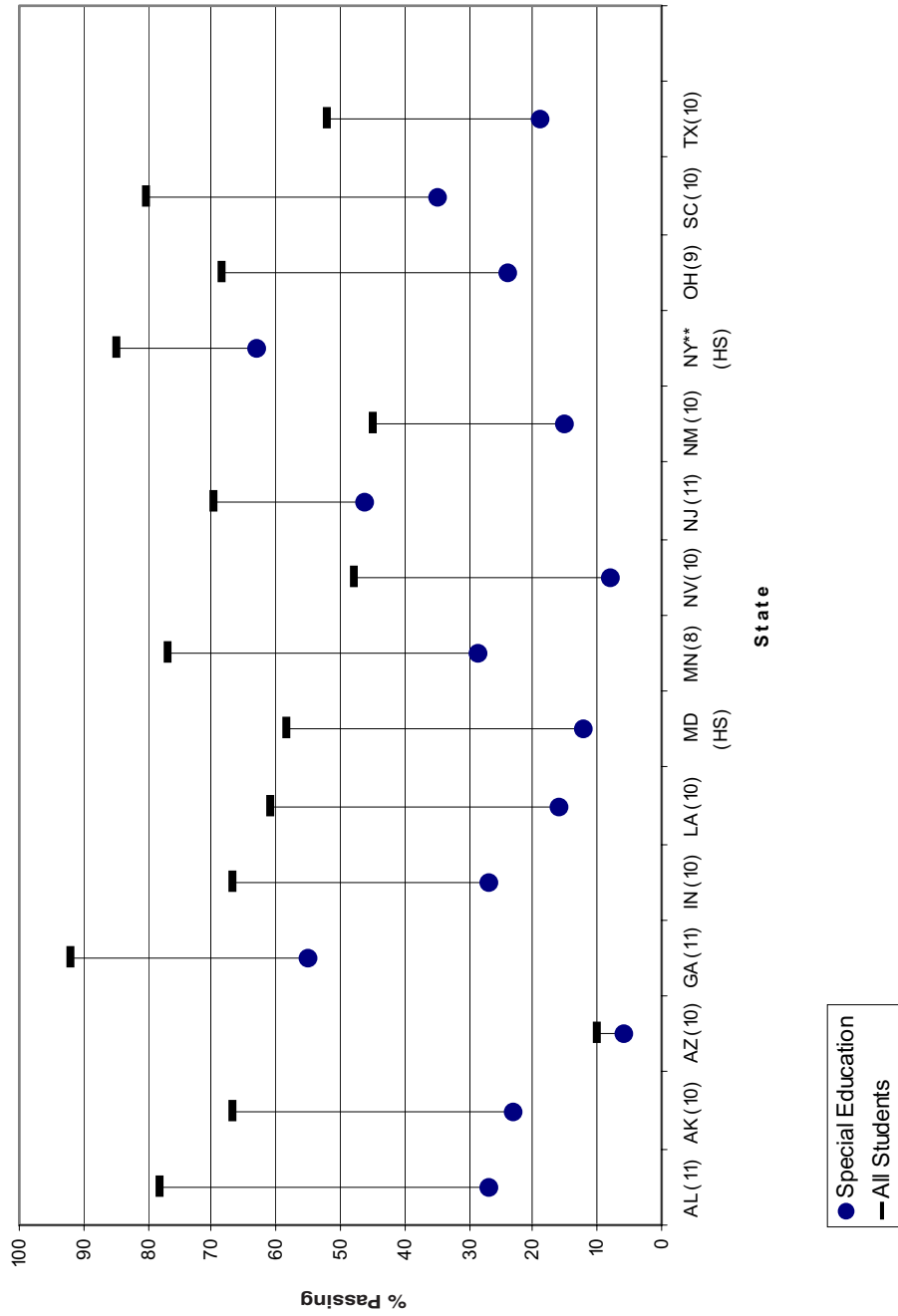


Figure 20. Percent Passing Minimum Competency/High School Mathematics Exit Exam



The figures presented here for first administration show that large gaps exist for exit exams, though the percent of students passing the exit exams varies widely by state. The data have to be viewed in light of unique state policies about the ways in which students can earn proficient scores. In some states, such as Arizona for example, students can pass the assessment with a lower score than students without disabilities.

Assessment Performance: Trends

As part of an earlier analysis (Thurlow et al., 2003), we examined the performance of students with disabilities for states that had at least three years of publicly reported data. In light of the changes that were brought about by NCLB, we decided to examine states that reported six years of data using the same assessment. In 2000–2001, 13 states had publicly reported information on their statewide tests for three years for both math and reading (California, Delaware, Indiana, Kentucky, Louisiana, Maryland, Minnesota, Missouri, New Jersey, New York, Texas, Utah, and Washington). Colorado reported three years of information only for the reading test and Kansas reported information only for the math test. In 2003–2004, 11 states have six years of publicly reported information on their statewide tests (California, Colorado, Delaware, Indiana, Kansas, Kentucky, Louisiana, Missouri, New Jersey, New York, and Washington). Similar to the previous report, we have six years of information for Colorado for the reading test and from Kansas for the math test. Texas and Maryland were no longer included because they had changed their tests. Minnesota, which did not report performance information in 2002–2003 (Wiley et al., 2005) and Utah, which aggregated its performance information across all grades in 2003–2004, also could not be included in the six year analyses.

Reading Tests

Figures 21–23 show the percentages of students with disabilities achieving proficiency on state assessments at the elementary, middle, and high school levels. In general, it appears that for elementary school students with disabilities a higher percentage of students are achieving proficiency in reading in the later years. A few states have some spikes or drops (California, Louisiana), but it may be that tests were being adjusted with the passage of NCLB.

At the middle school level, it appears that most states had a higher percentage of students achieving proficiency in 2001–2002. The exceptions are California and Louisiana. At the high school level, a much smaller percentage of students achieved proficiency, but this number gradually increases in later years.

Figure 21. Six-Year Trends of the Percentage of Elementary Students with Disabilities Who Achieved Proficiency on Statewide Reading Exams

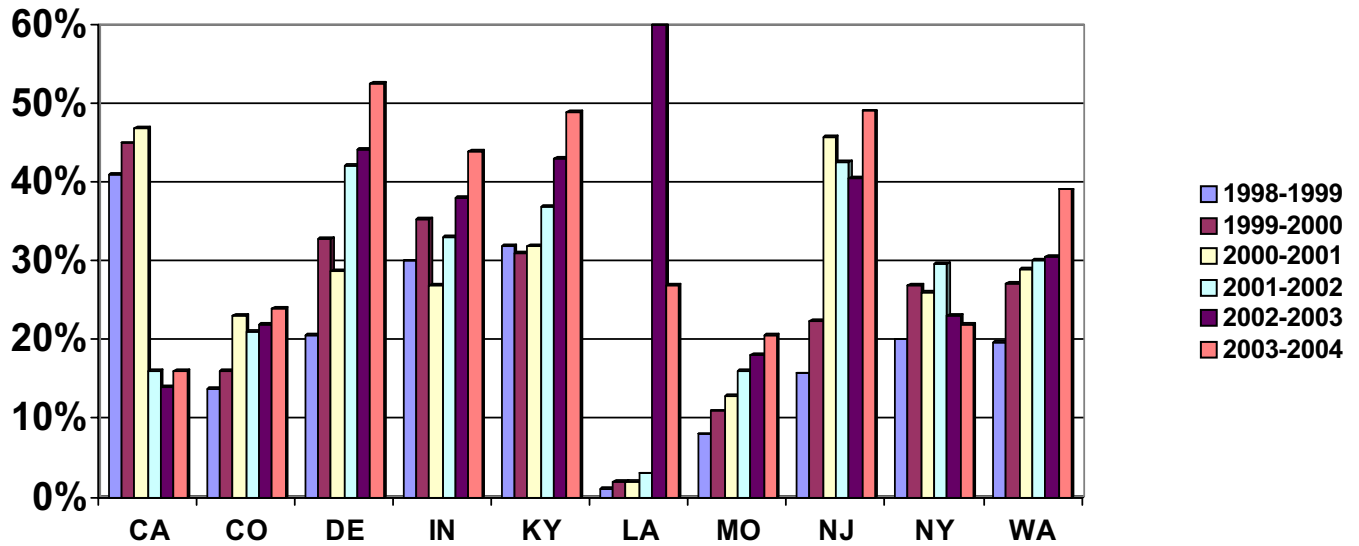


Figure 22. Six-Year Trends of the Percentage of Middle School Students with Disabilities Who Achieved Proficiency on Statewide Reading Exams

