

Out-of-Field Teaching for All Grade Levels and Subject Areas SY 2020-21

This report presents information regarding the amount and proportion of teaching that is conducted by teachers in assignments for which they are not certified, that is *out-of-field*, for the 2020-21 school year. The methodology behind this report has significantly changed from earlier years to better implement relevant statute and rule. While these changes are necessary for continuous improvement and to allow for the report to align with current rule, the resulting report is not directly comparable to the reports from previous years.

This table shows total teacher full-time-equivalents (FTEs), followed by in-field and out-of-field teacher results, aggregated to the assigned grade level and PEIMS subject area. To determine in-field or out-of-field status, effective certificates were compared to assignments in accordance with Chapter 231 of the Texas Administrative Code. Certificates that are considered in-field only with additional coursework or a specified degree were considered out-of-field; certificates that are in-field only with work approval or verification of competency were considered in-field. Self-Contained, Core Subjects, Bilingual, and English as a Second Language certificates that are in-field for other subject areas, such as Mathematics and Social Studies, were considered in-field for those subject areas. Assignments to a grade level, for example “High School (Grades 9-12),” rather than a specific grade were considered in-field if the assigned teacher’s certificate was applicable for any of the included grades. Only assignments in Independent School Districts and Common School Districts are included in the analysis; Open Enrollment Charters and Education Service Centers are excluded.

Standard, provisional (lifetime), probationary, intern, one-year, and Visiting International Teacher certificates (see 19 TAC Chapter 230 Subchapter D) in a teaching certification area were included. Permits were excluded, excepting those for JROTC. Renewals and probationary extensions were included. Only certificates that were effective and unexpired on the PEIMS Snapshot Date, October 30, 2020, are considered to determine whether an assigned educator is teaching in-field or out-of-field.

Statistics regarding special education are reported separately from other assignments because of differences in the governing rules. A special education assignment is any classroom assignment categorized as such in PEIMS or any other assignment taught to a special education population. According to 19 TAC Chapter 231 Subchapter F:

If an individual is providing content instruction in a special education classroom setting, a valid certificate that matches the subject and grade level of the assignment is also required, or the individual must demonstrate competency through the state’s 2010 and 2011 high objective uniform State standard of evaluation for elementary and secondary special education teachers.

Because PEIMS does not collect data from districts regarding determinations of teachers’ demonstrations of competency through “high objective uniform State standard of evaluation,” we report: (1) whether the educators held a grade appropriate special education certificate; and (2) whether the educators held both an appropriate special education and an appropriate content certificate based on the subject and grade level of the assignment.

