

## What kind of teaching certificates do teachers hold?

Regular or advanced teaching certificates are awarded to teachers who have met the full requirements for certification in their states and/or districts (Goldhaber and Brewer 2000). Teachers who do not meet the full requirements for certification may be awarded a probationary, provisional, or temporary certificate that is subject to specific conditions or time limitations. A higher percentage of AI/AN fourth-graders (93 percent) than non-AI/AN fourth-graders (89 percent) were taught by teachers holding regular or advanced certificates (table 2-6). At grade 8, however, there were no significant differences between the percentages of AI/AN and non-AI/AN students being taught by teachers with such certificates.

No significant differences were found between AI/AN students in high density and low density schools based on the type of certificate their teachers held (table 2-7).

At both grades, lower percentages of AI/AN students attending BIE schools than public schools were taught by teachers with regular or advanced teaching certificates (table 2-8).

Table 2-6. Percentage of students, by teachers' type of teaching certificate, grade, and student group: 2007

Grade and student group	Type of teaching certificate			
	Regular or advanced	Probationary	Provisional	Temporary
<b>Grade 4</b>				
AI/AN students	93*	4	2*	1
Non-AI/AN students	89	5	3	1
<b>Grade 8 reading/language arts</b>				
AI/AN students	87	4*	4	1*
Non-AI/AN students	86	6	4	2
<b>Grade 8 mathematics</b>				
AI/AN students	87	4*	4	1
Non-AI/AN students	85	6	4	2

\* Significantly different ( $p < .05$ ) from non-AI/AN students.

NOTE: AI/AN = American Indian/Alaska Native. Detail may not sum to totals because the "Emergency certificate or waiver" and "No certificate" categories are not shown.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Reading and Mathematics Assessments.

Table 2-7. Percentage of AI/AN students, by teachers' type of teaching certificate, grade, and school density: 2007

Grade and school density	Type of teaching certificate			
	Regular or advanced	Probationary	Provisional	Temporary
<b>Grade 4</b>				
High	93	3	3	#
Low	93	5	1	1
<b>Grade 8 reading/language arts</b>				
High	86	3	5	#
Low	88	5	3	1
<b>Grade 8 mathematics</b>				
High	85	3	3	1
Low	88	4	4	1

# Rounds to zero.

NOTE: AI/AN = American Indian/Alaska Native. School density indicates the proportion of AI/AN students enrolled. High density schools have 25 percent or more AI/AN students. Low density schools have less than 25 percent. Detail may not sum to totals because the "Emergency certificate or waiver" and "No certificate" categories are not shown.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Reading and Mathematics Assessments.

Table 2-8. Percentage of AI/AN students, by teachers' type of teaching certificate, grade, and type of school: 2007

Grade and type of school	Type of teaching certificate			
	Regular or advanced	Probationary	Provisional	Temporary
<b>Grade 4</b>				
Public	93	4	2	#
BIE	90*	1*	6*	1*
<b>Grade 8 reading/language arts</b>				
Public	90	5	3	1
BIE	86*	1*	9*	1
<b>Grade 8 mathematics</b>				
Public	89	4	4	1
BIE	86*	3	2*	3*

# Rounds to zero.

\* Significantly different ( $p < .05$ ) from public schools.

NOTE: AI/AN = American Indian/Alaska Native. BIE = Bureau of Indian Education. Results are not shown for Department of Defense and private schools. Detail may not sum to totals because the "Emergency certificate or waiver" and "No certificate" categories are not shown.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Reading and Mathematics Assessments.