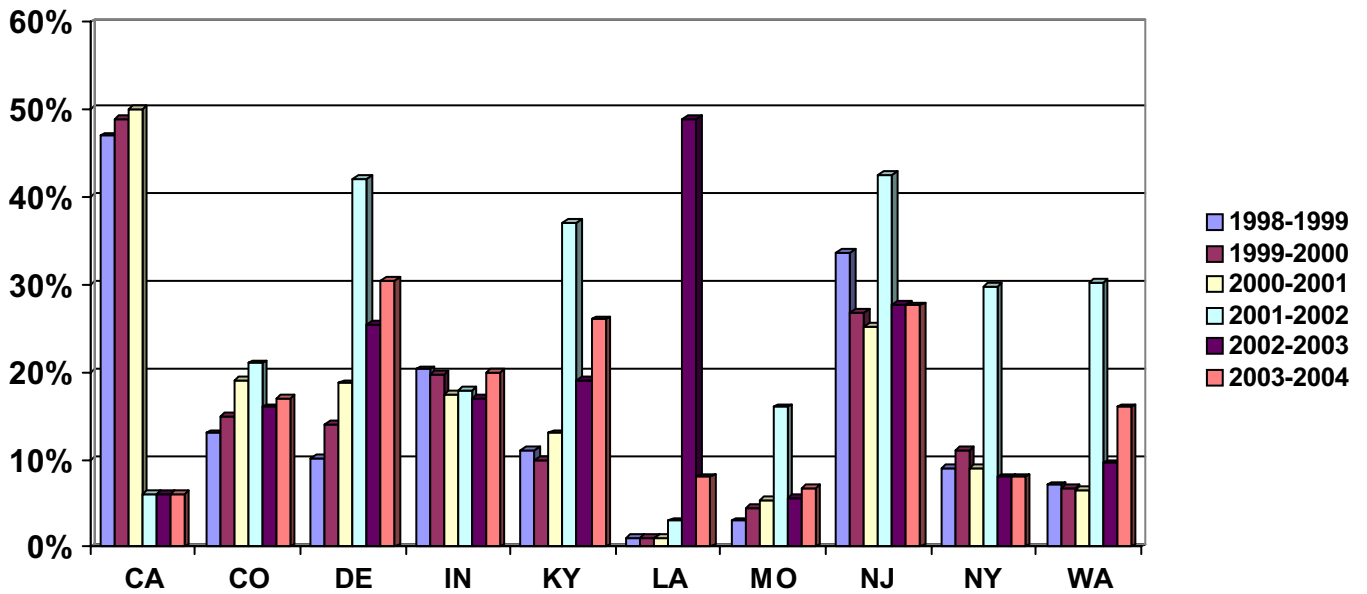
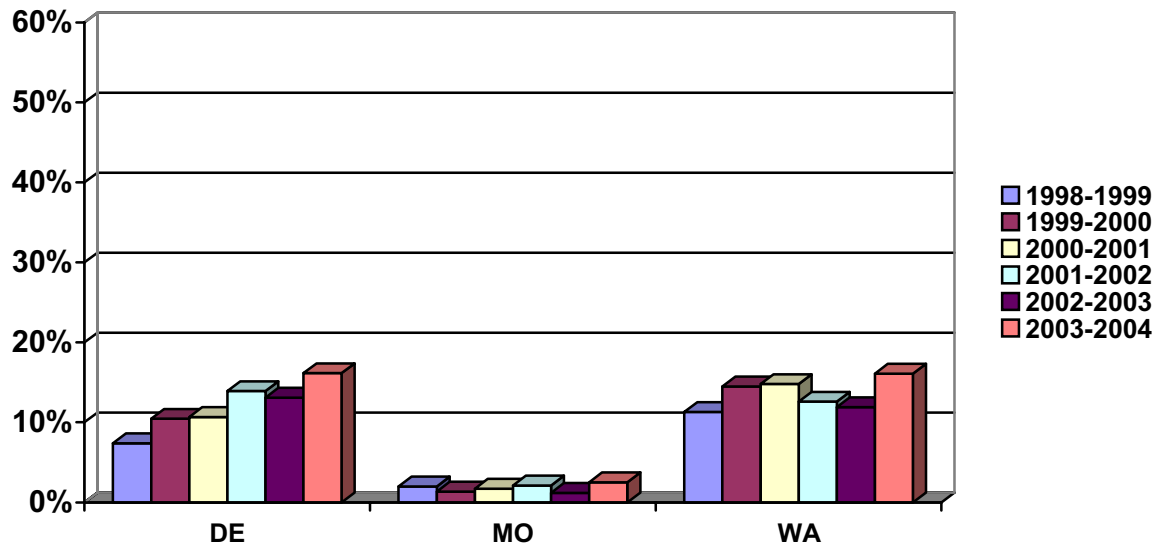


Figure 23. Six-Year Trends of the Percentage of High School Students with Disabilities Who Achieved Proficiency on Statewide Reading Exams



Math Tests

Figures 24–26 show the percentages of students with disabilities achieving proficiency on state assessments at the elementary, middle, and high school levels for math. In general, it appears that for elementary school students with disabilities a higher percentage of students are achieving proficiency in math in later years, particularly when comparing the years after NCLB was passed. A few states have some spikes or drops (California, Louisiana), but it may be that tests were being adjusted with the passage of NCLB.

A similar pattern can be observed at the middle and high school level as well. Again, California and Louisiana have spikes prior to 2003–2004, but this may be the result of changes in the test. When comparing the 2001–2002 school year to 2003–2004, and with the exception of Louisiana, students with disabilities are achieving a higher level of proficiency in 2003–2004.

Figure 24. Six-Year Trends of the Percentage of Elementary Students with Disabilities Who Achieved Proficiency on Statewide Mathematics Exams

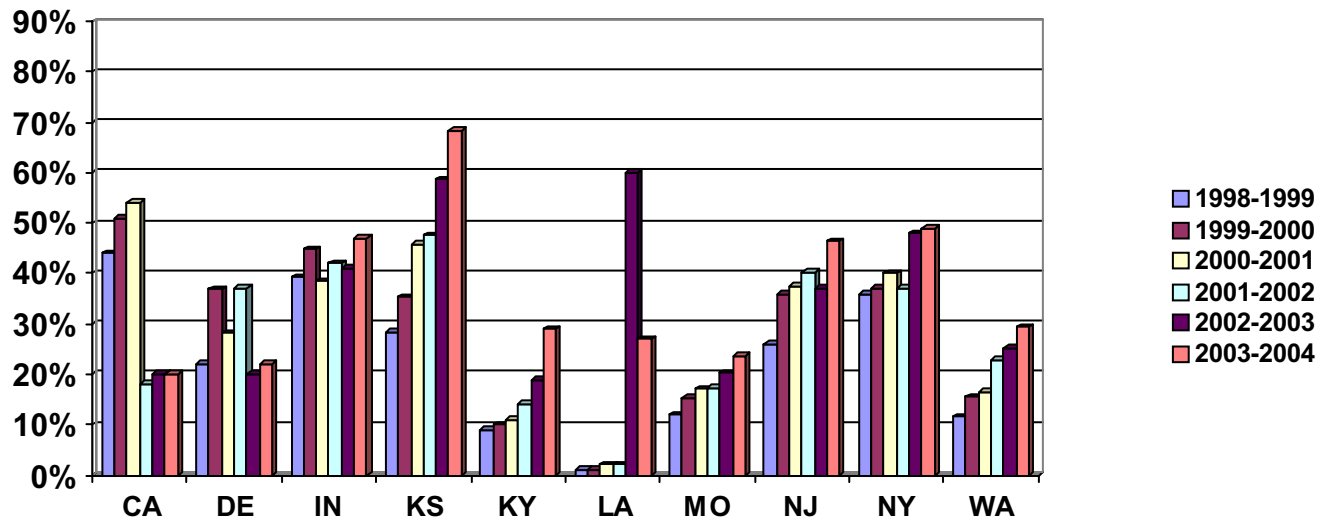


Figure 25. Six-Year Trends of the Percentage of Middle School Students with Disabilities Who Achieved Proficiency on Statewide Mathematics Exams

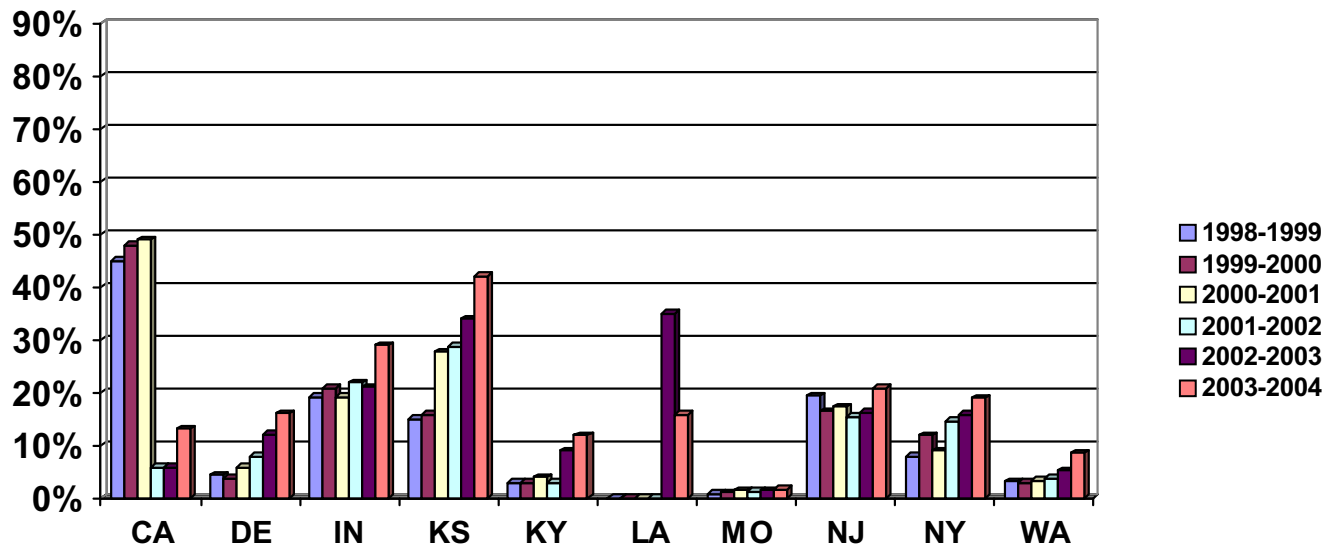
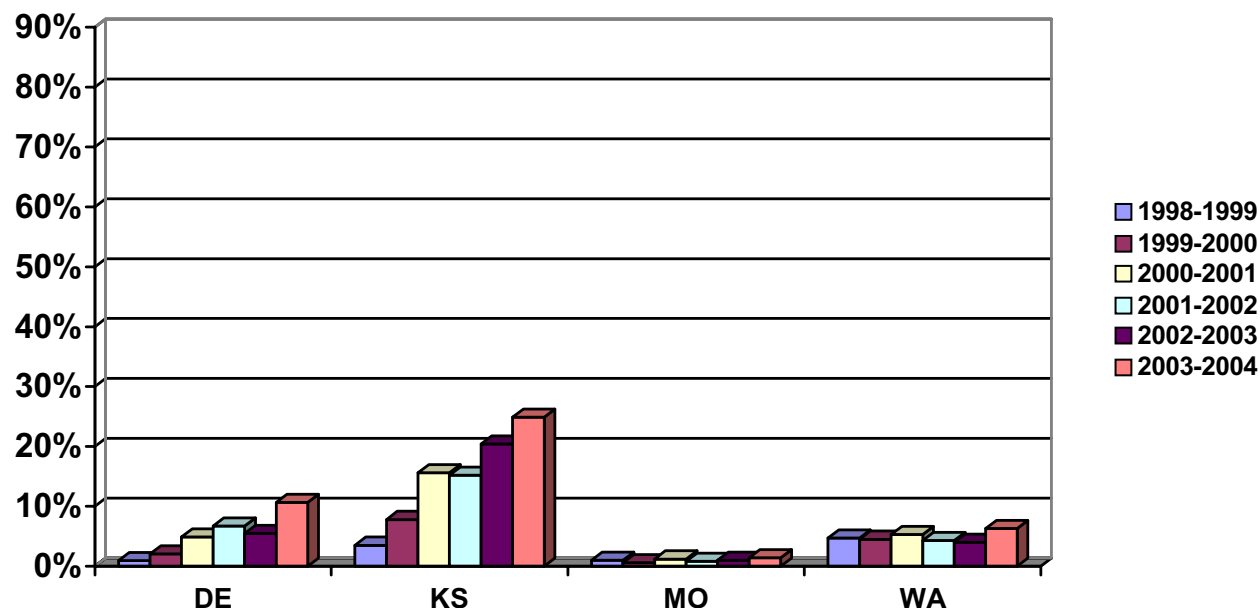


Figure 26. Six-Year Trends of the Percentage of High School Students with Disabilities Who Achieved Proficiency on Statewide Mathematics Exams



Discussion

There have been many areas of improvement for statewide public reporting. For public reporting of general assessments, it appears that about the same number of states are reporting information for all their tests, regardless of whether they are included in state accountability systems (35 in 2003–2004 compared to 36 in 2002–2003). However, for tests in NCLB accountability systems, improvement is evident. In 2003–2004, 44 states reported both performance and participation information for all the tests in their NCLB accountability system while 40 did so in 2002–2003.