Out-of-Field Data for All Grade Levels and Subject Areas SY 2020-21

In-Field and Out-of-Field Assignments by Grade Level and Subject Area

Subject Area	Total FTE	In-Field			Out-of-Field		
		Teachers	FTE	FTE Pct.	Teachers	FTE	FTE Pct.
<i>Elementary School (Grades EC-5) ¹</i>							
Bilingual / English as a Second Language ²	17,737.3	23,300	16,062.8	90.56%	3,985	1,674.4	9.44%
English Language Arts and Reading ³	32,179.2	71,017	31,069.9	96.55%	3,397	1,109.4	3.45%
Fine Arts ²	7,062.4	16,155	6,800.7	96.30%	1,243	261.6	3.70%
Health and Physical Education ²	7,986.3	18,877	7,585.3	94.98%	1,981	401.0	5.02%
Languages Other Than English	856.5	3,164	713.5	83.30%	632	143.0	16.70%
Mathematics ²	21,655.2	67,426	21,099.6	97.43%	2,089	555.6	2.57%
Other	1,705.5	7,057	1,679.2	98.46%	122	26.2	1.54%
Science ²	13,804.5	66,047	13,457.0	97.48%	1,930	347.4	2.52%
Self-Contained	30,042.0	61,073	28,880.8	96.13%	2,614	1,161.2	3.87%
Social Studies ²	11,423.0	65,914	11,010.3	96.39%	2,260	412.7	3.61%
Technology Applications	760.0	6,231	700.9	92.23%	457	59.1	7.77%
<i>Middle School (Grades 6-8) ¹</i>							
Bilingual / English as a Second Language ²	1,859.2	2,636	1,185.6	63.77%	2,105	673.6	36.23%
Career and Technology Education	1,190.5	1,328	889.3	74.70%	712	301.3	25.30%
English Language Arts and Reading	14,150.6	17,669	13,093.6	92.53%	2,305	1,057.0	7.47%
Fine Arts	7,964.0	10,010	7,676.1	96.38%	849	287.9	3.62%
Health and Physical Education	6,492.9	8,847	5,462.9	84.14%	3,648	1,030.0	15.86%
Languages Other Than English	587.4	799	525.5	89.46%	132	61.9	10.54%
Mathematics	10,366.8	13,581	9,805.3	94.58%	1,301	561.5	5.42%
Other	2,500.5	10,011	2,378.8	95.13%	420	121.7	4.87%
Science	8,577.9	10,889	8,121.1	94.68%	1,150	456.8	5.32%
Self-Contained	621.3	2,643	511.9	82.39%	298	109.4	17.61%
Social Studies	8,447.6	11,219	7,935.9	93.94%	1,291	511.7	6.06%
Technology Applications	928.2	1,351	628.8	67.75%	751	299.3	32.25%
<i>High School (Grades 9-12)</i>							
Bilingual / English as a Second Language ²	1,601.3	1,931	897.6	56.06%	2,411	703.7	43.94%
Career and Technology Education	18,710.6	20,730	15,259.8	81.56%	7,191	3,450.8	18.44%
English Language Arts and Reading	13,596.5	15,467	11,920.7	87.67%	4,829	1,675.8	12.33%
Fine Arts	8,293.3	9,950	7,852.6	94.69%	1,978	440.7	5.31%
Health and Physical Education	11,881.9	22,161	11,062.3	93.10%	2,504	819.5	6.90%
Junior Reserve Officer Training Corps	631.1	672	518.0	82.07%	163	113.1	17.93%
Languages Other Than English	6,221.5	6,420	5,583.4	89.74%	1,552	638.1	10.26%
Mathematics	12,410.2	13,663	10,872.6	87.61%	4,021	1,537.6	12.39%
Other	6,858.4	22,894	5,648.3	82.36%	5,014	1,210.2	17.64%
Science	9,939.8	11,528	8,918.1	89.72%	2,764	1,021.7	10.28%
Social Studies	10,850.4	13,092	9,682.1	89.23%	3,659	1,168.3	10.77%
Technology Applications	179.8	500	156.3	86.96%	66	23.4	13.04%
<i>Overall</i>							
All Assignments	310,077.3		285,648.8	92.12%		24,428.5	7.88%

Out-of-Field Data for All Grade Levels and Subject Areas SY 2020-21

Grade Level	Total FTE	Special Education Certified			Special Education and Content Certified		
		Teachers	FTE	FTE Pct.	Teachers	FTE	FTE Pct.
Elementary School (Grades EC-5)	7,624.5	8,492	6,814.5	89.38%	7,257	5,508.3	72.25%
Middle School (Grades 6-8)	6,320.6	7,419	4,965.3	78.56%	6,046	3,528.3	55.82%
High School (Grades 9-12)	7,974.0	8,346	6,085.6	76.32%	5,401	2,774.5	34.79%
All Grade Levels	21,919.1		17,865.4	81.51%		11,811.1	53.89%

Notes

- ¹ Also includes Grades PK-6 and 1-6.
- ² Courses showing Bilingual / English as a Second Language as the student population. If a subject area such as Science or Social Studies was also listed, certificates that were in-field for the population and content area were counted as in-field.
- ³ At the Elementary School (EC-5) grade level, certificates in the Generalist area and in the subject area or subject of the assignment are considered in-field for specific subject assignments, such as English Language Arts and Reading, Health, Mathematics, Science, and Social Studies.