



Appendix B

Estimated number of candidates by state and race/ethnicity who cannot earn a license

Using production data from Title II and pass rates from ETS on the Praxis Elementary Education: Multiple Subjects test, this analysis estimates how many people do not complete teacher prep programs and therefore are not eligible to earn a standard teaching license because they have not passed the licensure test. While it is unlikely that the licensure test would have a 100 percent passing rate (if it did, it would not serve as a meaningful gateway for entry into the profession), this analysis offers a useful window into how many more people could complete their preparation program and be qualified to earn a teaching license if they were properly prepared to pass the test.

For more on how these data were calculated, see [*Appendix C: Methodology*](#).





	Total current production of candidates who complete program (Title II)	Estimated production if all candidates passed licensure test				Estimated number of teacher candidates who do not pass licensure test and are not eligible to earn a license ¹			
		All teacher candidates	White candidates	Black candidates	Hispanic candidates	Total ²	White candidates	Black candidates	Hispanic candidates
Alabama	1,447	2,010	1506	370	25	563	377	229	11
Alaska	112	156	96	3	5	44	24	2	2
Arizona	1,726	2,397	1212	415	320	671	303	257	137
Arkansas	760	1,056	918	50	31	296	229	31	13
California	5,051	7,015	3204	341	1951	1,964	801	211	839
Colorado	1,086	1,508	1092	40	195	422	273	25	84
Connecticut	535	743	566	28	51	208	141	17	22
Delaware	224	311	227	29	7	87	57	18	3
District of Columbia	120	167	77	57	11	47	19	35	5
Florida	2,883	4,004	2209	413	739	1,121	552	256	318
Georgia	2,119	2,943	1919	601	106	824	480	373	46
Hawaii	170	236	42	3	4	66	10	2	2
Idaho	251	349	282	1	17	98	71	0	7
Illinois	4,415	6,132	4545	376	685	1,717	1,136	233	295
Indiana	1,420	1,972	1720	68	69	552	430	42	30
Iowa	1,855	2,576	2312	30	75	721	578	18	32
Kansas	1,115	1,549	1331	49	84	434	333	31	36
Kentucky	1,153	1,601	1440	41	20	448	360	26	9
Louisiana	676	939	765	95	34	263	191	59	15
Maine	195	271	226	3	4	76	57	2	2
Maryland	1,280	1,778	1179	336	83	498	295	209	36
Massachusetts	1,622	2,253	1784	61	93	631	446	38	40
Michigan	2,778	3,858	3217	259	114	1,080	804	161	49
Minnesota	1,529	2,124	1744	56	46	595	436	34	20
Mississippi	433	601	484	99	9	168	121	61	4
Missouri	2,070	2,875	2507	146	55	805	627	90	24
Montana	382	531	462	2	16	149	115	1	7
Nebraska	891	1,238	1091	21	48	347	273	13	20
Nevada	287	399	240	24	74	112	60	15	32



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		All teacher candidates	White candidates	Black candidates	Hispanic candidates	Total ²	White candidates	Black candidates	Hispanic candidates
New Hampshire	325	451	353	4	9	126	88	2	4
New Jersey ³	Data not available	-	-	-	-	-	-	-	-
New Mexico	498	692	253	37	281	194	63	23	121
New York	7,291	10,126	6040	871	1326	2,835	1,510	540	570
North Carolina	1,690	2,347	1814	298	78	657	454	185	34
North Dakota	363	504	454	4	10	141	113	3	4
Ohio	2,220	3,083	2675	169	73	863	669	105	31
Oklahoma	933	1,296	994	39	76	363	248	24	33
Oregon	909	1,263	967	18	101	354	242	11	43
Pennsylvania	3,282	4,558	3558	254	131	1,276	889	158	56
Rhode Island	295	410	341	8	18	115	85	5	8
South Carolina	1,229	1,707	1400	220	43	478	350	137	18
South Dakota	346	481	442	3	9	135	110	2	4
Tennessee	1,846	2,564	2024	223	49	718	506	138	21
Texas	4,554	6,325	3395	451	2262	1,771	849	279	972
Utah	882	1,225	1026	25	97	343	257	15	42
Vermont	142	197	163	4	7	55	41	3	3
Virginia	1,333	1,851	1209	276	68	518	302	171	29
Washington	1,277	1,774	1292	35	155	497	323	21	67
West Virginia	544	756	663	18	9	212	166	11	4
Wisconsin	1,686	2,342	2113	49	85	656	528	30	37
Wyoming	143	199	170	1	14	56	42	0	6
Total	70,373	97,743	69743	7024	9872	27,370	17,434	4,352	4,247



Endnotes

- 1 This table does not include data on American Indian, Alaskan Native, or Asian teacher candidates, but we estimate that approximately 888 people from these groups do not pass elementary content licensure tests annually.
- 2 *Estimated production if all candidates passed* assumes that *Total Current Production* represents 72 percent of the people who enrolled in teacher preparation, as this is the average pass rate on the most commonly required content licensure test. This analysis used the demographics of candidates who enroll in teacher preparation and average pass rates by race to calculate the *Estimated number of teacher candidates who did not pass*, broken out by race. This calculation relies on average pass rates that may vary among states and does not account for other reasons candidates may not complete teacher preparation, which can lead to discrepancies in estimations (and cases where the *Total estimated number of teacher candidates who did not pass* is less than the sum of candidates broken out by racial demographics). However, the difference between the calculated total completers by racial demographics using this method and the actual total completers averages only nine teacher candidates per state, suggesting that these calculated estimates are likely very close to the true values.
- 3 Data for New Jersey were removed from the analysis because the production data was anomalous, showing a rate of teacher production inexplicably higher than that of other states.