A total of 48 states reported some state-level information about students with disabilities on their state assessments. Of these states, 35 reported participation and performance for all their assessments, 11 reported participation and performance data for some of their tests, 2 only reported performance information, and 2 did not report information. This is close to the results of 2002–2003 (Wiley et al., 2005). However, when considering only tests that are part of NCLB accountability systems, 44 reported participation and performance information for all their assessments, 2 reported participation and performance information for some of their assessments, 2 reported performance information for all their assessments, and 2 did not report information.

When examining alternate assessments, only 36 states reported any information. This is the same as 2002–2003. However, more states reported both participation and performance data for their

alternate assessments (33 in 2003–2004 compared to 29 in 2002–2003). One state reported only performance data (compared to 4 in 2002–2003) and 2 reported only participation data for their alternate assessment (compared to 3 in 2002–2003). Fourteen states did not report participation or performance information about their alternate assessment.

For their general assessments, 34 states reported either the percent of students tested or not tested for at least one of their assessments (53 assessments total). This is a much more informative way of presenting data than just giving the number of students tested. However, the number of students tested still continues to be the most common way of reporting participation (79 assessments). The number or percent of students who were exempt or excluded from assessments was given for 1 test and the number or percent of students absent was given for 19 tests. For their alternate assessments, the most common way of reporting participation information was to give the number of students tested, which was done by 32 states. Twenty states gave a rate, which is an increase from 15 in 2002–2003.

When we examined the performance of students for the general assessment, we found that large gaps existed between students with disabilities and all students. Though some gaps were much larger than others, the gaps were noticeable for all states that provided performance data. Gaps were larger at higher grades. In a few instances, a higher percentage of students with disabilities achieved proficiency compared to all students. This finding should be followed in future years to see whether this is a trend for students with disabilities in these states.

It appears that across years there are gradual improvements in the percentage of students with disabilities who achieve proficiency on statewide reading and math tests. These trends are most evident in the elementary grades, and seem to dissipate somewhat at the middle school level and even more at the high school level (though it is difficult to tell this because so few states have data). It will be important to continue to follow these trends.

In the second year following NCLB, it is interesting to see that many states are making strides toward reporting disaggregated participation and performance data, at least as it relates to the tests in their accountability systems. Still there are improvements that could be made, particularly in relation to reporting on alternate assessments. Fourteen states are still not reporting participation and performance data for this assessment. It may be that this is because states are revising these assessments in light of new requirements (throughout 2003). Yet, the number seems higher than expected.

There have definitely been improvements since 2002–2003 in the reporting of state assessment data, and this trend will likely continue for 2004–2005. Continued checking on the reporting practices of states and on the participation levels and performance achieved by students with disabilities is important.

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Appendix A

Verification Letter to State Assessment Director

The National Center on Educational Outcomes is examining states' public reports on **2003–2004** school year assessment results. We have reviewed your Web site for both participation and performance data on your statewide assessments. At this time, we were unable to find any information regarding the name of the tests you administer, the grades and subject areas that are tested or the results of those tests. We were also unable to find any information on how participation information is reported for students with disabilities (if it is available) and whether information is given about students who took assessments with individual accommodations.

Please provide us with information on the name of the tests you administer, the grades and subject areas tested by each test as well as where we can find participation and performance data for these tests. Our goal is to (a) identify all components of each state's testing system, (b) determine whether each state reports **disaggregated** test results for students with disabilities, (c) describe the way participation information is presented, and (d) describe how states report results for students who took the test with accommodations or modifications.

If there is publicly reported information available for your state, please provide us with the public document and/or website that contains the accurate information. Address your responses to Jenny Klein at the above address.

If you have any questions about our request, please call Jenny Klein at (612) 626-0658 or email: klei0321@umn.edu. If we do **not** hear from you by **February 28, 2005**, we will assume there is no publicly available information.

Thank you for taking the time to provide this information.

Sincerely,

Jenny Klein
Graduate Research Assistant

Martha Thurlow
Director

Table 1: Tests Administered and Results Found

Please review this table for its accuracy, make any changes (if necessary), and fill in any blank spaces.

State	Test	Grades Tested	Subject Areas	Is Disaggregated Info for Students with Disabilities Reported (Yes/No)		Is this test part of the state accountability system? (Yes/No)
				Participation	Performance	
AL	Direct Assessment of Writing [CRT]	5,7	Writing	Yes	Yes	
	High School Graduation Exam [EXIT]	12	Reading, Language, Math, Science, Social Studies	Yes	Yes	
	Stanford Achievement Test, 10 th ed. (SAT-10) [NRT]	3-8	Reading, Language, Math, Science, Social Studies	Yes	Yes	
	Alternate Assessment	3-8, 11, 12	Not specified	Yes	Yes	

Table 2: Participation Information for Students with Disabilities

Please review this table, which describes the way in which participation data are publicly reported in your state. A dot in the box indicates information is reported in this way. Please add a “Y” if you know of any other method of participation reporting, and please provide us with the information that is reported in that way (either a hard copy or a web-link).

State	Test	Number Tested	Number Not Tested	Number Exempt	Number Excluded	% of students tested	% of students not tested	% Exempt	% Excluded	Number and/or Percent Absent
AL	HS Graduation Exam	Y								
	SAT-10	Y								
	DAW	Y								
	Alternate	Y								

Blank cell = no data

Table 3: Accommodations

We are interested in examining if and how states report information about students who take assessments using accommodations. Please change our responses (if necessary) to reflect information that is reported for your state. If you do make changes, please provide us with the information (either a hard-copy or a web-link).

Test	Allowable Accommodations		Non-allowable Accommodations	
	Participation	Performance	Participation	Performance
HS Graduation Exam	No	No	No	No
SAT-10	No	No	No	No
DAW	No	No	No	No
Alternate	No	No	No	No

Appendix B

Letters to State Directors of Special Education

(Two forms depending on input from Assessment Director. Example here is if letter was verified by the Assessment Director. If no verification, letter was the same as in Appendix A.)

The National Center on Educational Outcomes is examining states' public reports on **2003–2004** school year assessment results. We have reviewed your state's Web site for both participation and performance data on your statewide assessments. Attached tables reflect what we believe to be the tests your state administers and the results that we have found thus far on the Web (Table 1), how participation information is reported for students with disabilities (if it is available) (Table 2), and whether information is given about students who took assessments with individual accommodations (Table 3). **These tables have been verified by your state's Director of Assessment, but if you have anything to add, please let us know.**

Please review the tables and verify their accuracy. Our goal is to (a) identify all components of each state's testing system, (b) determine whether each state reports **disaggregated** test results for students with disabilities, (c) describe the way participation information is presented, and (d) describe how states report results for students who took the test with accommodations or modifications.

If any data element is inaccurate, please provide us with the public document and/or website that contains the accurate information. Address your responses to Jenny Klein at the above address.

If you have any questions about our request, please call Jenny Klein at (612) 626-0658 or email: klei0321@umn.edu. If we do **not** hear from you by **June 16, 2005** we will assume that our summaries are accurate.

Thank you for taking the time to verify our findings.

Sincerely,

Jenny Klein
Graduate Research Assistant

Martha Thurlow
Director

Table 1: Tests Administered and Results Found

Please review this table for its accuracy, make any changes (if necessary), and fill in any blank spaces.

State	Test	Grades Tested	Subject Areas	Is Disaggregated Info for Students with Disabilities Reported (Yes/No)		Is this test part of the state accountability system? (Yes/No)
				Participation	Performance	
AL	Direct Assessment of Writing (criterion-referenced)	5,7	Writing	Yes	Yes	Yes
	High School Graduation Exam (Exit Exam)	12	Reading, Math, Science, Social Studies, Language	Yes	Yes	Yes
	SAT-10 (norm-referenced)	3-8	Reading, Language, Math, Science, Social Studies	Yes	Yes	Yes
	Alternate Assessment	3-8,11,12	Not specified	Yes	Yes	No

Table 2: Participation Information for Students with Disabilities

Please review this table, which describes the way in which participation data are publicly reported in your state. A dot in the box indicates information is reported in this way. Please add a “Y” if you know of any other method of participation reporting, and please provide us with the information that is reported in that way (either a hard copy or a web-link).

State	Test	Number Tested	Number Not Tested	Number Exempt	Number Excluded	% of students tested	% of students not tested	% Exempt	% Excluded	Number and/or Percent Absent
AL	Direct Assessment of Writing	Y								
	HS Grad. Exam	Y								
	SAT-10	Y								
	Alternate Assessment	Y								

Blank cell = No data

Table 3: Accommodations

We are interested in examining if and how states report information about students who take assessments using accommodations. Please change our responses (if necessary) to reflect information that is reported for your state. If you do make changes, please provide us with the information (either a hard-copy or a web-link).

Test	Standard Administration		Nonstandard Administration	
	Participation	Performance	Participation	Performance
Direct Assessment of Writing	No	No	No	No
High School Graduation Exam	No	No	No	No
SAT-10	No	No	No	No
Alternate Assessment	No	No	No	No

Appendix C

2003–2004 State Assessment Systems and Status of Disaggregated Data

State	Assessment Component	Grades	Subject	Disaggregated Special Education Data	
				Part	Perf
Alabama	Direct Assessment of Writing [CRT]	5,7,10	Writing	Yes	Yes
	*High School Graduation Exam [EXIT]	11	Reading, Language, Math, Science, Social Studies	Yes	Yes
	Stanford Achievement Test, 10th ed. (SAT-10) [NRT]	3–8	Reading, Language, Math, Science, Social Studies	Yes	Yes
	*Alabama Reading and Mathematics Test (ARMT) [CRT]	4,6,8	Reading (4,6,8), Mathematics (4,6)	Yes	Yes
Alaska	*Standards Based Assessment (SBA) [CRT]	3–9	Reading, Math, Writing	Yes	Yes
	*High School Graduation Qualifying Exam [EXIT]	10	Reading, Math, Writing	Yes	Yes
Arizona	Stanford Achievement Test, 9th ed. (SAT-9) [NRT]	2–9	Reading, Language, Math	No	No
	* AZ Instrument to Measure Standards (AIMS) [CRT]	3,5,8	Reading, Math, Writing	Yes	Yes
	* AIMS [EXIT]	10	Reading, Math, Writing	Yes	Yes
Arkansas	Stanford Achievement Test, 9th ed. (SAT-9) [NRT]	5,7,10	Complete Battery	No	No
	*Arkansas Benchmark Exams (including End-of-Course) [CRT]	4,6,8, 9–12	Literacy [Reading & Writing] (4,6,8,11), Math (4,6,8), EOC–Algebra I (9–12), EOC–Geometry (9–12)	No	Yes
California	* Content Standards [CRT]	2–11	English Language Arts, Math (2–9), Algebra I & II (8–11), Integ. Math I–III (9–11), Geometry (8–11), Soc. Studies (8), World Hist. (10), US Hist. (11), Bio./Life Sci. (9–11), Chem. (9–11), Earth Sci. (9–11), Physics (9–11), Integ./Coord. Sci. (9–11)	Yes	Yes
	Spanish Assessment of Basic Education (SABE/2) [NRT]	2–11	Reading, Language, Math, Spelling (2–8)	Yes	Yes
	* California Achievement Test, 6th ed. (CAT-6) [NRT]	3,7	Reading, Language, Math, Spelling, Science	Yes	Yes

State	Assessment Component	Grades	Subject	Disaggregated Special Education Data	
				Part	Perf
Colorado	* CO Student Assessment Program (CSAP) [CRT]	3–10	Reading, Math (5–10), Writing, Science (8)	Yes	Yes
Connecticut	* CT Mastery Test (CMT) [CRT]	4,6,8	Reading, Math, Writing	Yes	Yes
	* CT Academic Performance Test (CAPT) [CRT]	10	Reading, Math, Writing, Science	Yes	Yes
Delaware	* DE Student Testing Program (DSTP) [SAT-9 for R,M with other criterion measures; NRT/CRT]	3–6,8,10,11	Reading (3,5,8,10), Math (3,5,8,10), Writing (3,5,8,10), Science (4,6,8,11), Social Studies (4,6,8,11)	Yes	Yes
	DE Student Testing Program (DSTP) [SAT-9 for R,M with other criterion measures; NRT/CRT]	2,4,6,7,9	Reading (2,4,6,7,9); Math (2,4,6,7,9), Writing (4,6,7,9)	No	No
Florida	* FL Comprehensive Assessment Test (FCAT) includes SAT-9 [NRT/CRT]	3–10	Reading, Math, Writing	No	No
Georgia	End of Course Tests [CRT]	9–12	English Literature and Composition (9), American Literature and Composition, Algebra, Geometry, Biology, Physical Science, U.S. History, Economics/Business/Free Enterprise	Yes	Yes
	* GA High School Graduation Test (GHSGT) [EXIT]	11	English/Language Arts, Math, Science, Social Studies	Yes	Yes
	* Criterion-Referenced Competency Tests (CRCT) [CRT]	1–8	Reading, English/Language Arts, Math, Science (3–8), Social Studies (3–8)	Yes	Yes
	* Middle Grades/High School Writing Assessment [CRT]	5,8,11	Writing	Yes	Yes
Hawaii	* HI Content and Performance Standards (HCPS II) State Assessment [CRT]	3,5,8,10	Reading, Math	Yes	Yes
Idaho	ID Direct Assessments (DMA/DWA) [CRT]	4–9	Math (4,6,8), Writing (5,7,9)	Yes	Yes
	* Idaho Standards Achievement Tests (ISAT) [CRT]	2–10	Reading/Language Arts, Math	Yes	Yes
	Idaho Reading Indicator (IRI) [CRT]	K–3	Reading	Yes	Yes

State	Assessment Component	Grades	Subject	Disaggregated Special Education Data	
				Part	Perf
Illinois	* IL Standards Achievement Test (ISAT) [CRT]	3,4,5,7,8	Reading (3,5,8), Math (3,5,8), Writing (3,5,8), Science (4,7), Social Studies (4,7)	Yes- aggregate across tests	Yes
	* Prairie State Achievement Exam [CRT]	11	Reading, Math, Writing, Science, Social Studies	Yes- aggregate across tests	Yes
	* Illinois Measure of Annual Growth in English (IMAGE) [CRT]	3,5,8,11	Reading, Math, Writing	Yes- aggregate across tests	Yes
Indiana	* IN Statewide Testing for Educational Progress (ISTEP+) [NRT/CRT]	3,6,8	English Language Arts, Math	Yes	Yes
	* Graduation Qualifying Exam [EXIT]	10	English Language Arts, Math	Yes	Yes
Iowa	* ITBS/ITED [NRT]	3–12 (only report on grades 4,8,11)	Reading, Math, Science (8,11)	Yes	Yes
Kansas	* KS Assessment System [CRT]	4–8,10,11	Reading (5,8,11), Math (4,7,10), Science (4,7,10), Social Studies (6,8,11)	Yes	Yes
Kentucky	* Comprehensive Test of Basic Skills, 5th ed. (CTBS/5) [NRT]	3,6,9	Reading, Language, Math	Yes	Yes
	* KY Core Content Test [CRT]	4,5,7,8, 10–12	Reading (4,7,10), Math (5,8,11), Writing (4,7,12), Science (4,7,11), Social Studies (5,8,11), Arts & Humanities (5,8,11), Practical Living & Vocational Studies (5,8,10)	Yes	Yes
Louisiana	* LA Educational Assessment Program (LEAP 21) [CRT]	4,8	English/Language Arts, Math, Science, Social Studies	Yes	Yes
	* Graduation Exit Exam (GEE-21) [EXIT]	10, 11	Language Arts, Math, Science, Social Studies	Yes	Yes
	* Iowa Tests of Basic Skills/Iowa Tests of Educational Development [NRT]	3,5,6,7,9	Reading, Language, Math, Science, Social Studies	Yes	Yes
Maine	* Maine Educational Assessment (MEA) [CRT]	4,8,11	Reading, Math	Yes	Yes
Maryland	* Maryland School Assessment (MSA) [CRT]	3,5,8,10	Reading (3,5,8,10), Math (3,5,8,10)	Yes	Yes
	* High School Assessment [CRT]	9–12	English I, Biology, Government, Algebra	Yes	Yes

State	Assessment Component	Grades	Subject	Disaggregated Special Education Data	
				Part	Perf
Massachusetts	* MA Comprehensive Assessment System (MCAS) [CRT]	3–8,10	Reading (3), English Language Arts (4,7,10), Math (4,6,8,10), Science/Technology (5,8)	Yes	Yes
Michigan	* MI Educational Assessment Program (MEAP) [CRT]	4,5,7,8	Reading (4,7), Math (4,8), Writing (4,7), Science (5,8), Social Studies (5,8), Listening (4,7)	Yes	Yes
Minnesota	* MN Comprehensive Assessment (MCA) [CRT]	3,5,7,10,11	Reading (3,5,7,10), Math (3,5,7,11), Writing (5,10)	Yes	Yes
	Basic Skills Test [EXIT]	8,10	Reading (8), Math (8), Writing (10)	Yes	Yes
Mississippi	* MS Curriculum Test (MCT) [CRT]	2–8	Reading, Language, Math	Yes	Yes
	Comprehensive Tests of Basic Skills, 5th ed. (CTBS/5) [NRT]	6	Reading, Language, Math	Yes	Yes
	Writing Assessment [CRT]	4,7	Writing	Yes	Yes
	Functional Literacy Exam (FLE) [EXIT] For most students, only math is required for graduation.	11	Reading, Math, Writing	Yes	Yes
	* Subject Area [CRT]	9–12	Algebra I, U.S. History, Biology, English II	Yes	Yes
Missouri	* MO Assessment Program (MAP) (<i>Terra Nova survey</i>) [NRT/CRT]	3,4,7,8,10,11	Communication Arts (3,7,11), Math (4,8,10), Science (optional) (3,7,10), Social Studies (optional) (4,8,11)	Yes	Yes
Montana	* Iowa Tests of Basic Skills/ Iowa Tests of Educational Development (ITBS/ITED) [NRT]	4,8,11	Reading, Math, Language Arts, Science, Social Studies	Yes	Yes
Nebraska	* Nebraska Statewide Writing Assessment [CRT]	4,8,11	Writing	Yes	Yes
	* Assessment of State Math Standards [CRT]	4,8,11	Math	Yes	Yes
Nevada	* Iowa Tests of Basic Skills/ Iowa Tests of Educational Development (ITBS/ITED) [NRT]	4,7,10	Reading, Math, Science, Social Studies	Yes	Yes
	* Nevada Criterion Referenced Exam [CRT]	3,5,8	Reading, Math	Yes	Yes
	* NV High School Proficiency Exam [EXIT]	11–12	Reading, Math, Science	Yes	Yes
	* NV Direct Writing Assessment [CRT]	4,8,11,12	Writing	Yes	Yes
New Hampshire	* NH Educational Improvement and Assessment Program (NHEIAP) [CRT]	3,6,10	English Language Arts, Math, Science (6,10), Social Studies (6,10)	Yes	Yes

State	Assessment Component	Grades	Subject	Disaggregated Special Education Data	
				Part	Perf
New Jersey	* NJ Assessment of Skills and Knowledge (NJ-ASK) [CRT]	4	Language Arts Literacy, Math, Science	Yes	Yes
	* Grade Eight Proficiency Assessment (GEPA) [CRT]	8	Language Arts Literacy, Math, Science	Yes	Yes
	* High School Proficiency Assessment (HSPA) [EXIT]	11	Language Arts Literacy, Math, Writing	Yes	Yes
New Mexico	* NM Achievement Assessment Program (NMAAP) (CTBS/5 & other criterion measures) [NRT/CRT]	4,8	Reading, Language, Math, Science, Social Studies	Yes	Yes
	* NM High School Standards Assessment [EXIT]	10	Reading, Language Arts, Math, Science, Social Studies, Writing	Yes	Yes
New York	* Regents Comprehensive Exams [EXIT]	9–12	English, Foreign Languages, Math, History/Social Studies, Science	Yes	Yes
	* Regents Competency Test [EXIT]	9–12	Reading, Math, Science, Writing, Global Studies, U.S. History & Government	Yes	Yes
	* NY State Assessment Program [CRT]	4,8	English/Language Arts, Math, Science	Yes	Yes
North Carolina	* End of Grade [CRT]	3–8, 10	Reading, Math	Yes	Yes
	* End of Course [CRT]	9–12	Biology, Chemistry, Physics, Economics, English I, Physical Science, History, Algebra I & II, Geometry	Yes	Yes
	* Grade 3 Pretest [CRT]	3	Reading, Math	Yes	Yes
	Writing Assessment [CRT]	4,7,10	Writing	Yes	Yes
	* Computer Skills [CRT]	8	Computer	Yes	Yes
	* Competency Test [EXIT]	9	Reading, Math	Yes	Yes
	*High School Comprehensive Test [CRT]	10	Reading, Math	Yes	Yes
North Dakota	* North Dakota State Assessment (NDSA) [NRT/CRT]	4,8,12	Reading/Language, Math	Yes	Yes
Ohio	* Reading Achievement Test [CRT]	3	Reading	Yes	Yes
	* OH Proficiency Tests [CRT]	4,6,10	Reading, Math, Writing, Science, Citizenship	Yes	Yes
	* 9th Grade Proficiency Test [EXIT] ¹	9	Reading, Writing, Math, Science, Citizenship	No	Yes

State	Assessment Component	Grades	Subject	Disaggregated Special Education Data	
				Part	Perf
Oklahoma	* Core Curriculum Tests [CRT]	5,8	Reading, Math, Writing, Science, History, Geography, Arts	Yes	Yes
	* Stanford Achievement Test, 9th ed. (SAT-9) [NRT]	3	Reading, Math, Language, Spelling, Listening	Yes	No
	* High School End-of-Instruction Tests [CRT]	9–11	English II, U.S. History, Algebra I, Biology	Yes	Yes
Oregon	* OR Statewide Assessment [CRT]	3,5,8,10	Reading/Literature, Math, Math Problem Solving (5,8,10), Writing, Science (8,10)	No (district level only)	No (district level only)
Pennsylvania	* PA System of School Assessment (PSSA) [CRT]	3,5,6,8,9,11	Reading (3,5,8,11), Math (3,5,8,11), Writing (6,9,11)	No (district level only)	Yes
Rhode Island	* New Standards Reference Examinations [CRT]	4,8,10	Reading, Math, Writing	Yes	Yes
	RI State Writing Assessment [CRT]	3,7,11	Writing	No	No
	RI Health Education Assessment [CRT]	9	Health	No	No
South Carolina	* Palmetto Achievement Challenge Tests (PACT) [CRT]	3–8	English/Language Arts, Math, Science, Social Studies	Yes	Yes
	* High School Exit Exam [EXIT]	10	Reading, Math	Yes	Yes
South Dakota	*Dakota STEP Test [NRT/CRT]	3–8, 11	Reading, Math	Yes	Yes
	Stanford Writing Assessment [NRT]	5,9	Writing	No	No
Tennessee	* Achievement Test [NRT]	3–8	Reading, Language, Math, Science, Social Studies	Yes	Yes
	Writing Test [CRT]	4,7,11	Writing	No	No
	Gateway Testing Initiative [CRT]	9–12	Algebra I, Biology, English II	No	No
Texas	* Texas Assessment of Knowledge and Skills (TAKS) [CRT]	3–9	Reading, Math, Writing (4,7), Science (5), Social Studies (8); Spanish version administered in grades 3–6.	Yes	Yes
	* Exit Level TAKS [EXIT]	10,11	English/Language Arts (10,11), Math (10,11), Science (10,11), Social Studies (10,11)	Yes	Yes
	Reading Proficiency Tests in English [CRT]	3–12	English Reading Proficiency	Yes	Yes

State	Assessment Component	Grades	Subject	Disaggregated Special Education Data	
				Part	Perf
Utah	Stanford Achievement Test, 9th ed. (SAT-9) [NRT]	3,5,8,11	Reading, Language, Math, Science, Social Studies	No	No
	Core Criterion-Referenced Tests [CRT]	1–11	Reading, Math (1–10), Writing (6,9)	Yes ²	Yes ²
	Direct Writing Assessment [NRT]	6,9	Writing	No	No
Vermont	* VT Comprehensive Assessment System [CRT]	2,4,5,8–11	Reading (2), English/ Language Arts (4,8,10), Math (4,8,10), Science (5,9,11)	Yes	Yes
Virginia	* Standards of Learning (SOL) [CRT]	3,5,8	English (3), English: Reading/Literature and Research (5,8), English: Writing (5,8), Math, History, Science, Computer Technology (5, 8)	Yes	Yes
	* Standards of Learning—End of Course [EXIT] ³	9–12 (may be taken at an earlier grade)	English, Math (Algebra I, II, & Geometry), History/Social Studies (World History I & II, Geography, U.S. History), Science (Earth, Biology, Chemistry)	Yes	Yes
Washington	* WA Assessment of Student Learning (WASL) [CRT]	4,7,8,10	Reading (4,7,10), Math (4,7,10), Writing (4,7,10), Science (8,10)	Yes	Yes
	Iowa Tests of Basic Skills/Iowa Tests of Educational Development (ITBS/ITED) [NRT]	3,6,9	Reading, Math	Yes	Yes
West Virginia	* West Virginia Educational Standards Test (WESTEST) [CRT]	3–8 and 10	Reading/Language, Math, Science, Social Studies	Yes	Yes
	WV Writing Assessment [CRT]	4,7,10	Writing	No	No
Wisconsin	* WI Knowledge and Concepts Exam (WKCE) [CRT]	4,8,10	Reading, Language Arts, Math, Science, Social Studies	Yes	Yes
	WI Reading Comprehension Test (WRCT) [CRT]	3	Reading	No	No
Wyoming	* WY Comprehensive Assessment System (WyCAS) [CRT]	4,8,11	Reading, Writing, Math	Yes	Yes
	<i>Terra Nova</i> Comprehensive Tests of Basic Skills, 5th ed. (CTBS/5) [NRT]	4,8,11	Reading, Language, Math	No	No

¹ In Ohio, the Grade 10 CRT was a 2nd exit requirement during 2003–2004.

² In Utah, all participation and performance data is aggregated across grades.

³ In Virginia, there is not one single exit exam. Students usually have to pass high school courses and the related SOL tests to earn verified credits for a standard or advanced diploma.

* Test is part of state accountability system for No Child Left Behind.

Unique States

State	Assessment Component	Grades	Subject	Disaggregated Special Education Data	
				Part	Perf
American Samoa	Stanford Achievement Test – 10th Edition (SAT-10) [NRT]	Unknown	Unknown	No	No
Bureau of Indian Affairs	Students take the assessment of the state in which they live			Yes	Yes
Commonwealth of the Northern Mariana Islands	Stanford Achievement Test- 10th Edition (SAT-10) [NRT]	3,5,6,8,9,11	Reading, Writing, Math	No	No
District of Columbia	Stanford Achievement Test- 10th Edition (SAT-10) [NRT]	1–12	Reading, Math	Yes	Yes
Federated States of Micronesia	Unknown	Unknown	Unknown	No	No
Guam	Stanford Achievement Test- 9th Edition (SAT-9) [NRT]	1,3,5,7,9–11	Reading, Math, Language	No	No
Palau ¹	Palau Achievement Test [NRT]	4,6,8,10	Reading, Math	No	No
Puerto Rico ¹	PPAA	Unknown	Unknown	No	No
Republic of the Marshall Islands	Unknown	Unknown	Unknown	No	No
Virgin Islands	Unknown	Unknown	Unknown	No	No

¹ Denotes unique states in which we gathered information on their statewide assessments from their Annual Performance Report (APR).

Appendix D

Disaggregated Participation Information (Given for State-Level Data)

State	Test	No.	No. Not Tested	No. Exempt	No. Excluded	Percent of Students Tested	Percent of Students not Tested	Percent Exempt	Percent Excluded	No. and/or Percent Absent
AL	HSGE	Y								
	SAT-10	Y								
	ARMT					Y				
	DAW	Y								
AK	SBA	Y				Y	Y			
	HSGQE	Y				Y	Y			
AZ	AIMS	Y		Y	Y	Y				Y
	AIMS-EXIT	Y		Y	Y	Y				Y
CA	Cont. Stands.	Y				Y				
	CAT/6	Y				Y				
CO	CSAP	Y				Y	Y			Y
CT	CMT	Y				Y	Y			Y
	CAPT	Y				Y	Y			Y
DE	DSTP (SAT9)	Y	Y	Y	Y	Y	Y	Y	Y	
GA	EOC Tests	Y								
	GHS GT	Y								
	CRCT	Y								
	Writ. Assess.	Y								
HI	HCPS II					Y				
ID	DMA/DWA	Y								
	ISAT	Y								
	IRI	Y				Y				
IL	ISAT					Y	Y			
	PSAE					Y	Y			
IN	ISTEP+	Y								
	GQE	Y								
IA	ITBS/ITED	Y				Y ¹	Y ¹			Y
KS	KAS	Y					Y ²			
KY	KCCT	Y				Y				
	CTBS/5	Y				Y				
LA	ITBS/ITED	Y								
	LEAP-21	Y								
	GEE-21	Y								
ME	MEA	Y				Y				

State	Test	No.	No. Not Tested	No. Exempt	No. Excluded	Percent of Students Tested	Percent of Students not Tested	Percent Exempt	Percent Excluded	No. and/or Percent Absent
MD	MSA	Y								
	HAS	Y								
MA	MCAS	Y			Y	Y				
MI	MEAP	Y				Y ³				
MN	MCA	Y			Y	Y				
	BST				Y	Y				
MS	MCT	Y								
	CTBS/5	Y								
	SATP	Y								
	Writ. Assess.	Y								
	FLE	Y								
MO	MAP	Y	Y				Y			
MT	ITBS/ITED	Y								
NE	Assess. of St. Math Stands.					Y	Y			
	NE Statewide Writ. Assess.	Y	Y			Y	Y			
NV	CTBS/5	Y								
	Criterion Ref. Exam	Y								
	NV HSPE	Y								
	NV Direct Writ. Assess.	Y								
NH	NHEIAP	Y	Y			Y	Y			
NJ	ESPA/GEPA/HSPT	Y	Y	Y		Y	Y	Y		Y
NM	NMAAP	Y				Y				
	NMHSSA	Y				Y				
NY	RCE	Y				Y				
	RCT	Y				Y				
	NYSAP	Y				Y				
NC	EOG	Y	Y			Y	Y			Y
	EOC	Y	Y			Y	Y			Y
	Gr. 3 Pretest	Y	Y			Y	Y			Y
	Writ. Assess.	Y				Y				Y
	Computer Test	Y	Y			Y	Y			
	Competency Test	Y	Y			Y	Y			
	HSCT	Y	Y			Y	Y			Y
ND	NDSA	Y				Y				

State	Test	No.	No. Not Tested	No. Exempt	No. Excluded	Percent of Students Tested	Percent of Students not Tested	Percent Exempt	Percent Excluded	No. and/or Percent Absent
OH	OPT					Y	Y			
OK	CCT	Y	Y	Y	Y	Y	Y			Y
	SAT-9	Y	Y	Y	Y	Y	Y			Y
	HS End of Instruc. Tests	Y	Y	Y	Y					
RI	NSRE	Y				Y				
SC	PACT	Y								
	HSAP	Y								
SD	Dakota STEP					Y	Y			
TN	TCAP	Y								
TX	TAKS	Y								
	TAK-EXIT	Y								
	RPTE	Y	Y			Y	Y	Y		Y
UT	CCRT	Y								
VT	VCAS	Y								
VA	SOL						Y ⁴			
	SOL-EOC						Y ⁴			
WA	WASL	Y	Y							Y
	ITBS/ITED	Y				Y				
WV	WESTEST	Y	Y	Y		Y	Y	Y		Y
WI	WKCE	Y				Y	Y			Y
WY	WyCAS	Y	Y ⁵	Y ⁵	Y ⁵					Y ⁵

¹ IA: The percentage of students includes students who took ITBS/ITED and Alternate Assessment.

² KS: The percentage of students includes students who took the Alternate and the KAS.

³ MI: The percentage of students is aggregated across all grades.

⁴ VA reports the percentage of students not tested, but the percentage is aggregated for the SOL, the SOL-EXIT, and the Alternate Assessment.

⁵ WY: The number of students not tested, exempt, excluded, and absent includes students who took the Alternate and the WyCAS.

Appendix E

Participation Rate Analyses

State	Grade	Subject	Test Name
Alabama	8	Math	Alabama Reading and Mathematics Test
Alaska	8	Math	Standards Based Assessment
Arizona	8	Math	Arizona Instrument to Measure Standards
Colorado	8	Math	Colorado Student Assessment Program
Connecticut	8	Math	Connecticut Mastery Test
Delaware	8	Math	Delaware Student Testing Program
Hawaii	8	Math	Hawaii Content and Performance Standards State Assessment II
Iowa	8	Math	ITBS/ITED
Kansas	8	Math	Kansas Assessment System
Maine	8	Math	Maine Educational Assessment
Minnesota	7	Math	Minnesota Comprehensive Assessment
Missouri	8	Math	Missouri Assessment Program
Nebraska	8	Math	Assessment of State Math Standards
New Hampshire	6	Math	New Hampshire Educational Improvement and Assessment Program
New Jersey	8	Math	Grade Eight Proficiency Assessment
New Mexico	8	Math	New Mexico Achievement Assessment Program
North Dakota	8	Math	North Dakota State Assessment
Ohio	6	Math	Ohio Proficiency Test
Oklahoma	8	Math	Core Curriculum Test
South Dakota	8	Math	Dakota STEP Test
West Virginia	Middle	Math	West Virginia Educational Standards Test

Appendix F

Disaggregated Alternate Assessment Participation Information (Given for State-Level Data)

State	Test	No.	No. Not Tested	No. Exempt	No. Excluded	Percent of Students Tested	Percent of Students not Tested	Percent Exempt	Percent Excluded	No. and/or Percent Absent
AL	Alternate	Y								
AK	Alternate	Y				Y	Y			
AZ	AIMS-Alt.	Y		Y	Y	Y				Y
CA	Alternate	Y				Y				
CO	CSAPA	Y	Y			Y	Y			Y
CT	Alternate	Y				Y	Y			Y
DE	DAPA	Y	Y	Y	Y	Y	Y	Y	Y	
IA	Alternate	Y								
KS	Alternate	Y	Y			Y				
KY	Alt. Portfolio	Y								
LA	Alternate	Y								
ME	Alternate	Y				Y				
MD	IMAP	Y								
MA	MCAS-Alt	Y				Y				
MI	MI-Access	Y				Y ¹				
MN	Alternate	Y				Y	Y			
MT	Alternate	Y								
NE	Alternate					Y				
NH	Alternate	Y	Y			Y	Y			
NJ	Alternate	Y								
NM	NMALT	Y								
NY	Alternate	Y								
NC ²	NCAAI	Y				Y				Y
	NCAAP	Y				Y				Y
OH	Alternate					Y				
OK	Alternate	Y	Y	Y	Y	Y	Y			
RI	Alternate	Y				Y				
SC	Alternate	Y								
TX	Alternate	Y								
UT	UAA	Y								
VT	Alternate	Y								
VA	Alternate						Y			
WA	Alternate	Y				Y	Y			
WV	Alternate	Y	Y	Y				Y		Y
WI	Alternate	Y				Y				
WY	Alternate	Y								

¹In Michigan, the percentage of students is aggregated across all grades.

Appendix G

2003–2004 Alternate Assessments

State	Assessment Component	Grades	Subject	Information Provided	
				Part	Perf
Alabama	* Alternate Assessment	3–8, 11	Reading, Language Arts, Math, Science, Soc. St., Self-Care/Living Skills, Communication/Sensory Awareness Skills, Motor Skills & Mobility, Socialization, Pre-vocational/Voc. skills	Yes	Yes
Alaska	* Alternate Assessment	3–10	English/Language Arts, Math, Skills for a Healthy Life	Yes	Yes
Arizona	* AIMS-Alternate	3,5,8,10,11,12	Reading, Math, Writing, Listening, Speaking	Yes	Yes
	Alternate State Achievement Test (ASAT)	2–9	Reading, Math, Writing, Listening/Speaking	No	No
Arkansas	Alternate State Achievement Test (ASAT)	2–9	Reading, Math, Writing, Listening	No	No
California	* CA Alternate Performance Assessment	2–11	Reading, Writing, Listening, Math	Yes	Yes
Colorado	* CO Student Assessment Program Alternate (CSAPA)	3–10	Reading (3–10), Math (5–10), Writing (4–10), Science (8)	Yes	Yes
Connecticut	Alternate Assessment	4,6,8,10	Reading, Math, Writing	Yes ¹	Yes ¹
Delaware	* DE Alternate Portfolio Assessment	Ages 5–15,20	Reading and Math (Ages 5–15), Science and Social Studies (Ages 9,11,13, and 15), Career Voc. (Age 20)	Yes	Yes
Florida	Alternate Assessment	Not Designated	Not Designated	No	No
Georgia	* GA Alternate Assessment (GAA)	K–12	Communication, Daily Living, Motor, Cog./ Functional Academics, Social/ Emotional, Community, Vocational, Rec/Leisure	No	No
Hawaii	Alternate Assessment			No	No
Idaho	Alternate Assessment	K–10	Reading, Language, Math (2–10)	No	No
Illinois	* Alternate Assessment	3–5,7,8,11	Reading, Math, Writing, Science, Social Studies	No	Yes
Indiana	Indiana Standards Tool for Alternate Reporting (ISTAR)			No	No
Iowa	* Alternate Assessment	4,8,11	Reading, Math	Yes	Yes
Kansas	* Alternate Assessment	Ages 10, 13, & 16	Reading & Math	Yes	Yes

State	Assessment Component	Grades	Subject	Information Provided	
				Part	Perf
Kentucky	Alternate Portfolio	3–12	Reading, Math, Writing, Science, Soc. St, Arts & Humanities, Practical Living & Voc Studies	Yes	Yes
Louisiana	* Alternate Assessment	3–11	English/Language Arts, Math, Science, Soc. St.	Yes	Yes
Maine	* Personalized Alternate Assessment Portfolios (PAAP)	4,8,11	English Language Arts, Math, Social Studies, Science & Technology	Yes	Yes
Maryland	* Alternate Maryland School Assessment (ALT-MSA)	3–8, 10, 11	Reading, Math	Yes	Yes
Massachusetts	* MCAS Alternate Assessment	3–8, 10	Reading (3), English/ Language Arts (4,7,10), Math (4,6,8,10), Science (5,8)	Yes	Yes
Michigan	* Alternate Assessment (MI-Access)	Ages 9,10,13,14,17,18	8 Performance Expectations	Yes	Yes
Minnesota	Alternate Assessment	3,5,7,10,11	Reading, Math	Yes	Yes
Mississippi	* Alternate Assessment	3–8	Comp.	No	No
Missouri	* Alternate Assessment (MAP-Alternate)	4,8,11	Communication Arts, Math, Science, Social Studies, Art, & Health/ Physical Educ.	No	No
Montana	* Alternate Assessment	4,8,11	Reading, Lang Arts, Math, Science, Soc. St.	Yes	Yes
Nebraska	* Alternate Assessment	4,8,11	Math and Motor Development	Yes	Yes
Nevada	Skills and Competencies Alternate Assessment of Nevada (SCAAN)	4,8,10	Language, Math, Developmental Domains	No	No
New Hampshire	* Alternate Assessment	3,6,10	English/Language Arts, Math, Science (6,10), Social Studies (6,10)	Yes	Yes
New Jersey	Alternate Proficiency Assessment (APA)	4,8,11	Language Arts Literacy, Math	Yes	Yes
New Mexico	* Alternate Assessment	4,8,11	Language Arts, Math, Science, Social Studies	Yes	Yes
New York	NY State Alternate Assessment (NYSSA)	Ages 10–11, 14– 15, 17–18	English Language Arts, Math	Yes	Yes
North Carolina	* NC Alternate Assessment Academic Inventory (NCAAAI)	3–8, 10	Reading, Math, Writing (4,7,10)	Yes	Yes
	* NC Alternate Assessment Portfolio (NCAAP)	3–8, 10	Reading, Math, Writing (4,7,10)	Yes	Yes
North Dakota	* ND Alternate Assessment (NDALT)	4,8,12	Reading/Language, Math	No	No
Ohio	* Alternate Assessment	3,4,6	Reading, Math	Yes	Yes
Oklahoma	Alternate Assessment	All	Portfolio of Required Subjects	Yes	Yes
Oregon	* Extended Assessments	3,5,8,10	Reading, Writing, Math, Science, Career & Life Role Assess. System	No	No
Pennsylvania	PA Alternate System of Assessment (PASA)	3,5,8,11	Reading, Math, Writing	No	No

State	Assessment Component	Grades	Subject	Information Provided	
				Part	Perf
Rhode Island	Alternate Assessment	3,4,5,7-11	Reading, Math, Writing, Health	Yes	Yes
South Carolina	* Alternate Assessment	3-8	English/Language Arts, Math, Science, Soc. St.	Yes	Yes
South Dakota	* Statewide Team-Led Alternate Assessment & Reporting System (STAARS)	3-8, 11	Reading, Math	No	No
Tennessee	TCAP-Alt		Language Arts/Reading, Math, Science, Soc. St.	No	No
Texas	* Alternate Assessment	K-8	Reading, Math	Yes	Yes
Utah	Alternate Assessment	1-12	Language Arts, Math	Yes	No
Vermont	Alternate Assessment	2,4,5,8-11	Reading (2), English/Language Arts (4,8,10), Math (4,8,10), Science (5,9,11)	Yes	No
Virginia	Alternate Assessment	3,5,8-12	English, Math, Science, History	Yes	Yes
Washington	* WA Alternate Assessment System	4,7,8,10	Reading, Math, Writing, Science	Yes	Yes
West Virginia	* Alternate Assessment	3-8, 10	Reading/Language, Math, Science, Soc. St.	Yes	Yes
Wisconsin	Alternate Assessment	4,8,10	Reading, Lang. Arts, Math, Science, Social Studies, Oral Language	Yes	Yes
Wyoming	* WyCAS Alternate	4,8,11	Language, Math	Yes	Yes

¹ CT alternate data is available for 10th grade; grades 4, 6, and 8 will be available shortly.

* Test is part of state accountability system for No Child Left Behind.

Appendix H

Participation and Performance for Students Tested with Accommodations

Grade	Subject	Accommodation	Participation	Percent Proficient
Arizona: AIMS "Students with Disabilities"				
3	Reading	With accommodations	2,615	X
		With changes that invalidated their score	3,813	X
5	Reading	With accommodations	2,677	X
		With changes that invalidated their score	3,256	X
8	Reading	With accommodations	2,881	X
		With changes that invalidated their score	2,631	X
10	Reading	With accommodations	850	X
		With changes that invalidated their score	601	X
3	Math	With accommodations	2,569	X
		With changes that invalidated their score	3,682	X
5	Math	With accommodations	2,665	X
		With changes that invalidated their score	3,164	X
8	Math	With accommodations	2,575	X
		With changes that invalidated their score	2,962	X
10	Math	With accommodations	1,378	X
		With changes that invalidated their score	2,118	X
Colorado: CSAP "All Students: Standard Accommodations"				
4	Reading	Braille version	4	X
		Large-print version	31	45%
		Teacher-read directions only	1558	13%
		Scribe	695	30%
		Signing	12	X
		Assistive communication device	26	58%
		Extended timing	6206	40%
8	Reading	Braille version	4	X
		Large-print version	15	X
		Teacher-read directions only	1058	7%
		Scribe	234	24%
		Signing	18	6%
		Assistive communication device	24	29%
		Extended/modified timing	2280	28%
10	Reading	Braille version	6	X
		Large-print version	11	X
		Teacher-read directions only	417	8%
		Scribe	107	21%
		Signing	21	0%
		Assistive communication device	10	X
		Extended/modified timing	1431	21%

Grade	Subject	Accommodation	Participation	Percent Proficient
5	Math	Braille version	5	X
		Large-print version	17	24%
		Teacher-read directions only	820	18%
		Use of manipulative	10	X
		Scribe	418	33%
		Signing	13	X
		Assistive communication device	8	X
		Extended timing	3384	42%
		Oral presentation of entire test	1765	17%
8	Math	Braille version	7	X
		Large-print version	13	X
		Teacher-read directions only	684	5%
		Use of manipulative	3	X
		Scribe	157	16%
		Signing	18	6%
		Assistive communication device	9	X
		Extended timing	1487	32%
		Oral presentation of entire test	1101	4%
10	Math	Braille version	5	X
		Large-print version	7	X
		Teacher-read directions only	289	1%
		Use of manipulative	3	X
		Scribe	64	13%
		Signing	8	X
		Assistive communication device	2	X
		Extended timing	1259	9%
		Oral presentation of entire test	264	2%
Colorado: CSAP "All Students: Nonapproved Accommodation/Modification"				
4	Reading	Nonapproved accommodation/ modification	7	X
8	Reading	Nonapproved accommodation/ modification	5	X
10	Reading	Nonapproved accommodation/ modification	10	X
5	Math	Nonapproved accommodation/ modification	21	X
8	Math	Nonapproved accommodation/ modification	14	X
10	Math	Nonapproved accommodation/ modification	85	X
Iowa: ITBS/ITED "Special Education"				
4	Reading	With changes that invalidated their score	0	X
8	Reading	With changes that invalidated their score	0	X
11	Reading	With changes that invalidated their score	0	X
4	Math	With changes that invalidated their score	0	X
8	Math	With changes that invalidated their score	0	X

Grade	Subject	Accommodation	Participation	Percent Proficient
11	Math	With changes that invalidated their score	0	X
Indiana: ISTEP+ (Grades 3,6,8) and GQE (Grade 10) "Special Ed"				
3	E/LA	Accommodations	5,434	22%
6	E/LA	Accommodations	2,997	50%
8	E/LA	Accommodations	2,111	40%
10	E/LA	Accommodations	7,742	20%
3	Math	Accommodations	5,666	66%
6	Math	Accommodations	3,263	57%
8	Math	Accommodations	2,284	48%
10	Math	Accommodations	7,790	25%
Indiana: ISTEP+ (Grades 3,6,8) and GQE (Grade 10) "General Ed"				
3	E/LA	Accommodations	643	41%
6	E/LA	Accommodations	508	37%
8	E/LA	Accommodations	439	30%
10	E/LA	Accommodations	535	27%
3	Math	Accommodations	620	43%
6	Math	Accommodations	509	44%
8	Math	Accommodations	432	42%
10	Math	Accommodations	542	37%
Kansas: Kansas Assessment System "Students with Disabilities"				
5	Reading	Modified assessment	1059	X
8	Reading	Modified assessment	971	X
11	Reading	Modified assessment	579	X
4	Math	Modified assessment	41	X
7	Math	Modified assessment	11	X
10	Math	Modified assessment	8	X
Kansas: Kansas Assessment System "All Students"				
5	Reading	Modified assessment	1060	X
8	Reading	Modified assessment	973	X
11	Reading	Modified assessment	581	X
4	Math	Modified assessment	902	X
7	Math	Modified assessment	892	X
10	Math	Modified assessment	704	X
Kentucky: KY Core Content Test "Students with Disabilities"				
4	Reading	Accommodations	5328(11% of all students)	49%
7	Reading	Accommodations	4938 (10%)	25%
10	Reading	Accommodations	3277 (7%)	10%
5	Math	Accommodations	5659 (12%)	29%
8	Math	Accommodations	4629 (9%)	13%
11	Math	Accommodations	2829 (7%)	12%
Kentucky: CTBS/5 "Students with Disabilities"				
3	Reading	Accommodations	4101 (9%)	NP = 38
6	Reading	Accommodations	4609 (9%)	NP = 27
9	Reading	Accommodations	3810 (7%)	NP = 19

Grade	Subject	Accommodation	Participation	Percent Proficient
3	Math	Accommodations	4101 (9%)	NP = 34
6	Math	Accommodations	4609 (9%)	NP = 20
9	Math	Accommodations	3810 (7%)	NP=12
Louisiana: ITBS “All Students”				
3	Reading	Calculator used	12,567	PR=47
5	Reading	Calculator used	21,964	PR=51
6	Reading	Calculator used	29,880	PR=42
7	Reading	Calculator used	31,294	PR=46
8	Reading	Calculator used	1,859	PR=16
9	Reading	Calculator used	30,380	PR=48
3	Math	Calculator used	12,573	PR=51
5	Math	Calculator used	21,963	PR=58
6	Math	Calculator used	29,887	PR=49
7	Math	Calculator used	31,321	PR=53
8	Math	Calculator used	1,869	PR=22
9	Math	Calculator used	30,442	PR=57
Maine: MEA “Students with Disabilities”				
4	Reading	Took with accommodations	1957 (73% of SWD)	X
8	Reading	Took with accommodations	2201 (90%)	X
11	Reading	Took with accommodations	1331 (90%)	X
4	Math	Took with accommodations	2043 (72%)	X
8	Math	Took with accommodations	2246 (90%)	X
11	Math	Took with accommodations	1331 (90%)	X
Michigan: MEAP “All Students”				
4	Reading	Standard accommodations	3,340	43%
		Non-standard accommodations	195	55%
7	Reading	Standard accommodations	3,112	19%
		Non-standard accommodations	128	17%
4	Math	Standard accommodations	7,055	46%
		Non-standard accommodations	60	47%
8	Math	Standard accommodations	6,651	23%
		Non-standard accommodations	74	8%
Missouri: MAP “IEP”				
3	Com. Arts	Test read aloud	5,018	15.9%
7	Com. Arts	Test read aloud	6,561	4.8%
11	Com. Arts	Test read aloud	3,399	0.5%
4	Math	Test read aloud	5,862	17.6%
8	Math	Test read aloud	6,016	0.8%
10	Math	Test read aloud	4,307	0.8%
Nebraska: Statewide Writing Assessment “All Students”				
4	Writing	Receiving accommodations	1,121 (5.59%)	X
8	Writing	Receiving accommodations	1,048 (4.81%)	X
11	Writing	Receiving accommodations	657 (3.28%)	X

Grade	Subject	Accommodation	Participation	Percent Proficient
Nebraska: Statewide Writing Assessment “Special Education”				
4	Writing	Receiving accommodations	928 (29.54%)	X
8	Writing	Receiving accommodations	914 (30.89%)	X
11	Writing	Receiving accommodations	549 (27.08%)	X
North Carolina: End of Grade- “All Students”¹				
4 ¹	Reading	Braille edition	7	95%
		Large print edition	95	75.8%
		Assistive technology devices	70	62.9%
		Keyboarding/word processor	1	X
		Cranmer abacus	5	95%
		Dictation to scribe	227	41.9%
		Magnification device	21	76.2
		Hospital/homebound teaching	10	50%
		Tested in separate room	13624	53.3%
		One item per page	64	39.1%
		Scheduled extended time	14835	54.9%
		Multiple testing sessions	5768	53.1%
		Mark answers in book	9630	53.5%
		Dictionary/electronic translator	448	60.5%
		Interpreter signs math	23	30.4%
		Math read aloud	11300	45.8%
		Braille writer/slate and stylus	5	95%
		Accommodation notification form	21	X
4 ¹	Math	Braille edition	7	95%
		Large print edition	95	89.5
		Assistive technology devices	73	80.8%
		Keyboarding/word processor	1	X
		Cranmer abacus	5	95%
		Dictation to scribe	231	68.4%
		Magnification device	22	95%
		Hospital/homebound teaching	11	81.8%
		Tested in separate room	13930	81.5%
		Scheduled extended time	15413	82.4%
		One item per page	67	62.7%
		Multiple testing sessions	5920	80.3%
		Mark answers in book	9854	80.8%
		Dictionary/electronic translator	454	91.6%
		Interpreter signs math	26	84.6%
		Math read aloud	11646	78.9%
		Braille writer/slate and stylus	5	95%
		Accommodation notification form	22	77.3%

Grade	Subject	Accommodation	Participation	Percent Proficient
8 ¹	Reading	Braille edition	8	75%
		Large print edition	50	74%
		Assistive technology devices	26	73.1%
		Keyboarding/word processor	12	83.3%
		Cranmer abacus	5	95%
		Dictation to scribe	82	48.8%
		Magnification device	26	76.9%
		Hospital/homebound teaching	34	70.6%
		Tested in separate room	10279	53.3%
		Scheduled extended time	13464	57.9%
		One item per page	30	50%
		Multiple testing sessions	2792	50.5%
		Mark answers in book	4028	57.4%
		Dictionary/electronic translator	785	45.9%
		Interpreter signs math	28	39.3%
		Math read aloud	7567	42.5%
		Braille writer/slate and stylus	6	66.7%
		Accommodation notification form	20	65%
		8 ¹	Math	Braille edition
Large print edition	49			69.4%
Assistive technology devices	25			80.0%
Keyboarding/word processor	12			58.3%
Cranmer abacus	5			80%
Dictation to scribe	83			49.4%
Magnification device	26			80.8%
Hospital/homebound teaching	34			61.8%
Tested in separate room	10337			49.6%
Scheduled extended time	13538			53.9%
One item per page	31			32.3%
Multiple testing sessions	2810			47.3%
Mark answers in book	4043			52.5%
Dictionary/electronic translator	805			58.1%
Interpreter signs math	31			38.7%
Math read aloud	7653			42%
Braille writer/slate and stylus	6			42%
Accommodation notification form	19			52.6%

Grade	Subject	Accommodation	Participation	Percent Proficient
North Carolina: High School Comprehensive Test "All Students"				
High School	Reading	Braille edition	14	50%
		Large print edition	33	54.5%
		Assistive technology devices	14	50%
		Keyboarding/word processor	7	71.4%
		Cranmer abacus	3	X
		Dictation to scribe	24	50%
		Magnification device	8	25%
		Hospital/homebound teaching	33	36.4%
		Tested in separate room	5969	26.1%
		Scheduled extended time	7685	31.8%
		One item per page	11	27.3%
		Multiple testing sessions	558	27.4%
		Mark answers in book	1457	29.5%
		Dictionary/electronic translator	609	40.6%
		Interpreter signs math	34	50%
		Math read aloud	3543	18.6%
		Braille writer/slate and stylus	4	X
High School	Math	Braille edition	14	50%
		Large print edition	33	54.5%
		Assistive technology devices	14	50%
		Keyboarding/word processor	7	71.4%
		Cranmer abacus	3	X
		Dictation to scribe	24	50%
		Magnification device	8	25%
		Hospital/homebound teaching	33	36.4%
		Tested in separate room	5969	26.1%
		Scheduled extended time	7685	31.8%
		One item per page	11	27.3%
		Multiple testing sessions	558	27.4%
		Mark answers in book	1457	29.5%
		Dictionary/electronic translator	609	40.6%
		Interpreter signs math	34	50%
		Math read aloud	3543	18.6%
		Braille writer/slate and stylus	4	X
Ohio: Reading Proficiency Test "Students with Disabilities"				
3	Reading	Regular with accommodations	38%	42.6%
Ohio: Proficiency Tests "Students with Disabilities"				
4	Reading	Regular with accommodations	50%	29%
6	Reading	Regular with accommodations	55%	19.1%
4	Math	Regular with accommodations	50%	30%
6	Math	Regular with accommodations	55%	21.3%
Ohio: Graduation Test "Students with Disabilities"				
9	Reading	Regular with accommodations	X	35%
	Math	Regular with accommodations	X	21%

Grade	Subject	Accommodation	Participation	Percent Proficient
Oklahoma: SAT-9/Core Curriculum Tests “Students with Disabilities”				
3	Reading	Changes to assessment that invalidated score	0	X
5	Reading	Changes to assessment that invalidated score	0	X
8	Reading	Changes to assessment that invalidated score	0	X
3	Math	Changes to assessment that invalidated score	0	X
5	Math	Changes to assessment that invalidated score	0	X
8	Math	Changes to assessment that invalidated score	0	X
Rhode Island: New Standards Reference Examinations “Students with Disabilities”				
4	Reading	Changes to assessment that invalidated score	94	X
8	Reading	Changes to assessment that invalidated score	87	X
10	Reading	Changes to assessment that invalidated score	64	X
4	Math	Changes to assessment that invalidated score	0	X
8	Math	Changes to assessment that invalidated score	0	X
10	Math	Changes to assessment that invalidated score	0	X
Wyoming: WycAS “Students with Disabilities”				
4	Reading	Took with accommodations	677	X
8	Reading	Took with accommodations	680	X
11	Reading	Took with accommodations	364	X
4	Math	Took with accommodations	677	X
8	Math	Took with accommodations	1,637	X
11	Math	Took with accommodations	789	X

¹North Carolina End-of-Grade provided accommodations information for grades 3–8, but data are only provided here for grades 4 and 8. Accommodation information was provided for all assessments (i.e., End-of-Grade, End-of-Course, Grade 3 Pretest, Writing Assessment, Computer Skills, Competency Test, High School Comprehensive Test).

X = Data not presented.

Appendix I

Performance Data for Reading and Math Assessments

State	Subject	Grade	Type of Test	Test Name
Alabama	Reading and Math	4,8	CRT	ARMT
	Reading and Math	11	EXIT	High School Graduation Exam
Alaska	Reading and Math	3,8	CRT	SBA
	Reading and Math	10	EXIT	HSGQE
Arizona	Reading and Math	3,8	CRT	AIMS
	Reading and Math	10	EXIT	AIMS Exit
Arkansas	Reading and Math	4,8	CRT	Benchmark Exams
California	Reading and Math	4,7	CRT	Content Standard
Colorado	Reading	4,8,10	CRT	CSAP
	Math	5,8,10	CRT	CSAP
Connecticut	Reading and Math	4,8,10	CRT	CMT
Delaware	Reading and Math	3,8,10	NRT/CRT	DSTP
Georgia	Reading and Math	4,8	CRT	CRCT
	Reading and Math	11	EXIT	GHSGT
Hawaii	Reading and Math	4,8,10	CRT	HCPS II
Idaho	Reading and Math	4,8,10	CRT	ISAT (referenced in charts as ID2)
Illinois	Reading and Math	3,8	CRT	ISAT
	Reading and Math	11	CRT	PSAE
Indiana	Reading and Math	3,8	CRT	ISTEP+
	Reading and Math	11	EXIT	GQE
Kansas	Reading	5,8,11	CRT	KAS
	Math	4,7,10	CRT	KAS
Kentucky	Reading	4,7	CRT	KCCT
	Math	5,8	CRT	KCCT
Louisiana	Reading and Math	4,8	CRT	LEAP 21
	Reading and Math	10	EXIT	GEE 21
Maine	Reading and Math	4,8,11	CRT	MEA
Maryland	Reading and Math	3,8,10	CRT	MSA
	Reading and Math	10	EXIT	High School Assessment
Massachusetts	Reading	4,7,10	CRT	MCAS
	Math	4,8,10	CRT	MCAS
Michigan	Reading	4,7	CRT	MEAP
	Math	4,8	CRT	MEAP
Minnesota	Reading and Math	3,7,10	CRT	MCA
	Reading and Math	8	EXIT	BST
Mississippi	Reading and Math	4,8	CRT	MS Curriculum Test
	English and Algebra	HS	CRT	Subject Area
Missouri	Reading	3,7,11	CRT	MAP
	Math	4,8,10	CRT	MAP
Nebraska	Math	4,8,11	CRT	Assess. of State Math Standards

State	Subject	Grade	Type of Test	Test Name
Nevada	Reading and Math	3	CRT	NV Criterion-Referenced Test
	Reading and Math	10	EXIT	Graduation Exam
New Hampshire	Reading and Math	3,6,10	CRT	NHEIAP
New Jersey	Reading and Math	4,8	CRT	ESPA; GEPA
	Reading and Math	11	EXIT	HSPA
New Mexico	Reading and Math	4,8	CRT	NMAAP
	Reading and Math	10	EXIT	NM High Sch. Competency Exam
New York	Reading and Math	4,8	CRT	NY State Assessment Program
	Reading and Math		EXIT	Regents Comprehensive Exams/ Regents Competency Test
North Carolina	Reading and Math	3	CRT	Grade 3 Pretest (referenced in charts as NC2)
	Reading and Math	4,8,10	CRT	End of Grade (referenced in charts as NC1)
	Reading and Math	10	CRT	End of Course (referenced in charts as NC3)
	Reading and Math	10	CRT	High School Comprehensive Test (referenced in charts as NC4)
North Dakota	Reading and Math	4,8,12	CRT	ND State Assessment
Ohio	Reading and Math	4,6,10	CRT	OH Proficiency Test (referenced as OH1)
	Reading	3	CRT	Grade 3 Reading Test (referenced as OH2)
	Reading and Math	9	EXIT	OH Proficiency Test
Oklahoma	Reading and Math	5,8,HS	CRT	Core Content Test
Pennsylvania	Reading and Math	5,8,11	CRT	PSSA
South Carolina	Reading and Math	10	EXIT	High School Exit Exam
Texas	Reading and Math	4, 8	CRT	TAKS
Utah	Reading and Math	10	EXIT	TAKS-EXIT
	Reading	4,8,10	CRT	Core Criterion-Referenced Tests
	Math	4,7	CRT	Core Criterion-Referenced Tests
Virginia	Reading and Math	3,8	CRT	Standards of Learning
Washington	Reading and Math	4,7,10	CRT	WASL
West Virginia	Reading and Math	EL,MS, HS	CRT	WESTTEST
Wisconsin	Reading and Math	4,8,10	CRT	WKCE
Wyoming	Reading and Math	4,8,10	CRT	WyCAS

